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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 1st OCTOBER, 1959.

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

Observations from west Bengal, Orissa and Bihar are completely absent but believe yesterday's cyclonic storm further intensified into a severs cyclonic storm last evening, moved northwestwards crossed coast near Balasore this morning and weakened into a deep depression.

... at 01,0300 G.M.T. near Balasore and in likely to weaken further and move in a northwesterly direction.

Widespread rain with a few thundershowers has occurred in East Pakistan. Locally moderate to heavy falls are reported from Dacca and Rajshahi divisions.

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

Isolated rain is also reported from Hyderabad division.

Chief amounts of rainfall are:- Jessore 5" (upto 0000 G.M.T.), Rajshahi 3", Sirajganj, Dacca and Faridpur 2" each, Bogra 1½", Cox's Bazar, Chittagong, Maijdee Court and Comilla 1" each; Satkhira (upto 1200 G. M. T.) Brahmanbaria 3/4" each; Barisal, Khulna (upto 12000 G.M.T.) Sylhet and Ranpur ½" each and Srimangal, Mymensingh and Nagarparkar 1/4" each.

Day temperatureswere:- 3—6°F below normal in East Pakistan and Hyderabad division and were 3—4°F above normal in Quetta, D. I. Khan and Bahawalpur divisions.

...d until the evening of 2nd October, 1959. rain/thundershowers will be fairly widespread in East Pakistan and scattered in Peshawar, Rawalpindi, Lahore and Hyderabad divisions and Kashmir.

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

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WEATHER BUREAU

Karachi-11
The 1st October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	004	9	8	11	05	95	60	6	030	80	7	4	6	2	1	73	85
	Chittagong	004	6	8	13	02	96	60	6	035	81	8	3	4	x	x	79	85
	Maijdee Court	000	4	7	05	05	95	03	5	023	82	5	5	5	2	0	77	84
	Comilla	000	0	8	00	00	94	50	5	026	78	8	4	5	x	x	77	80
	Brahmanbaria	004	8	8	05	05	96	60	6	037	80	4	5	5	2	x	79	84
	Sylhet	001	7	8	09	05	96	01	6	044	78	3	7	4	2	x	74	84
	Srimangal	002	5	8	00	00	95	60	6	037	78	8	5	4	x	x	74	87
Dacca	Mymensingh	003	0	8	13	02	96	61	2	043	80	8	7	4	x	x	74	85
	Narayanganj	006	2	8	07	05	95	91	5	023	79	8	7	4	1	1	75	84
	Dacca (Tezgaon)	006	9	8	07	07	97	61	6	032	77	4	5	5	2	x	75	83
	Faridpur	025	8	8	07	07	95	60	6	025	77	8	4	6	x	x	74	84
	Barisal	048	4	8	09	10	xx	xx	x	010	80	8	6	x	x	x	77	83
Rajshahi	Khulna	040	4	8	09	09	95	03	6	004	78	8	5	5	x	x	77	82
	Satkhira	087	4	8	05	05	94	63	6	983	77	x	x	6	x	x	75	87
	Jessore	014	8	8	09	09	95	60	6	C09	78	8	8	5	x	x	75	82
	Sirajganj	016	2	8	09	02	94	60	6	023	79	8	7	5	0	0	76	86
	Bogra	000	7	8	09	03	96	61	6	032	79	0	0	9	2	x	74	84
	Dinajpur	000	3	6	00	00	96	02	2	018	83	6	0	9	2	0	76	92
	Rangpur	035	3	8	05	20	96	53	6	xxx	77	8	7	6	x	x	67	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	6	0	00	00	96	02	1	019	93	0	0	9	0	0	74	97
	Sialkot	000	0	0	00	00	97	00	0	008	92	0	0	9	0	0	77	95
Rawalpindi	Jhelum	000	0	2	00	00	93	02	0	005	94	2	1	7	0	0	78	96
	Rawalpindi	000	0	0	00	00	99	00	0	009	90	0	0	9	0	0	73	xx
	Khushab	000	0	0	00	00	99	00	0	026	99	0	0	9	0	0	71	01
Multan	Lyallpur	000	0	0	00	00	96	00	0	013	95	0	0	9	0	0	75	98
	Montgomery	000	0	0	00	00	96	00	0	016	95	0	0	9	0	0	72	94
	Multan	000	0	0	00	00	98	02	0	013	98	0	0	9	0	0	68	02
Bahawalpur	Leiah	000	0	0	27	02	96	03	0	012	00	0	0	9	0	0	81	02
	Khanpur	000	0	2	00	00	97	00	0	006	00	0	0	9	2	0	79	02
	Bahawalpur	000	0	0	05	05	98	00	0	010	96	0	0	9	0	0	69	02
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	23	02	99	01	1	990	91	1	1	7	0	0	xx	91
	Peshawar	000	0	1	05	03	96	05	0	009	93	1	1	6	0	0	77	96
	Haripur																	
	Campbellpur	000	0	0	05	03	98	00	0	025	95	0	0	9	0	0	81	97
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	003	94	0	0	9	0	0	70	95
	D. I. Khan	000	0	0	00	00	98	00	0	999	00	0	0	9	0	0	77	02
Quetta	Sibi	000	0	0	13	02	99	00	0	008	04	0	0	9	0	0	63	05
Kalat	Nokkundi	000	0	0	23	02	97	02	0	009	99	0	0	9	0	0	45	00
	Turbat	000	0	0	23	02	96	00	0	027	02	0	0	9	0	0	xx	02
	Jiwani	000	0	0	23	07	99	01	0	049	86	1	7	5	0	0	74	87
	Pasni	000	0	0	23	17	97	00	0	038	85	0	0	9	0	0	79	90
	Ormara	000	0	0	27	10	98	02	0	031	86	0	0	9	0	0	77	88
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	12	98	01	1	038	87	0	0	9	4	0	81	89
	Karachi (Air Port)	000	0	2	23	10	97	01	1	037	87	2	5	6	0	0	75	90
	Badin	000	0	0	23	02	97	00	0	044	94	0	0	9	0	0	75	96
	Nagarparker																	
	Umarkot	000	0	0	23	03	98	00	0	017	96	0	0	9	0	0	73	99
	Hyderabad	000	0	1	18	09	97	03	0	024	93	1	8	6	0	0	75	96
Khairpur	Pad-i-dan	000	0	1	13	05	97	01	0	015	00	1	1	6	0	0	66	02
	Nawabshah	000	0	2	20	05	97	03	0	023	98	1	2	6	0	1	69	00
	Sukkur	000	4	1	34	03	96	01	0	011	98	0	0	9	0	3	73	02
	Kashmore	000	0	0	xx	00	99	00	0	011	98	0	0	9	0	0	66	00
	Jacobabad	000	0	0	16	05	97	02	0	017	99	0	0	9	0	0	68	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	5	29	03	98	02	1	468	67	3	3	3	0	0	60	49
Peshawar	Drosh																	
	Cherat	000	0	0	18	01	98	00	0	463	82	1	0	9	0	0	77	84
	Kakul	000	8	1	13	03	97	01	1	464	78	1	7	7	0	0	66	80
	Landi Kotal	000	0	1	13	03	98	03	0	454	86	0	2	7	0	0	67	88
	Parachinar	000	0	0	13	02	99	00	0	800	80	0	0	9	0	0	64	xx
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	465	89	0	0	9	0	0	78	92
	Wana	000	0	0	09	03	99	00	0	465	85	0	0	9	0	0	56	90
	Fort Sandeman	000	0	0	00	00	98	02	0	458	93	0	0	9	0	0	40	93
Quetta	Hindubagh	000	0	0	13	04	99	00	0	424	98	0	0	9	0	0	35	88
	Loralai	000	0	2	23	02	96	01	0	418	85	2	2	9	0	0	51	90
	Harnai	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	470	84	0	0	9	0	0	42	81
	Chaman	000	0	0	27	02	97	00	0	473	87	0	0	9	0	0	63	90
Kalat	Kalat	000	0	0	34	05	97	02	0	438	79	0	0	9	0	0	49	84
	Nushki	000	0	0	31	05	98	02	0	532	94	0	0	9	0	0	53	96
	Dalbandin	000	0	0	05	02	95	05	0	472	94	0	0	9	0	0	31	96
	Panjgur	000	0	0	31	03	98	00	0	475	92	0	0	9	0	0	30	93
Afghanistan	Kabul	000	0	2	27	03	89	02	0	489	77	2	1	9	0	0	65	83
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	111	9	8	11	07	94	61	6	079	74	9	4	6	2	x	73	74	−2	−1	116.7	+6.7	131.5	140
Chittagong	090	9	8	07	05	96	61	6	090	76	8	7	3	x	x	75	75	−2	−7	94.4	+16.6	126.4	108
Maijdee Court	100	9	8	05	09	95	50	6	077	90	2	1	6	2	x	76	76	−3	−1	103.8	+18.9	135.6	115
Comilla	108	3	8	00	00	97	02	6	078	75	8	4	5	x	x	69	74	−8	−2	63.7	+0.3	89.7	94
Brahmanbaria	083	2	8	05	07	95	63	6	095	75	4	6	4	2	x	73	74	—	—	63.5	+15.0	89.5	76
Sylhet	056	9	8	09	05	95	61	6	100	74	6	7	3	2	x	73	74	—	—	37.7	—	175.6	—
Srimangal	027	9	8	00	00	96	60	6	095	74	7	5	4	2	x	73	73	−4	−3	66.1	+6.9	78.1	98
Mymensingh	027	9	8	13	05	96	61	6	092	75	8	0	6	2	x	73	74	−2	−3	70.0	+4.5	92.1	91
Narayanganj	215	9	8	09	09	95	63	6	075	76	8	7	3	x	x	75	75	−4	−3	57.0	+8.4	82.3	74
Dacca (Tezgaon)	199	9	8	09	10	96	61	6	065	75	5	7	7	2	x	73	74	—	—	63.8	—	79.2	—
Faridpur	239	9	8	07	22	95	91	9	034	75	8	8	5	0	0	73	73	−3	−4	63.3	+16.1	91.7	71
Barisal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	−5					84
Khulna	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	−6					68
Satkhira	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	0					65
Jessore	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—					65
Sirajganj	181	3	8	09	08	95	64	9	068	75	8	7	4	0	0	73	74	−2	−3	61.7	+16.4	86.2	64
Bogra	154	9	8	09	10	96	63	6	079	74	8	7	4	x	x	73	74	−4	−3	61.0	+10.5	80.0	69
Dinajpur	015	3	7	00	00	96	02	2	069	76	7	7	7	0	0	73	74	+4	−2	33.1	−23.0	50.5	72
Rangpur	058	8	8	09	02	96	50	5	xxx	76	8	7	6	x	x	74	75	+2	−1	49.9	−12.1	69.8	84
Jammu																							—
Lahore (Jail Rd)	000	0	2	00	00	96	03	0	066	83	2	0	9	3	0	77	78	−1	+13	21.8	+7.3	25.6	19
Sialkot	000	0	0	00	00	97	00	0	055	85	0	0	9	0	0	79	80	0	+12	49.6	+26.1	55.0	32
Jhelum	000	0	0	00	00	96	02	0	057	82	0	0	9	0	0	76	77	—	—	36.4	—	46.7	—
Rawalpindi	000	0	1	05	02	98	00	0	052	82	0	0	9	0	4	71	75	—	+13	36.0	+12.5	49.1	36
Khushab	000	0	0	00	00	99	00	0	063	89	0	0	9	0	0	75	79	+3	+14	14.3	+4.1	19.9	15
Lyallpur	000	0	0	00	00	96	00	0	048	80	0	0	9	0	0	76	79	0	+12	14.5	+5.3	17.3	12
Montgomery	000	0	0	00	00	97	00	0	054	84	0	0	9	0	0	74	77	−5	+7	6.1	−1.4	8.4	10
Multan	000	0	0	00	00	98	02	0	057	91	0	0	9	0	0	71	83	+4	+13	5.9	+1.0	8.0	7
Leiah	000	0	0	20	02	96	03	0	043	86	0	0	9	0	0	xx	78	+2	+9	0.5	−4.3	1.3	8
Khanpur	000	0	0	00	00	97	00	0	058	93	0	0	9	0	0	74	78	+3	+10	5.4	+1.2	6.4	6
Bahawalpur	000	0	0	05	02	98	00	0	055	90	0	0	9	0	0	75	77		—	8.9	—	9.2	6
Fort Abbas																							4
Chakdara	000	0	3	00	00	99	03	0	050	75	0	0	8	4	0	74	75	—	—	9.9	—	25.5	
Peshawar	000	0	0	00	00	96	05	0	065	80	0	0	9	0	0	75	77	+4	+12	8.4	+3.9	22.3	14
Haripur	000	0	0	05	04	97	00	0	037	85	0	0	9	0	0	73	73		—	19.6	—	30.5	—
Campbellpur	000	0	0	23	02	98	00	0	xxx	78	0	0	9	0	0	77	78	—	—	21.6	—	35.5	—
Bannu	000	0	0	00	00	99	00	0	041	81	0	0	9	0	0	73	76	—	—	12.1	—	19.1	11
D. I. Khan	000	0	0	00	00	98	00	0	048	87	0	0	9	0	0	74	78	+4	+10	10.2	+4.7	13.9	10
Sibi	000	0	0	00	00	59	00	0	055	84	0	0	9	0	0	69	82	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	34	02	98	02	0	066	76	0	0	9	0	0	24	70	—	—	0	—	1.1	2
Turbat	000	0	0	23	02	95	00	0	086	79	0	0	9	0	0	75	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	6	00	00	97	03	0	078	81	6	6	5	0	0	75	78	—	—	0.3	—	5.9	4
Pasni	000	0	8	27	03	97	00	0	073	81	0	0	9	0	0	77	78	−1	+9	0.6	−0.3	3.2	6
Ormara	000	0	0	27	03	98	00	0	069	82	0	0	9	0	0	79	79	—	—	1.2	−0.9	4.2	6
Las Bela																							8
Karachi (Manora)	000	0	3	25	09	96	01	1	068	82	3	6	4	0	0	76	80	+1	+3	16.5	+10.5	16.5	8
Karachi (Air Port)	000	0	1	27	07	97	02	0	064	83	1	6	5	0	0	77	79	—	—	22.6	—	22.9	—
Badin	030	0	0	23	02	94	00	0	071	81	0	0	9	0	0	78	79	0	+7	11.2	+4.0	11.2	9
Nagarparker	000	1	0	27	02	98	00	0	989	79	0	0	9	0	0	69	77		—	30.8	—	30.8	—
Umarkot	000	0	0	23	03	98	00	0	955	83	0	0	9	0	0	76	79	—	—	19.8	—	19.5	—
Hyderabad	000	0	0	23	03	97	03	0	060	83	0	0	6	4	0	75	79	−3	+5	14.6	+8.6	15.4	7
Pad-i-dan	000	0	0	13	05	97	02	0	054	83	0	0	9	0	0	75	78	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	00	00	96	02	0	038	84	0	0	9	0	0	77	77	—	—	6.4	—	7.1	—
Sukkur	000	0	0	20	02	96	00	0	051	84	0	0	9	0	0	77	81	—	—	3.5	—	4.6	4
Kashmore	000	0	0	xx	xx	99	00	0	054	87	0	0	9	0	0	72	80	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	18	05	97	02	0	051	85	0	0	9	0	0	78	81	0	+10	3.8	+1.5	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	2	27	02	98	01	1	498	61	0	0	9	8	0	58	57	−1	+5	50.3	+14.6	75.5	59
Drosh	000	0	2	00	00	98	03	0	494	71	2	1	7	0	0	54	70	—	+12	1.3	—	30.5	18
Cherat	000	0	0	18	02	98	00	0	488	71	0	0	9	0	0	68	67	+1	—	20.3	+8.3	30.3	29
Kakul	000	9	1	20	02	96	01	0	494	74	1	5	7	0	0	65	67	—	—	48.5	—	53.2	—
Landi Kotal	000	0	0	00	00	98	00	0	477	77	0	0	9	0	0	65	xx	—	—	3.3	—	26.4	—
Parachinar	000	0	0	36	01	99	00	0	803	67	0	0	9	0	0	53	xx	—	—	13.9	—	27.7	29
Miranshah	000	0	0	00	00	99	00	0	486	78	0	0	9	0	0	67	70	—	—	2.7	−2.1	5.7	13
Wana	000	0	0	20	02	99	00	0	462	66	0	0	9	0	0	44	60	—	—	5.1	—	14.1	—
Fort Sandeman	000	0	0	00	00	97	02	0	496	73	0	0	9	0	0	57	66	+3	+7	7.2	+2.1	15.9	11
Hindubagh	000	0	0	13	03	98	00	0	419	66	0	0	9	0	0	31	65	—	—	4.6	—	12.6	—
Loralai	000	0	0	27	03	98	00	0	389	64	0	0	9	0	0	31	59	—	—	7.1	—	13.0	—
Harnai	000	0	0	07	07	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+0.9	12.7	14
Quetta	000	0	0	00	00	95	00	0	491	62	0	0	9	0	0	44	47	—	—	4.7	—	10.2	8
Chaman	000	0	0	18	01	97	00	0	489	73	0	0	9	0	0	40	62	+3	+8	0.1	0	6.2	7
Kalat	000	0	0	18	02	98	02	0	496	63	0	0	9	0	0	43	48	+4	+5	6.3	+5.1	11.0	9
Nushki	000	0	0	13	09	98	02	0	545	77	0	0	9	0	0	48	67	—	—	1.1	—	2.9	—
Dalbandin	000	0	0	00	00	96	02	0	474	64	0	0	9	0	0	26	61	−1	—	0.2	−0.1	2.2	5
Panjgur	000	0	0	00	00	98	00	0	461	67	0	0	9	0	0	39	64	−1	+4	2.5	—	4.1	4
Kabul	000	0	0	09	02	99	00	0	550	59	0	0	9	0	0	47	49	—	—	—	—	—	12
Kandahar																							—

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

114 470
SEP 10 2001

National Oceanic and Atmospheric Administration

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 1st OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	0 TsTsTsTs [illegible] VRA[illegible]	[illegible] PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tanhamaru	43 187	663 00	1 21 10	98 02 0	070 79	14 5 00	36 70 3	...	0 03 75	
Socotra	43 240	659 00	3 35 02	98 03 0	070 81	31 5 00	15 60 3	...	0 51 75	1 33 22
Madaderk	43 165	618 06	3 09 02	98 02 0	082 xx	26 3 26	00 24 2	...	0 50 xx	1 23 22
Socotra	43 212	620 06	1 21 05	98 02 0	085 85	11 5 00	15 20 9	...	0 03 [illegible]	1 21 32
Socotra	43 217	630 12	1 22 02	99 02 0	050 82	11 5 00	15 70 5	...	0 01 [illegible]	1 [illegible] 20
Iphigenia	43 252	568 15	1 12 08	98 01 0	059 88	11 4 00	35 50 1	...	[illegible]	[illegible]
Mahadevi	43 171	643 18	0 09 02	98 00 0	085 82	00 9 00	24 20 1	...	0 02 77	[illegible]
Tamhamaru	43 160	703 18	1 29 08	98 02 0	093 81	11 5 00	36 20 7	...	0 00 75	
Darasa	43 230	680 18	2 30 09	98 02 0	070 82	21 5 00	75 10 5	...	0 01 xx	
Socotra	43 231	635 18	0 22 05	98 02 0	078 80	00 9 00	15 31 3	...	0 51 73	1 20 20
Iphaginia	43 257	574 18	2 15 08	98 03 0	071 86	21 4 00	35 21 2	...	0 55 79	1 15 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd	HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	Misda	...	...	...	...	...	...	.	...	...	...	..	...
Jiwani ...														
Karachi ...	00 00	003 272 252	053 275 225	..	450 222 058	..	146 122 552	409 005 658	585 555 999	580 028 999	972 772	.	...	...
Lahore ...	00 00	Misda	Misda	...	...	...		...	-		...		...	...
Multan ...														
Peshawar ...	00 00	963 268 228	...	...	440 240 240	..	127 142 092	404 062 999	873 528 999	xx xx xx	943 770	254 952	442 060	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT TdTdTd									PPPTTT TdTdTd	St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	Misda	...	...	...	...	...	...	...	...	...	...	..
Jiwani ...													
Karachi ...	00 00	900 232 168	800 202 042	..	..	...	...	...	...	...	800 202 042	...	...
Lahore ...	00 00		Misda	...	..	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 978 270	800 202 192	350 692 999	250 855 999	...	...	...	...	...	250 855 999	...	...
Quetta ...													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	No	Ascent	...	..	...	...	...	...	.	No	Ascent	...		..	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chaklala ...										...	07 07	12 05	25 05	28 06	21 07	...	34 05	...	...	...	..	..	...	...	...	...
Chhor ...	24 11	24 10	24 10	24 09	19 02	06 09	05 12	08 11	11 08	24 21	24 13	15 06	10 10	09 14	07 09				...	...	...	...	...	...	..	...
Chittagong ...	99 09	10 15	12 15	...	...	...	...	...	...	13 16	...	...	...	...	...	14 19	14 29	15 42	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	Z	...	...	...	No	Ascent	...		...	...	No	Ascent	...			...		...	...	...	...
Dacca ...	No	Ascent		...	...	...	...	...	...	No	Ascent	..		..	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	10 04	07 04	03 06	03 06	04 05	07 04	08 10	...	...	07 09	07 11	12 06	22 02	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...		...	...	...	...					...	...	...			...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 02	23 15	23 16	18 14	18 10	...	...	...	23 01	23 04	22 06	...	...	...	...	23 07	19 03	18 03	35 06	01 13	02 08	31 03
Fort Sandeman ...	...	...	...	21 01	20 01	34 01	33 01	01 08	04 07	...	...	...	26 02	28 07	34 09	...	...	...	17 02	05 02	32 07	27 04	26 08	34 04	03 03	33 07
Jacobabad ...	17 06	18 07	19 03	31 03	03 07	07 10	03 09	05 15	07 14	20 15	24 10	28 10	21 10	13 09	03 08	25 02	20 04	21 04	10 06	07 05	09 15	09 14	10 09	07 09	05 11	...
Jessore ...	No	Ascent								No	Ascent															
Jhelum ...	18 10	31 10	31 11	31 09	32 10	36 10	30 10	28 25	29 10	10 05	04 03	35 05	22 03	23 03	32 11	28 01	30 04	29 05	30 06	34 06	35 09	33 10	28 12	30 11	28 10	29 10
Jiwani ...	22 08	22 08	21 05	02 05	36 10	04 10	05 15	09 16	07 20	23 05	30 05	30 05	07 05			21 07	22 06	35 02	10 03	04 05						
Karachi ...	25 18	26 12	28 10							28 10	27 10	26 10	15 07	08 06	05 09	28 06	29 04	36 04	11 07	07 11	09 09	12 19	14 17	14 04	36 08	06 08
Khanpur ...	26 10	27 12	26 10	35 04	01 04	20 04	05 03	01 04	...	19 06	19 03	23 07	27 03	34 04	35 08	25 08	28 06	28 04	32 05	06 04	06 11	07 15	06 11	09 12	07 09	07 11
Lahore ...	33 07	31 07	34 05	32 07	34 07	34 07	34 09	33 07	35 11	21 04	02 01	05 04	04 13	29 04	35 12	03 01	31 01	32 02	36 07	01 07	04 10	01 16	36 08	32 08	30 05	
Multan ...	06 03	05 05	07 05	06 05	02 07	03 10	36 07	08 06	09 06	17 08	20 07	20 07	17 05	10 06	02 11	15 07	21 04	18 03	08 02	01 10	04 08	29 03	13 01	13 10	06 07	35 06
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	..	..	...	...	..	...	...	..
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...				...										...
Peshawar ...	...	...	...	...	...	...	...	...	...	..	33 05	32 05	01 01	36 05	39 21	...	34 05	34 06	30 03	31 09	22 10	04 10	05 14	03 09	33 19	...
Quetta ...	...	...	...	...	28 04	08 03	09 03	08 04	05 03	..	...	...	...	27 06	32 11	...	...	..	...	35 03	14 09	17 05	05 07	01 06	02 05	32 11
Sharjah ...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...				..	..	...	...
Sylhet ...	No	Ascent	...	...	..	...	...	..	...	No	Ascent	..	...	...	..	No	Ascent	...	...	...	...	..	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	..	...			...	...	...		...

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda	28 09	18 08	18 12	08 07	07 06	08 09	08 14	07 14	10 11	07 07	28 08	32 11	29 26			...	...
Karachi ...	28 09	32 06	03 04	34 02	34 05	33 17	31 27	31 20	21 11	29 09	29 09	23 25	28 35	29 29	31 27	29 49	...	...
Peshawar ...	...	..	...	...	..	...	...	...	...	..	...	..	...	...	...	...	..	...
Quetta ...																		

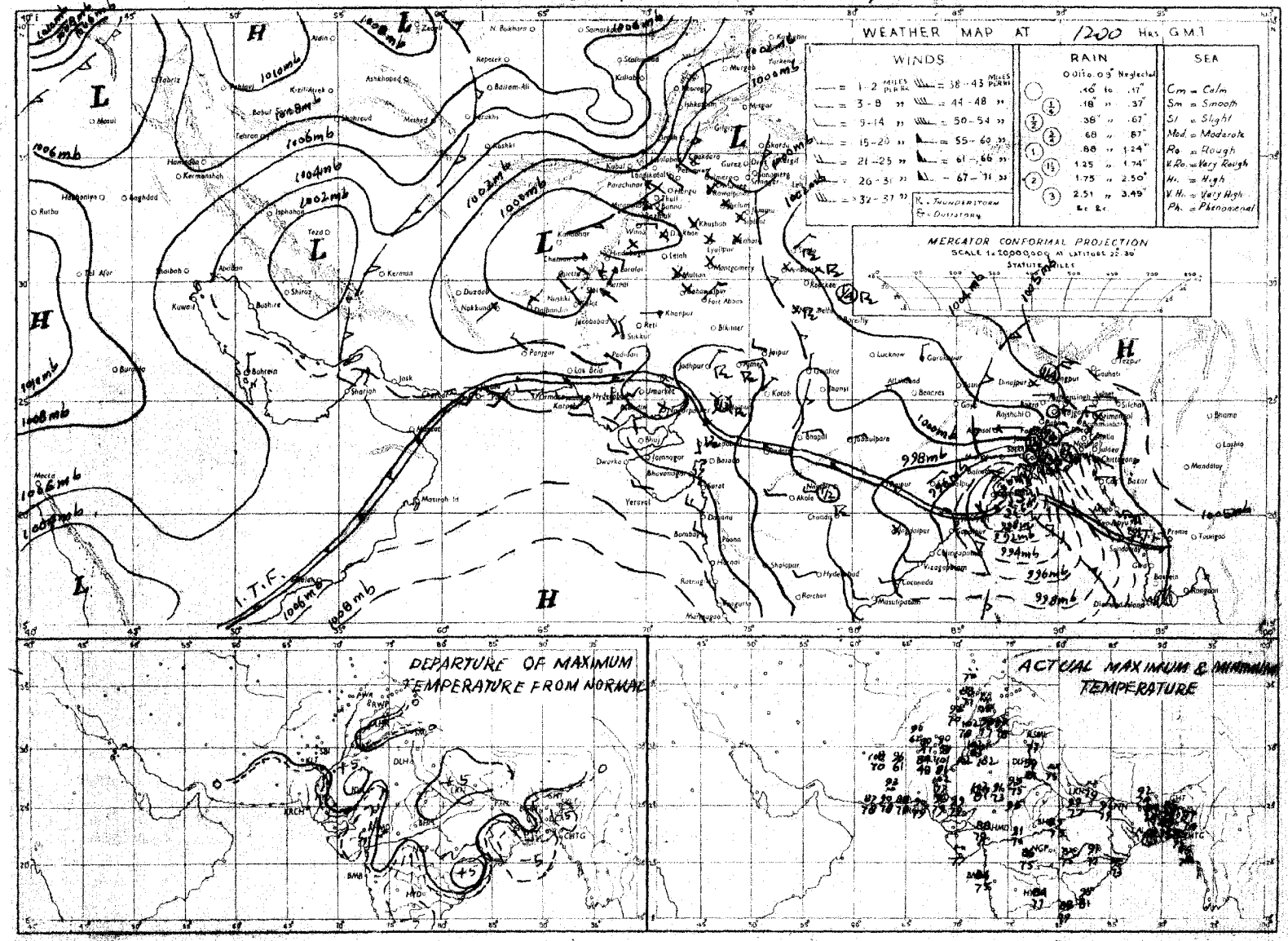
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

WEDNESDAY 30th SEPTEMBER, 1959



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

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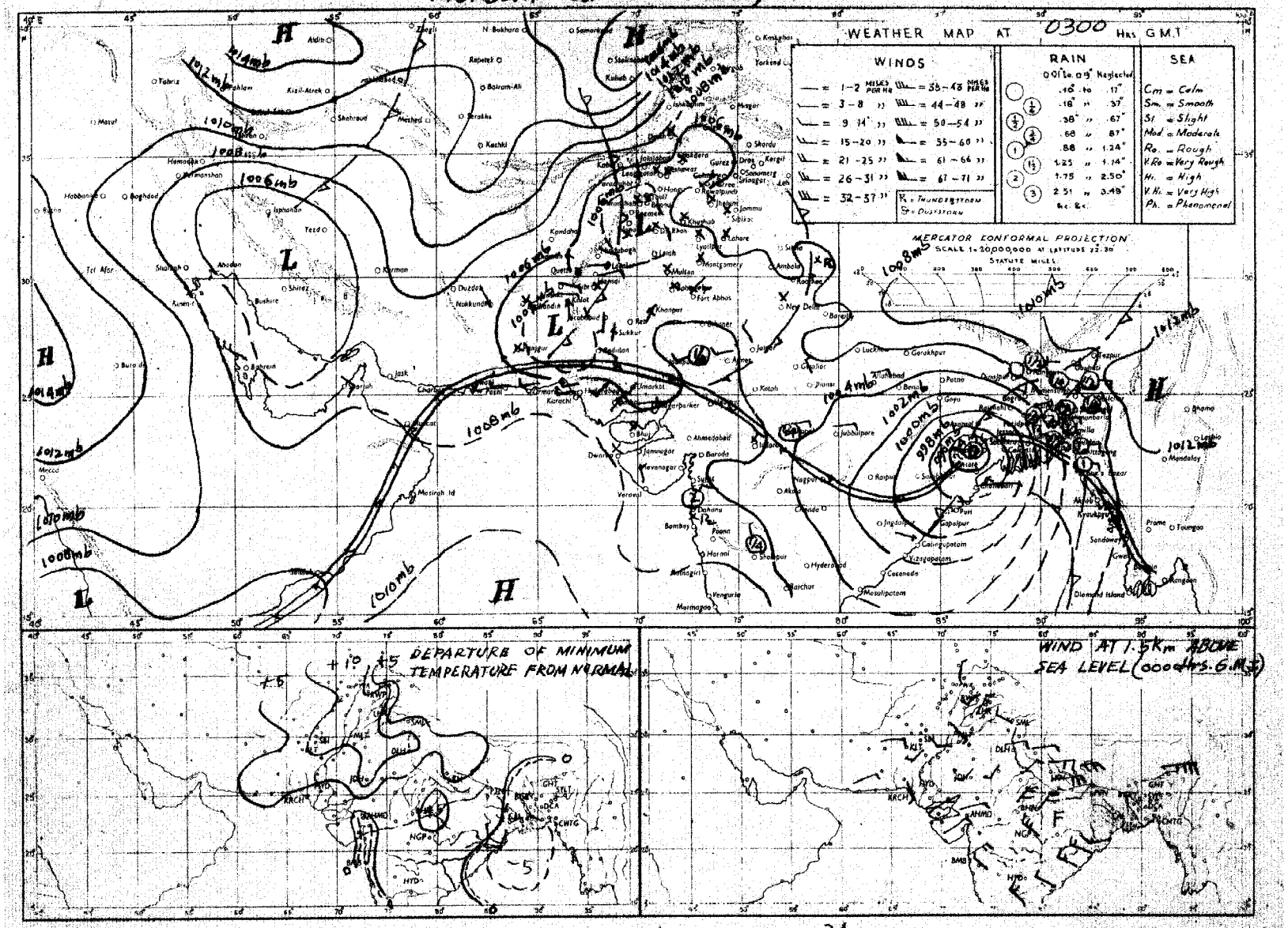
PAKISTAN DAILY WEATHER MAP

THURSDAY 1st OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 2nd OCTOBER, 1959.

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

Observations from Orissa and Chota Nagpur are meagre but believe yesterday's deep depression moved westnorthwestwards and is centred at 02,0300 G.M.T. about 80 miles eastnortheast of Champa. It is likely to move in a northwesterly direction and weaken. In its association widespread rain with scattered thundershowers has occurred in East Pakistan. Locally moderate to heavy falls have been reported from Dacca and Rajshahi divisions.

A low pressure wave is moving across Peshawar division.

Isolated thunderstorm has occurred in Hyderabad division.

Chief amounts of rainfall are:- Jessore, Rajshahi, Bogra, Dinajpur 7" each; Barisal, Sirajganj 6" each; Rangpur 5"; Faridpur, Khulna 4" each; Mymensingh 2"; Narayanganj, Dacca 1½" each; Maijdee Court 1"; Cox's Bazar, Brahmanbaria ½" each and Comilla, Srimangal 1/4" each.

Day temperatures were:- 5—12°F below normal in East Pakistan and 3—5°F above normal in north Kalat, Quetta, Bahawalpur, D. I. Khan and Peshawar divisions.

Forecast valid until the evening of 3rd October, 1959. Widespread rain/thundershowers will occur in East Pakistan and scattered thunderstorms/showers in Hyderabad, Rawalpindi, Peshawar, D. I. Khan divisions and Kashmir.

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

Karachi-11
The 2nd October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)						
Chittagong	Cox's Bazar	—	025	9	8	11	09	95	60	6	060	75	7	4	6	2	x	73	77	025	9	3	20	05	97	01	0	102	83	8	5	5	x	x	79	76	— 10	+ 1	116.9	+ 5.7	132.8	149
	Chittagong	—	013	8	8	13	09	97	02	6	066	78	8	6	5	x	x	74	79	013	9	8	13	05	97	02	6	104	81	2	2	9	2	2	75	75	— 8	— 1	94.6	+16.4	136.6	108
	Maijdee Court	—	070	9	8	09	13	xx	51	6	064	77	8	2	5	3	x	75	77	090	9	8	13	13	95	50	6	101	83	6	5	5	2	x	77	74	— 10	— 1	104.7	+19.5	136.5	115
	Comilla	—	015	3	8	00	00	95	50	6	068	76	8	4	7	2	x	73	78	033	9	8	00	00	97	02	6	099	78	8	4	5	x	x	75	75	— 11	— 1	64.1	+ 0.3	90.1	94
	Brahmanbaria	—	031	8	8	09	09	95	62	6	078	76	6	7	2	2	x	73	76	041	2	8	05	02	97	02	6	107	77	5	5	5	2	x	75	74	—	—	63.9	+15.1	89.9	76
	Sylhet	—	067	9	8	36	09	xx	61	6	096	73	5	7	3	2	x	71	75																							—
	Srimangal	—	030	2	8	00	00	96	60	6	090	75	8	4	4	x	x	73	76	034	9	8	00	00	96	03	6	109	77	6	5	4	2	x	74	74	— 15	— 2	66.4	+ 6.9	78.5	98
Dacca	Mymensingh	—	127	8	8	13	05	95	60	6	081	74	8	0	6	2	x	74	75	240	9	8	13	02	95	60	6	116	74	8	7	3	x	x	74	73	— 13	— 5	72.4	+23.5	94.5	91
	Narayanganj	—	096	9	8	09	15	93	63	6	041	76	8	7	3	x	x	75	77	135	9	8	09	07	96	60	5	090	78	8	7	3	x	x	76	75	— 12	— 3	58.3	+ 9.5	83.6	74
	Dacca (Tejgaon)	—	105	9	8	19	14	96	61	6	056	75	7	7	3	2	x	74	76	143	9	8	11	07	97	21	6	093	77	7	7	3	2	x	75	74	—	—	65.3	—	80.6	—
	Faridpur	—	228	8	8	11	18	95	61	6	042	76	8	4	5	x	x	75	76	361	5	8	16	02	95	31	9	065	79	8	7	5	x	x	78	73	— 12	— 4	64.9	+19.4	95.3	73
	Barisal	—	264	9	7	09	02	96	64	6	047	78	7	6	5	0	0	77	79	594	2	8	13	14	96	03	6	092	82	8	0	8	7	x	78	76	— 10	— 1	107.7	+50.9	121.5	81
Rajshahi	Khulna	—	215	3	8	13	07	96	02	6	035	79	8	5	5	x	x	78	79	441	3	8	00	00	95	63	6	083	79	8	5	5	x	x	79	76	— 9	0	73.1	+24.1	97.8	68
	Satkhira	—																		718	9	8	09	23	95	63	6	073	77	8	7	5	x	x	77	74			56.6	+12.3	92.5	65
	Jessore	—	285	8	2	09	12	xx	62	9	042	75	x	x	x	x	x	73	80	564	3	8	09	08	95	62	9	088	75	8	7	4	x	x	75	74	— 8	— 3	67.4	+14.9	81.8	64
	Sirajganj	—	256	9	8	05	12	95	61	6	061	73	8	7	4	x	x	73	84	699	9	8	10	12	95	29	9	093	73	8	7	4	x	x	73	73	— 5	— 4	67.9	+17.2	86.9	69
	Bogra	—	151	8	8	09	07	95	63	6	062	74	8	7	5	x	x	73	84	717	3	8	09	03	93	62	6	090	71	8	9	4	x	x	70	69	— 5	— 7	40.3	—16.0	57.5	72
	Dinajpur	—	054	8	8	05	05	96	50	6	xxx	73	8	7	6	x	x	71	xx	495	3	8	09	13	96	65	9	xxx	71	8	7	6	x	x	71	71	×	— 5	59.9	— 7.5	74.7	84
	Rangpur	—																																								
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd)	—	000	0	0	00	00	96	02	0	024	95	0	0	9	0	0	73	97	000	0	0	00	00	96	02	0	054	81	0	0	9	0	0	75	77	— 1	+ 12	21.8	+ 7.3	25.6	19
	Sialkot	—	000	0	1	23	02	97	02	0	015	93	1	2	6	0	0	74	97	000	0	0	13	02	98	00	0	052	83	0	0	9	0	0	73	77	+ 2	+ 9	49.6	+36.0	55.0	32
Rawalpindi	Jhelum	—	000	0	2	23	02	97	01	0	011	95	2	7	7	0	0	72	00	000	0	4	05	02	96	03	0	048	83	4	6	5	0	0	75	77	—	—	36.4	—	46.7	—
	Rawalpindi	—	000	0	1	00	00	99	01	0	022	90	1	1	8	0	0	73	94	000	0	0	00	00	98	02	1	032	83	0	0	9	0	0	73	75	+ 2	+ 13	36.0	+13.5	49.1	36
	Kohat	—	000	0	0	00	00	99	00	0	021	99	0	0	9	0	0	71	02	000	0	0	00	00	99	00	0	057	84	0	0	9	0	0	74	77	+ 4	+ 8	14.3	+ 4.1	19.9	15
Multan	Lyallpur	—	000	0	0	00	00	96	00	0	019	97	0	0	9	0	0	71	99	000	0	0	00	00	96	00	0	044	82	0	0	9	0	0	73	80	+ 3	+ 13	14.5	+ 5.3	17.3	12
	Montgomery	—	000	0	0	00	00	96	00	0	024	98	0	0	9	0	0	70	00	000	0	0	00	00	96	00	0	045	83	0	0	9	0	0	73	79	+ 1	+ 9	6.1	+ 1.4	8.4	10
	Multan	—	000	0	0	00	00	98	02	0	020	00	0	0	9	0	0	63	02	000	0	0	13	02	98	02	0	045	87	0	0	9	0	0	70	84	+ 4	+ 14	5.9	— 1.0	8.0	7
Bahawalpur	Bahawalpur	—																		000	0	0	00	00	96	05	0	034	87	0	0	9	0	0	79	79			5.0	—	6.9	8
	Khanpur	—	000	0	0	29	03	96	03	0	016	03	0	0	9	0	0	72	04	000	0	0	25	05	96	02	0	039	86	0	0	9	0	0	77	80	—	—	0.5	— 4.1	1.3	6
	Bahawalpur	—	000	0	0	00	00	97	00	0	026	00	0	0	9	0	0	69	02	000	0	0	00	00	97	00	0	045	90	0	0	9	0	0	71	78	+ 5	+ 10	5.4	+ 1.2	6.4	6
	Fort Abbas	—																		000	0	0	16	03	96	00	0	040	84	0	0	9	0	0	69	76			8.9	—	9.2	4
Peshawar	Chakdara	—	000	0	T	00	00	99	01	1	985	92	1	1	7	0	0	71	93	000	0	0	00	00	99	00	0	068	76	0	0	9	0	0	71	71			9.9	—	25.5	—
	Peshawar	—	000	0	1	05	02	97	02	0	009	94	1	1	6	0	0	xx	96	000	0	0	00	00	96	05	0	046	81	0	0	9	0	0	73	76	+ 4	+ 11	8.4	+ 3.9	22.3	18
	Mardan	—	000	0	0	09	02	97	00	0	994	89	0	0	9	0	0	85	92	000	0	0	23	04	97	00	0	027	82	0	0	9	0	0	70	74	—	—	19.6	—	30.5	—
	Campbellpur	—	000	0	0	23	02	98	00	0	026	92	0	0	9	0	0	71	98	000	0	0	36	02	98	00	0	053	82	0	0	9	0	0	70	70	—	—	21.6	—	35.3	—
D. I. Khan	Bannu	—	000	0	0	18	01	99	00	0	010	95	0	0	9	0	0	73	97	000	0	0	00	00	99	00	0	038	81	0	0	9	0	0	71	75	—	—	12.1	—	19.1	11
	D. I. Khan	—	000	6	0	00	00	98	00	0	010	99	0	0	9	0	0	77	02	000	0	0	05	02	98	00	0	035	85	0	0	9	0	0	72	76	+ 5	+ 8	10.2	+ 4.7	13.9	10
Quetta	Sibi	—	000	0	0	23	02	99	00	0	015	04	0	0	9	0	0	58	08	000	0	0	00	00	99	00	0	032	89	0	0	9	0	0	64	79	—	—	3.4	—	4.1	5
	Nokkundi	—	000	0	0	09	02	99	00	0	012	02	0	0	9	0	0	23	03	000	0	0	36	02	99	02	0	066	81	0	0	9	0	0	23	73	—	—	0	—	1.3	2
	Turbat	—	000	0	0	23	02	96	00	0	026	02	0	0	9	0	0	76	03	000	0	6	23	02	95	03	0	056	80	4	0	9	6	0	76	xx	—	—	2.9	—	7.3	—
	Hoshab	—	000	0	2	23	09	97	03	0	059	84	2	6	5	0	0	77	88	000	0	4	27	02	97	03	1	091	81	4	6	4	0	0	75	78	—	—	0.3	—	5.9	4
	Panjgur	—	000	0	0	23	17	97	00	0	047	85	0	0	9	0	0	75	95	000	0	8	27	03	97	00	0	073	80	0	0	9	0	0	73	77	+ 5	+ 8	0.6	— 0.3	3.3	6
	Kalat	—	000	0	0	27	03	98	02	0	045	86	0	0	9	0	0	77	87	000	0	0	27	03	98	00	0	067	81	0	0	9	0	0	76	79	—	—	1.7	+ 0.9	4.2	6
Karachi Federal Area Hyderabad	Karachi (Manora)	—	000	0	2	25	12	98	01	1	043	86	2	0	9	4	0	81	88	000	0	3	27	10	97	01	1	061	83	3	6	4	0	0	79	80	+ 1	+ 3	16.5	+10.5	16.5	8
	Karachi (Air Port)	—	000	0	0	23	10	97	02	0	044	88	0	0	9	0	0	77	93	000	0	4	27	10	97	03	0	070	82	4	6	5	0	0	77	79	—	—	22.6	—	22.9	—
	Badin	—	000	0	0	23	02	97	00	0	035	91	0	0	9	0	0	87	94	000	0	0	23	02	98	00	0	054	82	0	0	9	0	0	80	79	— 2	+ 7	11.2	+ 4.0	11.2	9
	Nagarparkar	—	000	0	0	00	00	98	00	0	977	93	0	0	9	0	0	67	95	000	0	4	00	00	97	02	1	062	81	4	6	7	0	0	67	77	—	—	30.8	—	30.8	—
	Umarkot	—	000	0	2	23	02	98	02	0	026	97	2	1	6	0	0	72	00	000	0	0	23	03	98	00	0	053	83	0	0	9	0	0	77	78	—	—	18.8	—	19.5	—
	Hyderabad	—	000	0	2	18	05	97	03	0	035	95	2	8	6	0	0	71	98	000	0	0	20	03	97	02	0	058	82	0	0	9	0	0	75	80	— 2	+ 6	14.6	+ 8.4	15.3	7
Khairpur	Pad-i-dak	—	000	0	1	13	07	97	01	0	025	08	1	1	6	0	0	72	02	000	0	0	18	03	97	02	0	047	85	0	0	9	0	0	76	79	—	—	7.3	—	7.5	—
	Nawabshah	—	000	0	1	18	07	97	01	0	034	98	1	2	6	0	0	73	15	000	0	0	18	03	96	02	0	054	85	0	0	9	0	0	76	79	—	—	6.4	—	7.1	—
	Sukkur	—	000	4	1	34	03	96	01	0	020	00	0	0	9	0	0	66	00	000	0	0	20	02	96	00	0	041	84	0	0	9	0	0	77	82	—	—	3.5	—	4.6	4
	Kashmore	—	000	0	3	xx	xx	99	00	0	011	98	3	1	8	0	0	70	03																							—
	Jacobabad	—	000	0	0	18	03	97	02	0	022	01	0	0	9	0	0			000	0	0	09	03	97	00	0	047	84	0	0	9	0	0	75	80	+ 2	+ 9	3.8	+ 1.5	4.5	4
Junagadh	Veraval	—																																								20
Afghanistan	Jalalabad	—																																								—
Persian Gulf	Muscat	—																																								4
	Kuwait	—																																								—
	HILL STATIONS																																									26
Kashmir	Srinagar	—																																								—
	Gulmarg	—																																								71
	Sonamarg	—																																								26
	Dras	—																																								3
	Leh	—																																								6
	Skardu	—																																								—
	Misgar	—																																								—
	Aliabad	—																																								5
	Gilgit	—																																								—
Rawalpindi	Murree	—	000	4	6	29	02	97	02	1	475	67	8	3	3	0	0	62	68	000	0	2	31	02	98	01	1	483	62	2	0	9	8	0	56	58	— 1	+ 6	50.3	+14.5	75.5	59
D.I. Peshawar	Drosh	—	000	0	1	23	10	98	01	0	440	89	1	2	7	0	0	45	97	000	0	0	00	00	98	02	0	067	69	0	0	9	0	0	67	67	+ 15	+ 11	1.3	—	30.5	18
	Chitral	—	000	0	0	18	01	98	00	0	478	84	0	0	9	0	0	76	86	000	0	0	31	03	98	00	0	478	72	0	0	9	0	0	68	70	—	—	20.3	+ 8.3	30.3	29
	Kakul	—	000	5	2	18	03	96	05	1	471	88	2	1	6	0	0	68	85	000	9	6	31	02	97	03	1	479	73	6	4	7	0	0	72	68	—	—	48.5	—	53.3	—
	Landi Kotal	—	000	0	0	13	03	98	00	0	465	87	0	0	9	0	0	63	94	000	0	0	00	00	98	00	0	466	76	0	0	9	0	0	65	xx	—	—	3.3	—	26.4	—
	Parachinar	—	000	0	0	13	02	99	00	0	800	81	0	0	9	0	0	33	90	000	0	0	31	01	99	00	0	801	63	0	0	9	0	0	57	xx	—	—	12.9	—	27.7	29
	Miranshah	—	000	0	0	05	02	99	00	0	469	91	0	0	9	0	0	84	94	000	0	0	00	00	99	00	0	462	76	0	0	9	0	0	70	70	—	—	2.7	— 5.1	5.7	13
	Wana	—	000	0	0	13	03	99	00	0	445	88	0	0	9	0	0	33	90	000	0	0	00	00	99	00	0	462	67	0	0	9	0	0	42	60	—	—	5.1	—	14.1	—
	Fort Sandeman	—	000	0	0	00	00	98	00	0	479	93	0	0	9	0	0	44	94	000	0	0	00	00	97	02	0	516	72	0	0	9	0	0	67	63	+ 4	+ 4	7.2	+ 2.2	15.9	11
	Hindubagh	—	000	0	0	23	04	98	00	0	433	88	0	0	9	0	0	34	88	000	0	0	27	02	98	00	0	512	64	0	0	9	0	0	51	63	—	—	4.6	—	12.6	—
	Loralai	—	000	0	6	13	03	98	00	0	408	86	0	0	9	0	0	41	91	000	0	0	31	03	98	00	0	396	65	0	0	9	0	0	25	56	—	—	7.1	—	13.0	—
	Harnai	—	000	0	0	06	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	07	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	—	000	0	0	00	00	96	00	0	483	86	0	0	9	0	0	37	87	000	0	0	00	00	95	00	0	491	63	0	0	9	0	0	43	45	—	—	4.7	+ 3.7	10.2	8
	Chaman	—	000	0	0	27	02	97	00	0	471	91	0	0	9	0	0	46	93	000	0	0	00	00	98	02	0	490	77	0	0	9	0	0	49	64	+ 5	+ 10	0.1	— 0	6.2	7
	Kalat	—	000	0	0	34	07	98	02	0	447	78	0	0	9	0	0	48	84	000	0	0	16	05	97	02	0	496	63	0	0	9	0	0	43	48	+ 5	+ 5	6.3	+ 5.1	11.0	9
	Nushki	—	000	0	0	31	09	98	02	0	552	95	0	0	9	0	0	55	97	000	0	0	09	02	98	02	0	539	79	0	0	9	0	0	42	69	—	—	1.1	—	2.9	—
Afghanistan	Dalbandin	—	000	0	0	23	03	96	02	0	494	96	0	0	9	0	0	23	99	000	0	0	00	00	96	02	0	474	65	0	0	9	0	0	26	61	—	—	0.2	— 0.1	2.3	5
	Zhob	—	000	0	0	31	03	98	00	0	483	93	0	0	9	0	0	33	94	000	0	0	05	02	98	00	0	480	67	0	0	9	0	0	33	65	+ 2	+ 5	2.5	—	4.1	4
	Kabul	—	000	0	0	14	02	99	00	0	499	78	0	0	9	0	0	59	83	000	0	0	27	03	99	00	0	549	60	0	0	9	0	0	38	48	—	—	—	—	—	12
	Kandahar	—																																								—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 2nd OCTOBER, 1959.

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	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$Id_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alveloa	53 193	503 00	2 34 08	98 93 0	020 57	32 5 00	15 30 3	—	0 33 73	1 21 x1
Iphigenia	53 250	607 06	3 18 06	98 02 2	104 84	32 4 00	36 71 5	—	0 32 75	1 18 x1
Alveloa	53 205	591 06	2 28 06	97 02 0	040 81	12 5 60	15 21 0	—	0 04 79	1 20 x1
Isocardia	53 204	591 06	0 22 08	98 02 0	153 77	00 9 00	55 40 0	—	0 38 79	1 22 x9
Iphigenia	53 249	615 09	3 18 06	98 02 1	098 86	32 4 00	35 71 3	—	0 03 73	1 18 x1
Isocardia	53 192	581 12	2 10 08	98 02 0	126 81	21 7 00	36 61 0	—	0 03 77	1 18 x8
Iphigenia	53 248	633 15	1 18 06	98 01 0	070 84	32 4 00	35 44 0	—	0 33 77	1 18 21
Daressa	53 246	652 18	1 26 13	98 02 0	076 82	11 5 80	65 21 0	—		
Iphigenia	53 249	661 48	3 20 06	98 03 0	099 84	32 4 00	25 38 0	—	0 38 77	1 20 21

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 ...	03 00	Misds	—	—	—	—	...	...	...	...	...	...	..	—
Jiwani ...														
Karachi ...	00 00	003 272 252	052 272 252	..	420 235 165	..	131 122 052	400 032 565	849 578 678	561 658 999	—	..	—	—
Lahore ...	00 00	Misds	—	...	—	—	...	—	—	—	—	—	—	...
Multan ...														
Peshawar ...	00 00	062 255 248	—	—	430 252 188	..	125 152 028	...	—	...	..	—	—	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	Misds	—	...	...	—	...	—	—	...	—	—	..
Jiwani ...													
Karachi ...	00 00	900 238 202	800 195 115	..	..	...	—	—	—	—	800 195 115	—	—
Lahore ...	00 00		Misds	—	..	...	—	—	...	—	...	—	...
Multan ...													
Peshawar ...	00 00	900 268 228	800 222 158	679 122 022	..	...	...	—	...	...	679 122 022	—	...
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. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	No	Ascent	—						
Chaklala ...	..	29 07	29 07	26 08	29 05	31 09	32 15	29 18	29 20
Chhor ...	24 06	25 06	22 05	08 03	06 11	—	...	—	..
Chittagong ...	14 20	19 35	17 39	..	—	—	...	..	—
Cox's Bazar ...	No	Ascent	—	—	—	—	—	—	—
Dacca ...	No	Ascent							
Dalbandin ...	—	—	06 01	06 03	02 07	01 13	04 06	09 10	08 14
D. I. Khan ...	..	—	—						
Drosh ...	—	—	—		21 24	21 09	20 15	19 31	19 35
Fort Sandeman ...	..	..	—	23 01	28 04	27 07	29 16	30 06	31 06
Jacobabad ...	22 05	21 05	24 03	03 04	07 04	06 06	10 06	04 11	04 11
Jessore ...	No	Ascent							
Jhelum ...	26 04	27 07	28 07	29 06	34 06	33 15	30 13	30 15	31 15
Jiwani ...	23 12	24 07	26 02	30 09	03 10	06 15	06 15	30 13	05 13
Karachi ...	27 12	17 06	14 04	11 07	08 11	06 16	14 07	15 05	08 05
Khanpur ...	26 06	27 04	27 03	01 04	02 06	05 10	02 13	04 06	06 05
Lahore ...	32 04	32 06	31 07	31 07	32 04	01 09	35 20	32 18	31 16
Multan ...	—	—	—	..	...	—	...	—	—
Muscat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	—	—	—	—	—	—
Peshawar ...	—	07 05	17 05	20 12	24 10	29 10	32 19	29 16	31 19
Quetta ...	—	—	—	—	30 04	22 01	36 03	32 06	36 07
Sharjah ...	—	—	—	—	—	—	...	—	...
Sylhet ...	No	Ascent	—	—	..	—	—	..	—
Veraval ...	—	—	—	—	—	—	—	—	—

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 600 hrs. G.M.T. † of date (dd ff)

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

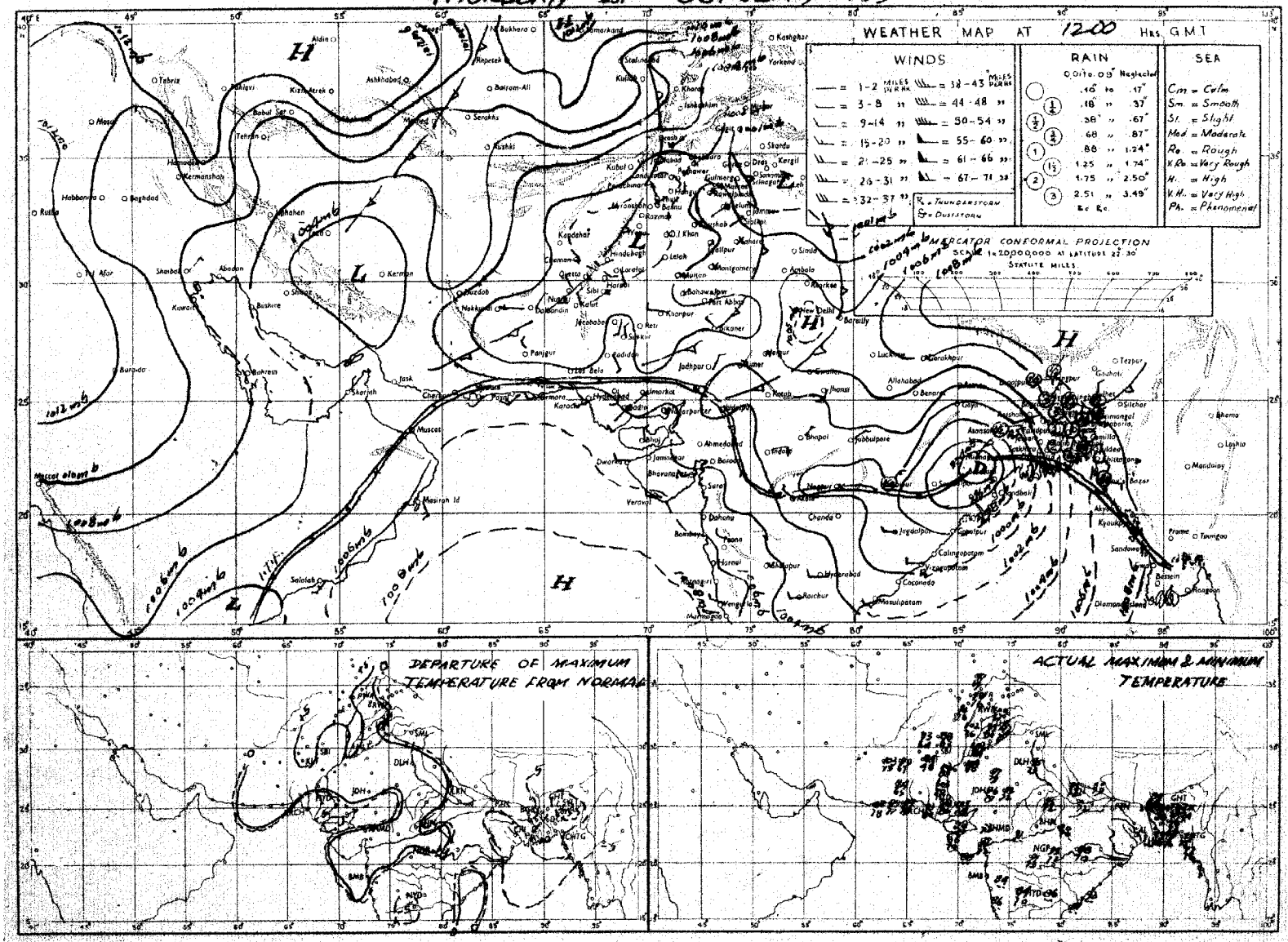
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 1st OCTOBER, 1959



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

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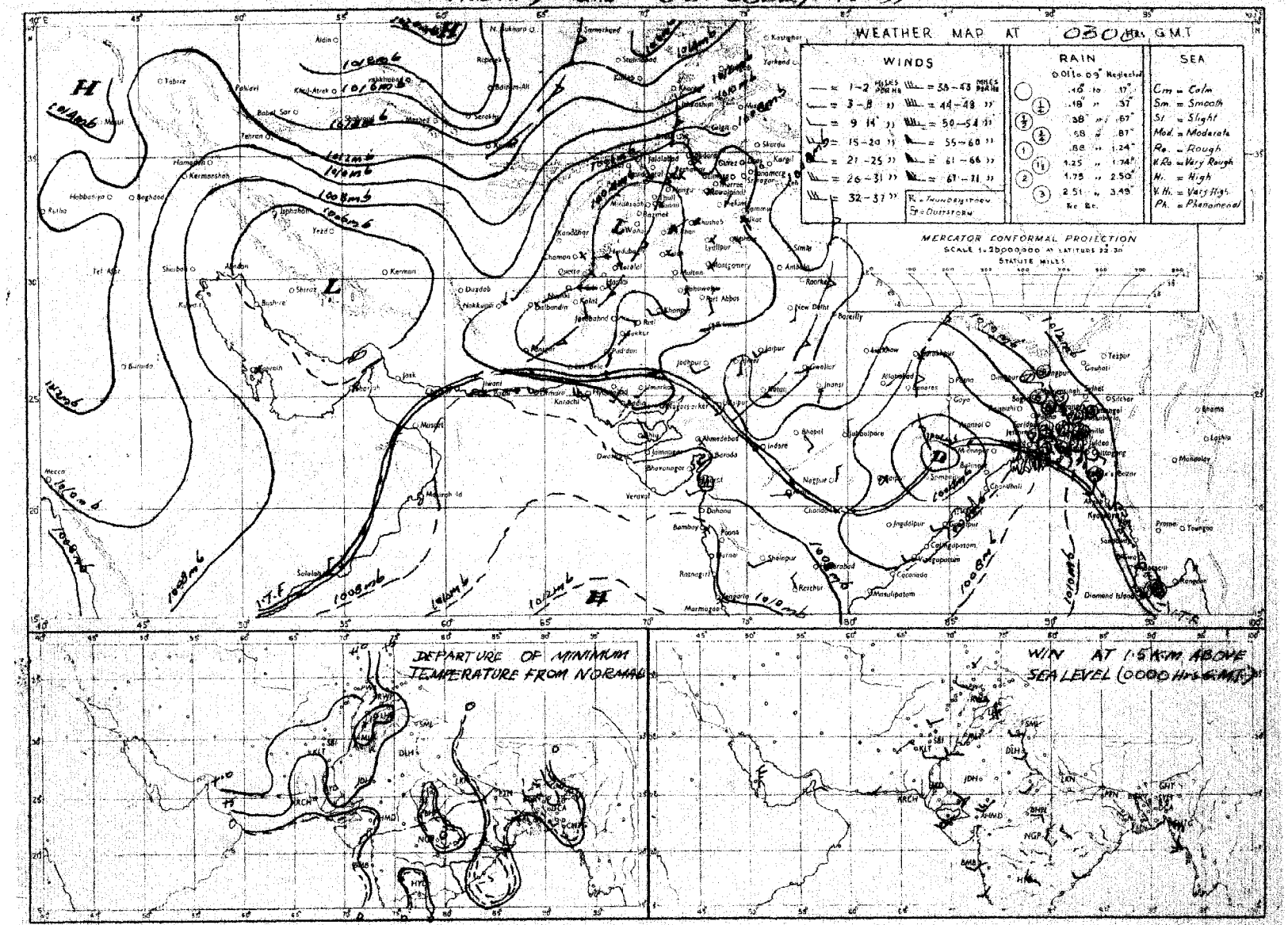
PAKISTAN DAILY WEATHER MAP

FRIDAY, 2nd OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 3rd OCTOBER, 1959.

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

Observations from Chota Nagpur, Bihar and west Bengal are completely absent but believe yesterday's deep depression weakened into a depression last evening moved northwards and is centered at 03,0300 G.M.T. about 50 miles north west of Daltonganj. It is likely to move north northeast wards and weaken. Widespread rain with a few thunder showers have occurred in East Pakistan. Locally moderate to heavy falls are reported from Dacca and Rajshahi divisions.

Yesterday's low pressure wave over Peshawar division is moving across Rawalpindi division. It has caused fairly widespread thunderstorm/showers in Rawalpindi division, local in Lahore division and scattered in Peshawar division.

Chief amounts of rainfall are:- Mymensingh, Dacca, Faridpur, Sirajganj, Bogra and Rangpur 4" each. Rajshahi and Dinajpur 3" each. Narayanganj 2", Sialkot 1½", Jessore 1", Brahmanbaria, Sylhet and Srimangal 3/4" each and Chittagong, Comilla, Khulna, Jhelum and Murree 1/4" each.

Day temperatures were:- 5—15°F below normal in East Pakistan and 3—6°F above normal in north Kalat, Quetta, D. I. Khan, Multan and Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 4th October, 1959. Widespread rain/thundershowers will occur in East Pakistan and scattered thunderstorm showers in Peshawar, Rawalpindi, Lahore divisions and Kashmir.

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

Karachi-11
The 3rd October, 1959.

OBSERVATIONS

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	7	8	18	05	95	03	6	080	[illegible]	[illegible]	5	7	4	7	74	86
	Chittagong	022	5	8	xx	xx	97	62	6	080	81	8	6	4	x	x	77	66
	Maijdee Court	012	5	4	13	05	xx	03	6	080	81	2	2	6	2	0	79	83
	Comilla	000	0	8	00	00	99	02	2	087	81	8	4	5	x	x	80	81
	Brahmanbaria	051	5	8	13	03	95	62	6	092	75	6	7	5	2	x	73	78
	Sylhet	016	9	8	00	00	xx	61	6	086	76	4	7	3	2	x	74	77
	Srimangal	006	7	8	00	00	95	60	6	091	75	7	5	4	2	x	73	80
Dacca	Mymensingh	260	8	8	13	05	95	62	6	088	74	8	7	3	x	x	73	74
	Narayanganj	088	9	8	09	05	93	63	6	076	78	8	7	3	x	x	77	79
	Dacca (Tezgaon)	118	9	8	09	05	96	63	9	075	76	7	7	2	2	x	76	78
	Faridpur	377	8	8	16	05	95	61	9	062	78	6	7	5	2	x	77	78
	Barisal	006	4	6	00	00	97	03	5	069	82	6	0	8	4	0	79	83
Rajshahi	Khulna	030	6	8	09	03	95	03	6	061	80	8	5	5	x	x	79	81
	Satkhira																	
	Jessore	096	8	8	09	03	95	13	6	052	80	8	8	5	x	x	80	82
	Sirajganj	302	8	8	09	09	94	52	5	071	75	8	7	4	x	x	75	78
	Bogra	122	6	8	09	09	96	61	6	075	74	8	7	4	x	x	74	84
	Dinajpur	056	5	7	09	05	xx	03	6	076	73	7	7	4	0	0	70	84
	Rangpur	120	8	8	09	13	96	20	6	xxx	73	8	7	6	x	x	71	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	03	00	96	01	0	026	94	2	2	7	0	0	75	98
	Sialkot	000	0	1	13	02	97	02	0	022	91	1	1	6	0	0	77	94
Rawalpindi	Jhelum	000	0	1	13	02	97	01	1	019	90	1	1	7	0	0	76	95
	Rawalpindi	000	0	1	00	00	99	02	0	019	90	1	2	8	0	1	71	94
	Khushab	000	0	0	31	02	99	00	0	012	98	0	0	9	0	0	68	02
Multan	Lyallpur	000	0	5	00	00	96	02	0	021	96	5	0	9	4	0	69	99
	Montgomery	000	0	0	00	00	96	00	0	013	99	0	0	9	0	0	69	00
	Multan	000	0	0	00	00	98	02	0	010	00	0	0	9	0	0	76	04
Bahawalpur	Leiah	000	0	0	18	02	97	05	0	009	00	0	0	9	0	0	73	93
	Khanpur	000	0	0	27	03	96	02	0	038	02	0	0	9	0	0	80	05
	Bahawalpur	000	0	0	29	05	97	00	0	014	02	0	0	9	0	0	69	05
	Fort Abbas	000	0	0	02	03	98	00	0	021	97	0	0	9	0	0	86	02
Peshawar	Chakdara	000	0	0	23	03	99	00	0	074	91	0	0	9	0	0	69	93
	Peshawar	000	0	0	05	03	96	05	0	998	93	0	0	9	0	0	71	94
	Haripur	000	3	2	05	02	97	01	2	996	90	2	5	6	0	0	69	93
	Campbellpur	000	0	0	36	02	98	00	0	017	92	0	0	9	0	0	72	98
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	989	95	0	0	9	0	0	65	98
	D. I. Khan	000	0	0	00	00	98	00	0	996	99	0	0	9	0	0	76	01
Quetta	Sibi	000	0	0	23	32	99	00	0	003	07	0	0	9	0	0	53	08
Kalat	Nokkundi	000	0	0	34	02	99	02	0	009	00	0	0	9	0	0	25	04
	Turbat	000	0	0	23	02	96	00	1	033	03	0	0	9	0	0	79	04
	Jiwani	000	0	6	23	10	97	03	1	058	84	6	6	4	0	0	77	88
	Pasni	000	0	0	23	16	97	00	0	052	86	0	0	9	0	0	76	90
	Ormara	000	0	0	27	10	98	00	0	045	85	0	0	9	0	0	98	87
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	27	12	95	01	1	049	87	3	6	4	0	0	83	85
	Karachi (Air Port)	000	0	5	25	10	97	03	1	051	87	5	5	7	0	0	77	91
	Badin	000	0	0	23	02	97	00	0	045	93	0	0	9	0	0	85	95
	Nagarparker	000	0	0	27	03	98	00	0	043	92	0	0	9	0	0	86	94
	Umarkot	000	0	0	23	07	98	00	0	033	95	0	0	9	0	0	73	99
	Hyderabad	000	0	0	20	09	97	02	0	037	93	0	0	9	0	0	74	98
Khairpur	Pad-i-dan	000	0	0	16	07	97	02	0	021	01	0	0	9	0	0	65	04
	Nawabshah	000	0	1	18	07	97	01	0	030	97	1	2	6	0	0	76	01
	Sukkur	000	4	1	25	02	96	01	0	011	00	0	0	9	0	0	76	04
	Kashmore	000	0	0	18	03	99	00	0	006	94	0	0	9	0	0	67	01
	Jacobabad	000	0	0	18	03	97	02	0	012	02	0	0	9	0	0	70	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	3	7	29	05	97	02	6	468	65	7	9	3	0	0	61	68
Peshawar	Drosh	000	0	0	23	07	98	02	0	428	92	0	0	9	0	0	17	03
	Cherat	000	0	0	08	03	98	00	0	462	83	0	0	9	0	0	75	87
	Kakul	000	0	2	20	05	99	02	1	466	79	2	2	6	0	0	64	84
	Landi Kotal	000	0	0	13	03	98	00	0	445	88	0	0	9	0	0	59	93
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	799	82	0	0	9	0	0	77	xx
	Miranshah	000	0	0	00	00	99	00	0	450	91	0	0	9	0	0	83	94
	Wana	000	0	0	18	03	99	00	0	446	89	0	0	9	0	0	05	90
	Fort Sandeman	000	0	0	00	00	98	02	0	468	92	0	0	9	0	0	38	95
Quetta	Hindubagh	000	0	0	27	04	98	00	0	419	87	0	0	9	0	0	39	87
	Loralai	000	0	0	31	05	98	00	0	422	86	0	0	9	0	0	43	92
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	486	82	0	0	9	0	0	44	86
	Chaman	000	0	0	27	02	97	00	0	466	91	0	0	9	0	0	68	93
Kalat	Kalat	000	0	0	34	05	98	02	0	469	79	0	0	9	0	0	51	84
	Nushki	000	0	0	27	05	98	02	0	544	96	0	0	9	0	0	51	97
	Dalbandin	000	0	0	13	03	97	02	0	467	98	0	0	9	0	0	26	99
	Panjgur	000	0	0	31	03	98	00	0	488	95	0	0	9	0	0	34	96
Afghanistan	Kabul	000	0	0	18	03	98	00	0	489	77	0	0	9	0	0	59	85
	Kandahar																	

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

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)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	005	9	6	18	05	97	01	0	097	83	1	3	7	4	4	76	75	— 1	0	117.0	+ 6.5	132.8	140
	Chittagong	022	0	6	11	05	97	02	2	101	83	1	1	7	2	2	75	77	— 1	+ 1	94.8	+16.4	126.8	108
	Maijdee Court	012	9	8	00	00	96	03	2	080	82	2	5	6	2	x	75	79	— 4	+ 2	104.8	+19.3	136.7	115
	Comilla	031	9	8	00	00	97	02	6	081	79	8	4	5	x	x	76	xx	— 8	×	64.4	+ 0.4	90.4	94
	Brahmanbaria	087	0	8	00	00	97	02	1	102	79	2	5	5	2	1	78	74	—	—	64.8	+15.6	90.8	76
	Sylhet	075	9	8	09	05	96	61	6	101	77	4	5	6	x	x	75	73	—	—	139.1	—	177.1	—
	Srimangal	080	2	8	00	00	96	03	6	101	78	8	4	4	x	x	75	74	— 11	— 2	67.2	+ 7.4	72.3	98
Dacca	Mymensingh	382	9	8	09	02	97	21	6	106	75	8	7	5	x	x	74	75	— 14	— 4	76.2	+12.2	98.3	91
	Narayanganj	183	9	8	09	03	95	03	6	091	79	8	7	4	x	x	76	76	— 10	— 2	60.2	+11.1	85.4	74
	Dacca (Tezgaon)	421	9	4	11	05	97	02	9	089	77	7	7	3	2	x	76	74	—	—	69.5	—	84.8	—
	Faridpur	403	9	8	16	02	95	50	0	095	80	4	7	5	2	0	79	74	— 10	— 3	70.9	+23.3	99.3	71
	Barisal	006	4	6	00	00	97	03	5	090	82	6	0	7	4	0	77	80	— 5	+ 3	107.8	+50.7	121.6	81
Rajshahi	Khulna	030	0	8	23	05	95	03	2	083	81	8	5	5	x	x	77	78	— 7	+ 2	73.5	+24.2	97.9	68
	Satkhira																							65
	Jessore	108	9	8	13	07	95	03	6	078	80	8	7	5	x	x	77	78	—	—	57.6	+13.2	93.6	65
	Sirajganj	416	3	8	09	03	95	60	6	079	76	8	7	4	x	x	75	74	— 10	— 3	71.5	+25.9	96.0	64
	Bogra	368	[illegible]	8	00	00	95	63	6	091	75	8	7	3	x	x	74	74	— 15	— 3	71.5	+20.8	90.6	69
	Dinajpur	275	3	8	00	00	94	61	6	095	73	8	7	4	x	x	71	72	— 15	— 4	43.1	—13.5	60.4	72
	Rangpur	439	3	8	05	05	96	63	6	xxx	73	8	7	6	x	x	73	71	— 16	— 5	59.3	— 3.4	79.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	3	05	03	96	01	1	073	79	4	5	7	4	0	73	77	0	+ 12	21.8	+ 7.3	25.6	19
	Sialkot	155	2	6	00	00	98	01	6	073	74	6	4	6	x	x	71	71	— 1	+ 3	51.1	+27.6	56.5	32
Rawalpindi	Jhelum	036	2	4	00	00	97	02	9	072	76	4	0	9	7	0	68	70	—	—	36.8	—	47.1	—
	Rawalpindi	000	0	8	09	02	98	03	2	062	76	8	0	9	9	0	69	73	+ 2	+ 11	36.0	+12.5	49.1	36
	Khushab	000	0	3	07	03	99	03	1	058	79	3	3	6	0	0	74	78	+ 4	+ 9	14.3	+ 4.1	19.9	15
Multan	Lyallpur	000	0	0	13	02	96	00	0	051	78	0	0	9	0	0	75	70	+ 3	+ 3	14.5	+ 5.3	17.3	12
	Montgomery	000	0	0	13	02	96	00	0	046	82	0	0	9	0	0	73	78	+ 1	+ 8	6.1	— 1.4	8.4	10
	Multan	000	0	0	23	02	98	02	0	036	81	0	0	9	0	0	65	79	+ 6	+ 9	5.9	0	8.0	7
Bahawalpur	Leiah	000	0	0	18	01	98	00	0	037	81	0	0	9	0	0	72	79	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	23	02	96	02	0	048	83	0	0	9	0	0	78	79	+ 6	+ 10	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	20	05	97	00	0	046	86	0	0	9	0	0	73	80	+ 8	+ 12	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	0	16	03	99	00	0	040	96	0	0	9	0	0	69	76	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	4	00	00	97	03	0	041	75	4	0	8	4	0	71	69	—	—	9.9	—	25.5	—
	Peshawar	000	0	0	00	00	96	05	0	056	79	0	0	9	0	0	76	77	+ 2	+ 12	8.4	+ 3.9	22.3	14
	Haripur	000	3	3	23	04	97	03	0	034	83	3	0	9	7	0	73	73	—	—	19.6	—	30.5	—
	Campbellpur	000	0	0	05	02	98	00	0	075	83	0	0	9	0	0	76	77	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	040	84	0	0	9	0	0	72	75	—	—	12.1	—	19.1	11
	D. I. Khan	000	0	0	05	02	98	00	0	042	84	0	0	9	0	0	73	77	+ 4	+ 9	10.2	+ 4.7	13.9	10
Quetta	Sibi	000	0	0	36	02	99	00	0	055	81	0	0	9	0	0	67	81	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	07	02	98	02	0	072	74	0	0	9	0	0	28	72	—	—	0	—	1.1	2
	Turbat	000	0	0	18	03	96	00	0	076	79	0	0	9	0	0	75	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	4	00	00	97	03	0	078	78	2	6	4	0	0	74	75	—	—	0.3	—	5.9	4
	Pasni	000	0	2	29	02	97	00	0	078	80	2	0	9	7	0	73	76	0	+ 7	0.6	— 0.3	3.2	6
	Ormara	000	0	5	27	03	98	02	1	075	81	5	4	6	0	0	77	78	—	—	1.7	+ 0.9	4.2	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	...																	— 2					8
	Karachi (Air Port)	000	0	2	27	10	97	01	1	073	82	2	5	6	0	0	75	79	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	074	80	0	0	9	0	0	79	79	— 1	+ 7	11.2	+ 4.0	11.2	9
	Nagarparker	...																	—					—
	Umarkot	000	0	0	20	05	98	00	0	061	79	0	0	9	0	0	76	75	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	20	07	97	02	0	063	81	0	0	9	0	0	73	78	— 2	+ 4	14.6	+ 8.6	15.3	7
Khairpur	Pad-i-dan	000	0	0	13	09	97	02	0	048	80	0	0	9	0	0	73	76	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	07	97	02	0	055	81	0	0	9	0	0	76	77	—	—	6.4	—	7.1	—
	Sukkur	000	9	0	20	02	96	00	0	048	81	0	0	9	0	0	75	78	—	—	3.5	—	4.4	4
	Kashmore	000	0	0	00	00	[illegible]	00	0	051	88	0	0	9	0	0	72	78	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	02	97	02	0	050	82	0	0	9	0	0	76	79	+ 3	+ 8	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	029	2	6	27	02	97	02	0	478	61	6	5	5	0	0	59	58	— 1	+ 6	50.6	+14.7	75.8	59
Peshawar	Drosh	000	0	0	00	00	98	02	0	483	69	0	0	9	0	0	47	68	+ 21	+ 10	1.3	—	30.5	18
	Cherat	000	0	8	18	02	94	60	0	477	71	8	5	6	x	x	71	66	—	—	20.3	+ 8.3	30.3	29
	Kakul	000	8	5	00	00	96	04	9	480	73	5	4	6	0	0	64	69	—	—	48.5	—	53.2	—
	Landi Kotal	000	0	0	00	00	98	00	0	466	76	0	0	9	0	0	62	xx	—	—	3.3	—	26.4	—
D.I. Khan	Parachinar	000	0	0	00	00	99	00	0	800	63	0	0	9	0	0	44	xx	—	—	13.9	—	27.7	29
	Miranshah	000	0	0	00	00	99	00	0	466	79	0	0	9	0	0	72	69	—	—	2.7	— 2.1	5.7	13
	Wana	000	0	0	20	02	99	00	0	462	65	0	0	9	0	0	39	61	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	0	00	00	97	02	0	496	70	0	0	9	0	0	52	64	+ 5	+ 5	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	23	02	98	00	0	438	62	0	0	9	0	0	33	61	—	—	4.6	—	12.6	—
	Loralai	000	0	0	31	03	98	00	0	392	63	0	0	9	0	0	20	56	—	—	7.1		13.0	—
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	00	00	95	00	0	489	62	0	0	9	0	0	41	44	—	—	4.7	—	10.2	8
	Chaman	000	0	0	18	02	97	00	0	483	71	0	0	9	0	0	33	65	+ 5	+ 11	0.1	0	6.3	7
Kalat	Kalat	000	0	0	18	03	98	02	0	496	63	0	0	9	0	0	43	46	+ 5	+ 3	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	09	05	98	02	0	539	81	0	0	9	0	0	55	69	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	05	02	97	02	0	465	64	0	0	9	0	0	19	61	—	—	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	04	02	98	00	0	479	68	0	0	9	0	0	41	64	+ 4	+ 4	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	27	02	99	00	0	543	55	0	0	9	0	0	44	43	—	—	—	—	—	12
	Kandahar																							—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 3rd OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_sh_sh_s$	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President	63 228	641 00	1 27 06	98 02 0	081 80	11 4 00	56 40 0	--	..	--
Daressa	63 249	643 00	1 26 09	98 02 0	091 82	11 5 00	65 11 5	--		
Flying Eagle	63 195	596 06	2 30 05	98 02 0	105 83	21 4 00	15 20 2	--	0 03 73	1 20 20
Alvalos	63 254	572 06	0 00 00	98 02 0	040 88	00 9 00	75 21 0	--	0 00 86	1 00 x3
Isocardia	63 184	545 06	6 23 10	99 02 0	157 79	00 9 00	55 20 8	--	0 03 73	1 23 x1
Ocean Endurance	63 210	688 06	3 32 09	98 01 0	079 83	00 9 01	73 xx x	--	0 03 79	1 32 22
President	63 217	627 06	2 25 06	98 03 0	108 80	21 4 00	56 21 8	--	0 52 73	1 25 11
Flying Eagle	63 206	610 12	2 30 05	98 02 0	084 80	21 4 00	15 51 2	--	0 00 72	1 20 20
President	63 207	612 12	0 27 06	98 02 0	081 82	00 9 00	56 51 0	--	0 51 72	1 25 11
Daressa	63 248	626 12	3 23 09	98 02 0	061 86	32 5 00	55 61 2	--		
Bathumbee	63 147	504 12	3 15 06	98 01 1	056 84	22 6 90	15 21 3	--	0 00 77	1 14 31
Isocardia	63 158	533 12	4 22 10	98 02 1	125 8 1	40 9 30	55 71 3	..	0 52 75	1 22 x2
British Sailor	63 246	581 12	0 14 05	99 02 0	060 90	00 9 00	44 60 8	--	0 03 74	1 14 x1
Esso Exeter	63 214	595 12	0 10 09	97 02 0	068 80	00 9 00	45 60 8	..	0 04 74	1 18 22
Ocean Endurance	63 227	676 18	2 32 09	98 01 0	075 81	--	..	..	0 02 77	1 32 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	--	Misda	--	--	--	--	--	--	--	--	..	..	--
Jiwani ...														
Karachi ...	00 00	003 268 242	052 268 242	..	435 405 072	..	130 132 999	412 608 999	875 552 999	605 628 999	972 708	..	--	--
Lahore ...														
Multan ...														
Peshawar ...	00 00	963 262 222		--	420 228 182	..	118 138 035	392 048 638	841 562 732	556 638 999	--	--	--	--
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. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	Misda	--	--	--	--	--	--	--	--	--	--	..
Jiwani ...													
Karachi ...	00 00	900 208 152	800 205 075	..	..	--	--	--	--	--	800 205 075	--	--
Lahore ...													
Multan ...													
Peshawar ...	00 00	920 223 215	900 232 198	800 215 165	350 682 999	319 715 999	--		--	--	319 715 999	--	--
Quetta ...	00 00	Misda		..	--	--	--	--		--	--	--	--

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	No	Ascent								No	Ascent															
Chaklala ...	..	21 06	24 05	25 06	26 09	31 05	34 10	31 14	30 13		08 09	13 09	31 03													
Chhor ...										24 20	24 20	21 17	18 10	17 06	02 17											
Chittagong ...	16 13	17 17	17 19	18 21						16 15	16 16	14 15	16 14			19 08	18 10	17 11	16 14	16 09						
Cox's Bazar ...	16 17	18 15	19 17	19 17						16 16	17 11	17 10				17 18	17 18	17 21								
Dacca ...										12 14	14 19					12 15	16 19									
Dalbandin ...			15 05	25 02	28 04	32 17	24 09	04 05	05 09			10 07	12 06	28 04	30 12			11 03	05 03	34 01	31 10	31 23	32 08	28 06	31 08	39 04
D. I. Khan ...																										
Drosh ...					22 15	21 20	23 09	23 23	20 28				23 04	22 04	22 09					07 07	08 05	04 04	04 10	02 13	36 16	
Fort Sandeman ...				24 03	23 01	26 07	28 13	36 06	32 12				23 03	23 09	35 12				20 02	32 04	30 07	10 06	02 17	02 17	31 12	31 12
Jacobabad ...	18 07	20 07	20 07	20 03	20 04	32 05	35 07	04 12	03 10	19 19	20 15	31 11	19 03	27 06	29 12	18 03	19 09	20 07	35 04	30 06	16 03	32 07	31 07	32 09		
Jessore ...	No	Ascent								No	Ascent															
Jhelum ...	16 07	17 07	17 06	21 07	28 09	30 16	32 15	30 10	31 19	18 06	19 09	18 08	19 06			09 01	16 04	18 05	29 07	29 13	31 07					
Jiwani ...	22 11	23 10	23 07	04 05						22 05	22 05	27 03	08 01			19 07	19 10	19 10								
Karachi ...	25 17	27 21	27 20	28 11	25 07	04 03				28 15	28 17	28 17				26 17	27 16									
Khanpur ...	26 15	24 14	24 15	23 14	25 10	22 16				24 21	24 41	25 31	27 17	30 11	03 25	23 14	25 18	24 19	25 18	28 10	15 04	35 04	32 08	31 15		
Lahore ...	19 01	18 03	22 01	31 05	36 07					11 16	17 17	18 10	24 07	33 05		10 04	15 06	19 07	25 03	30 07	32 08	31 15	01 23			
Multan ...	21 08	20 08	19 06	19 08	24 07	31 10	33 17	35 10	35 12	22 24	23 19	22 12	23 10	26 13	29 13	23 06	25 04	24 03	21 07	21 09	27 06	24 07	34 15	31 19	28 20	28 22
Muscat ...																										
Panjgur ...																										
Peshawar ...					29 05	29 04	32 05	32 06	32 10		34 06	34 07	29 05	27 02	31 06		35 06	34 07	29 05	30 03	28 03	36 09	03 34	03 34		
Quetta ...														20 22	21 11					32 03	08 05	02 07	02 08	34 08		
Shahjah ...																										
Sylhet ...	No	Ascent								No	Ascent					07 15	07 15	08 14	13 08	17 10	18 20					
Veraval ...																										

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	28 24	27 24	27 18	28 09	26 05	04 09	05 13	11 09	09 07	05 13	02 13	09 11	--	--	--	--	--	--
Karachi ...	..	35 16	30 05	28 10	23 14	31 08	01 29	01 11	00 12	30 25	29 29	27 32	--	--	--	--	--	--
Peshawar ...																		
Quetta ...																		

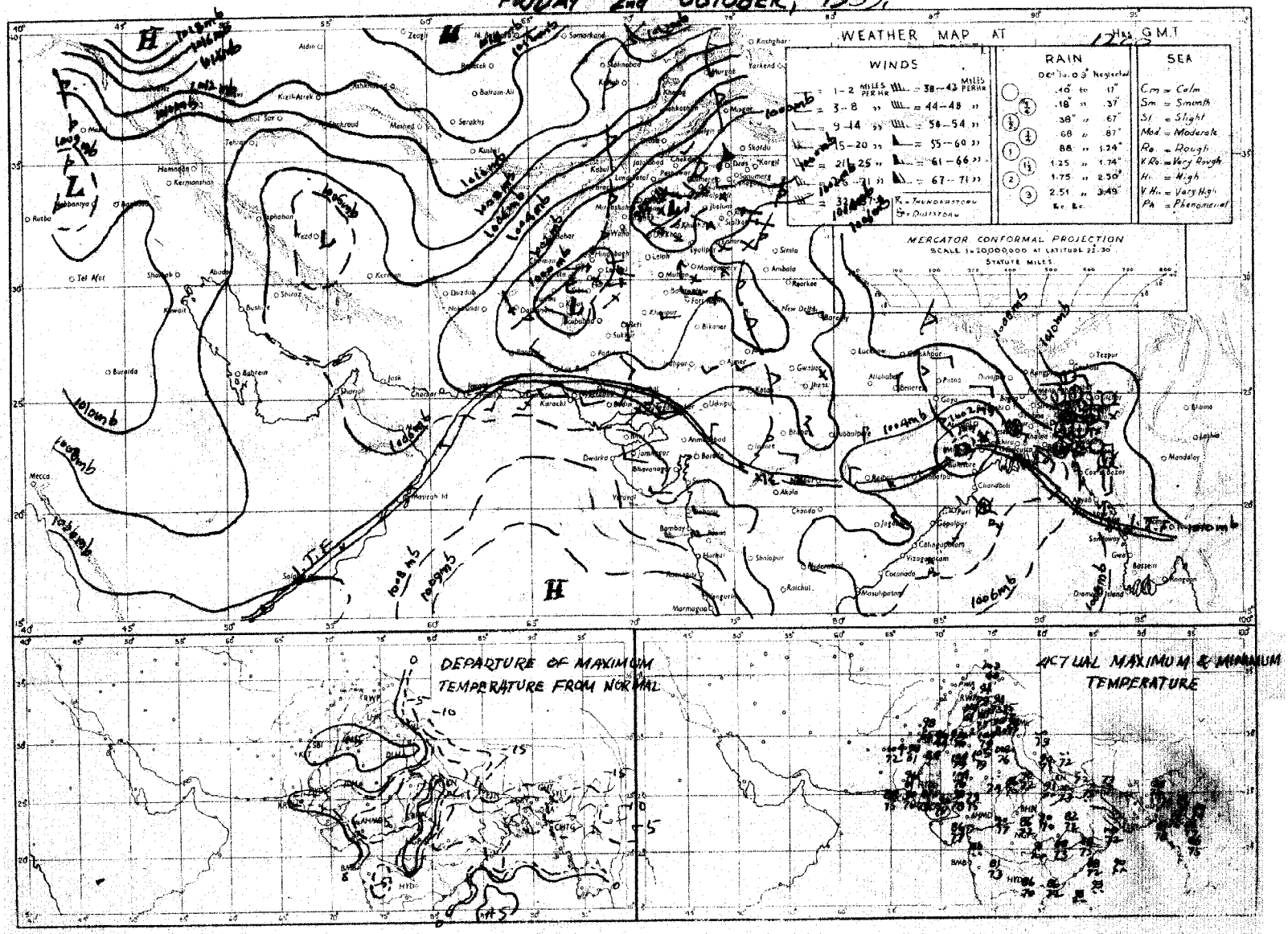
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY 2nd OCTOBER, 1959.

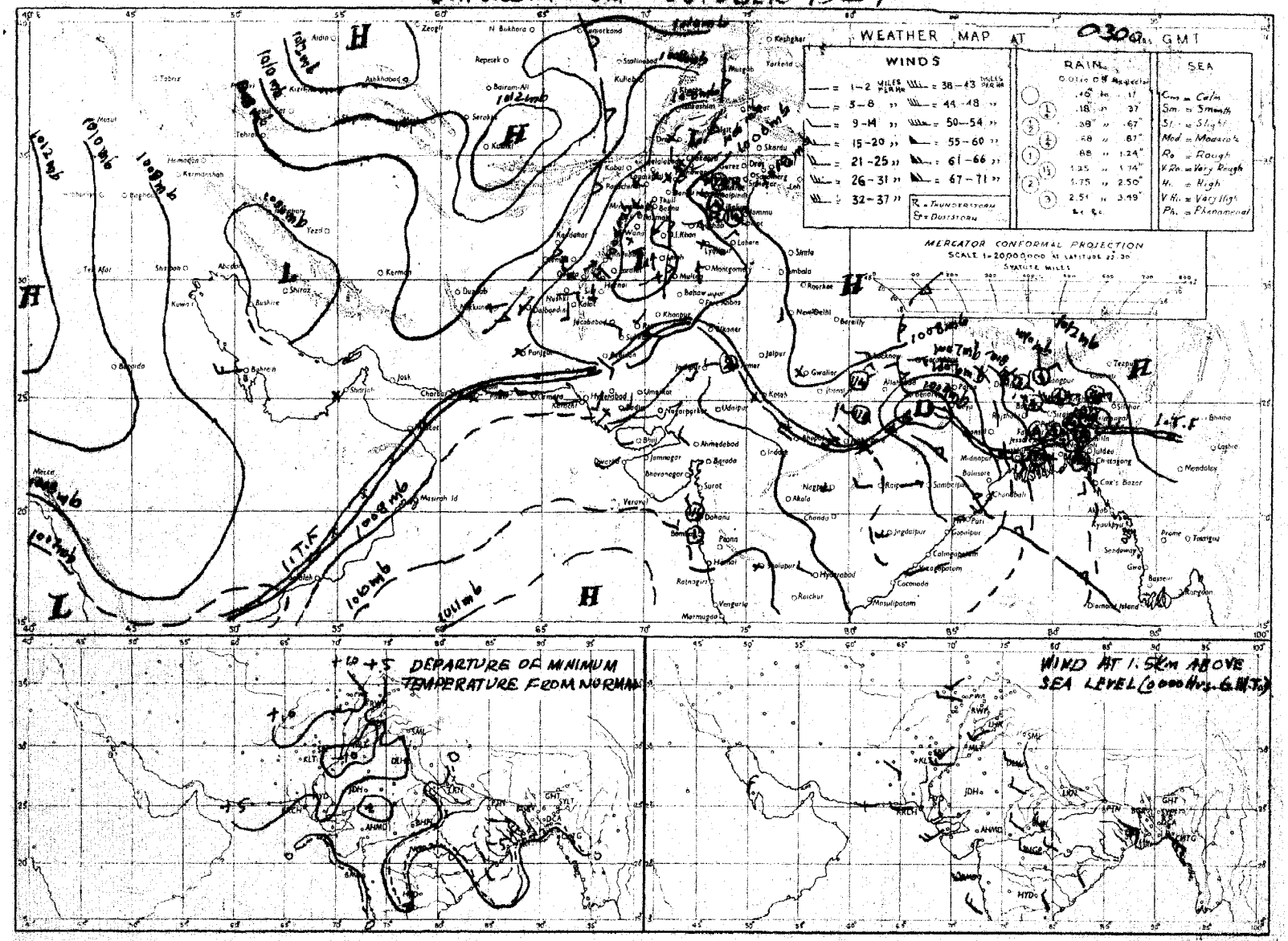


Rainfall amounts indicated in the above chart refer to past 24 hrs.

5

PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd OCTOBER 1959.



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

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PAKISTAN DAILY WEATHER REPORT

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SUNDAY THE 4th OCTOBER, 1959.

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

Observations from Chota Nagpur, Bihar and west Bengal are meagre but believe yesterday's depression weakened into a low last evening and now lies as a low over Bihar and neighbourhood.

Widespread rain with a few thundershowers has occurred in Dacca and Rajshahi divisions and fairly widespread in Chittagong division. Locally moderate to heavy falls are olso reported from Dacca and Rajshahi divisions.

Yesterday's low pressure wave over Rawalpindi division moved away eastwards while a fresh one is moving across Peshawar division. They have caused fairly widespread thunderstorm/showers in Rawalpindi division and scattered in Lahore and Peshawar divisions.

Chief amounts of rainfall are:- Rangpur 6"; Narayanganj 5"; Sirajganj, Bogra 4" each; Dacca, Satkhira, Rajshahi, Dinajpur 3" each; Mymensingh, Khulna, 2" each; Faridpur, Barisal, Jessore 1" each; Maijdee Court, Comilla, Brahmanbaria, Jhelum, Murree ½" each and Sylhet 1/4".

Day temperatures were:- 12—16°F below normal in upper Rajshahi division, 3—8°F so elsewhere over East Pakistan, Rawalpindi, Lahore, and Hyderabad divisions and were 3—5°F above normal in north Kalat, Quetta, D. I. Khan and Bahawalpur divisions.

Forecast valid until the evening of 5th October, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and local thunderstorm/showers in Peshawar and Rawalpindi divisions and scattered in D. I. Khan, Lahore divisions and Kashmir.

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

Karachi-11
The 4th October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	7	22	03	95	03	1	075	81	3	4	6	1	8	77	87
	Chittagong	000	0	6	23	05	97	02	1	074	82	4	2	7	2	0	78	86
	Maijdee Court	005	4	6	00	00	xx	03	5	061	80	2	2	6	2	0	79	84
	Comilla	015	1	8	00	00	94	50	6	066	78	8	4	5	x	x	77	84
	Brahmanbaria	010	3	8	05	02	95	60	6	069	79	4	7	5	2	x	78	79
	Sylhet	005	9	8	00	00	xx	51	6	073	77	4	5	5	2	x	75	81
	Srimangal	000	0	8	00	00	96	60	2	080	79	8	4	4	x	x	76	83
Dacca	Mymensingh	029	6	8	00	00	97	02	6	073	75	8	4	5	x	x	74	76
	Narayanganj	272	9	8	09	03	94	61	8	058	78	1	1	5	0	8	77	80
	Dacca (Tezgaon)	150	5	8	13	03	96	61	9	058	76	8	9	3	x	x	75	79
	Faridpur	025	8	8	16	07	95	03	6	066	78	6	4	5	2	x	77	80
	Barisal	072	4	4	18	02	97	03	6	058	80	4	0	8	4	0	77	82
Rajshahi	Khulna	200	5	8	00	00	95	03	6	054	80	8	5	5	x	x	79	81
	Satkhira	190	0	8	00	00	94	03	6	044	78	x	x	x	x	x	77	80
	Jessore	089	7	8	09	03	95	03	6	051	78	8	8	5	x	x	78	80
	Sirajganj	070	8	8	09	05	xx	02	6	054	75	x	x	x	x	x	73	82
	Bogra	164	9	8	09	09	95	61	6	061	73	8	7	4	x	x	73	75
	Dinajpur	046	4	8	xx	xx	xx	03	6	085	74	8	7	4	x	x	73	75
	Rangpur	180	8	7	09	05	96	01	6	xxx	73	7	7	6	0	0	73	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	1	03	00	96	02	0	032	89	1	0	9	3	0	73	92
	Sialkot	000	7	3	05	03	97	01	1	035	82	3	4	6	0	0	70	89
Rawalpindi	Jhelum	000	8	2	00	00	97	01	1	030	85	2	0	9	3	0	69	92
	Rawalpindi	000	0	7	18	09	98	17	2	026	85	4	6	6	9	0	77	93
	Khushab	000	0	2	00	00	99	01	1	017	93	2	2	6	0	0	70	94
Multan	Lyallpur	000	0	0	16	02	96	00	0	017	90	0	0	9	0	0	76	95
	Montgomery	000	0	0	00	00	96	00	0	014	97	0	0	9	0	0	69	01
	Multan	000	0	0	23	02	98	02	0	002	00	0	0	9	0	0	64	02
Bahawalpur	Leiah	000	0	0	05	02	99	05	0	008	94	0	0	9	0	0	69	00
	Khanpur	000	0	0	25	03	96	02	0	007	01	0	0	9	0	0	70	02
	Bahawalpur	000	0	0	23	02	97	00	0	016	00	0	0	9	0	0	73	02
	Fort Abbas	000	0	0	34	02	98	00	0	008	03	0	0	9	0	0	80	04
Peshawar	Chakdara	000	0	0	23	02	99	02	1	990	84	0	0	9	0	0	69	90
	Peshawar	000	0	1	36	02	96	05	0	002	92	1	1	6	0	0	73	93
	Haripur	003	4	4	31	02	97	03	0	009	89	4	1	6	0	0	73	95
	Campbellpur	000	0	0	08	03	98	00	0	009	93	0	0	9	0	0	79	97
D. I. Khan	Bannu	000	0	0	07	01	99	00	0	006	93	0	0	9	0	0	65	95
	D. I. Khan	000	6	0	00	00	98	00	0	003	96	0	0	9	0	0	81	99
Quetta	Sibi	000	0	0	23	02	99	00	0	004	05	0	0	9	0	0	57	07
Kalat	Nokkundi	000	0	0	34	02	99	02	0	998	00	0	0	9	0	0	42	04
	Turbat	000	0	0	18	02	96	00	0	041	98	0	0	9	0	0	95	04
	Jiwani	000	0	6	23	10	97	02	2	066	84	6	6	4	0	0	75	87
	Pasni	000	0	0	23	09	97	00	0	054	85	0	0	9	0	0	76	90
	Ormara	000	0	0	27	09	98	00	0	048	65	0	0	9	0	0	78	87
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	12	95	01	1	046	85	4	6	4	0	0	78	87
	Karachi (Air Port)	000	0	7	23	12	97	03	1	050	85	7	5	5	0	0	75	89
	Badin	000	0	0	23	02	97	00	0	051	91	0	0	9	0	0	74	94
	Nagarparker	000	0	0	27	03	98	00	0	045	92	0	0	9	0	0	69	95
	Umarkot	000	0	2	23	09	98	02	0	033	93	2	1	6	0	0	74	97
	Hyderabad	000	0	0	23	09	97	02	0	037	91	0	0	9	0	0	73	96
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	015	99	0	0	9	0	0	69	02
	Nawabshah	000	0	0	18	07	97	02	0	024	97	0	0	9	0	0	77	00
	Sukkur	000	0	0	31	02	96	00	0	007	98	0	0	9	0	0	76	02
	Kashmore	000	0	0	00	03	99	00	0	010	99	0	0	9	0	0	59	00
	Jacobabad	000	0	0	13	03	97	02	0	012	99	0	0	9	0	0	73	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Drass																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	032	4	9	11	05	90	95	4	471	60	9	x	0	x	x	58	64
Peshawar	Drosh	000	0	0	23	09	98	02	0	421	89	0	0	9	0	0	45	95
	Cherat	000	0	0	18	01	98	00	0	455	80	0	0	9	0	0	76	84
	Kakul	000	4	5	20	07	96	05	5	459	77	3	2	6	1	2	64	81
	Landi Kotal	000	0	1	13	03	98	01	0	443	84	1	1	7	0	0	66	88
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	799	81	0	0	9	0	0	76	xx
	Miranshah	000	0	0	00	00	99	00	0	458	90	0	0	9	0	0	83	92
	Wana	000	0	0	13	05	98	00	0	445	88	0	0	9	0	0	23	89
	Fort Sandeman	000	0	0	29	03	98	00	0	458	92	0	0	9	0	0	45	93
Quetta	Hindubagh	000	0	0	23	04	98	00	0	409	86	0	0	9	0	0	xx	86
	Loralai	000	0	0	18	02	98	00	0	424	85	0	0	9	0	0	46	89
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	97	02	0	459	85	0	0	9	0	0	59	87
	Chaman	000	0	0	18	02	97	00	0	473	90	0	0	9	0	0	24	92
Kalat	Kalat	000	0	0	31	05	97	02	0	469	78	0	0	9	0	0	52	85
	Nushki	000	0	0	31	05	98	02	0	544	96	0	0	9	0	0	43	97
	Dalbandin	000	0	0	13	03	98	02	0	471	97	0	0	9	0	0	14	98
	Panjgur	000	0	0	31	02	98	00	0	483	94	0	0	9	0	0	35	95
Afghanistan	Kabul	000	0	0	18	03	99	00	0	491	73	0	0	9	0	0	56	82
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	6	11	03	97	02	1	076	84	1	3	7	6	4	77	76	0	+ 1	117.3	+ 6.5	133.1	140
	Chittagong	009	6	7	xx	xx	97	02	6	082	78	4	2	5	2	0	77	77	— 1	— 1	94.8	+16.2	126.9	108
	Maijdee Court	040	8	8	00	00	96	21	6	092	80	5	2	5	2	x	78	78	— 3	+ 1	105.2	+19.4	137.1	115
	Comilla	045	9	8	00	00	97	02	6	083	80	8	4	5	x	x	77	75	— 5	— 1	64.8	+ 0.6	90.8	94
	Brahmanbaria	043	2	6	09	02	97	02	6	081	79	2	5	5	7	0	76	75	—	—	65.2	+15.6	91.2	76
	Sylhet	020	9	8	05	05	96	61	6	091	75	5	5	5	2	x	73	75	—	—	139.3	—	177.3	—
	Srimangal	015	9	8	00	00	96	21	6	041	78	6	5	4	2	x	76	74	— 8	— 2	67.3	+ 7.3	79.4	98
Dacca	Mymensingh	227	9	8	00	00	96	60	6	081	75	8	7	4	x	x	75	73	— 12	— 4	78.5	+14.3	100.6	91
	Narayanganj	479	9	8	13	03	96	03	6	070	80	8	7	3	x	x	78	79	— 9	+ 1	64.9	+15.7	90.2	74
	Dacca (Tezgaon)	284	9	8	13	05	97	02	6	066	79	6	5	4	2	x	77	74	—	—	72.3	—	87.7	—
	Faridpur	108	9	8	16	02	96	50	6	055	79	4	7	5	2	x	78	75	— 8	— 2	72.0	+24.2	100.3	71
	Barisal	092	6	8	09	02	96	60	6	071	80	8	6	5	x	x	79	77	— 6	0	108.7	+51.4	122.5	81
Rajshahi	Khulna	218	9	8	13	05	96	03	6	064	80	8	5	6	x	x	78	77	— 7	+ 1	75.6	+26.3	100.1	68
	Satkhira	290	3	8	00	00	94	61	6	101	75	x	x	x	x	x	71	76	— 8	0	59.1	+12.2	77.2	65
	Jessore	104	9	8	18	05	95	03	6	060	79	8	7	5	0	0	79	77	—	—	61.6	+17.0	97.8	65
	Sirajganj	348	3	8	09	02	95	29	6	060	75	8	7	4	x	x	75	74	— 6	— 3	75.0	+30.3	99.8	64
	Bogra	451	3	8	05	07	95	95	9	069	73	8	7	3	x	x	73	73	— 14	— 4	66.1	+15.2	95.1	69
	Dinajpur	288	3	8	00	00	96	02	6	080	73	8	7	4	x	x	71	72	— 14	— 4	45.9	+10.8	63.3	72
	Rangpur	560	3	8	09	05	96	63	6	xxx	73	8	7	6	x	x	72	70	— 16	— 6	65.1	+ 2.1	84.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	003	6	4	13	02	96	03	9	055	83	1	1	8	3	6	71	76	— 6	+ 11	21.8	+12.7	25.6	19
	Sialkot	000	0	4	00	00	97	02	0	050	78	4	5	6	0	0	75	72	— 6	+ 4	51.1	+27.6	56.5	32
Rawalpindi	Jhelum	042	3	8	18	07	94	95	9	055	75	5	3	5	2	x	73	73	—	—	37.2	—	47.5	—
	Rawalpindi	005	9	7	27	02	98	02	9	061	75	5	6	6	7	0	71	73	+ 1	+ 11	36.1	+12.5	49.1	36
	Khushab	000	0	0	09	03	98	00	0	047	81	0	0	9	0	0	76	78	— 4	+ 9	14.3	+ 4.1	19.9	15
Multan	Lyallpur	000	0	5	16	02	96	02	0	048	80	5	3	8	0	0	73	79	— 1	+ 12	14.5	+ 5.3	17.3	12
	Montgomery	000	0	0	00	00	96	03	0	034	82	0	0	9	0	0	73	79	+ 2	+ 9	6.1	— 1.4	8.4	10
	Multan	000	0	5	23	07	98	03	1	027	82	5	0	9	5	0	73	78	+ 4	+ 8	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	13	04	98	00	0	028	87	0	0	9	0	0	78	78	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	23	05	96	02	0	037	81	0	0	9	0	0	75	77	+ 3	+ 8	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	7	20	05	97	03	0	039	85	7	0	8	2	0	73	78	+ 5	+ 10	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	0	23	02	98	00	0	050	83	0	0	9	0	0	74	77	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	5	00	00	98	03	1	030	73	5	0	8	4	0	69	70	—	—	9.9	—	25.5	—
	Peshawar	000	0	1	31	03	96	05	0	050	76	1	1	6	0	0	72	75	+ 1	+ 10	8.4	+ 3.9	22.3	14
	Haripur	000	3	3	23	02	97	03	0	052	83	0	0	[illegible]	0	9	71	74	—	—	19.6	—	30.5	—
	Campbellpur	000	0	5	13	02	97	03	0	060	83	5	4	8	0	0	68	77	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	030	80	0	0	9	0	0	73	77	—	—	12.1	—	19.1	11
	D. I. Khan	000	0	0	05	02	98	00	0	036	83	0	0	9	0	0	73	77	+ 2	+ 9	10.2	+ 4.7	13.9	10
Quetta	Sibi	000	0	0	00	00	99	00	0	037	84	0	0	9	0	0	69	81	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	36	02	98	02	0	042	86	0	0	9	0	0	36	73	—	—	0	—	1.1	2
	Turbat	000	0	6	23	03	95	03	0	069	79	6	0	9	6	0	73	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	4	23	02	97	02	1	077	80	4	6	4	0	0	74	76	—	—	0.3	—	5.9	4
	Pasni	000	0	3	23	02	97	02	0	073	79	3	5	7	0	0	73	76	0	+ 7	0.6	— 0.3	3.2	6
	Ormara	000	0	4	27	05	98	01	1	066	80	4	4	7	0	0	79	78	—	—	1.7	+ 0.9	4.2	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	27	12	97	03	1	060	79	5	6	4	0	0	73	77	0	0	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	1	7	27	14	96	03	5	060	81	7	6	4	0	0	77	79	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	052	81	0	0	9	0	0	78	79	— 2	+ 7	11.2	—	11.2	9
	Nagarparker	000	0	0	23	02	97	02	0	058	85	0	0	9	0	0	75	79	—	—	30.8	—	30.8	—
	Umarkot	000	0	0	20	07	98	00	0	048	81	0	0	9	0	0	74	75	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	23	07	97	02	0	048	82	0	0	9	0	0	74	79	— 4	+ 5	14.6	+ 8.6	15.3	7
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	033	81	0	0	9	0	0	74	76	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	03	97	02	0	038	81	0	0	9	0	0	76	76	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	16	02	96	00	0	036	79	0	0	9	0	0	75	77	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	039	81	0	0	9	0	0	74	76	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	02	97	02	0	038	82	0	0	9	0	0	76	79	0	+ 8	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Drass																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	039	9	9	31	02	90	49	6	473	60	9	x	0	x	x	59	57	— 5	+ 5	51.0	+15.0	76.2	59
Peshawar	Drosh	000	0	0	00	00	98	02	0	468	69	0	0	9	0	0	53	68	+ 13	+ 10	1.3		30.5	18
	Cherat	000	0	0	23	02	98	00	0	477	70	0	0	9	0	0	67	67	—	—	20.3	+ 0.2	30.3	29
	Kakul	000	9	7	31	02	96	03	9	470	71	7	8	7	0	0	65	69	—	—	48.5	—	53.2	—
	Landi Kotal	000	0	0	00	00	98	00	0	474	73	0	0	9	0	0	68	xx	—	—	3.3	—	26.4	—
D.I. Khan	Parachinar	000	0	2	00	00	99	02	0	797	65	0	0	9	0	2	57	xx	—	—	13.9	—	27.7	29
	Miranshah	000	0	0	00	00	99	00	0	435	76	0	0	9	0	0	70	71	—	—	2.7	— 2.1	5.7	13
	Wana	000	0	0	20	02	98	00	0	462	68	0	0	9	0	0	45	60	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	0	00	00	97	02	0	476	72	0	0	9	0	0	53	64	+ 3	+ 5	7.2	+ 2.2	15.9	11
Quetta	Hindubagh	000	0	0	27	03	98	00	0	473	65	0	0	9	0	0	29	64	—	—	4.6	—	12.6	—
	Loralai	000	0	0	23	05	98	00	0	412	62	0	0	9	0	0	23	57	—	—	7.1		13.0	—
	Harnai	000	0	0	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	00	00	93	00	0	484	65	0	0	9	0	0	45	45	—	—	4.7	—	10.2	8
	Chaman	000	0	0	00	00	97	00	0	470	72	0	0	9	0	0	41	63	+ 4	+ 9	0.1	0	6.2	7
Kalat	Kalat	000	0	0	18	02	98	02	0	484	64	0	0	9	0	0	44	49	+ 6	+ 6	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	09	11	98	02	0	531	81	0	0	9	0	0	57	71	—	—	1.1		2.9	—
	Dalbandin	000	0	0	36	02	98	02	0	457	64	0	0	9	0	0	13	59	—	—	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	00	00	98	00	0	474	67	0	0	9	0	0	49	64	+ 3	+ 4	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	36	03	99	00	0	534	52	0	0	9	0	0	43	43	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 4th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wPH_w$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Daressa	73 240	600 00	0 23 05	97 02 0	046 82	00 9 00	65 42 9	—		1 22 33
British Sailor	73 222	606 06	2 22 18	98 02 0	097 81	21 4 00	34 22 8	—	0 52 72	1 22 21
Flying Eagle	73 234	650 06	2 22 10	98 02 0	108 85	21 4 00	15 00 2	—	0 02 75	1 23 22
Bethsabee	73 171	555 09	1 23 12	98 01 1	070 84	00 9 04	16 72 7	—	0 08 75	1 16 x1
Isocardia	72 155	578 12	2 16 08	98 02 0	120 90	21 8 00	55 61 0	—	0 00 77	1 22 22
British Sailor	73 218	613 12	3 22 13	98 02 0	078 82	31 4 00	33 70 8	—	0 51 72	1 18 42
Bethsabee	73 174	562 12	1 17 08	98 02 0	065 77	00 9 04	16 70 5	—	0 52 73	1 20 52
Barkiera	73 198	599 12	1 19 04	99 02 0	083 81	11 4 00	16 71 0	—	0 00 72	1 22 22
Corfu	73 157	587 12	1 22 09	99 02 0	077 82	12 7 00	26 81 2	—	0 02 72	1 00 x0
Bethsabee	73 181	570 15	1 00 00	98 02 0	072 79	10 9 40	17 20 7	—	0 04 73	1 20 32
British Sailor	73 204	622 18	0 20 05	98 02 0	108 80	00 9 00	34 11 2	—	0 51 73	1 27 31
Clan Campbell	73 097	744 18	4 33 07	98 02 1	117 81	21 5 41	65 21 7	—	0 50 72	1 31 33
Orontes	73 075	769 18	3 31 14	99 01 1	122 81	32 5 00	26 11 0	—	0 51 75	..
Corfu	63 160	604 18	2 23 09	98 02 0	096 84	22 00	26 20 8	...	0 01 73	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb.
		$PPPTTTT_dT^dT_d$	HHHTTT $T^dT^dT^d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	—	Misda	—	—	—	—	—	—	—	—	—	—	—
Jiwani														
Karachi	00 00	003 278 242	049 275 248	..	470 215 172	..	139 142 592	416 045 999	874 538 999	608 632 999	974 775	.	—	—
Lahore	00 00	—	Misda	..	..	..	..	—	—		—	—	—	
Multan														
Peshawar														
Quetta	23 00	963 248 235	—	—	400 210 210	—	108 105 105	374 055 042	841 562 645	545 670 999	966 795	245 962	433 051	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T^dT^dT^d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	—	Misda	—	—	—	—	—	—	—		—	..
Jiwani													
Karachi	00 00	900 272 255	800 218 058	..	..	—	—	—	—	—	800 218 058	—	—
Lahore	00 00	...	Misda	..	—	..	—	—	—	—			
Multan													
Peshawar													
Quetta	23 00	900 230 230	800 178 178	350 712 999	250 878 999	120 150 999	—	—	—	—	120 150 999	...	...

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

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

UPPER WIND DATA*

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	No	Ascent	...	..	...	—	—	—	.
Chaklala	22 12	22 14	22 15	22 11	24 05	35 05	33 17	28 09	27 07
Chhor	20 13	20 16	19 17	18 15	18 13	—	—		—
Chittagong	18 14	19 17	19 19	18 13	...	—	—	—	—
Cox's Bazar	No	Ascent							
Dacca	—	—	13 04	15 04	03 14	29 15	31 03	31 11	32 12
Dalbandin	..	—	—						
D. I. Khan	—	—	—		21 14	21 10	18 06	29 03	36 10
Drosh				17 03	23 04	24 07	30 12	36 21	
Fort Sandeman									
Jacobabad	19 07	19 06	19 05	03 03	23 07	24 09	36 14	29 14	30 19
Jessore	No	Ascent							
Jhelum	10 04	14 09	15 07	26 04	30 05	33 10	34 17	35 13	04 07
Jiwani	22 08	21 07	...	...	...		...	...	—
Karachi	26 20	26 20	27 15	—	...			..	..
Khanpur	25 10	22 13	22 14	23 11	23 07	32 07	32 11	29 16	28 16
Lahore	11 03	13 05	14 03	27 05	30 08	29 09	29 24	31 17	29 15
Multan	21 12	24 10	25 09	28 10	28 07	29 08	36 12	34 13	32 16
Muscat	—	—	—	—	...	...	—	...	—
Panjgur	—	02 04	10 03	16 09	21 09	30 13	36 15	02 29	03 37
Peshawar	—				32 03	19 03	05 13	36 09	35 14
Quetta	—	—	—	..					
Sha-jah	...			...	—	..	...	—	...
Sylhet	04 05	05 03	12 03	—	..	—	—	.	—
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	24 11	24 27	23 20	17 11	19 08	02 20
Chhor	18 15	18 15	18 15	17 16	15 17	—
Chittagong	15 20	15 22	16 20			—
Cox's Bazar	—	—	08 07	04 08	07 11	36 04
Dacca	—	—	—			
Dalbandin	—	—	—	23 03	22 02	18 02
D. I. Khan				23 03	30 08	32 13
Drosh				26 06	23 07	31 03
Fort Sandeman	19 17	19 10	19 04			
Jacobabad	17 31			...	..	—
Jessore	03 01	14 08	14 11			
Jhelum	24 11	23 10	26 04	28 06	35 05	05 07
Jiwani	27 12	..				..
Karachi	22 25	23 34	26 21	24 23	25 13	—
Khanpur	04 12	14 12	16 11	09 06		
Lahore	23 21	24 11	24 09	21 08	30 07	27 15
Multan	...	—	—	—	—	
Muscat	—					
Panjgur	..	34 09	26 02	27 02	28 01	35 04
Peshawar	..	—	—	—	31 08	31 13
Quetta				—	—	...
Sha-jah				—		..
Sylhet	10 11	11 14	12 12	—		
Veraval	...	...	—	..		

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	11 10	—	—	—	—	...	—	—	—	—	—
Chaklala	..	—	..	—	—	..	..	—	—	—	—
Chhor	14 11	16 15	17 18	18 12	19 13	16 10	—	—	—	—	—
Chittagong	16 17	16 21	17 20					—	—	—	—
Cox's Bazar	—	—	08 04	04 08	05 07	32 13	12 14	10 14	02 15	01 15	36 1[illegible]
Dacca	—	—	—	—							..
Dalbandin	—	—	—	—	21 03	07 02	34 13	36 16	01 13	04 19	..
D. I. Khan				36 02	34 03	30 07	01 07				
Drosh	13 03	16 04	12 14	20 01	28 02	13 07	03 25	02 19	04 15	01 31	32 1[illegible]
Fort Sandeman										..	—
Jacobabad										—	...
Jessore	07 02	16 03	16 08	22 02	34 05	35 07	07 02	02 07	02 10	—	...
Jhelum	22 05	24 03	—	—	—	—	—	—	—		...
Jiwani	28 21	28 22									—
Karachi	22 10	22 13	22 11	30 04	27 12	23 04	04 12	05 21	05 17	04 15	—
Khanpur	09 04	14 07	17 08	25 06	30 02	01 06	04 14	04 21	05 13	02 15	...
Lahore	36 05	03 05	36 04	28 05	25 06	29 10	02 19	02 17	02 16	05 23	02 1[illegible]
Multan	—	—	...	..	..	...	—		..	—	...
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	...	...	.	...	31 03	08 02	04 10	04 10	03 09	32 10	31 [illegible]
Peshawar	..	—	..	.						...	
Quetta										—	
Sha-jah							..		....		...
Sylhet	07 08	09 12	10 12	14 11	18 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.x	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 28	27 29	29 25	29 09	36 10	35 09	33 10	34 12	36 12	32 12	32 15	21 23	29 29	32 27	—		—	—
Peshawar	—	27 21	24 07	02 04	01 06	01 13	03 17	03 26	03 19	34 23	31 14							
Quetta																		

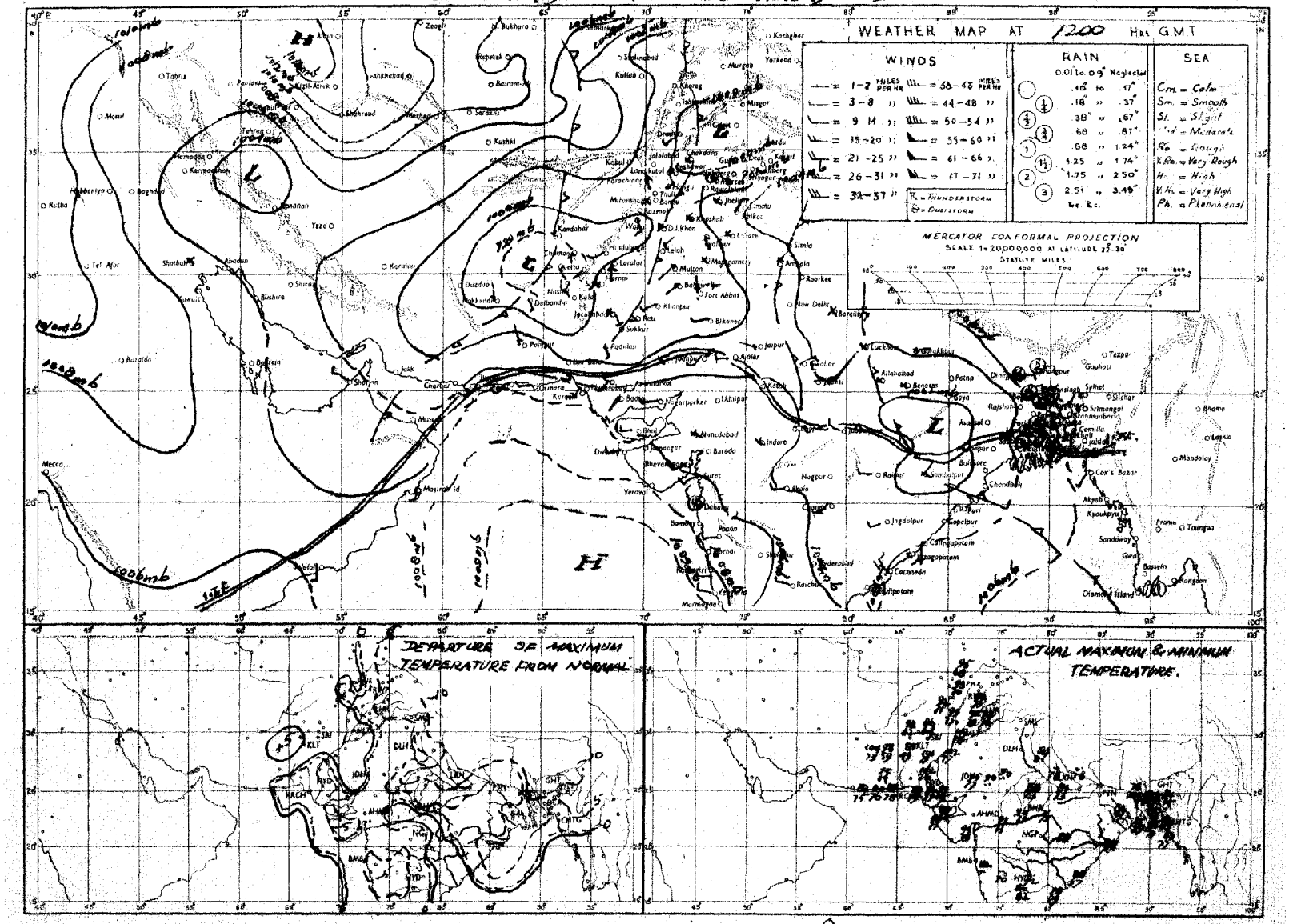
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 3rd OCTOBER, 1959



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

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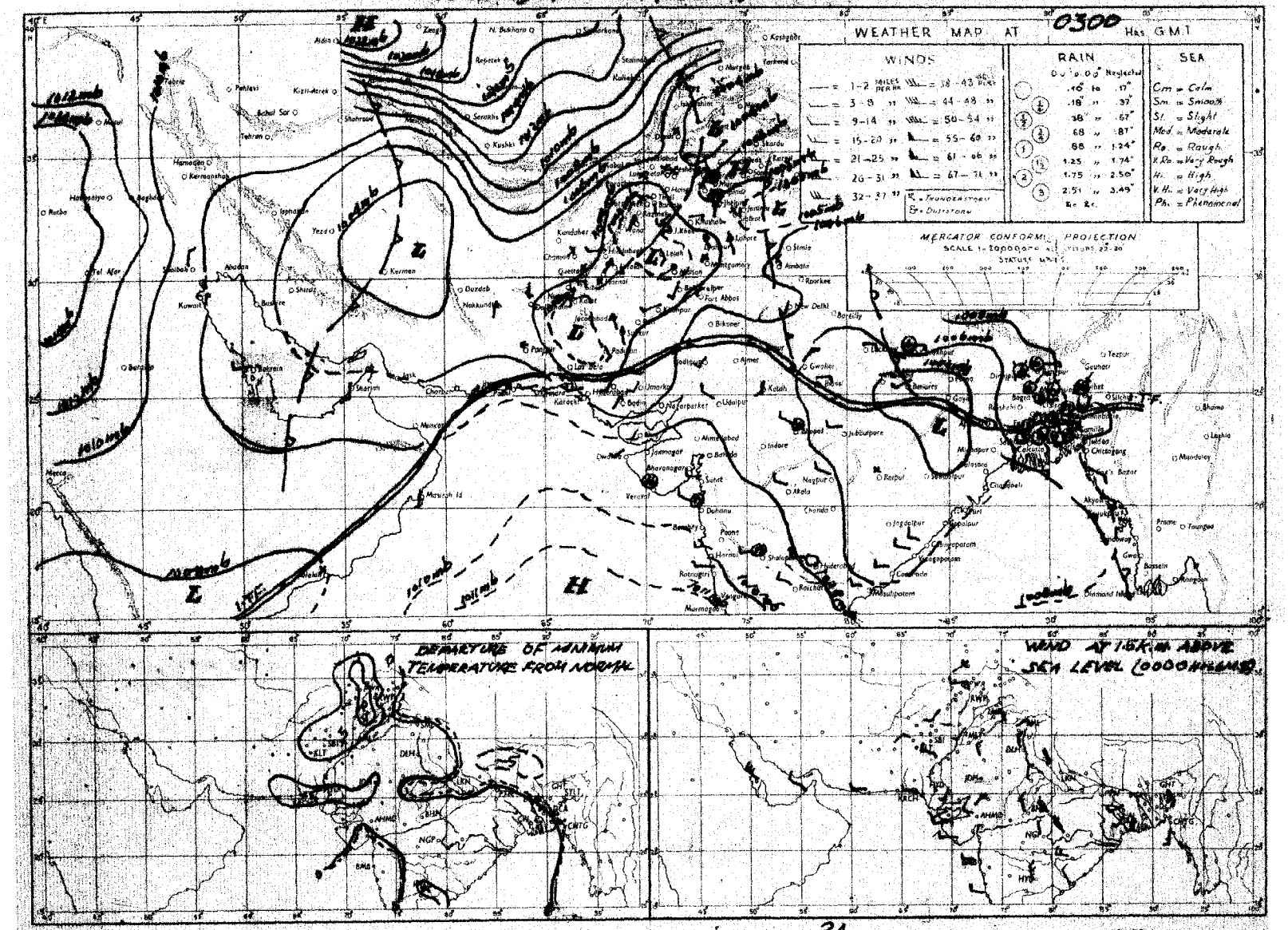
PAKISTAN DAILY WEATHER MAP

SUNDAY, 4th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 5th OCTOBER, 1959.

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

Yesterday's low now lies over southeast Uttar Pradesh and adjoining areas. In its association rainfall has been widespread in Dacca division, fairly widespread in Rajshahi division and local in Chittagong division.

The low pressure wave is now moving across Peshawar and adjoining Rawalpindi divisions.

Local thunderstorm/showers have occurred in Peshawar, Rawalpindi and Lahore divisions.

Chief amounts of rainfall are:- Faridpur 7"; Sirajganj 4"; Mymensingh, Barisal, Khulna 2" each; Narayanganj, Dacca, Rangpur 1½" each; Maijdee Court, Comilla, Bogra 1" each; Dinajpur, Jhelum ½" each and Brahmanbaria, Sylhet, Jessore, Rajshahi, Sialkot 1/4" each.

Day temperatures were:- 7—13°F below normal in East Pakistan, 3—5°F so in Lahore, Rawalpindi and Hyderabad divisions and 3—6°F above normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 6th October, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, fairly widespread thunderstorm/showers in Rawalpindi divisions, local in Peshawar and Lahore divisions and Kashmir and scattered in D. I. Khan division.

Karachi-11
The 5th October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature of (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (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 of (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	7	7	18	03	95	03	6	057	82	3	3	6	6	8	78	87	000	0	5	16	05	97	02	0	081	85	1	3	7	4	1	75	76		0	117.3	+ 6.3	133.1	140
	Chittagong	000	0	8	23	05	97	02	3	065	79	6	4	5	2	x	73	85	000	0	8	05	02	97	02	2	089	83	4	2	5	2	0	76	77	— 2	+ 1	94.9	+15.9	126.9	108
	Maijdee Court	085	2	6	18	03	xx	03	9	059	80	4	2	6	2	0	77	81	095	9	8	00	00	96	21	6	083	78	6	0	6	2	x	77	76	— 6	— 1	106.1	+20.0	138.0	115
	Comilla	095	1	8	00	00	94	50	6	058	77	8	4	5	x	x	75	82	104	9	8	00	00	97	02	6	082	78	8	4	5	x	x	79	76	— 7	0	65.9	+ 1.4	91.9	94
	Brahmanberia	016	3	8	00	00	94	60	6	064	77	4	2	5	2	x	75	83	022	0	7	00	00	97	03	1	092	79	2	3	5	2	0	76	76	—	—	45.4	+15.3	91.4	76
	Sylhet	000	9	8	00	00	xx	61	6	063	77	7	5	6	2	x	75	81	034	9	7	09	13	96	02	6	096	77	6	5	5	6	0	70	74	—	—	139.7	—	177.6	—
	Srimangal	001	2	8	00	00	94	60	6	067	79	7	5	4	2	x	78	84	008	1	7	00	00	96	03	6	097	80	4	5	6	3	0	73	74	— 7	— 2	67.4	+ 7.1	79.5	98
Dacca	Mymensingh	180	8	6	09	02	98	02	6	064	73	6	4	6	0	0	72	75	237	9	7	09	02	98	02	6	097	75	7	4	6	0	0	73	72	— 13	— 5	80.8	+16.4	102.9	91
	Narayanganj	116	6	8	09	03	xx	25	6	058	77	3	7	4	7	x	76	82	158	9	8	09	03	96	03	6	085	79	3	4	5	7	x	77	75	— 7	— 3	66.5	+17.1	91.8	74
	Dacca (Tejgaon)	117	6	8	09	05	97	29	9	054	75	8	9	3	2	x	75	80	171	9	8	11	02	97	61	6	083	79	2	4	4	x	x	76	75	—	—	74.0	—	89.4	—
	Faridpur	364	8	6	16	05	96	02	9	049	76	3	4	7	1	0	75	79	662	9	7	00	00	96	50	6	095	76	4	7	5	1	0	75	73	— 9	— 4	79.7	+31.7	106.9	71
	Barisal	021	7	8	00	00	96	60	6	049	80	0	6	4	0	0	78	83	184	9	8	09	02	96	03	6	079	80	8	7	5	x	x	77	76	— 5	— 1	110.5	+53.0	124.4	81
Rajshahi	Khulna	051	6	3	00	00	96	01	6	047	78	3	5	7	0	0	77	85	181	0	6	13	05	97	01	2	083	80	6	5	7	0	0	77	76	— 3	0	77.4	+27.9	101.9	88
	Satkhira	000	0	6	00	00	96	01	2	040	81	x	x	8	x	x	79	84	000	0	8	00	00	95	03	2	078	81	x	x	7	x	x	77	76	— 5	0	59.1	+12.0	77.2	85
	Jessore	024	6	8	16	03	95	02	6	038	80	4	4	5	0	0	75	80	030	9	8	18	05	95	62	6	078	78	8	7	5	0	0	75	72	— 9	— 5	61.9	+17.2	98.1	85
	Sirajganj	230	8	8	09	05	94	02	9	043	75	8	7	3	0	0	75	79	349	3	8	09	02	96	50	5	075	77	8	7	5	0	0	75	72	— 13	— 4	78.5	+32.6	103.3	84
	Bogra	042	9	8	09	05	95	02	9	046	75	7	7	4	0	1	73	76	100	6	8	09	02	96	51	6	087	75	6	7	4	2	x	73	73	— 10	— 4	67.1	+16.0	96.1	80
	Dinajpur	000	8	8	09	xx	xx	03	2	055	76	8	7	5	x	x	73	79	046	3	8	09	xx	94	61	6	090	73	8	7	4	x	x	71	72	— 12	— 4	46.4	+10.5	63.7	72
	Rangpur	020	8	6	05	05	96	01	6	xxx	76	4	7	6	2	0	73	77	147	3	8	09	05	96	63	6	xxx	72	8	7	6	x	x	71	72	— 12	— 4	66.5	+ 3.3	86.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	01	1	019	87	2	3	6	4	3	73	96	000	0	1	09	02	96	03	0	052	80	1	0	9	3	0	71	75	— 2	+ 10	21.8	+ 7.3	25.6	19
	Sialkot	019	6	2	00	00	97	01	6	019	84	2	2	6	x	x	72	85	019	1	5	05	02	97	02	0	053	80	5	4	6	x	x	76	76	— 10	+ 8	51.3	+27.7	56.7	32
Rawalpindi	Jhelum	055	7	2	13	02	97	01	3	015	87	1	1	7	3	0	75	91	055	0	7	05	02	97	03	0	054	79	4	5	6	3	0	73	72	—	—	37.8	—	48.1	—
	Rawalpindi	000	0	1	00	00	99	00	2	010	87	1	3	6	0	0	74	89	000	0	6	11	02	97	17	2	037	79	6	6	5	0	0	74	74	— 3	+ 12	36.1	+12.5	49.1	36
	Khushab	000	0	3	00	00	95	05	0	006	93	3	2	6	0	0	71	95	000	0	0	09	02	99	00	0	047	82	0	0	9	0	0	75	77	— 3	+ 8	14.3	+ 4.1	19.9	15
Multan	Lyallpur	000	0	4	16	02	96	01	0	004	92	4	0	9	3	0	77	94	000	0	5	16	02	96	02	0	040	78	5	0	9	4	0	72	77	— 2	+ 10	14.5	+ 5.4	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	005	95	0	0	9	0	0	73	97	000	0	0	00	00	96	03	0	047	79	0	0	9	0	0	71	76	— 2	+ 6	6.1	— 1.4	8.4	10
	Multan	000	0	0	00	00	97	05	0	995	00	0	0	9	0	0	67	01	000	0	0	13	03	98	02	0	037	82	0	0	9	0	0	73	79	+ 3	+ 9	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	36	02	98	05	0	035	97	0	0	9	0	0	77	00	000	0	0	00	00	xx	00	0	051	78	0	0	9	0	0	77	xx	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	27	02	96	02	0	020	98	0	0	9	0	0	70	00	000	0	0	20	07	97	02	0	040	79	0	0	9	0	0	73	76	+ 1	+ 7	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	3	23	02	97	00	0	009	98	3	0	9	0	3	73	00	000	0	0	20	07	97	00	0	045	84	0	0	9	0	0	73	78	+ 3	+ 10	5.4	+ 1.3	6.4	6
	Fort Abbas	000	0	0	23	03	98	00	0	988	99	0	0	9	0	0	64	04	000	0	0	23	03	98	00	0	043	82	0	0	9	0	0	73	75	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	23	02	99	02	1	973	88	0	0	9	0	0	69	89	010	3	8	27	04	96	95	9	030	72	8	6	7	x	x	71	71	—	—	10.0	—	25.5	—
	Peshawar	000	0	1	00	00	96	05	0	994	91	1	1	6	0	0	72	93	000	0	1	36	02	97	02	0	038	79	1	3	7	0	0	76	76	+ 1	+ 11	8.4	+ 3.9	22.3	14
	Haripur	000	3	4	13	04	97	03	1	995	90	4	1	6	0	6	76	94	000	4	7	13	02	96	01	9	023	78	7	1	6	7	0	74	75	—	—	19.6	—	30.5	—
	Campbellpur	000	0	0	13	02	98	00	0	010	92	0	0	9	0	0	78	94	000	0	4	13	03	98	03	0	056	83	3	2	9	0	1	73	60	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	983	93	0	0	9	0	0	69	95	000	0	0	00	00	99	00	0	032	80	0	0	9	0	0	72	78	—	—	12.1	—	19.1	11
	D. I. Khan	000	0	0	00	00	98	00	0	991	98	0	0	9	0	0	76	99	000	0	0	05	02	98	00	0	037	83	0	0	9	0	0	75	77	+ 2	+ 9	10.2	+ 4.7	13.9	10
Quetta	Sibi	000	0	0	23	02	99	00	0	995	03	0	0	9	0	0	59	05	000	0	0	18	02	99	00	0	035	82	0	0	9	0	0	68	80	—	—	3.4	—	4.1	5
	Nokkundi	000	0	0	02	02	99	02	0	986	98	0	0	9	0	0	26	00	000	0	0	34	02	99	02	0	047	74	0	0	9	0	0	30	57	—	—	0	—	1.1	2
	Turbat	000	0	0	23	03	96	00	1	035	96	0	0	9	0	0	81	97	000	0	6	27	04	95	03	0	074	80	0	0	9	6	0	78	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	5	23	12	97	02	2	050	83	5	6	4	0	0	76	87	000	0	6	23	03	99	03	0	063	80	6	6	4	0	0	76	76	—	—	0.3	—	5.9	4
	Pasni	000	0	0	23	12	97	00	0	038	85	0	0	9	0	0	73	90	000	0	4	27	02	97	00	0	064	80	4	5	7	0	0	73	77	— 0	+ 8	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	12	98	00	0	031	85	0	0	9	0	0	70	86	000	0	8	27	05	98	00	0	059	81	0	0	9	0	0	75	77	—	—	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	29	12	98	01	1	041	86	3	6	4	0	0	77	87																		0					—
	Karachi (Air Port)	000	0	4	23	12	96	02	0	041	85	0	0	5	5	0	75	88	000	3	6	27	10	96	03	5	060	81	6	6	5	0	0	75	79	— 4	—	22.6	—	22.9	9
	Badin	000	0	0	23	02	97	00	0	041	90	0	0	9	0	0	76	92						98											79						—
	Nagarparkar	000	0	0	27	05	98	00	0	978	91	0	0	9	0	0	70	94	000	0	0	23	02	98	00	0	078	87	0	0	9	0	0	73	75	—	—	30.8	—	30.8	—
	Umarkot	000	0	4	20	09	98	00	0	021	91	4	1	6	0	0	73	95	000	0	0	20	07	97	00	0	047	79	0	0	9	0	0	73	75	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	23	09	97	02	0	022	91	0	0	9	0	0	70	96	000	0	0	23	07	97	02	0	045	81	0	0	9	0	0	74	53	— 4	+ 4	14.6	+ 8.6	15.3	7
Khairpur	Padidan	000	0	0	18	02	97	02	0	003	01	0	0	9	0	0	63	03	000	0	0	13	05	97	02	0	034	79	0	0	9	0	0	72	75	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	00	00	97	02	0	013	98	0	0	9	0	0	72	01	000	0	0	18	07	97	02	0	036	80	0	0	9	0	0	76	74	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	05	02	96	00	0	999	96	0	0	9	0	0	78	00	000	0	2	16	03	96	03	0	038	78	0	0	9	0	0	74	76	—	—	3.5	—	4.6	—
	Kashmore	000	0	0	xx	00	99	00	0	002	95	0	0	9	0	0	72	97	000	0	4	xx	xx	99	00	0	032	78	5	1	6	0	0	56	76	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	07	97	02	0	004	97	0	0	9	0	0	77	99	000	0	0	09	05	97	02	0	025	81	0	0	9	0	0	77	78	— 2	+ 7	3.8	+ 1.5	4.5	4
Junagadh Afghanistan	Veraval																																								20
	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								—
Kashmir	Srinagar																																								26
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Minar																																								—
	Aliabad																																								5
	Gilgit																																								59
Rawalpindi	Murree	000	8	8	29	02	97	03	4	449	63	8	5	4	x	x	59	64	000	9	9	09	02	91	49	1	475	60	9	x	0	x	x	58	56	— 5	+ 4	51.0	+14.9	76.2	18
	Drosh	000	0	0	23	10	98	02	0	402	88	0	0	9	0	0	49	95	000	0	2	00	00	98	01	0	450	72	2	1	7	8	0	54	72	+ 13	+ 14	1.3	—	30.5	18
	Chitral	000	0	0	18	03	98	00	0	461	79	0	0	9	0	0	68	83	000	0	8	18	03	91	47	4	487	68	8	5	6	x	x	68	67	—	—	20.3	+ 8.2	30.3	29
	Kakul	000	8	4	13	07	97	01	2	451	77	4	3	6	0	0	65	79	000	9	5	13	05	97	17	1	470	72	5	3	6	0	3	64	xx	—	—	48.5	—	53.2	—
D. I. Khan	Landi Kotal	000	0	1	16	03	98	03	0	433	84	1	1	7	0	0	65	87	000	0	2	05	02	98	03	0	455	74	2	5	5	0	0	68	xx	—	—	3.3	—	27.7	—
	Parachinar	000	0	0	13	02	99	00	0	798	89	0	0	9	0	0	75	xx	000	0	1	00	00	99	00	0	799	64	1	0	9	0	0	64	xx	—	—	13.9	—	29.4	—
	Miranshah	000	0	0	05	02	99	00	0	437	89	0	0	9	0	0	79	91	000	0	0	00	00	99	00	0	466	78	0	0	9	0	0	67	72	—	—	2.7	— 2.1	5.6	13
	Wana	000	0	0	11	03	98	00	0	434	86	0	0	9	0	0	38	88																							—
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	448	92	0	0	9	0	0	49	93	000	0	0	00	00	97	02	0	484	72	0	0	9	0	0	58	65	+ 3	+ 6	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	23	05	96	00	0	420	85	0	0	9	0	0	45	85	000	0	0	27	03	98	00	0	454	63	0	0	9	0	0	38	62	—	—	4.6	—	12.6	—
	Loralai	000	0	0	13	05	99	00	0	428	94	0	0	9	0	0	45	87	000	0	0	31	03	98	00	0	410	59	0	0	9	0	0	29	53	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	29	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	00	00	95	00	0	446	84	0	0	9	0	0	50	86	000	0	0	00	00	94	00	0	469	65	0	0	9	0	0	41	46	—	—	4.7	—	10.2	8
	Chaman	000	0	0	31	02	97	00	0	448	89	0	0	9	0	0	59	91	000	0	0	18	01	97	00	0	452	71	0	0	9	0	0	40	66	+ 3	+ 12	0.1	— 0	6.2	7
	Kalat	000	0	0	31	03	98	02	0	437	79	0	0	9	0	0	53	85	000	0	0	18	12	98	02	0	484	63	0	0	9	0	0	43	47	+ 6	+ 4	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	27	11	98	02	0	493	94	0	0	9	0	0	51	97	000	0	0	09	05	98	02	0	491	81	0	0	9	0	0	50	71	—	—	1.1	—	2.9	—
Afghanistan	Dalbandin	000	0	0	09	05	98	02	0	460	95	0	0	9	0	0	23	97	000	0	0	00	00	98	02	0	448	63	0	0	9	0	0	23	57	—	—	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	31	03	98	00	0	477	93	0	0	9	0	0	40	93	000	0	0	00	00	98	00	0	471	66	0	0	9	0	0	40	62	+ 1	+ 2	2.5	—	4.3	4
	Kabul																																								12
	Kandahar																																								—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 5th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_h h_s$	O $T_sT_sT_dT_d$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bethsaloe	13 203	590 03	4 19 08	98 03 0	083 79	41 5 00	16 10 5	...	0 51 72	1 19 21
Edjele	13 247	581 06	8 09 07	98 02 0	091 88	00 9 00	76 11 2	...	0 04 79	1 09 [illegible]
Iphegenia	13 264	665 06	7 37 15	98 02 6	085 82	75 4 20	65 10 4	...	0 00 79	1 27 22
British Sailor	13 186	637 08	1 22 09	98 02 0	117 81	34 2 20		...	0 51 72	1 22 31
Bethsaloe	13 216	596 09	1 22 12	98 01 0	073 82	13 5 00	86 72 1	...	0 03 73	1 22 22
Bethsaloe	13 224	599 12	0 17 13	98 01 0	055 81	00 9 00	86 71 8	...	0 06 73	1 17 22
British Sailor	13 178	645 12	2 24 09	98 02 0	089 83	21 4 00	34 40 0	...	0 01 71	1 22 31
Clancampbell	12 099	691 18	2 31 07	98 02 1	118 80	22 6 00	65 21 5	...	0 51 73	1 31 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT$_d$T^{d}T$_d$	HHHTTT T^{d}T^{d}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	—	Misda	...	...	—	...	—	...	...	—	...	..	...
Jiwani ...														
Karachi ...	00 00	004 272 245	052 272 272	..	430 172 175	..	111 102 572	438 028 702	826 568 692	546 632 999	968 782	246 965	—	—
Lahore ...	00 00	—	Misda	..	..	..	..	—	—	..	—	—	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	962 228 192	—	—	400 215 215	—	097 112 098	359 002 538	799 555 742	513 642 999	965 715	—	..	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T^{d}T^{d}T^d									Max. Height Reached PPPTTT $T_dT_dT^d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	—	Misda	...	—	—	...	—	—	...	-	—	..
Jiwani ...													
Karachi ...	00 00	900 198 198	800 185 072	..	..	—	.	—	...	—	800 185 072	—	—
Lahore ...	00 00	—	Misda	..	—	..	—	—	...	—	—	...	—
Multan ...													
Peshawar ...													
Quetta ...	00 00	900 238 238	800 185 185	350 698 999	250 852 999	235 882 999	—	—	—	...	235 882 999	—	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.→	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	10 1[illegible]	—	...	..	...	—	...	—	.	No	Ascent	—	..	..	—	11 11	15 13	..	—	—	...	...	...	...	—	—
Chaklala ...		—		—	—	—	—	—	..	...	—	—	..	...	...	..	—	—	—	...	..	..	...	...	—	—
Chhor ...	22 12	22 16	22 15	—	—	—	..	—	—	22 23	—	—			—	—	—			—	—	—	—	—	..	—
Chittagong ...	19 05	19 09	19 09	19 11	—	—	—	.	—	17 11	17 15	17 17	17 19	16 13	19 11	16 12	...	17 21	17 19	—	—		—	—	—	—
Cox's Bazar ...	19 10	18 14	17 14	19 12	17 12	18 10	..	—	—	15 19	15 23	15 24	15 15	..	...	15 12	16 17	17 19	—	...	—		—	—	—	—
Dacca ...	18 14	..	—	—	—	—	—		..	14 15	14 14	16 16	16 16	16 19	18 13	15 06	15 14	16 16	17 20	..				—	—	—
Dalbandin ...	—	—	09 02	17 01	36 07	33 12	33 09	19 06	11 12	—	—	31 01	33 08	35 24	35 24	—	16 12	36 06	36 03	36 14	36 18	35 26	33 24	23 13	27 16	29 21
D. I. Khan ...	.	—	—		—	—	—	—	..	—	—	—				—	—	—	—					...	...	...
Drosh ...	—	—	—	—	21 11	20 17	19 12	22 05	24 08	—	—	—	24 04	24 08	22 14	—	—	—		21 06	20 07	18 06	17 05			
Fort Sandeman ...		—	—	21 02	21 04	27 03	30 13	33 13	01 15	...	...	—	06 03	31 07	29 08			—	21 02	30 05	22 11	27 10	22 05	26 16	26 16	29 2[illegible]
Jacobabad ...	16 06	19 06	18 03	24 04	30 04	20 01	03 08	03 23	03 17	18 11	20 08	20 05	25 05	27 09	34 09	24 01	17 01	19 01	03 03	35 01	33 01	01 07	03 10	01 13	01 12	36 1[illegible]
Jessore ...	No	Ascent	—	—	..			—	—	No	..	...				13 10	15 17									
Jhelum ...	14 06	16 06	17 05	26 03	30 03	34 08	01 10	02 11	03 08	11 08	13 11	15 11	15 07	32 03	28 07	12 08	14 10	14 10	17 10	16 06	05 01	14 02	11 07	28 08	26 10	—
Jiwani ...	21 09	22 05	28 05	32 04	31 04	36 05	...	...	—	22 02	24 03	29 02	33 03	36 06	36 03	23 09	23 06	23 06	—	...	...	...	—	—	—	—
Karachi ...	27 12	27 15	27 14	—	...		.		..	27 10	..	—	—		..	28 10	26 15									
Khanpur ...	26 06	23 08	22 09	22 08	24 12	27 12	26 06	34 11	03 22	22 23	22 16	24 13	28 07	24 10	26 06	21 11	23 13	24 11	19 05	26 09	27 03	02 08	05 10	01 15	03 17	04 11
Lahore ...	07 03	09 03	19 02	20 05	23 06	35 06	02 07	02 15	01 16	15 10	15 10	14 08	12 05	09 03	04 00	12 06	14 07	12 10	12 09	12 07	13 01	14 03	09 07	04 07	01 09	02 0[illegible]
Multan ...	24 01	28 02	29 03	32 08	31 10	30 17	30 14	32 14	01 21	22 20	23 15	22 08	13 02	28 05	01 10	21 04	17 06	13 05	21 03	27 03	06 03	03 06	35 10	36 11	36 08	3[illegible] 1[illegible]
Muscat ...	—	—	—	—	...	...	—	...	—	—	—	—	—	—	..	—	—	—	..	..	...	...	..	...	...	...
Panjgur ...	—	—	—	—	—	—				—	—	..	...	—	—	—	—	—	—	...	...	—	...	..	...	...
Peshawar ...	...	05 04	11 04	17 09	20 10	33 11	35 12	34 15	34 15	..	—	..	—	...	—	—	—	..	...	..	...					
Quetta ...	...	—	...		31 05	34 04	35 05	0 08	35 07	..	—	—	...	27 07	30 17	—	—	..	—	18 03	30 12	29 13	22 13	24 17	26 19	30 2[illegible]
Sha-jah ...	—	—		—	..	.	...	—	...	...	—	...		—	—	—	—	—	...	..	—			...	—	—
Sylhet ...	08 05	07 07	10 08	16 06	..	—	—		—	08 21	12 04	17 02	19 05	—	..	09 12	10 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																—	—	—
Karachi ...	28 15	28 18	29 18	30 13	35 06	03 15	04 19	04 22	15 27	02 27	02 27	02 29	02 29	02 32	01 40	—	—	—
Peshawar ...	—	26 08	19 08	19 09	23 08	14 04	35 09	29 17	29 16	36 17	26 26	28 48	27 36	27 24	...	—	—	—
Quetta ...																		

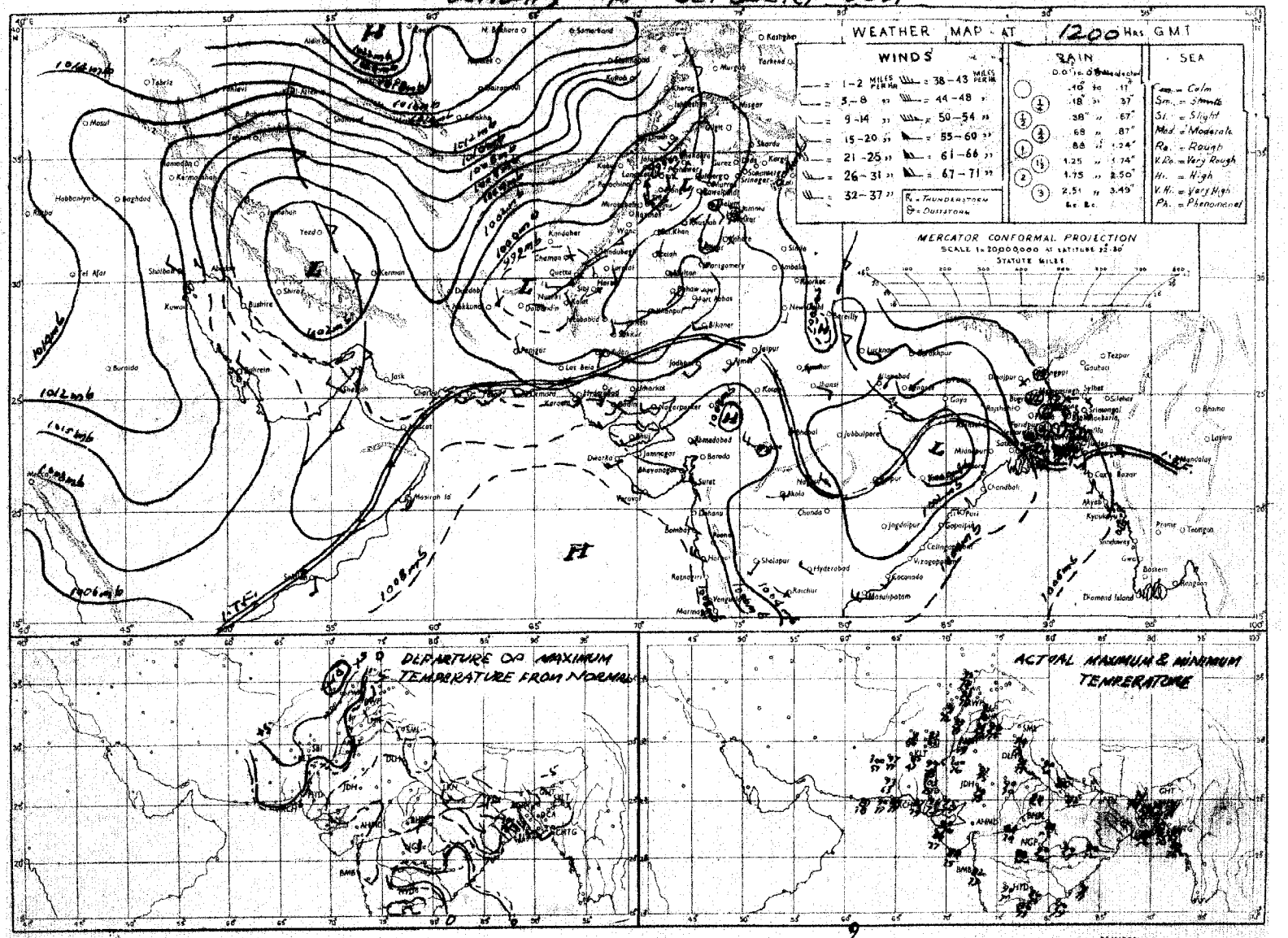
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in Knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" is omitted.

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

SUNDAY, 4th OCTOBER, 1959.



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

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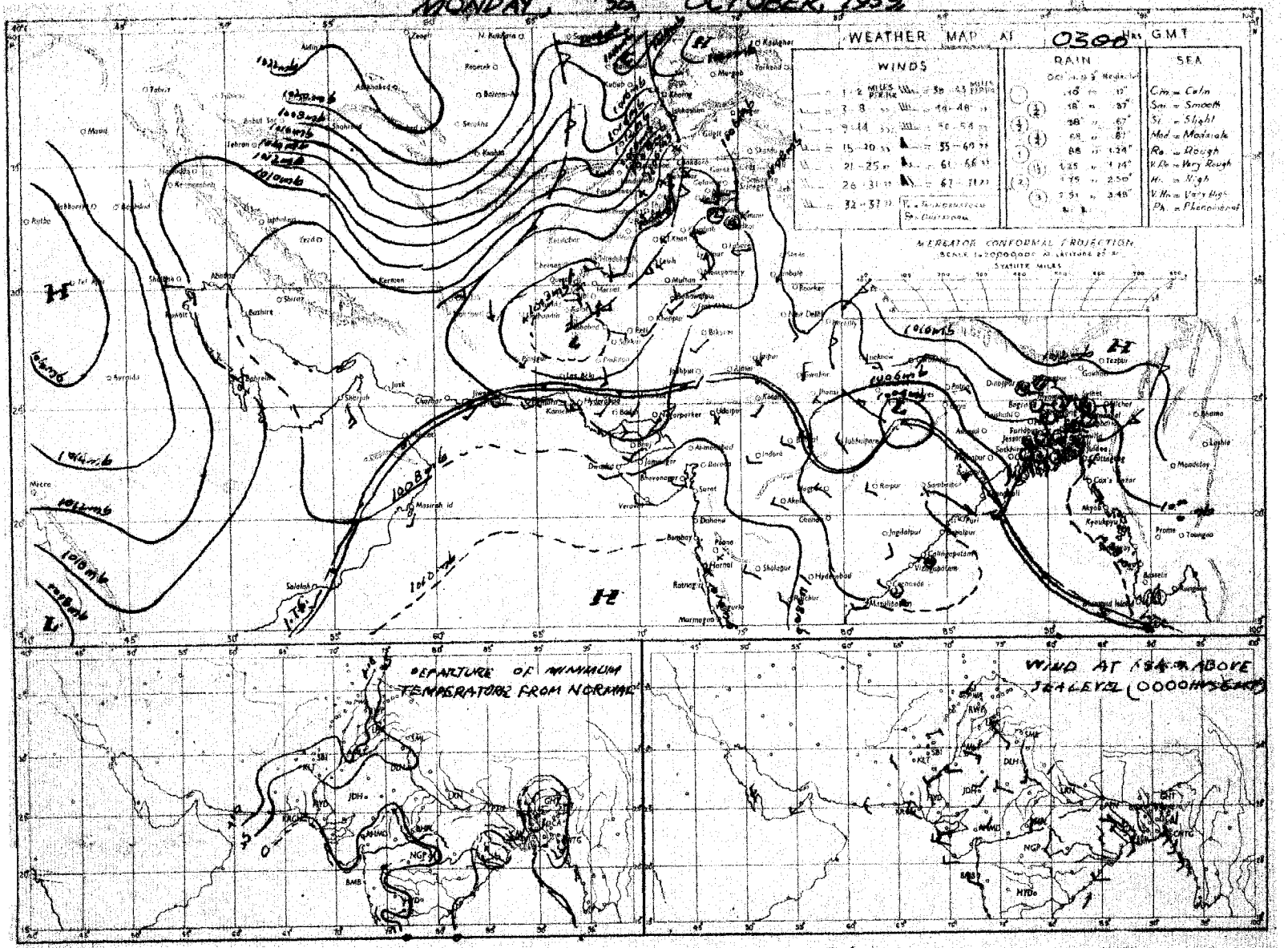
PAKISTAN DAILY WEATHER MAP

MONDAY, 26th OCTOBER, 1952



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

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75 # PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 6th OCTOBER, 1959.

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

Yesterday's low over southeast Utter Pradesh and adjoining areas has weakened into a trough of low over there.

A low lies in west Central Bay of Bengal.

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

Yesterday's low pressure wave over Rawalpindi division is moving across Kashmir and neighbourhood while a fresh one is now passing across Afghanistan and adjoining areas.

Rain/thundershowers have been widespread in Rawalpindi and Peshawar divisions, fairly Widespread in D. I. Khan division and local in Lahore division.

Chief amounts of rainfall are:- Bogra 4"; Rawalpindi 3"; Mymensingh, and Khushab 2" each; Rangpur, Jhelum, Murree, Peshawar, Haripur and Miranshah 1½" each; Sialkot, Chakdara and Kakul 1" each; Faridpur, Sirajgunj 3/4" each; Brahmanbaria, Srimangal, Narayanganj, Cherat, Campbellpur and Landikotal ½" each and Cox's Bazar, Maijdee Court, Rajshahi, Drosh, Parachinar, Bannu and D. I. Khan 1/4" each.

Day temperatures were:- 9—12°F below normal in upper Rajshahi division and 2—6°F so elsewhere in East Pakistan and in Lahore, Rawalpindi, Khairpur and Hyderabad divisions and 2—5°F above normal in Quetta, North Kalat and D. I. Khan divisions.

Forecast valid until the evening of 7th October, 1959. Rain/thundershowers will be fairly widespread in Rajshahi, Peshawar, Rawalpindi divisions, Kashmir, local in D. I. Khan, Lahore and Dacca divisions and scattered in Multan, Bahawalpur and Chittagong divisions.

Heavy Rainfall Warning:- Locally moderate to heavy rain will fall in Rajshahi, Peshawar, Rawalpindi divisions and Kashmir during next 24 hours.

Karachi-11
The 6th October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	030	2	6	03	00	xx	03	6	059	80	2	5	6	2	0	76	85
	Chittagong	000	0	7	02	05	97	02	2	065	81	5	2	5	2	0	75	86
	Maijdee Court																	
	Comilla	000	0	8	00	00	94	00	2	057	81	8	4	5	x	x	78	85
	Brahmanbaria	035	4	8	13	02	97	03	6	061	77	4	5	5	2	x	75	84
	Sylhet	000	9	5	00	00	xx	01	6	063	80	3	3	6	3	0	75	82
	Srimangal	057	6	8	00	00	94	95	9	066	76	8	3	4	x	x	75	85
Dacca	Mymensingh	000	0	6	00	00	98	02	1	060	79	6	4	6	0	0	75	79
	Narayanganj	037	7	8	07	02	xx	03	6	050	79	8	7	4	x	x	76	84
	Dacca (Tezgaon)	011	3	7	13	03	97	21	9	052	77	2	9	5	4	2	76	84
	Faridpur	019	3	8	16	05	96	02	9	056	79	6	4	6	2	1	78	82
	Barisal	000	0	6	00	00	96	03	3	058	80	6	7	6	2	0	77	84
Rajshahi	Khulna	000	0	6	00	00	95	01	2	048	80	6	5	6	0	0	77	85
	Satkhira	000	0	8	00	00	94	03	2	045	80	x	x	8	x	x	78	84
	Jessore	000	8	8	00	00	95	02	2	055	76	8	4	6	x	x	83	85
	Sirajganj	025	8	8	00	00	94	02	5	038	78	8	7	5	0	0	77	79
	Bogra	030	9	8	09	02	96	61	6	058	77	5	5	4	2	x	75	77
	Dinajpur																	
	Rangpur	112	8	7	09	05	96	01	6	xxx	74	7	5	6	x	x	73	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	2	03	03	96	02	0	016	89	2	2	7	0	0	71	92
	Sialkot	000	0	4	00	00	97	02	1	019	88	4	5	6	x	x	78	90
Rawalpindi	Jhelum	000	6	7	13	02	97	03	1	018	87	0	0	9	2	0	74	91
	Rawalpindi	170	6	3	00	00	99	01	9	026	90	0	0	9	0	8	74	85
	Khushab	000	0	2	05	05	96	05	6	010	93	2	2	6	0	0	68	95
Multan	Lyallpur	000	0	0	00	00	96	00	0	014	91	0	0	9	0	0	72	94
	Montgomery	000	0	0	00	00	96	00	0	005	93	0	0	9	0	0	73	98
	Multan	000	0	2	23	02	98	03	0	001	97	2	1	6	0	0	70	99
Bahawalpur	Leiah	000	0	4	00	00	97	03	1	994	01	4	2	8	0	0	67	02
	Khanpur	000	0	0	29	02	96	02	0	999	97	0	0	9	0	0	69	99
	Bahawalpur	000	0	0	00	00	97	00	0	009	99	0	0	9	0	0	68	00
	Fort Abbas	000	0	0	23	02	98	00	0	992	98	0	0	9	0	0	62	01
Peshawar	Chakdara	003	0	7	23	02	97	03	5	993	84	0	0	8	6	0	80	87
	Peshawar	000	1	7	36	16	96	95	9	018	77	4	9	6	2	0	69	xx
	Haripur	135	3	4	05	02	99	01	6	025	75	4	2	8	0	0	71	73
	Campbellpur	000	0	2	13	00	98	00	0	029	83	0	0	9	0	1	68	87
D. I. Khan	Bannu	000	0	5	11	02	99	03	0	990	91	5	2	6	0	0	69	94
	D. I. Khan	000	6	2	00	00	98	03	0	986	98	0	0	9	2	0	79	00
Quetta	Sibi	000	0	0	23	00	99	00	0	994	02	0	0	9	0	0	59	03
Kalat	Nokkundi	000	0	0	27	02	99	00	0	972	02	0	0	9	0	0	38	03
	Turbat	000	0	0	23	02	95	00	0	021	99	0	0	9	0	0	78	99
	Jiwani	000	0	2	23	12	97	01	1	028	83	2	6	4	0	0	76	87
	Pasni	000	0	0	23	17	97	00	0	033	85	0	0	9	0	0	75	90
	Ormara	000	0	0	27	10	98	03	0	030	85	0	0	9	0	0	76	87
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	14	98	01	1	034	85	4	6	4	0	0	76	87
	Karachi (Air Port)	000	0	5	23	12	96	01	2	028	85	5	5	9	0	0	76	88
	Badin	000	0	0	23	02	97	00	0	023	90	0	0	9	0	0	76	94
	Nagarparker	000	0	0	25	05	98	00	0	020	92	0	0	9	0	0	70	94
	Umarkot	000	0	2	20	07	98	00	0	013	93	2	1	6	0	0	71	95
	Hyderabad	000	0	0	23	05	97	02	0	017	92	0	0	9	0	0	71	96
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	004	98	0	0	9	0	0	64	01
	Nawabshah	000	0	0	18	03	97	02	0	008	97	0	0	9	0	0	73	99
	Sukkur	000	6	0	20	02	96	00	0	005	95	0	0	9	0	0	76	98
	Kashmore	000	0	0	18	02	99	00	0	003	96	0	0	9	0	0	67	97
	Jacobabad	000	0	0	16	07	97	02	0	000	95	0	0	9	0	0	76	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	010	7	6	00	00	97	02	6	463	65	4	3	3	8	8	57	67
Peshawar	Drosh	010	7	6	05	10	96	93	9	439	71	6	9	6	0	0	53	89
	Cherat	000	2	8	18	08	92	91	4	463	68	8	5	6	x	x	68	73
	Kakul	012	8	5	31	02	98	01	9	450	72	2	4	6	4	5	61	77
	Landi Kotal	000	3	6	13	05	98	03	9	427	76	6	5	7	0	0	61	81
D. I. Khan	Parachinar	021	2	8	13	02	99	02	6	796	69	5	4	9	2	0	67	xx
	Miranshah	135	3	4	05	02	99	01	6	425	75	4	2	8	0	0	71	89
	Wana	000	0	0	13	03	98	00	0	445	87	0	0	9	0	0	47	87
Quetta	Fort Sandeman	000	0	0	25	09	98	02	0	436	89	0	0	9	0	0	48	91
	Hindubagh	000	0	1	25	05	96	00	0	406	81	0	0	9	0	0	45	81
	Loralai	000	0	3	13	03	96	01	0	403	82	3	2	9	0	0	44	86
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	95	00	0	453	83	0	0	9	0	0	40	84
	Chaman	000	0	0	31	02	97	00	0	436	86	0	0	9	0	0	52	90
Kalat	Kalat	000	0	0	34	05	98	02	0	453	74	0	0	9	0	0	53	84
	Nushki	000	0	0	00	00	98	02	0	494	94	0	0	9	0	0	53	97
	Dalbandin	000	0	0	13	05	98	02	0	455	96	0	0	9	0	0	46	97
	Panjgur	000	0	0	36	03	98	00	0	467	94	0	0	9	0	0	43	94
Afghanistan	Kabul	000	0	3	18	03	99	03	0	480	74	3	3	9	0	0	56	82
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	030	0	3	16	03	97	01	0	093	85	1	5	7	0	4	75	76	— 2	+ 1	117.5	+ 6.2	133.4	140
Chittagong	000	0	4	05	02	97	02	1	098	85	1	0	9	1	2	76	75	— 2	0	94.9	+15.6	126.9	108
Maijdee Court	030	9	4	00	00	98	01	2	097	83	0	0	9	3	1	77	76		0	106.5	+20.0	138.3	115
Comilla	000	0	5	00	00	97	03	2	099	81	5	4	5	0	0	75	75	— 4	0	65.9	+ 1.1	91.9	94
Brahmanbaria	057	0	7	05	05	97	03	1	106	79	7	0	9	2	0	xx	73	—	—	66.0	+15.5	92.0	76
Sylhet	000	4	7	09	02	96	02	9	107	78	4	5	5	7	0	74	75	—	—	139.7	—	77.6	—
Srimangal	057	6	8	00	00	94	95	9	066	76	8	3	4	x	x	75	75	— 6	+ 3	68.0	+ 7.4	80.1	98
Mymensingh	190	6	8	13	02	95	62	6	107	75	8	7	5	x	x	73	72	— 9	— 4	82.7	+18.1	104.9	91
Narayanganj	050	9	8	09	03	96	03	6	093	80	5	5	5	7	x	76	74	— 5	— 3.	67.0	+17.4	92.3	74
Dacca (Tezgaon)	014	6	7	13	02	97	02	6	092	78	7	0	9	7	x	75	74	—	—	74.2	—	89.5	—
Faridpur	086	9	8	16	02	97	03	6	104	79	8	5	6	0	0	76	74	— 6	— 3.	80.5	+32.4	107.8	71
Barisal	000	0	6	00	00	96	03	2	090	80	6	0	7	4	0	79	77	— 4	0.	110.5	+52.8	124.4	81
Khulna	000	0	6	13	05	96	01	2	084	84	6	6	7	0	0	77	xx	— 3	×	77.4	+27.7	101.9	68
Satkhira	000	0	8	00	00	95	03	2	088	84	x	x	8	x	x	78	77	— 5	+ 2	59.1	+11.8	77.2	65
Jessore	016	0	7	18	03	97	01	1	089	82	5	8	6	x	0	79	77	—	—	62.1	+17.2	98.2	65
Sirajganj	080	3	8	00	00	95	51	5	090	75	8	7	5	0	0	75	75	×	— 1	79.3	+ 3.3	104.1	64
Bogra	409	3	8	09	03	96	95	9	095	73	6	3	4	x	x	73	73	— 12	— 2	71.1	+20.0	100.2	69
Dinajpur	000	3	8	00	00	96	02	2	100	73	8	4	6	x	x	73	72		— 3	46.4	—10.7	63.7	72
Rangpur	149	9	8	05	05	96	51	6	xxx	74	8	7	6	x	x	73	72	— 14	— 3	68.0	+ 4.6	87.9	84
Jammu																							—
Lahore (Jail Rd)	000	3	5	05	05	96	29	9	083	71	4	5	5	3	0	67	71	— 6	+ 6	21.8	+ 7.3	25.6	19
Sialkot	120	5	8	05	03	98	20	6	070	69	8	7	5	x	x	69	67	— 5	+ 1	52.5	+28.9	57.9	32
Jhelum	127	5	8	13	02	96	58	9	090	70	2	7	5	2	x	69	77	—	—	38.9	—	49.3	—
Rawalpindi	070	0	7	36	02	99	02	0	074	69	7	7	6	0	0	67	76	— 7	+ 6	38.8	+15.1	51.8	36
Khushab	215	0	4	05	02	97	02	1	073	71	4	2	6	0	0	69	77	— 2	0	16.5	+ 6.2	22.0	15
Lyallpur	000	0	5	36	03	96	02	0	061	84	5	0	9	4	0	67	73	— 2	+ 8	14.5	+ 5.3	17.3	12
Montgomery	000	0	0	00	00	96	00	0	058	76	0	0	9	0	0	70	74	— 1	+ 7	6.1	— 1.5	8.4	10
Multan	000	0	2	18	03	97	03	0	048	81	0	0	9	0	2	74	78	+ 1	+ 11	5.9	+ 1.0	8.0	7
Leiah	000	0	5	36	12	94	09	0	059	77	0	0	8	2	0	69	76	—	—	5.0	—	6.9	8
Khanpur	000	0	0	23	05	96	02	0	046	81	0	0	9	0	0	73	77	0	+ 10	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	23	07	97	00	0	049	83	0	0	9	0	0	72	76	+ 3	+ 11	5.4	+ 1.2	6.4	6
Fort Abbas	000	0	0	23	02	98	00	0	052	84	0	0	9	0	0	69	76	—	—	8.9		9.2	4
Chakdara	108	0	3	00	00	99	01	3	089	67	0	0	8	4	0	62	64	—	—	11.1	—	26.6	—
Peshawar	130	9	1	00	00	58	01	9	074	71	[illegible]	6	4	0	0	63	66	×	+ 3	9.7	+ 5.2	23.6	14
Haripur	150	7	7	05	02	96	03	6	057	67	7	5	6	0	0	65	65	—	—	21.1	—	32.0	—
Campbellpur	140	8	4	18	02	98	10	9	092	70	3	2	9	0	1	58	69	—	—	22.0		35.9	—
Bannu	033	0	4	00	00	99	02	0	051	71	4	0	9	6	0	65	70	—	—	12.5	—	19.4	11
D. I. Khan	035	3	2	31	07	98	02	6	062	73	0	0	9	2	0	67	69	+ 3	+ 4	10.5	+ 5.0	14.3	10
Sibi	000	0	0	00	00	99	00	0	045	81	0	0	9	0	0	71	80	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	09	02	98	02	0	058	77	0	0	9	0	0	36	75	—	—	0	—	1.1	2
Turbat	000	0	4	18	03	95	03	0	055	81	0	0	9	6	0	74	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	4	13	02	97	03	0	053	79	2	6	5	0	0	78	74	—	—	0.3	—	5.9	4
Pasni	000	0	4	02	02	97	00	0	059	77	4	5	7	0	0	77	74	0	+ 5	0.6	— 0.3	3.2	6
Ormara	000	0	8	00	00	98	03	1	056	80	8	4	4	0	0	79	79	—	—	1.7	+ 0.9	4.2	6
Las Bela																							8
Karachi (Manora)	000	0		29	07				054	80	3	6	4	0	0	77	78	0	+ 3	16.5	+10.5	16.5	8
Karachi (Air Port)	000	0	3	25	05	96	02	1	052	81	1	5	5	0	0	76	78	—	—	22.6	—	22.9	—
Badin	000	0	1	23	02	97	02	0	055	79	0	0	9	0	0	78	77	— 2	+ 7	11.2	+ 4.0	11.2	9
Nagarparker	000	0	0	00	00	96	00	0	066	89	0	0	9	0	0	65	78	—	—	30.2	—	30.8	—
Umarkot	000	0	0	18	03	98	00	0	050	76	0	0	9	0	0	75	73	—	—	18.8	—	19.5	—
Hyderabad	000	0	0	23	05	97	02	0	047	79	0	0	9	0	0	74	77	— 4	+ 4	14.6	+ 8.6	15.3	7
Pad-i-dan	000	0	0	16	07	97	02	0	041	78	0	0	9	0	0	72	73	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	18	09	97	02	0	044	80	0	0	9	0	0	76	75	—	—	6.4	—	7.1	—
Sukkur	000	0	0	20	03	96	00	0	036	78	0	0	9	0	0	74	76	—	—	3.5	—	4.6	4
Kashmore	000	0	0	xx	xx	99	00	0	046	81	0	0	9	0	0	72	76	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	09	07	97	02	0	042	81	0	0	9	0	0	74	78	— 3	+ 10	3.8	+ 1.5	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Allabad																							—
Gilgit																							5
Murree	141	8	7	00	00	97	02	9	476	54	5	4	4	5	0	50	52	— 2		52.4	+16.2	77.6	59
Drosh	018	9	2	00	00	97	03	9	471	61	1	1	6	4	0	55	60	+ 7	+ 4	1.5	—	30.7	18
Cherat	056	0	0	09	02	90	00	0	473	60	0	0	9	0	0	58	57	—	—	20.9	+ 8.7	30.9	29
Kakul	089	9	7	34	02	99	20	6	475	61	6	8	6	6	0	58	59	—	—	49.4	—	54.1	—
Landi Kotal	044	0	0	00	00	99	00	0	461	68	0	0	9	0	0	58	xx	—	—	3.8	—	26.9	—
Parachinar	021	0	3	00	00	99	03	0	798	69	1	0	9	2	0	54	xx	—	—	14.1	—	28.0	29
Miranshah	135	0	4	00	00	98	00	0	459	72	4	2	8	0	0	67	66	—	—	4.0	+ 0.7	7.0	13
Wana	000	2	4	00	00	97	00	0	453	69	4	2	8	0	0	63	64	—	—	5.1	—	14.1	..
Fort Sandeman	000	0	0	00	00	97	02	0	476	72	0	0	9	0	0	48	64	+ 1	+ 7	7.2	+ 2.1	15.9	11
Hindubagh	000	0	0	27	03	98	00	0	435	65	0	0	9	0	0	29	64	—	—	4.6	—	12.6	—
Loralai	000	0	0	31	03	97	00	0	407	63	0	0	9	0	0	29	55	—	—	7.1	.	13.0	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
Quetta	000	0	0	00	00	94	00	0	465	67	0	0	9	0	0	26	47	—	—	4.7	—	10.2	8
Chaman	000	0	0	00	00	97	00	0	473	72	0	0	9	0	0	41	65	+ 2	+ 12	0.1	0	6.2	7
Kalat	000	0	0	18	02	98	02	0	484	63	0	0	9	0	0	43	45	+ 5	+ 3	6.3	+ 5.1	11.0	9
Nushki	000	0	0	09	05	98	02	0	521	72	0	0	9	0	0	51	69	—	—	1.1	—	2.9	—
Dalbandin	000	2	1	05	02	98	03	0	457	67	1	0	9	3	0	32	60	—	+ 9	0.2	— 0.1	2.2	5
Panjgur	000	0	0	00	00	98	00	0	466	68	0	0	9	0	0	41	64	+ 2	+ 8	2.5	—	4.1	4
Kabul	000	0	0	36	02	99	00	0	513	53	0		9	0	0	45	44	—	—	—	—	—	12
Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 6th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Iphegenia	23 244	699 03	1 21 12	98 02 0	070 81	11 4 00	65 20 8	—	0 52 75	1 21 21
Bathsulee	23 261	569 06	1 00 00	98 03 0	068 86	21 6 00	76 21 3	—	0 53 79	1 00 x0
Banda	23 233	599 06	0 15 02	99 02 0	072 81	00 9 00	34 20 5	—	0 xx 77	1 00 x0
Bathsulee	23 264	562 09	1 24 12	98 02 0	044 88	13 5 00	46 72 4	—	0 08 81	1 24 22
Iphegenia	23 249	593 09	0 18 01	98 02 0	053 88	00 9 00	65 72 1	—	0 02 67	1 00 x0
British Sailor	23 143	676 12	4 25 09	98 02 0	080 85	31 4 44	34 68 5	—	0 03 73	1 35 31
Banda	23 225	613 12	0 22 19	99 02 0	039 81	00 9 00	36 71 5	—	0 xx 75	1 22 33
Bathsulee	23 250	572 12	0 00 00	98 02 0	055 88	00 9 00	76 30 7	—	0 03 81	1 00 x0
Elhomaru	23 196	656 12	2 23 11	98 02 0	070 84	21 4 00	35 63 0	—	0 03 73	1 23 33
Elhomaru	23 187	666 18	1 24 10	98 02 0	095 82	11 4 00	35 21 0	—	0 00 73	1 24 33
Socotra	23 242	670 18	0 28 09	98 01 1	052 80	00 9 00	45 40 0	—	0 00 71	1 29 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T^dT^dT^d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	—	Misda	...	—	...	...	...	...	...	...	...	..	—
Jiwani														
Karachi	00 00	001 268 245	035 265 238	..	450 232 077	..	126 168 999	415 085 999	897 000 900	662 555 999	987 685	..	...	—
Lahore	00 00	—	Misda	..	—	..	...	...	...	...	—	—	—	—
Multan														
Peshawar														
Quetta	00 00	964 200 200	—	...	430 135 135	...	050 060 060	xxxxxxxxx	714 630 999	389 705 999	945 845	—	..	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T^dT^dT^d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	—	Misda	...	...	—	—	...	...	...	—	—	..
Jiwani													
Karachi	00 00	900 232 192	800 225 042	..	..	...	..	—	—	—	800 225 042	...	—
Lahore	00 00	...	Misda	..	...	..	...	—	...	—	...	...	...
Multan													
Peshawar													
Quetta	00 00	900 165 165	800 115 115	350 770 900	290 888 999	...	—	...	—	...	290 888 999	—	...

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

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

UPPER WIND DATA*

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

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

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	23 21	24 10	20 18	16 10	14 04	01 13
Chhor	12 05	13 06	13 08	15 11	14 14	14 10
Chittagong	13 06	13 12	15 17	16 21	15 19	15 17
Cox's Bazar	18 15	19 18	20 19	18 16	18 15	18 15
Dacca	—	—	29 04	28 06	25 07	26 05
Dalbandin	—	—	—			
D.I. Khan	—	—	—			
Drosh				04 01	04 05	02 09
Fort Sandeman				23 04	26 03	28 09
Jacobabad	18 18	20 14	20 08	25 05	23 07	33 13
Jessore	17 15					
Jhelum	22 3	22 29	22 17	24 10	25 05	05 02
Jiwani	24 07	19 07	04 08	04 09		—
Karachi	27 15	27 15	27 11	31 06	05 11	..
Khanpur	22 4	22 25	28 36	24 17	25 10	30 05
Lahore	14 15	18 23	19 23	23 07	23 08	23 06
Multan	22 31	22 29	22 17	24 10	25 05	05 02
Muscat	—	—	—	—	—	
[illegible]	..	—	..		—	—
Peshawar	..	—	..	—	—	..
Quetta	..	—	—	—	31 09	33 19
Sharjah	—	—	—	—	—	—
Sylhet	..	—	—	—	—	..
[illegible]	—	—		—		

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent	—	—	—	—	—	—	—	—	—
Chaklala	..	—	—	—	—	..	..	—	—	—	—
Chhor	36 01	20 04	15 05	14 08	15 07	13 09	—	—	—	..	—
Chittagong	26 02	15 05	15 08	16 17	15 12	14 16		—	—	—	—
Cox's Bazar	12 08	18 07	18 11	19 10	18 12	10 11	18 08	20 09	—	—	—
Dacca	—	—	07 15	09 12	23 06	25 08	27 07	33 11	32 13	33 17	32 37
Dalbandin	—	—	—	—							
D.I. Khan	—	—	—	—	21 03	20 04	27 02	28 06	29 10	—	—
Drosh	—				08 03	32 05	35 11	34 13	28 19	28 12	28 35
Fort Sandeman				36 05	02 07	35 17	31 07	29 13	30 17	32 11	—
Jacobabad	15 02	16 01	29 01	34 07	17 13	17 10	..	—	—	..	—
Jessore	14 10	16 12	17 12	18 15	30 03	29 15	—	—	—	—	—
Jhelum	34 03	05 04	09 08	18 03	—	—	—	—	—	—	...
Jiwani	13 03	05 02	01 01	—			—	—	—	—	—
Karachi	26 08	28 12	—				...	—	—	—	...
Khanpur	21 15	23 17	22 12	19 10	25 09	32 06	—	—	—	—	
Lahore	05 03	03 08	02 06	25 04	25 08	28 16	27 14	24 12	19 15	32 19	24 29
Multan	10 08	13 06	20 05	21 08	21 04	19 09	..	—	—	—	—
Muscat	—	—	—		.	—	—		.	—	—
[illegible]	—						...				—
Peshawar	—	07 07	07 05	08 05	22 06	30 18	25 23	29 16	29 25	26 32	—
Quetta	—	—	.	—	[illegible]	31 15	32 18	32 25	31 21	32 17	32 20
Sharjah							..		...	—	—
Sylhet	06 02	11 03	02 03	25 05	24 11	22 08	—		—	—	—
[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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda												—	—	—	—	—	
Karachi	27 17	24 19	27 14	35 08	06 10	03 17	36 21	36 17	36 19	35 19	01 20	01 29	—	—	—	—	—	—
Peshawar																		
Quetta																		

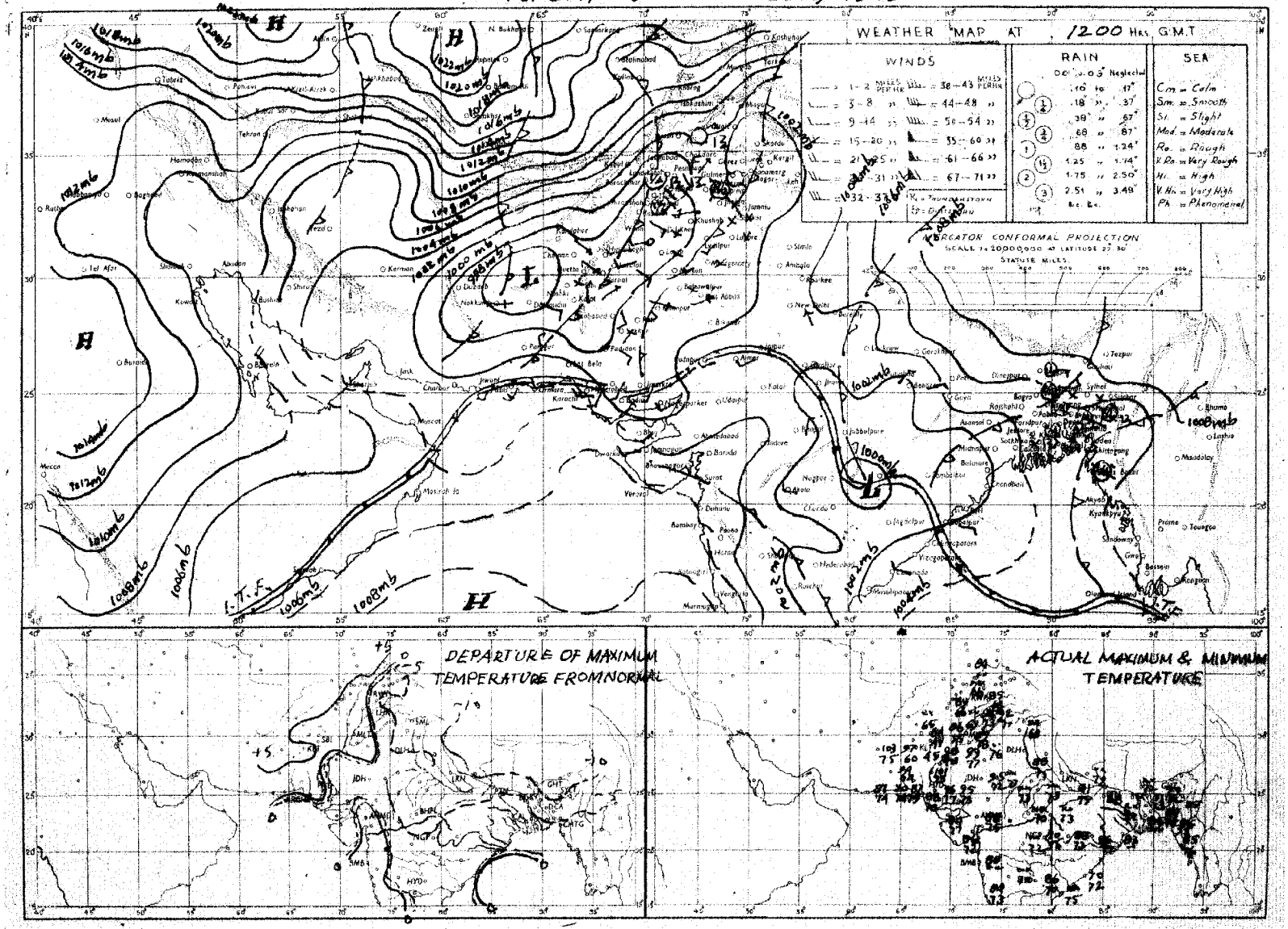
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

MONDAY 5th OCTOBER, 1959



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

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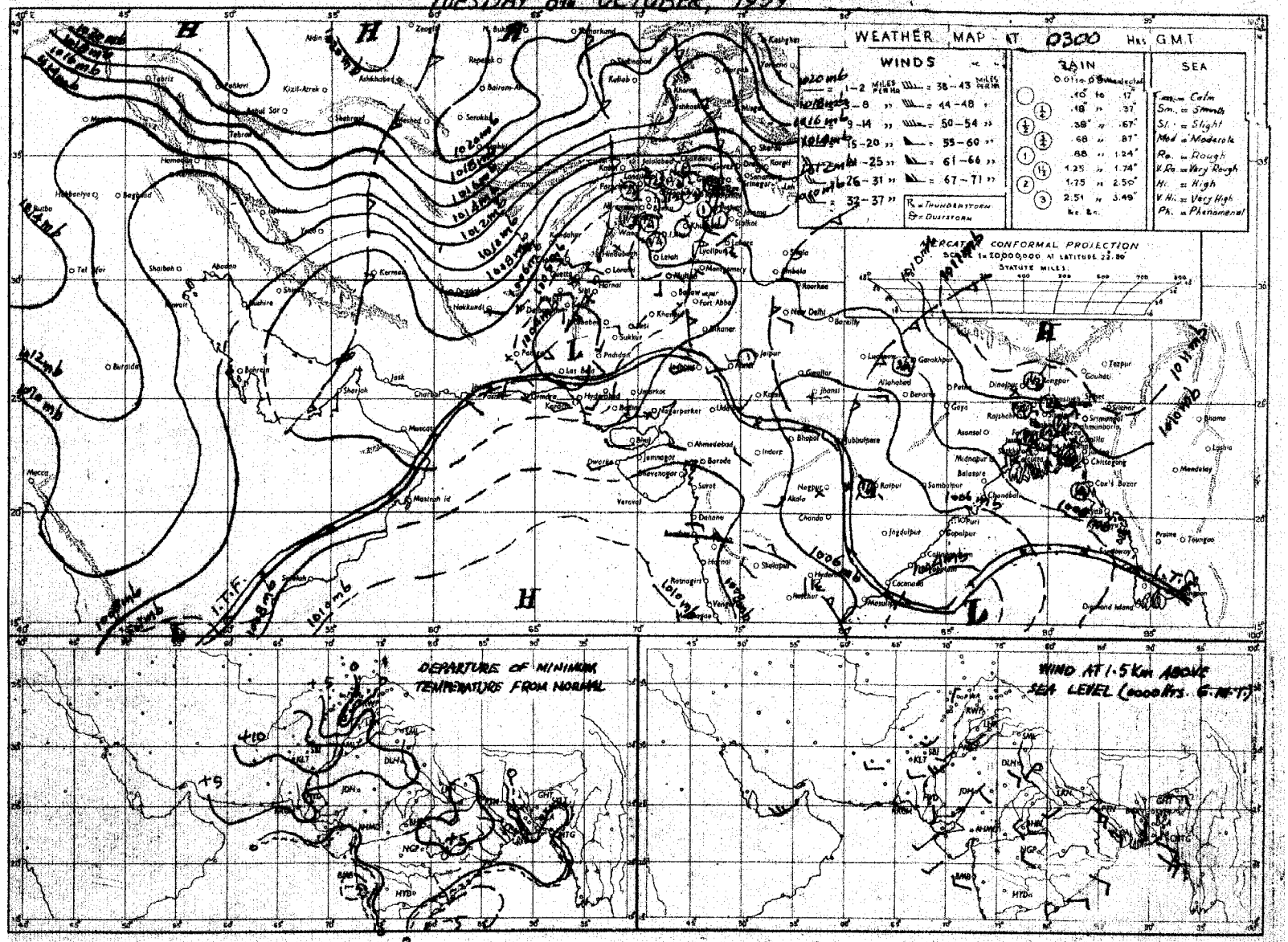
PAKISTAN DAILY WEATHER MAP

TUESDAY 6th OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 7th OCTOBER, 1959.

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

Observations from ships and Orrisa and Circars coast are absent but believe yesterday's low over west central Bay of Bengal now lies close to Circars coast and is well marked.

Rain/thundershowers have been fairly widespread in Dacca division and local in Rajshahi division. Isolated thunderstorm was reported from Chittagong division.

The low pressure wave over Afghanistan is approaching Peshawar and D. I. Khan divisions.

Weather remained dry in west Pakistan.

Chief amounts of rainfall are:- Rajshahi 1½", Bogra 3/4", Faridpur and Sirajgunj ½" each and Mymensingh and Jessore 1/4" each.

Day temperatures were:- 3—6°F above normal along Chittagong coast, north Kalat, Quetta, D. I. Khan and Peshawar divisions and 4—11°F below normal elsewhere over the country.

Forecast valid until the evening of 8th October, 1959. Rain/thundershowers will be fairly widespread in Dacca, Rajshahi, Peshawar and Rawalpindi divisions local in Quetta, D. I. Khan and Lahore divisions and scattered in Cittagong and Multan divisions and Kashmir.

Karachi-11
The 7th October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form† (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of Maximum Temperature (TxTx)	Departure from Normal of Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	7	4	25	03	95	03	9	061	83	2	9	7	0	4	74	90	030	0	4	20	05	97	02	1	103	85	1	3	7	4	9	73	76	+ 3	+ 1	117.5	+ 5.9	133.4	140
	Chittagong	000	0	5	31	02	97	02	1	072	82	3	4	6	1	1	74	90	000	0	4	05	02	97	01	1	104	85	2	0	9	1	1	77	77	+ 3	+ 2	94.9	+15.4	126.9	108
	Maidee Court	030	9	4	00	00	xx	03	0	072	83	3	4	6	9	0	77	86	000	9	8	36	02	96	03	2	103	81	8	0	9	2	x	79	77	— 1	+ 1	106.5	+19.7	138.3	115
	Comilla	000	0	5	00	00	94	03	1	068	85	5	4	5	0	0	78	88	000	0	6	00	00	97	03	2	103	84	6	4	5	0	0	75	77	— 1	+ 2	65.9	+ 0.9	91.9	94
	Brahmanbaria	000	0	8	00	00	95	03	2	071	80	2	4	4	6	x	77	83	000	0	7	00	03	97	02	1	107	83	7	0	9	7	0	76	77	—	—	66.0	+15.2	92.0	76
	Sylhet	000	7	6	00	00	xx	03	5	074	79	2	4	6	3	8	76	84	000	0	7	09	05	97	02	2	101	80	1	2	6	4	0	75	75	—	—	139.7	—	177.6	—
	Srimangal	000	0	8	00	00	96	03	2	080	80	7	5	4	2	x	70	88	007	0	6	23	03	96	03	1	103	83	3	4	7	3	1	77	75	— 3	+ 3	68.0	+ 7.2	80.1	98
Dacca	Mymensingh	037	8	4	00	00	97	02	6	078	76	4	4	5	0	0	75	77	037	0	4	00	00	98	02	1	111	79	4	4	5	0	0	75	74	— 11	— 2	83.1	+18.3	105.2	91
	Narayanganj	000	9	1	00	00	xx	01	2	070	79	0	0	9	0	8	75	83	000	9	7	00	01	96	03	2	105	82	6	0	9	7	1	75	76	— 6	— 1	67.0	+17.3	92.3	74
	Dacca (Tejgaon)	000	3	8	02	02	97	29	9	069	78	3	9	6	2	x	76	82	000	9	7	09	02	97	02	6	101	80	7	0	9	5	0	76	75	—	—	74.2	—	89.5	—
	Faridpur	045	3	8	00	00	95	61	9	068	80	8	9	5	x	x	79	82	058	9	6	00	00	96	03	6	105	79	6	1	6	0	0	76	74	— 6	— 3	81.1	+32.8	108.4	71
	Barisal	010	4	8	09	02	96	03	5	077	82	4	0	7	6	6	79	88	010	9	7	13	02	96	03	5	098	82	4	0	7	7	2	76	78	— 0	+ 1	110.6	+52.7	124.5	81
Rajshahi	Khulna	000	0	8	00	00	95	02	2	068	81	8	5	7	x	x	78	87	000	0	4	00	00	97	03	0	101	84	0	0	9	3	0	75	77	— 1	+ 2	77.4	+27.6	101.9	68
	Satkhira	000	0	8	00	00	94	03	2	069	79	x	x	x	x	x	76	88	000	0	4	08	02	96	01	1	105	84	2	1	3	9	0	75	78	— 1	+ 3	59.1	+12.7	77.2	65
	Jessore	005	6	8	09	03	95	02	6	059	84	8	4	5	x	x	81	87	031	0	3	05	03	97	01	6	108	81	3	0	9	6	0	75	75	— 3	— 2	62.4	+17.4	98.5	65
	Sirajganj	047	8	8	00	00	94	02	6	059	75	8	7	5	x	x	75	76	047	9	8	00	00	96	02	2	097	78	8	0	9	5	x	77	74	— 12	— 2	79.8	+23.6	104.6	64
	Bogra	071	3	8	00	00	96	51	6	068	76	6	7	4	2	x	76	77	071	9	7	09	02	96	01	2	106	77	1	6	4	7	0	75	75	— 12	— 0	71.9	+23.6	104.9	69
	Dinajpur	000	8	6	00	03	96	02	2	073	79	6	4	4	0	0	73	80	000	0	3	00	00	96	00	0	097	81	0	0	9	0	0	69	72	— 9	— 3	46.4	—10.9	63.7	72
	Rangpur	008	6	6	09	02	96	01	6	xxx	76	3	5	6	2	0	75	83	012	0	3	09	02	96	01	6	xxx	78	2	5	6	1	0	75	72	— 9	— 3	68.1	+ 4.5	88.0	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	043	86	0	0	9	0	0	69	87	000	0	0	00	00	96	02	0	114	77	0	0	9	0	0	69	70	— 8	+ 5	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	98	00	0	042	98	0	0	9	0	0	72	84	000	0	0	00	00	99	00	0	113	75	0	0	9	0	0	69	69	— 10	+ 3	52.5	+28.9	57.9	32
Rawalpindi	Jhelum	001	8	0	00	00	98	02	5	050	83	0	0	9	0	0	69	88	001	0	1	31	02	96	03	0	119	73	1	0	9	3	0	70	66	—	—	38.9	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	052	81	0	0	9	0	0	71	89	000	0	0	00	00	99	00	0	122	73	0	0	9	0	0	65	66	— 2	+ 6	38.8	+15.1	51.8	36
	Khushab	000	0	0	18	02	99	00	0	050	83	0	0	9	0	0	72	95	000	0	0	00	00	99	00	0	114	77	0	0	9	0	0	72	68	— 2	+ 1	16.5	+ 6.2	22.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	040	88	0	0	9	0	0	67	91	000	0	0	13	01	96	00	0	103	76	0	0	9	0	0	71	73	— 4	+ 8	14.5	+ 5.3	17.3	12
	Montgomery	000	0	0	03	00	96	00	0	027	90	0	0	9	0	0	73	94	000	0	0	13	03	96	02	0	099	76	0	0	9	0	0	70	73	— 5	+ 6	6.1	— 1.5	8.4	10
	Multan	000	0	4	23	02	97	03	0	025	92	1	1	6	0	2	70	96	000	0	0	00	00	98	02	0	102	83	0	0	9	0	0	73	79	— 1	+ 12	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	36	04	95	08	0	024	92	0	0	9	0	0	64	92	000	0	4	00	00	97	08	1	108	78	4	6	8	0	0	71	79	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	00	00	96	00	0	022	96	0	0	9	0	0	67	98	000	0	0	27	00	96	02	0	092	81	0	0	9	0	0	71	76	— 0	+ 9	0.5	— 3.5	1.3	6
	Bahawalpur	000	0	0	00	02	97	00	0	029	95	0	0	9	0	0	72	97	000	0	0	00	00	97	00	0	098	85	0	0	9	0	0	73	79	— 0	+ 14	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	0	23	03	98	00	0	020	93	0	0	9	0	0	75	00	000	0	0	11	03	98	00	0	099	82	0	0	9	0	0	73	74	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	23	02	99	02	1	013	83	0	0	9	0	0	81	84	000	0	3	00	00	98	03	0	105	69	3	2	7	0	0	58	64	—	—	11.1	—	26.6	—
	Peshawar	000	0	1	00	00	98	02	0	044	82	1	1	6	0	0	65	85	000	0	7	00	00	96	04	1	116	74	1	6	6	3	0	69	70	— 6	+ 7	9.7	+ 5.2	23.6	14
	Haripur	000	2	1	23	02	97	01	2	028	82	1	1	6	0	0	66	86	000	3	3	23	04	97	03	0	092	74	0	0	9	0	0	75	68	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	27	02	98	00	0	054	79	0	0	9	0	0	65	85	000	0	0	00	00	98	00	0	127	72	0	0	9	0	0	50	68	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	1	16	01	99	01	0	028	84	1	1	6	0	0	67	86	000	2	5	00	00	99	02	0	092	75	5	0	9	7	0	70	71	—	—	12.5	—	19.4	11
	D. I. Khan	000	6	0	00	00	98	00	0	030	90	0	0	9	0	0	78	91	000	2	3	05	02	98	01	1	107	83	3	0	9	3	0	74	73	— 5	+ 8	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	18	02	99	00	0	002	01	0	0	9	0	0	73	02	000	0	3	00	00	99	03	0	094	83	0	0	9	0	2	68	79	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	34	02	98	02	0	001	96	0	0	9	0	0	25	99	000	0	0	20	02	98	02	0	098	70	0	0	9	0	0	29	69	—	—	0	—	1.1	2
	Turbat	000	0	0	18	02	96	02	1	015	84	0	0	9	0	0	83	99	000	0	0	18	02	95	02	1	076	81	0	0	9	0	0	76	xxx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	18	09	97	02	0	034	87	0	0	9	0	0	75	88	000	0	7	09	05	97	03	0	085	81	7	6	4	0	0	77	78	—	—	0.3	—	5.9	4
	Pasni	000	0	0	23	12	97	00	0	032	87	0	0	9	0	0	74	91	000	0	8	07	09	97	02	2	087	79	8	5	7	x	x	76	75	— 0	+ 6	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	07	98	00	0	023	95	0	0	9	0	0	77	88	000	0	6	00	00	98	02	1	083	81	6	4	5	0	0	78	77	—	—	1.7	+ 0.9	4.2	6
	Las Bela	000	0	0	00	00	98	00	0	021	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—	..	..	..	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	4	27	12	98	01	1	032	86	4	6	4	0	0	81	88	000	0	6	25	07	94	10	2	088	82	6	0	9	3	0	79	80	+ 1	+ 5	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	0	2	23	10	97	01	1	037	85	2	5	5	0	0	75	88	000	0	0	00	00	96	03	1	090	78	5	5	5	0	0	75	74	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	97	00	0	035	89	0	0	9	0	0	71	92	000	0	0	23	02	96	00	1	102	77	0	0	9	0	0	76	77	— 4	+ 7	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	0	29	02	98	00	0	032	92	0	0	9	0	0	70	93	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—	..	..	..	—
	Umarkot	000	0	0	23	05	98	00	0	028	91	0	0	9	0	0	69	93	000	0	0	00	00	98	00	0	087	75	0	0	9	0	0	73	71	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	18	07	97	02	0	031	89	0	0	9	0	0	72	95	000	0	4	00	00	97	03	0	091	77	4	6	5	0	0	75	75	— 5	+ 2	14.6	+ 8.6	15.3	7
Khairpur	Padidan	000	0	0	18	03	97	02	0	017	96	0	0	9	0	0	64	00	000	9	6	18	03	96	03	1	098	75	6	6	4	0	0	73	73	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	07	97	02	0	026	94	0	0	9	0	0	75	97	000	0	4	18	03	96	03	0	099	75	4	6	5	0	0	74	73	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	00	00	96	00	0	011	94	0	0	9	0	0	70	00	000	0	0	00	00	96	00	0	092	79	0	0	9	0	0	73	76	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	020	94	0	0	9	0	0	80	97	000	0	0	00	00	99	00	0	093	84	0	0	9	0	0	71	76	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	09	97	02	0	015	95	0	0	9	0	0	68	96	000	0	0	13	02	97	02	0	097	83	0	0	9	0	0	74	79	— 4	+ 11	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Minagar																																								—
	Allahbad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	9	5	27	09	97	02	1	468	62	3	3	2	8	0	56	67	000	9	2	31	02	98	01	1	512	56	2	0	9	8	0	49	49	— 1	— 3	52.4	+16.1	77.6	59
Peshawar	Drosh	000	0	4	23	10	97	03	0	435	77	1	1	7	3	0	44	85	000	0	2	13	03	98	03	0	512	64	3	2	7	0	0	44	62	+ 5	+ 6	1.5	—	30.7	18
	Chitral	000	0	1	18	02	98	01	1	473	69	1	1	6	3	0	67	72	000	0	0	23	01	98	01	0	502	65	2	0	9	8	0	63	63	— 9	+ 2	20.9	+ 8.7	30.9	29
	Kakul	000	8	2	13	02	99	01	1	467	73	2	0	9	1	0	57	78	000	3	1	34	02	97	01	0	518	64	1	0	9	3	0	56	60	—	—	49.4	—	54.1	—
	Landi Kotal	000	0	0	16	03	98	00	0	456	75	0	0	9	0	0	59	78	000	0	3	00	00	98	03	0	498	66	3	0	9	5	0	61	xx	—	—	3.8	—	26.9	—
D. I. Khan	Parachinar	000	0	3	13	02	99	02	0	798	86	3	0	9	3	0	67	xx	000	0	2	00	00	99	02	0	803	59	2	0	9	1	0	53	xx	—	—	14.1	—	28.0	29
	Miranshah	000	0	0	05	02	99	00	0	454	77	0	0	9	0	0	70	80	000	0	4	00	00	99	00	0	506	72	0	0	9	0	0	64	65	—	—	4.0	— 0.7	7.0	13
	Wana																		000	0	3	20	03	97	20	1	591	63	3	0	9	5	0	61	59	—	—	1.1	—	14.1	—
Quetta	Fort Sandeman	000	0	0	13	03	98	02	0	447	85	0	0	9	0	0	51	88	000	0	0	00	00	97	02	0	516	69	0	0	9	0	0	61	63	+ 3	+ 6	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	27	06	98	00	0	423	82	0	0	9	0	0	53	82	000	0	0	00	00	98	00	0	455	60	0	0	9	0	0	21	59	—	—	4.6	—	12.7	—
	Loralai	000	0	2	13	03	96	01	1	405	82	2	3	7	0	0	41	88	000	0	0	31	03	98	00	0	365	63	0	0	9	0	0	39	56	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	23	03	96	00	0	434	83	0	0	9	0	0	34	84	000	0	0	18	02	94	00	0	504	68	0	0	9	0	0	31	47	+ 7	+ 2	4.7	—	10.2	8
	Chaman	000	0	0	27	02	97	00	0	454	86	0	0	9	0	0	67	88	000	0	0	31	02	97	00	0	495	62	0	0	9	0	0	47	60	+ 7	+ 7	0.1	0	6.2	7
	Kalat	000	0	0	34	05	98	02	0	453	74	0	0	9	0	0	53	84	000	0	0	18	01	98	02	3	484	63	0	0	9	0	0	43	45	+ 7	+ 3	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	31	05	98	02	0	520	92	0	0	9	0	0	65	93	000	0	0	34	05	98	02	0	527	69	0	0	9	0	0	53	65	—	—	—	—	2.9	—
Afghanistan	Qalbandin	000	8	0	31	05	95	05	0	465	92	0	0	9	0	0	50	95	000	0	0	05	12	94	05	0	485	62	0	0	9	0	0	41	61	+ 5	+ 10	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	26	03	98	00	0	470	89	0	0	9	0	0	35	90	000	0	0	05	0	98	00	0	471	67	0	0	9	0	0	39	64	+ 3	+ 8	2.5	—	4.1	4
	Kabul	000	0	3	18	03	99	03	0	480	73	3	2	7	0	0	58	80	000	0	2	36	0	99	03	0	532	56	2	1	7	0	0	45	59	—	—	—	—	—	12
	Kandahar																																								—

Given in Code.

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

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

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 7th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_M C_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$I d_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	33 191	581 00	2 21 16	98 02 0	058 79	28 4 00	16 70 3	...	0 52 75	1 21 22
Bethsabee	33 272	517 03	0 32 32	97 07 0	038 82	00 9 00	75 20 6	...	0 54 55	1 32 24
Fogo	33 205	591 06	0 25 16	98 02 0	064 79	00 9 00	16 00 6	...	0 08 73	1 25 2x
Bethsabee	33 276	511 06	0 33 20	98 02 0	066 82	00 9 00	75 22 8	...	0 00 63	1 33 23
Banda	33 188	455 06	2 25 10	99 02 0	086 81	32 4 00	36 11 5	...	0 xx 73	1 25 33
Socotra	33 221	688 06	5 25 05	98 03 1	084 83	52 4 00	35 21 1	...	0 02 73	...
Fogo	33 221	598 12	1 21 15	98 02 0	016 91	18 5 00	16 72 3	...	0 15 82	1 21 22
Banda	33 178	669 12	2 27 10	99 02 0	061 81	22 4 00	36 72 1	...	0 xx 75	1 24 32
British Sailor	33 099	712 18	7 30 09	99 03 1	106 80	78 4 00	34 12 0	...	0 53 73	1 30 2x
Caltex Pernis	33 131	536 18	0 21 16	98 02 0	980 79	08 9 00			0 50 72	1 xxxx
Clan Chattan	33 111	557 18	4 21 09	98 01 2	098 77	48 5 00	25 21 7		0 00 74	1 17 22
Fogo	33 245	591 18	0 15 08	98 00 0	031 84	80 9 00	76 00 9		0 52 79	1 15 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
			At surface and Standard Isobaric Levels HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	...	Misds	...	—	—	...	...	...	...	...	...	...	...
Dacca ...														
Jiwani ...														
Karachi ...	00 00	005 248 232	062 228 195	..	450 235 072	..	158 122 575	430 005 692	884 528 999	633 590 999	—	..	...	...
Lahore ...	00 00	...	Misds	..	...	..	..	...	...	...	...	—	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	—	Misds	...	...	—	—	...	...	...	—	—	...
Dacca ...													
Jiwani ...													
Karachi ...	00 00	900 228 192	800 198 512	..	..	...	—	...	—	—	900 198 512	...	—
Lahore ...	00 00	...	Misds	..	...	..	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA*

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	.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0 9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	2
Bogra ...	No	Ascent	...							02 09	01 04	03 01	21 01	19 04	...	35 03	30 01	21 01	14 02	18 03	25 05	29 13	29 11	28 12	—	—
Chaklala ...		19 03	16 03	13 04	06 01	27 07	28 24	29 15	30 27							..	..	—	—	—	..	..	—	—	—	—
Chhor ...	22 11	22 12	22 10	05 03	05 06	03 07	09 06	06 07	02 08	26 13	27 08	18 08	13 12	08 11	06 14						—	...	—	—	—	—
Chittagong ...	31 05	32 06	32 06	32 05	05 02	xx xx	13 12	02 12	13 12	04 09	03 11	02 12	14 05	12 05	...	18 06	20 09	21 08	19 08	16 11			—	—	...	—
Cox's Bazar ...	34 03	05 03	11 04	13 10						15 05	14 07	14 09	15 12	—	...	17 08	15 09	16 12	15 17	15 09	13 08		—	—	...	—
Dacca ...	05 08	13 06	14 06	18 06	19 06	20 09	20 09	22 08	18 09	03 09	05 05	30 03	05 01	11 01	...	04 02	05 03	03 02	15 04	13 06	15 01	29 09		—		
Dalbandin ...			24 01	07 02	01 03	29 09	29 13	32 14	36 22			07 07	10 07	22 06	30 09			07 09	08 15	20 05	24 04	01 12	31 06	33 08	30 25	32 41
D. I. Khan ...	...	...	—					—		—	—	—				—	—									
Drosh ...	—	—	—		22 17	21 20	10 05	...		—	—	—	24 03	22 07	23 05	..	—	—	..	27 01	21 07	17 09	23 17	25 23	27 22	27 35
Fort Sandeman ...			—	21 05	15 03	35 07	31 14	30 27	31 28	...	...		06 06	22 06	29 17	—	...	—	29 02	18 06	25 09	29 20	29 24	29 29	29 43	28 36
Jacobabad ...	15 09	15 09	13 06	04 03	31 10	35 15	33 10	33 25	32 21	16 09	15 06	15 05	13 04	31 02	11 03	17 03	15 05	16 04	09 02	02 05	10 08	03 16	03 24	05 28	..	...
Jessore ...	No	Ascent	...	...						08 10	12 05	14 08	14 12	13 14	11 10	10 04	10 03	13 06	13 14	14 15	14 11					—
Jhelum ...	18 02	15 07	12 05	06 04	34 06	28 08	27 30	26 22	26 24	09 02	09 02	10 04	05 04	26 04	28 01	08 01	10 03	12 03	03 03	31 03	27 09	28 11	29 27	28 27	28 41	...
Jiwani ...	14 05	07 05	34 05	31 10	33 12	01 08	08 11	02 39	02 41	12 09	10 09	..		..	...	11 06	11 06	12 06				...	—	..	...	...
Karachi ...	24 13	24 14								26 06	27 09					29 01	33 02	11 06	07 12	07 14	07 27					
Khanpur ...	29 03	29 02	21 04	19 06	19 06	28 08	35 14	25 19	26 19	21 03	01 02	30 01	28 07	31 09	33 10	32 04	35 03	01 02	05 04	06 07	04 04	04 11	01 12	02 08		—
Lahore ...	10 02	10 03	08 03	35 05	34 08	31 09	30 12	26 19	26 24	23 08	20 07	17 07	14 09	03 03	04 04	07 06	07 06	07 05	03 04	34 05	30 06	02 14	29 13	30 18		
Multan ...	02 03	17 03	17 05	10 03	20 05	35 04	26 15	26 18	26 13	15 05	14 07	17 04	21 11	25 13	33 07	04 04	14 03	10 03	30 03	26 03	29 06	32 18	32 16	32 25	27 21	28 21
Muscat ...	—	—	—	...	—	...	—	...	—	...	—	..		—		—	—	—	..	..	...	...		..	...	..
Panjgur ...	—	—	—	...	—	—		..	—	—	—	..	—	—	—	—	—	—	—	...	..	...	—	..		—
Peshawar ...	...		...	...	...			..	..	..	...	..	—	—		...	.	...	—							
Quetta ...	—	..	—	...	30 08	31 13	34 10	33 17	32 34	..	—	—	—	20 08	27 12	—	...	..	—	23 06	23 09	32 13	29 16	30 24	31 35	27 28
Sharjah ...								—	—															...	—	—
Sylhet ...	29 03	30 05	29 06	30 03	24 08	22 09	25 14	.	—	06 05	07 03	32 03	25 05	24 04	29 02	11 02	10 02	31 01	25 03	23 04	24 06	29 13		...	—	...
Veraval ...	—	...	...	—	—	...	—	—	..	...	—	—	..	—		—	—	..	—			—	—	—		—

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.x	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misds												...	...	—		—	—
Karachi ...	27 13	35 06	05 06	06 13	08 10	05 15	05 31	07 20	05 29	05 28	03 26	03 21	...	...	—		—	—
Peshawar ...																		
Quetta ...																		

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

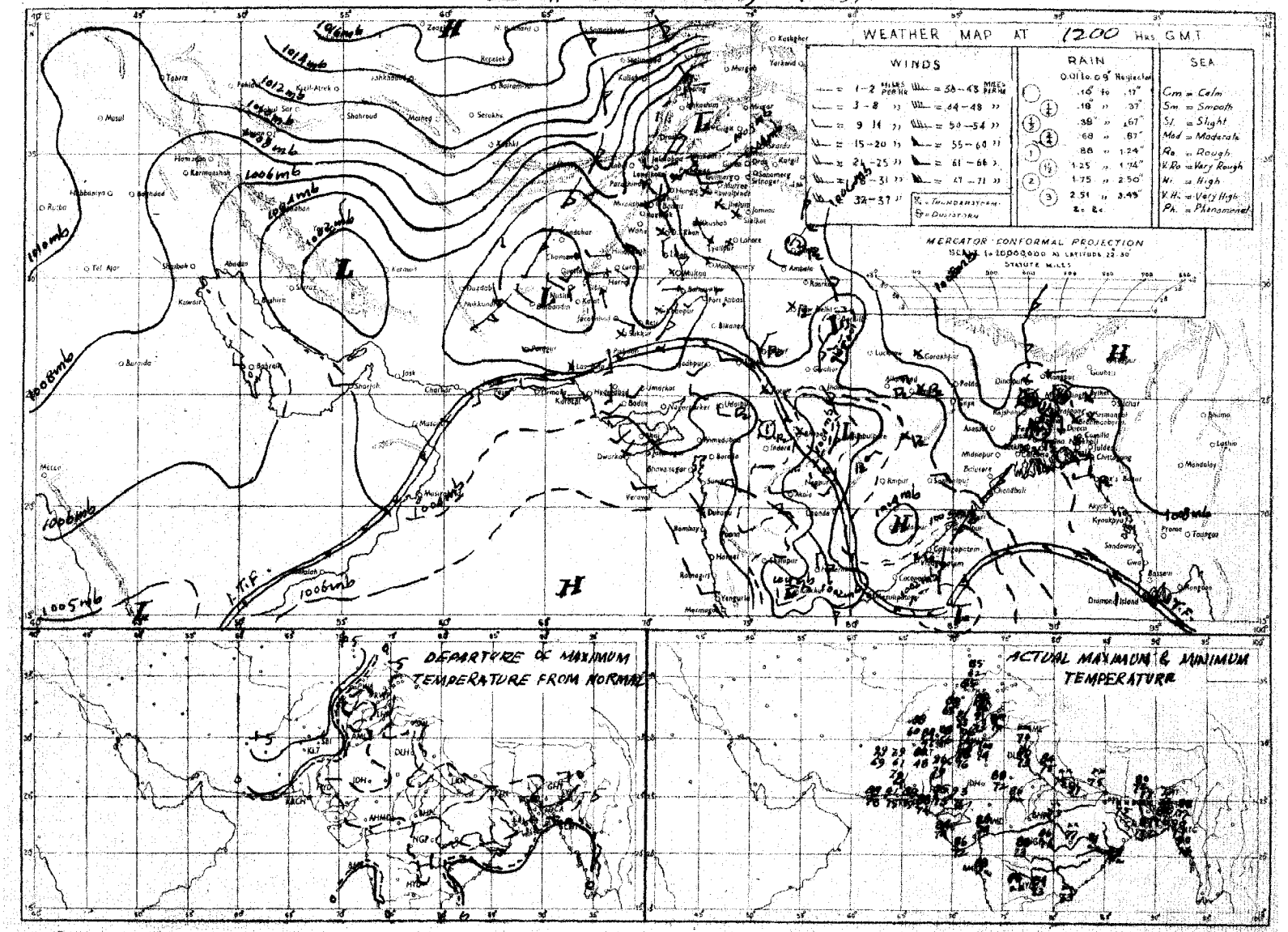
Cloud observation Data (GGiii Cdd V_rV_r etc.)

01 950 33 104

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 6th OCTOBER, 1959.



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

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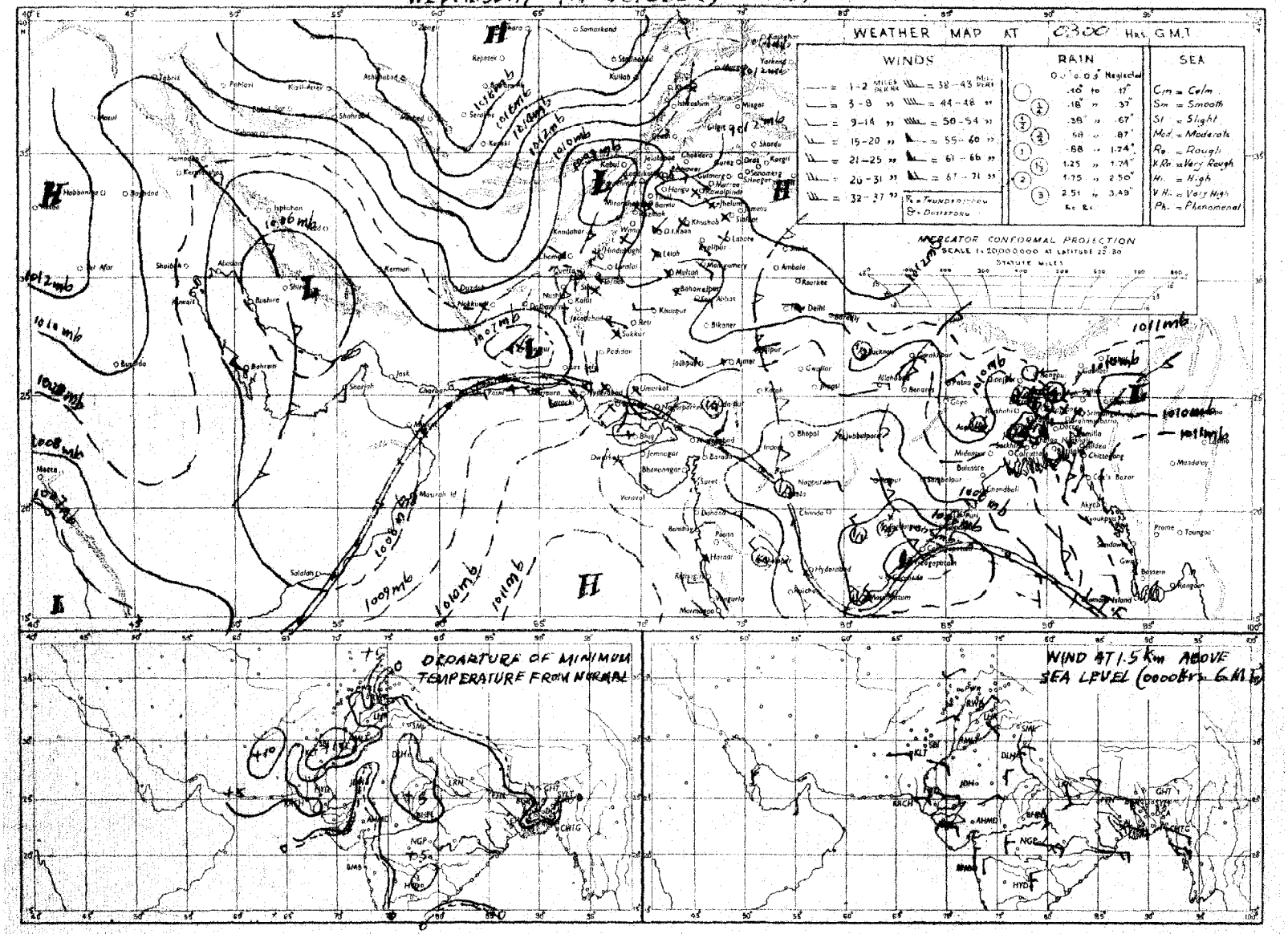
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th OCTOBER, 1953.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 8th OCTOBER, 1959.

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

Yesterday's well marked low close to Circars coast now lies over south Orrisa and neighbourhood.

Scattered thunderstorm/showers have occurred in Chittagong and Dacca division. Narayanganj has reported 1" of rainfall.

The low pressure wave approaching Peshawar and D. I. Khan divisions is now moving eastwards through Kashmir. It has caused light rain/thundestorm in Peshawar and D. I. Khan divisions.

Day temperatures were:- 4—6°F above normal in north Kalat and Quetta divisions and were 3—5°F below normal in Peshawar, Rawalpindi, D. I. Khan, Lahore, Multan and Hyderabad divisions and nearly normal in East Pakistan.

Forecast valid until the evening of 9th October, 1959. Scattered thunderstorm/showers will occur in Cittagong, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 8th October, 1959.

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

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form† (CH)	Dewpoint temperature °F. (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	5	18	02	95	02	9	080	82	3	9	7	0	8	75	89	002	3	4	11	03	97	01	6	125	82	2	4	6	7	3	76	77	+ 2	+ 2	117.6	+ 5.7	133.4	140
	Chittagong	000	0	1	xx	xx	97	01	1	086	82	1	9	6	0	0	75	89	000	0	6	05	03	97	02	1	125	82	4	2	6	5	0	76	77	+ 2	+ 1	94.9	+ 15.1	126.9	108
	Maijdee Court	000	0	2	00	00	xx	03	0	078	84	2	0	9	5	0	78	89	000	9	3	09	09	97	03	0	120	83	1	1	6	5	0	77	77	+ 2	+ 1	106.5	+ 19.4	138.3	115
	Comilla	000	0	4	00	00	94	03	0	072	86	4	2	9	0	0	77	90	000	0	0	00	00	97	00	0	116	86	0	0	9	0	0	77	78	+ 1	+ 3	65.9	+ 0.6	91.9	94
	Brahmanbaria	000	0	3	00	00	97	02	2	078	84	3	0	9	4	0	78	89	000	0	3	09	01	97	01	1	123	85	3	0	9	4	0	76	78	—	—	66.0	+ 14.9	92.0	76
	Sylhet	000	0	4	00	00	xx	01	2	073	83	1	1	6	7	1	78	89	000	0	2	09	02	96	01	0	123	83	1	1	6	7	0	73	75	—	—	139.7	—	177.6	—
	Srimangal	000	0	5	00	00	96	03	1	078	74	2	5	5	3	0	67	90	000	0	1	00	00	97	01	1	129	86	0	0	9	0	1	74	73	—	+ 1	68.0	+ 6.9	80.1	98
Dacca	Mymensingh	000	0	2	00	00	98	01	1	076	85	0	0	9	0	4	75	88	000	0	4	09	02	98	02	1	128	82	4	2	6	0	0	79	77	0	+ 1	83.1	+ 18.1	105.2	91
	Narayanganj	000	9	2	00	00	xx	03	0	069	85	1	2	6	3	8	77	89	100	9	2	13	03	97	03	1	117	85	1	7	4	3	9	79	79	0	+ 2	68.1	+ 18.2	93.3	74
	Dacca (Tejgaon)	000	9	3	00	00	97	01	2	069	84	2	3	5	8	0	75	89	000	9	6	16	02	97	03	0	108	85	6	5	7	0	0	74	78	—	—	74.2	—	89.5	—
	Faridpur	000	8	2	00	00	96	01	1	070	85	2	4	8	0	0	76	87	000	7	1	13	02	97	01	0	118	87	1	0	8	8	0	77	78	—	— 2	81.1	+ 32.7	108.4	71
	Barisal	000	0	4	00	00	97	03	0	067	86	0	0	9	0	2	79	88	000																	0	+ 1	110.6	+ 52.5	124.3	81
Rajshahi	Khulna	000	0	8	00	00	95	00	0	073	85	0	0	9	0	0	76	88	000	0	0	13	05	97	00	1	118	86	0	0	9	0	0	76	79	0	+ 4	77.4	+ 27.3	104.9	69
	Satkhira	000	0	6	00	00	95	03	1	075	85	6	6	7	0	-	76	88	000	0	4	00	00	96	03	0	118	85	4	3	7	0	0	76	79	— 1	+ 4	59.1	+ 11.4	77.2	65
	Jessore	000	0	4	36	02	96	02	1	068	87	4	4	6	0	0	79	88	000	0	2	13	05	97	01	0	117	83	2	0	9	6	0	77	78	— 2	+ 1	62.4	+ 14.0	98.5	65
	Faridpur	000	0	0	00	00	95	00	0	060	82	0	0	9	0	0	79	87	000	0	0	00	00	98	01	0	112	86	0	0	9	0	0	81	77	— 1	+ 1	79.8	+ 33.5	106.6	64
	Barisal	000	0	1	27	03	96	01	2	073	83	1	2	6	0	0	77	87	00	0	1	09	02	97	01	0	118	84	1	0	9	3	0	78	77	— 2	+ 2	71.9	+ 20.4	100.9	69
	Bogra	000	0	0	00	00	95	00	0	059	85	0	0	9	0	0	76	89	000	0	0	00	00	96	00	0	103	82	0	0	9	0	0	75	76	0	+ 1	46.4	— 11.1	63.7	72
	Dinajpur	000	0	1	13	02	96	01	1	xxx	84	1	0	9	1	0	77	87	000	0	2	09	02	96	01	0	xxx	83	1	2	6	1	0	75	77	— 2	+ 2	48.1	+ 4.3	88.0	84
	Rangpur																																								
Kashmir	Jammu																																								
Lahore	Lahore (Intl Rd)	000	0	0	00	00	96	02	0	082	87	0	0	9	0	0	71	91	000	0	0	00	00	96	02	0	123	77	0	0	9	0	0	71	71	— 4	+ 4	21.8	+ 6.2	25.6	19
	Sialkot	000	0	0	00	00	98	00	0	075	84	0	0	9	0	0	71	89	000	0	0	00	00	98	00	0	123	79	0	0	9	0	0	70	72	— 5	+ 6	52.5	+ 28.9	57.9	32
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	075	90	0	0	9	0	0	72	91	000	0	0	00	00	97	02	0	128	75	0	0	9	0	0	71	70	—	—	38.9	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	088	82	0	0	9	0	0	73	86	000	0	0	00	00	98	00	0	122	71	0	0	9	0	0	65	66	— 5	+ 6	38.8	+ 15.1	51.8	36
	Khushab	000	0	0	00	00	99	00	0	086	88	0	0	9	0	0	69	89	000	0	0	00	00	97	00	0	127	79	0	0	9	0	0	72	70	— 8	+ 3	16.5	+ 6.2	22.0	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	xxx	87	0	0	9	0	0	65	91	000	0	0	23	02	96	00	0	135	75	0	0	9	0	0	69	71	— 4	+ 6	14.5	+ 5.3	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	070	91	0	0	9	0	0	67	95	000	0	0	00	00	96	00	0	121	76	0	0	9	0	0	70	74	— 4	+ 7	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	97	02	0	073	94	0	0	9	0	0	67	95	000	0	0	18	02	98	02	0	117	82	0	0	9	0	0	70	79	— 2	+ 12	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	2	18	02	97	01	2	069	92	2	1	8	0	0	71	96																		—					8
	Khanpur	000	0	0	36	03	96	02	0	066	95	0	0	9	0	0	68	99	000	0	0	00	00	96	02	0	122	84	0	0	9	0	0	70	77	+ 1	+ 10	0.5	— 4.4	1.3	6
	Bahawalpur	000	0	0	02	02	97	00	0	070	97	0	0	9	0	0	67	97	000	0	0	00	00	97	00	0	122	86	0	0	9	0	0	71	76	0	+ 11	5.4	+ 1.3	6.4	6
	Fort Abbas	000	0	0	05	02	98	00	0	068	84	0	0	9	0	0	72	98	000	0	0	05	02	98	00	0	128	84	0	0	9	0	0	71	73	—	—	0.9	—	9.3	4
Peshawar	Chakdara	000	0	1	23	02	99	01	1	062	84	1	1	7	0	0	64	85	000	0	0	00	00	98	00	0	129	66	0	0	9	0	0	59	62	—	—	11.1	—	26.6	—
	Peshawar	000	0	1	23	02	97	01	9	064	84	1	1	6	0	0	68	87	000	0	0	00	00	97	02	0	125	73	0	0	9	0	0	68	70	— 4	+ 7	9.7	+ 5.2	23.6	14
	Kohat	000	0	0	23	02	97	00	0	063	83	0	0	9	0	0	71	87	000	0	0	23	01	97	00	0	110	75	0	0	9	0	0	66	68	—	—	21.1	—	32.0	—
	Haripur	000	0	0	00	00	98	00	0	069	80	0	0	9	0	0	73	89	000	0	0	00	00	98	00	0	106	73	0	0	9	0	0	68	68	—	—	22.0	—	35.9	—
	Campbellpur																																								
D. I. Khan	Bannu	000	0	2	16	01	99	01	1	066	87	2	1	6	0	0	67	89	000	0	0	00	00	99	00	0	111	76	0	0	9	0	0	70	72	—	—	12.5	—	19.4	11
	D. I. Khan	000	0	0	36	02	98	00	0	074	89	0	0	9	0	0	74	93	000	0	0	00	00	98	00	0	122	81	0	0	9	0	0	71	74	— 3	+ 9	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	13	02	99	00	0	065	99	0	0	9	0	0	62	91	000	0	0	00	00	99	00	0	108	82	0	0	9	0	0	63	78	—	—	3.4	—	4.1	5
	Nokkundi	000	0	0	16	02	98	02	0	033	97	0	0	9	0	0	37	98	000	0	0	07	02	98	02	0	101	80	0	0	9	0	0	32	72	—	—	0.0	—	1.1	2
	Turbat	000	0	0	18	02	96	00	0	065	99	0	0	9	0	0	86	00	000	0	2	18	02	95	00	0	109	80	0	0	9	0	0	78	xx	—	—	2.9	—	7.3	—
Kalat	Jiwani	000	0	6	13	05	97	01	2	080	85	6	6	4	0	0	75	87	000	0	0	00	00	97	01	0	120	79	2	6	9	0	0	73	75	—	—	0.3	—	5.9	4
	Pasni	000	0	0	07	09	97	00	0	074	87	0	0	9	0	0	74	90	000	0	0	00	00	97	00	0	119	77	0	0	9	0	0	75	77	— 1	+ 8	0.6	— 0.3	3.2	8
	Ormara	000	0	0	18	05	98	00	0	070	86	0	0	9	0	0	75	89	000	0	0	00	00	98	00	0	115	80	0	0	9	0	0	76	76	—	—	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	12	98	02	0	072	85	0	0	9	0	0	78	89	000	0	0	05	10	95	05	0	108	77	0	0	9	0	0	66	75	+ 2	— 0	16.5	+ 10.5	16.5	8
	Karachi (Air Port)	000	0	0	23	03	97	02	0	074	85	0	0	9	0	0	72	89	000	0	0	36	03	97	02	0	108	73	0	0	9	0	0	74	74	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	03	97	00	0	066	92	0	0	9	0	0	71	96	000	0	0	23	02	97	00	0	121	80	0	0	9	0	0	79	78	—	0 + 8	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	0	20	00	98	00	0	072	92	0	0	9	0	0	65	95	000	0	0	21	02	98	00	0	098	83	0	0	9	0	0	67	79	—	—	30.5	—	30.5	—
	Umarkot	000	0	2	29	02	98	02	0	069	93	2	1	6	0	0	67	95	000	0	0	36	05	98	00	0	016	79	0	0	9	0	0	69	74	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	00	00	97	02	0	072	93	0	0	9	0	0	67	95	000	0	0	00	00	97	02	0	105	82	0	0	9	0	0	68	77	— 5	+ 4	14.6	+ 8.6	15.3	7
Khairpur	Padidan	000	0	0	23	03	97	02	1	068	97	0	0	9	0	0	62	98	000	0	0	05	03	97	02	0	113	85	0	0	9	0	0	69	73	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	00	00	97	02	1	076	95	0	0	9	0	0	68	96	000	0	0	00	00	97	02	0	116	83	0	0	9	0	0	71	75	—	—	6.4	—	7.1	—
	Sakkar	000	0	0	36	02	96	00	0	065	94	0	0	9	0	0	70	98	000	0	0	00	00	96	00	0	116	80	0	0	9	0	0	74	75	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	18	03	99	00	0	063	94	0	0	9	0	0	69	98	000	0	0	00	00	99	00	0	114	81	0	0	9	0	0	69	80	—	—	2.1	—	2.0	—
	Jacobabad	000	0	0	18	03	97	02	0	076	95	0	0	9	0	0	66	97	000	0	0	31	02	97	02	0	115	83	0	0	9	0	0	77	78	— 3	+ 10	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								24
Kashmir	Srinagar																																								—
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Miagar																																								—
	Allabad																																								5
	Gilgit																																								59
Rawalpindi	Murree	000	9	4	27	02	98	01	1	506	62	2	1	5	5	0	57	64	000	9	0	00	00	98	00	0	538	58	0	0	9	0	0	41	54	— 4	+ 2	52.4	+ 16.1	77.6	18
	Drosh	000	0	5	23	07	96	03	9	494	75	5	0	6	0	0	51	75	000	0	0	36	05	99	00	0	545	67	0	0	9	0	0	62	65	+ 4	—	—	—	—	—
Peshawar	Chorat	000	4	3	30	03	98	01	6	514	72	x	x	x	x	x	69	82	000	0	0	05	02	97	02	0	529	68	0	0	9	0	0	60	62	— 6	+ 4	20.9	+ 8.7	30.9	29
	Kohat	000	0	2	05	02	99	02	0	497	80	2	1	8	0	0	71	88	000	0	0	00	00	98	00	0	523	75	0	0	9	0	0	57	xx	—	—	49.4	—	54.1	—
	Landi Kotal	000	8	1	13	03	98	01	0	505	75	1	1	7	0	0	63	78	000	0	0	00	00	99	00	0	503	57	0	0	9	0	0	53	xx	—	—	3.8	—	26.9	—
D. I. Khan	Peshchinar	000	0	0	13	02	99	00	0	503	74	0	0	9	0	0	71	xx	000	0	0	00	00	99	00	0	516	72	0	0	9	0	0	63	65	—	—	4.0	—	28.0	29
	Miranshah																		000	0	0	00	00	98	00	0	512	65	0	0	9	0	0	47	63	—	—	7.0	13
	Wana	000	0	3	11	09	97	02	6	475	77	3	0	9	2	0	58	82	000	0	0	23	03	97	02	0	526	71	0	0	9	0	0	62	64	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	1	10	07	97	03	0	489	87	1	1	7	0	0	58	89	000	0	0	36	02	98	00	0	504	69	0	0	9	0	0	62	64	+ 4	+ 7	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	29	02	98	00	0	423	80	0	0	9	0	0	53	80	000	0	0	31	05	98	00	0	367	62	0	0	9	0	0	41	57	—	—	4.6	—	12.6	—
	Loralai	000	0	5	13	03	96	01	1	380	81	3	2	6	3	0	46	84	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	7.1	—	13.0	—
	Marwat	000	5	2	27	01	98	02	4	xxx	xx	2	5	4	0	0	xx	85	000	0	0	18	02	95	00	0	483	69	0	0	9	0	0	52	52	— 8	+ 7	8.4	+ 0.9	12.7	14
	Quetta	000	0	2	00	00	96	01	0	474	84	2	2	5	0	0	32	85	000	0	0	09	01	97	00	0	512	69	0	0	9	0	0	35	40	+ 6	+ 7	4.7	—	10.2	8
	Chaman	000	0	0	09	02	97	02	0	495	86	0	0	9	0	0	58	84	000	0	0	16	05	97	01	0	484	62	0	0	9	0	0	xx	44	+ 7	+ 2	0.1	— 0	6.2	7
	Kalat	000	0	0	31	07	97	02	0	453	74	0	0	9	0	0	53	94	000	0	0	09	19	98	02	0	575	79	0	0	9	0	0	62	65	—	—	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	34	05	98	02	0	561	93	0	0	9	0	0	44	95	000	0	0	00	00	97	02	0	501	63	0	0	9	0	0	31	39	+ 5	+ 8	1.1	—	2.9	—
	Dalbandin	000	0	0	09	03	95	05	0	498	93	0	0	9	0	0	19	94	000	0	0	00	00	98	00	0	504	70	0	0	9	0	0	41	56	+ 7	+ 10	0.2	— 0.1	2.2	5
Afghanistan Kalat	Panjgur	000	0	3	00	00	98	03	0	491	93	3	0	9	7	0	29	75	000	0	0	36	02	99	00	0	592	57	0	0	9	0	0	48	49	—	—	2.5	—	4.1	4
	Kabul	000	0	3	18	03	99	03	0	514	70	3	2	7	0	0	56	75																				—	—	—	12
	Kandahar																																								

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 8th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_mC_H$	D,V, a PP	8 N, Ch, h_s	O T, T_s T_d T_d	$Id_sd_sPH_s$
				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Egidia	...	...	...	43 188	587 00	1 24 09	98 01 0	045 79	15 4 00	15 50 0	...	0 04 78	1 24 x1
Udomaru	...	...	...	43 177	675 00	5 25 10	97 02 1	083 77	57 4 00	76 40 3	...	0 52 73	1 25 30
Canton	...	...	...	43 084	768 00	4 36 09	97 02 1	072 76	32 6 40	76 20 5	...	0 54 73	1 30 21
Akitamaru	...	...	...	43 094	647 00	6 33 06	97 15 8	095 81	54 4 00	66 30 5	...	0 04 73	...
Toscana	...	...	...	43 096	655 00	7 09 08	97 02 2	059 77	77 4 00	24 00 8	...	0 60 73	1 09 x0
Alfred Fraissint	...	...	...	43 240	586 06	4 10 06	99 02 1	082 84	42 5 00	76 40 6	...	0 55 77	1 10 x0
Egidia	...	...	...	43 208	614 12	1 00 00	98 02 0	073 86	11 5 00	15 61 2	...	0 07 80	1 00 x0
Udomaru	...	...	...	43 196	647 12	3 36 02	99 02 0	070 82	42 5 00	76 51 8	...	0 00 78	1 25 21
Alfred Fraissint	...	...	...	43 252	576 12	1 11 10	99 02 0	079 86	11 2 00	76 61 3	...	0 52 79	1 00 0x
Udomaru	...	...	...	43 241	671 12	0 00 00	98 00 0	091 84	00 9 00	45 70 6	...	0 52 75	1 00 0x
Star Alcyone	...	...	...	43 088	692 18	2 14 06	97 02 0	066 79	22 4 00	24 21 4	...	0 58 75	1 14 x0
Toscana	...	...	...	43 265	575 18	0 15 10	98 02 0	084 86	00 9 00	76 21 0	...	0 52 81	1 15 x0
Alfred Fraissint	...	...	...	43 180	576 18	3 18 09	98 03 0	082 79	22 3 00	...	...	0 51 75	1 18 21
Caltex Parnis	...	...	...	43 197	716 18	3 26 09	97 03 0	084 79	31 2 00	15 11 0	...	0 54 73	1 36 33
Dumra	...	...	...	43 229	679 18	0 00 00	99 00 0	105 81	00 9 00	35 20 7	...	0 53 73	1 00 xx
Star Alcyone	...	...	...	43 210	614 18	5 30 09	98 02 0	106 77	35 4 70	25 11 6	...	0 53 73	1 30 21
Clan Chattan	...	...	...	43 207	633 18	2 07 05	99 01 1	100 77	21 5 00	76 21 0	...	0 56 70	1 24 21
Udomaru	...	...	...										

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT$T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...			Misda	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...												
Jiwani ...														
Karachi ...	00 00	007 25 228	084 252 208	...	490 238 092	...	178 132 999	452 085 999	948 005 999	696 612 999	987 692	...	...	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	01 00	969 222 212	...	...	500 222 135	...	261 128 522	435 058 672	898 542 735	623 618 798	...			

At Significant Levels

STATION	Time of ascent in G.M.T	PPPTTT $T_dT_dT_d$								Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Jiwani ...	00 00	900 255 112	800 208 072	...	...	...	...	...	...	...	800 208 072	...	...
Karachi ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Lahore ...													
Multan ...													
Peshawar ...											313 715 999	...	...
Quetta ...	01 00	900 232 178	800 192 105	350 672 999	313 715 999	...	...	...	...	...			

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

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

UPPER WIND DATA*

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

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

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 03	16 03	17 04	19 07	21 08	26 06	30 16	30 13	...	...	...
Chaldali ...	..	..	..	...	...	...	...	...	...	...	...
Chhor ...											
Chittagong ...	24 08	22 05	..	..	...	...	...	...	...	...	...
Cox's Bazar ...	18 09	18 17	17 16	16 14	17 13	18 09	03 07	01 16	01 12		35 01
Dacca ...	09 03	12 03	09 04	13 08	16 11	20 05	32 08	32 15	32 13	32 15	
Dalbandin ...			14 03	22 08	18 12	20 03	08 11	31 06	29 12	30 15	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	23 01	25 07	35 11	35 11	31 21	28 21	27 36	27 4
Fort Sandeman ...	18 02	23 01	33 03	29 03	01 07	06 04	02 13	36 11	31 04	34 02	27 2
Jacobabad ...	13 15	12 20	12 23								...
Jessore ...	11 02	04 04	36 04	33 07	34 08	34 09	25 09	27 18	27 21	27 30	27 3
Jhelum ...	07 02	07 05	12 12	11 16	09 14						...
Jiwani ...	05 11	06 10	06 12	08 15	18 15	07 28	07 25	06 13	09 15		...
Karachi ...	15 06	11 06	07 06	02 09	35 12	02 12	01 10	07 04	07 10	35 13	...
Khanaur ...	34 03	32 01	32 13	34 11	34 06	33 05	27 06	28 09	28 08	27 21	29 2
Lahore ...	15 03	10 03	07 03	34 06	34 08	36 05	32 04	27 03	28 10	27 14	25 2
Multan ...											
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	..	...	...	...	...	...	...	...	...	...	...
Peshawar ...	..	...	..	..	20 03	01 04	36 11	30 13	27 13	28 16	28 4
Quetta ...											
Sharjah ...											
Sylhet ...	22 04	24 03	28 04	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	33 16	36 17	09 13	09 17	09 19	06 15	07 27	07 25	07 25	08 17	09 10	19 06	36 10	...	...	...	...	...
Peshawar ...	Misda	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

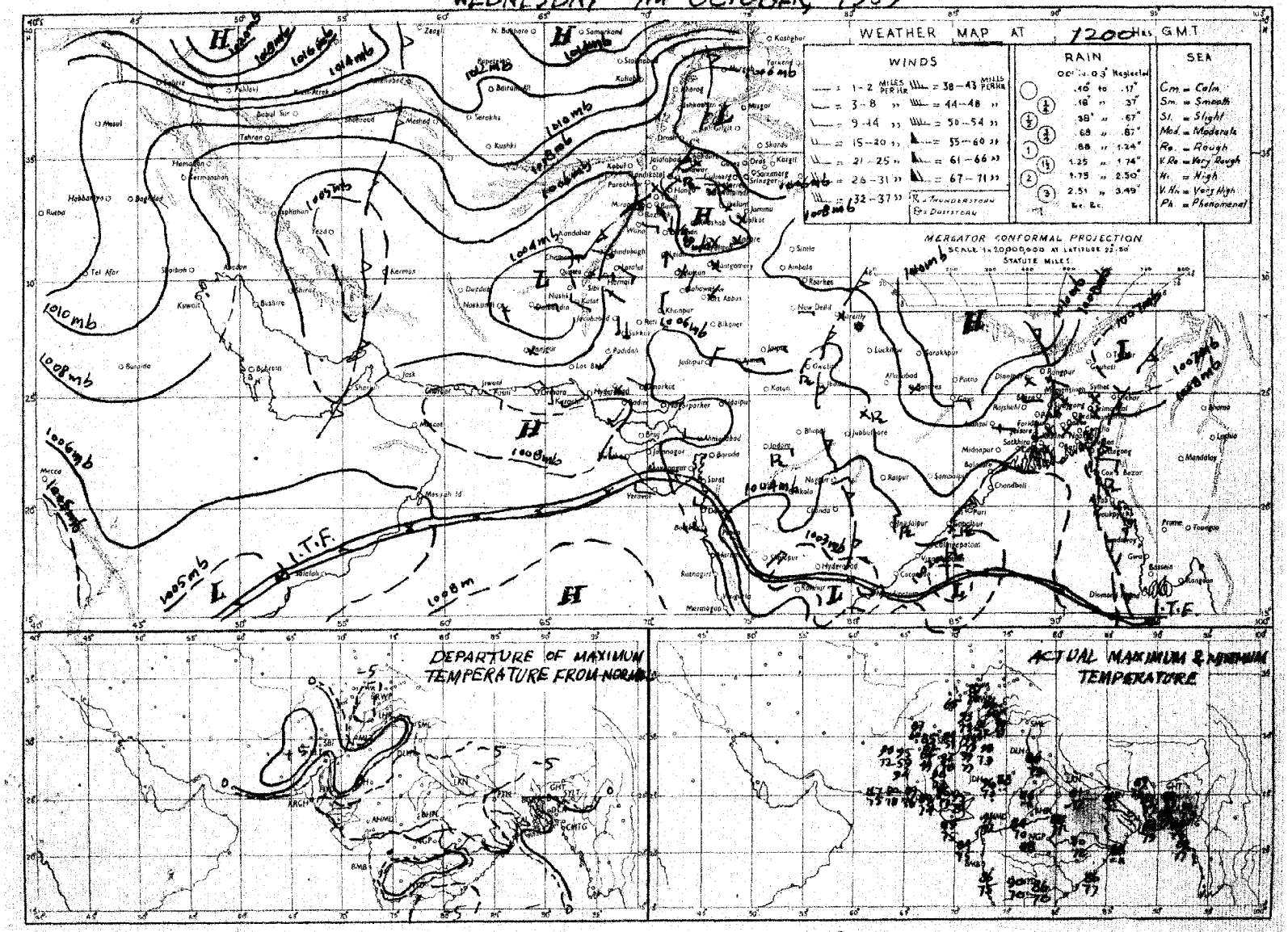
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_hV_v etc.)

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th OCTOBER, 1959



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

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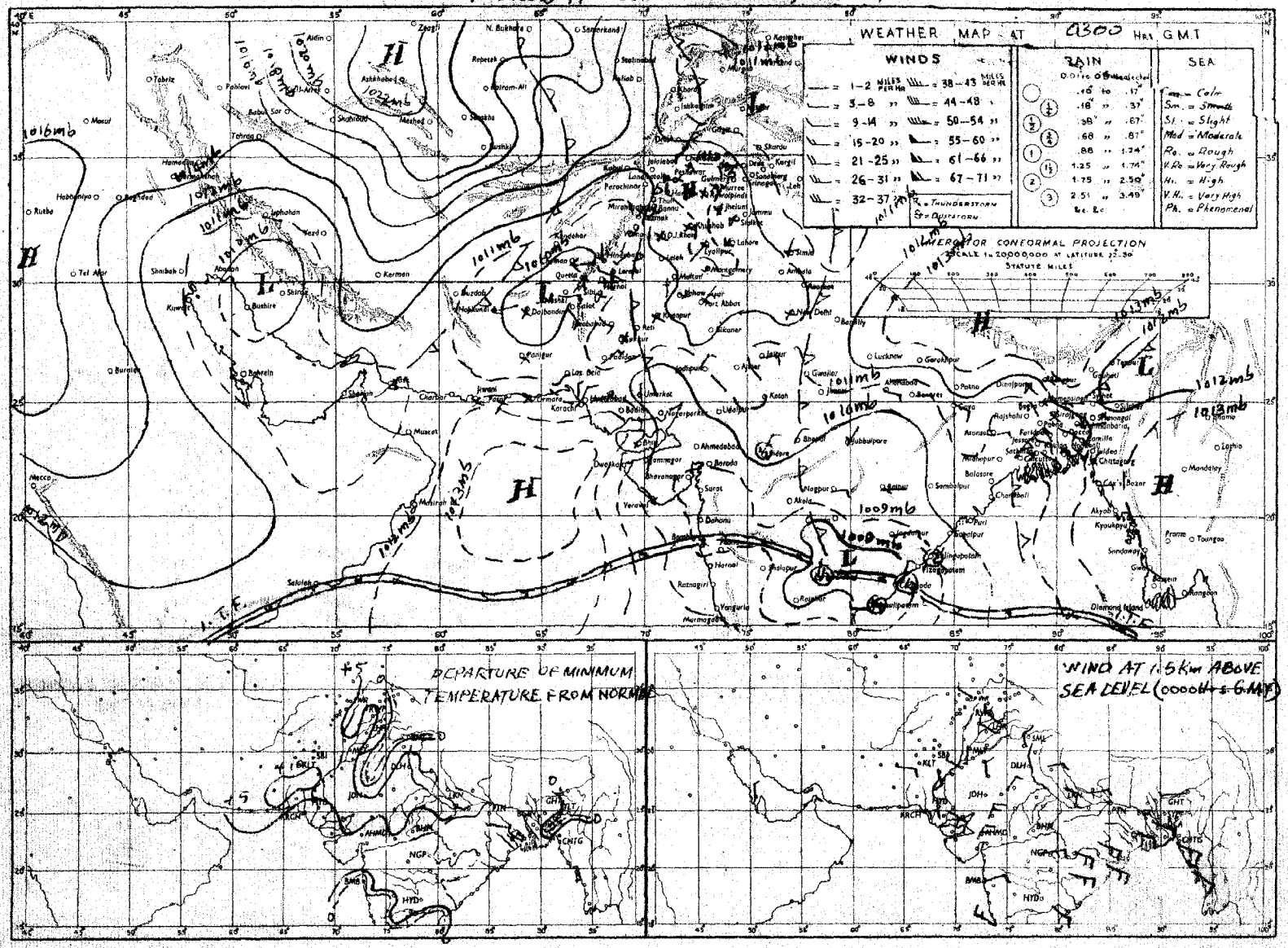
PAKISTAN DAILY WEATHER MAP

THURSDAY 8TH OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 9th OCTOBER, 1959.

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

Yesterday's low over south Orissa and neighbourhood now lies over Madhya Pradesh and adjoining Hyderabad with its trough extending to Kathiawar. Fairly widespread rain/thundershowers have occurred in Dacca division and local in Chittagong division.

The low pressure wave over Kashmir moved away eastwards while a fresh one is approaching Peshawar division.

Chief amounts of rainfall are:- Sylhet 2"; Mymensingh ½" and Cox's Bazar and Dacca 1/4" each.

Day temperatures were:- 4—8°F above normal in Quetta, Kalat and Hyderabad divisions and were 3—5°F below normal in Rawalpindi, Lahore and Multan divisions and were nearly normal in East Pakistan.

Forecast valid until the evening of 10th October, 1959. Scattered rain/thundershowers will occur in East Pakistan, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 9th October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form† (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	8	5	20	03	95	03	6	107	81	2	5	6	4	8	75	86	018	9	8	20	07	95	60	6	141	84	7	4	6	2	x	78	76	− 1	+ 1	117.7	+ 5.6	133.6	140
	Chittagong	000	2	7	20	09	97	17	6	109	81	7	3	4	0	0	77	86	003	9	7	05	02	97	02	9	140	83	7	4	5	0	0	77	76	− 1	+ 1	94.9	+14.9	126.9	108
	Maijdee Court	000	9	9	00	00	xx	03	1	100	80	9	x	0	x	x	76	88	000	9	8	00	00	97	03	2	138	81	4	5	6	2	x	77	70	+ 1	− 6	106.5	+19.1	138.3	115
	Comilla	000	0	8	00	00	94	02	2	096	84	8	4	5	x	x	78	89	000	0	6	00	00	97	03	1	132	81	6	4	5	0	0	78	77	− 0	+ 2	65.9	+ 0.3	91.9	94
	Brahmanbaria	000	0	2	00	00	97	01	1	096	83	2	1	5	0	0	79	92	000	0	8	18	02	97	03	2	134	80	8	4	x	x	x	76	77	−	−	66.0	+14.0	93.0	76
	Sylhet	000	0	2	00	00	xx	01	1	084	82	1	1	6	3	0	75	89	205	9	8	00	00	96	61	9	135	75	5	7	3	2	x	75	73	−	−	141.7	−	179.7	—
	Srimangal	000	0	4	00	00	97	01	1	087	87	4	4	8	0	0	77	91	001	9	7	18	02	96	03	9	138	82	4	3	5	8	0	75	75	0	+ 3	68.0	+ 6.7	80.1	98
Dacca	Mymensingh	022	0	8	23	02	96	63	2	091	82	8	7	5	x	x	76	90	053	9	7	13	02	98	02	6	137	80	7	4	5	0	0	77	76	+ 2	− 0	83.6	+18.4	105.7	91
	Narayanganj	000	9	6	18	02	xx	03	1	090	82	4	0	8	7	8	76	91	000	9	7	18	02	96	01	1	129	83	5	7	4	3	0	78	78	+ 2	+ 1	67.0	+17.0	92.3	74
	Dacca (Tejgaon)	037	5	7	23	02	97	13	6	089	80	6	9	5	0	1	76	89	037	9	7	23	05	97	03	2	125	83	6	8	4	3	0	77	77	−	−	74.2	−	89.5	—
	Faridpur	010	3	8	00	00	96	02	9	082	81	8	9	6	x	x	78	89	010	9	7	11	03	97	03	0	124	82	7	5	6	0	0	78	76	+ 1	− 1	81.2	+32.7	108.5	71
	Barisal	000	6	6	16	01	96	01	2	101	82	6	6	6	0	0	76	88	000	6	6	18	01	97	01	2	133	82	6	6	6	0	0	79	78	− 0	+ 1	114.6	+56.4	129.3	81
Rajshahi	Khulna	000	0	0	00	00	95	00	0	097	81	0	0	9	0	0	79	88	000	0	6	09	02	96	03	1	100	81	6	5	6	0	0	77	76	− 0	+ 1	77.4	+27.3	101.9	68
	Satkhira	000	0	6	00	00	95	03	1	095	80	6	6	7	0	0	79	88	000	0	6	00	00	92	03	1	129	83	6	6	7	0	0	77	77	− 1	+ 2	59.1	+11.4	77.2	65
	Jessore	002	4	6	18	02	96	02	6	088	82	4	4	5	6	0	79	87	002	0	6	18	03	97	02	1	120	83	4	8	6	0	0	80	77	− 3	0	62.4	+17.3	98.6	65
	Sirajganj	000	0	8	00	00	94	02	2	072	83	8	6	4	x	x	82	90	000	0	4	18	03	96	03	0	119	83	2	1	5	5	0	82	77	+ 2	+ 1	79.8	+33.5	104.6	64
	Bogra	000	0	1	23	02	96	01	0	086	85	1	2	6	0	0	77	90	000	0	6	27	02	97	03	1	129	81	4	2	4	3	7	76	78	+ 1	+ 3	71.9	+20.3	100.9	69
	Dinajpur	000	0	0	00	00	xx	00	0	078	85	0	0	9	0	0	76	90	000	0	6	00	00	96	02	0	102	82	6	0	9	2	0	78	79	+ 1	+ 4	46.4	−11.2	63.7	72
	Rangpur	030	0	2	13	02	96	01	1	xxx	85	1	5	6	1	0	78	90	008	9	8	09	02	96	03	5	xxx	79	8	7	6	x	x	78	79	+ 1	+ 4	68.2	+ 4.3	88.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	0	31	02	96	02	0	092	88	0	0	9	0	0	70	92	000	0	0	00	00	96	02	0	114	79	0	0	9	0	0	71	72	− 3	+ 7	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	98	00	0	082	85	0	0	9	0	0	78	89	000	0	0	00	00	97	00	0	110	78	0	0	9	0	0	72	72	− 5	+ 6	32.5	+28.9	57.9	32
Rawalpindi	Jhelum	001	0	0	15	02	98	02	0	086	88	0	0	9	0	0	73	92	000	0	0	00	00	97	02	0	114	75	0	0	9	0	0	70	70	−	−	38.9	−	49.3	—
	Rawalpindi	000	0	0	27	02	99	00	0	096	84	0	0	9	0	0	69	87	000	0	0	02	02	99	00	0	115	70	0	0	9	0	0	63	64	− 4	+ 4	38.8	+15.1	51.8	36
	Kharian	000	0	0	00	00	99	00	0	086	92	0	0	9	0	0	74	95	000	0	0	00	00	99	00	0	119	81	0	0	9	0	0	73	74	− 2	+ 7	16.5	+ 6.2	22.0	15
Multan	Lyallpur	000	0	0	31	01	96	00	0	092	93	0	0	9	0	0	68	93	000	0	0	00	00	96	00	0	110	77	0	0	9	0	0	69	75	− 2	+ 12	14.5	+ 5.3	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	088	93	0	0	9	0	0	61	95	000	0	0	00	00	96	00	0	111	75	0	0	9	0	0	70	73	− 4	+ 6	6.1	− 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	082	95	0	0	9	0	0	85	97	000	0	0	00	00	98	02	0	098	84	0	0	9	0	0	68	79	0	+ 12	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	19	02	96	05	0	090	96	0	0	9	0	0	70	98	000	0	0	13	07	98	02	0	090	83	0	0	9	0	0	70	75	−	−	5.0	−	6.9	8
	Khanpur	000	0	1	36	03	96	03	0	087	97	1	1	8	0	0	70	01	000	0	0	16	03	96	02	0	105	84	0	0	9	0	0	66	79	+ 3	+ 12	0.5	− 4.3	1.3	6
	Bahawalpur	000	0	0	0-	00	97	00	0	089	95	0	0	9	0	0	68	96	000	0	0	00	00	97	00	0	099	86	0	0	9	0	0	66	76	− 1	+ 11	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	0	05	02	98	00	0	091	94	0	0	9	0	0	67	98	000	0	0	13	03	98	00	0	107	86	0	0	9	0	0	61	71	−	−	8.9	−	9.2	4
Peshawar	Chakdara	000	0	0	23	02	99	00	0	086	86	0	0	9	0	0	62	88	000	0	0	00	00	98	00	0	111	65	0	0	9	0	0	57	61	−	−	11.1	−	26.5	—
	Peshawar	000	0	1	00	00	96	05	0	087	88	1	1	6	0	0	70	91	000	0	0	00	00	95	05	0	114	72	0	0	9	0	0	70	69	0	+ 6	9.7	+ 5.2	23.6	14
	Hariपur																		000	0	0	23	02	97	02	0	094	72	0	0	9	0	0	64	67		−	21.1	−	32.0	—
	Campbellpur	000	0	0	23	02	98	00	0	100	85	0	0	9	0	0	76	92	000	0	0	00	00	98	00	0	135	77	0	0	9	0	0	65	67	−	−	22.0	−	35.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	072	90	0	0	9	0	0	65	88	000	0	0	00	00	99	00	0	120	76	0	0	9	0	0	68	72	−	−	12.5	−	19.4	11
	D. I. Khan	000	6	0	00	00	98	00	0	085	95	0	0	9	0	0	76	97	000	0	0	00	00	98	00	0	099	82	0	0	9	0	0	71	74	+ 1	+ 9	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	18	02	99	00	0	076	02	0	0	9	0	0	57	04	000	0	0	00	00	99	00	0	114	79	0	0	9	0	0	59	74	−	−	3.4	−	4.1	5
Kalat	Nokkundi	000	0	0	16	02	98	02	0	054	98	0	0	9	0	0	46	01	000	0	0	29	02	99	02	0	114	80	0	0	9	0	0	47	77	−	−	0	−	1.1	2
	Turbat	000	0	0	23	02	96	00	0	097	03	0	0	9	0	0	xx	04	000	0	0	05	02	95	00	0	110	82	0	0	9	0	0	77	xx	−	−	2.9	−	7.3	7
	Jiwani	000	0	4	23	07	97	03	0	109	86	4	6	4	0	0	74	90	000	0	1	31	03	97	02	0	116	80	1	6	4	0	0	76	76	−	−	0.3	−	5.9	4
	Pasni	000	0	0	20	12	97	00	0	099	89	0	0	9	0	0	72	96	000	0	7	29	02	97	00	0	117	78	0	0	9	0	0	71	74	+ 1	+ 5	0.6	− 0.3	3.2	6
	Ormara	000	0	0	27	09	98	00	0	081	85	0	0	9	0	0	75	87	000	0	0	27	03	98	00	0	107	81	0	0	9	0	0	75	78	−	−	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	1	00	00	98	03	0	081	99	1	5	6	0	0	58	01	000	0	0	00	00	97	02	0	104	80	0	0	9	0	0	66	75	−	−	22.6	−	22.9	—
	Karachi (Air Port)	000	0	0	23	02	97	00	0	090	96	0	0	9	0	0	69	00	000	0	0	23	02	95	00	0	107	82	0	0	9	0	0	79	79	+ 4	+ 9	11.2	+ 4.0	11.2	9
	Badin	000	0	0	23	02	98	00	0	064	93	0	0	9	0	0	66	95	000	0	0	00	00	98	00	0	100	89	0	0	9	0	0	68	80	−	−	30.5	−	30.5	—
	Nagarparkar	000	0	2	05	09	98	02	0	067	90	2	1	6	0	0	66	01	000	0	0	13	03	98	00	0	100	84	0	0	9	0	0	65	73	−	−	18.8	−	19.5	—
	Umarkot	000	0	0	00	00	97	02	0	081	97	0	0	9	0	0	63	01	000	0	0	00	00	97	02	0	100	81	0	0	9	0	0	69	78	+ 1	+ 5	14.6	+ 8.6	15.3	7
	Hyderabad																																								
Khairpur	Pad-i-dan	030	0	0	05	07	97	02	0	084	97	0	0	9	0	0	60	90	000	0	0	26	02	97	02	0	104	82	0	0	9	0	0	67	71	−	−	7.3	−	7.5	—
	Nawabshah	000	0	1	36	05	97	01	0	084	98	1	1	6	0	0	68	00	000	0	0	00	00	97	02	0	102	85	0	0	9	0	0	67	73	−	−	6.4	−	7.1	—
	Sukkur	000	0	0	36	03	96	00	0	082	95	0	0	9	0	0	72	00	000	0	0	16	03	96	00	0	104	82	0	0	9	0	0	75	77	−	−	3.5	−	4.6	4
	Kashmore	000	0	0	18	03	99	00	0	082	96	0	0	9	0	0	66	98	000	0	0	00	00	99	00	0	103	90	0	0	9	0	0	69	76	−	−	2.0	−	2.1	—
	Jacobabad	000	0	0	18	03	97	02	0	086	98	0	0	9	0	0	65	99	000	0	0	09	03	97	02	0	106	85	0	0	9	0	0	71	77	− 1	+ 9	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Aden	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Miagar																																								—
	Allahbad																																								5
	Gilgit																																								—
Rawalpindi	Murree	000	0	0	31	03	99	00	0	515	64	0	0	9	0	0	51	68	000	0	0	00	00	99	00	0	527	60	0	0	9	0	0	37	55	− 0	+ 3	52.4	+16.1	77.6	59
Peshawar	Drosh	000	0	0	23	05	98	02	0	590	85	0	0	9	0	0	41	80	000	0	0	00	00	98	02	0	533	63	0	0	9	0	0	41	62	+ 13	+ 6	1.5	−	30.7	18
	Chitral	000	0	0	00	00	96	05	0	572	78	0	0	9	0	0	74	80	000	0	0	23	02	98	00	0	523	66	0	0	9	0	0	62	64	− 1	+ 3	20.9	+ 8.7	30.9	29
	Kakul	000	0	0	18	05	99	00	0	514	74	0	0	9	0	0	58	80	000	0	0	36	02	97	02	0	517	68	0	0	9	0	0	50	61	−	−	49.4	−	54.1	—
D.I. Khan	Landi Kotal	000	0	0	13	03	99	00	0	511	83	0	0	9	0	0	59	87	000	0	0	00	00	98	00	0	507	68	0	0	9	0	0	59	xx	−	−	3.8	−	26.9	—
	Parachinar	000	0	0	13	02	99	00	0	504	76	0	0	9	0	0	66	xx	000	0	0	00	00	99	00	0	504	59	0	0	9	0	0	45	xx	−	−	14.1	−	28.0	29
	Miranshah	000	0	0	00	00	99	00	0	511	85	0	0	9	0	0	78	88	000	0	0	00	00	99	00	0	506	72	0	0	9	0	0	63	65	−	− 1.5	4.0	−	7.0	13
	Wana	000	0	0	18	05	97	03	0	505	83	0	0	9	0	0	43	86	000	0	0	00	00	98	00	0	501	64	0	0	9	0	0	46	55	−	−	5.1	−	14.1	—
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	510	88	0	0	9	0	0	51	91	000	0	0	00	00	97	02	0	525	68	0	0	9	0	0	50	60	+ 6	+ 3	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	31	03	98	00	0	482	84	0	0	9	0	0	47	84	000	0	0	31	01	98	00	0	504	59	0	0	9	0	0	32	58	−	−	4.6	−	12.6	—
	Loralai	000	0	0	18	05	98	00	0	367	83	0	0	9	0	0	35	90	000	0	0	31	03	98	00	0	350	62	0	0	9	0	0	25	55	−	−	7.1	−	13.0	—
	Harnai	000	0	0	27	03	99	00	0	xxx	98	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	8.4	+ 0.9	12.7	14
Kalat	Quetta	000	0	0	31	02	97	00	0	467	82	0	0	9	0	0	28	84	000	0	0	00	00	95	00	0	524	63	0	0	9	0	0	40	46	+ 7	+ 1	4.7	+ 3.7	10.2	8
	Chaman	000	0	0	27	02	97	00	0	518	88	0	0	9	0	0	60	91	000	0	0	09	01	97	00	0	524	73	0	0	9	0	0	34	64	+ 11	+ 11	6.1	− 0	6.2	7
	Kalat	000	0	0	00	00	98	02	0	478	80	0	0	9	0	0	48	93	000	0	0	16	02	97	02	0	473	64	0	0	9	0	0	39	45	+ 6	+ 3	6.3	+ 5.1	11.0	9
Afghanistan	Nushki	000	0	0	31	05	98	02	0	583	95	0	0	9	0	0	52	95	000	0	0	09	11	98	02	0	567	79	0	0	9	0	0	63	69	−	−	1.3	−	2.9	—
	Dalbandin	000	0	0	00	97	02	0	521	98	0	0	9	0	0	0	40	98	...	...	0	00	00	98	00	0	524	73	...	0	9	0	0	64	64	+ 8	−	2.5	−	4.1	5
	Panjgur	000	0	4	23	03	98	03	0	521	91	4	0	9	7	0	58	91																		+ 4	+ 8				4
	Kabul																																								12
	Kandahar																																								

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 9th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	53 217	618 00	1 09 02	99 01 0	070 77	11 5 00	76 33 0	...	0 54 70	1 24 11
Egidia	53 227	640 00	1 11 05	98 02 0	110 81	11 5 00	15 40 0	...	0 01 79	1 11 x1
Alvelos	53 246	581 00	5 11 05	98 01 3	066 82	52 5 00	35 40 0	...	0 56 77	1 11 x1
Bathambee	53 285	504 06	0 34 13	98 02 0	131 86	00 9 00	35 21 5	...	0 07 82	1 34 22
Dumra	53 214	696 06	4 29 09	99 02 1	096 81	11 2 03	15 40 0	...	0 51 77	1 29 22
Alvelos	53 236	590 06	4 13 06	98 02 1	100 86	32 5 60	35 21 7	...	0 52 82	1 13 x1
Caltex Pernis	53 205	590 06	1 02 03	98 02 0	122 79	13 3 00	...	...	0 00 73	1 02 20
Egidia	53 238	654 06	0 02 05	98 02 0	131 82	00 9 00	15 11 8	...	0 00 79	1 02 x0
Alvelos	53 225	599 12	1 03 05	98 02 0	081 86	11 6 00	35 61 3	...	0 02 79	1 03 0x
Caltex Pernis	53 218	597 12	2 05 09	98 02 0	105 86	22 4 00		...	0 02 73	1 05 20
Batombee	53 270	521 15	0 30 02	98 01 0	123 84	00 9 00	35 40 3		0 00 77	1 20 30
Alvelos	53 213	594 18	4 12 05	98 02 1	100 81	12 5 60	55 21 0	...	0 02 79	1 22 x0
Toscana	53 081	739 18	2 28 10	98 02 0	066 79	22 5 00	24 10 5	...	0 57 75	1 29 x0
Dumra	53 234	675 18	0 31 05	99 02 0	102 84	00 9 00	75 21 0	...	0 02 81	1 31 22
Caltex Penis	53 231	596 18	0 28 03	99 02 0	131 81	00 9 00	..	..	0 54 73	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTT$T_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	..	Misda	—	—	—	—	—	—	—	—	—	..	—
Jiwani														
Karachi	00 00	007 238 185	080 252 182	—	480 242 125	..	176 115 535	455 015 645	879 622 802	..	—	..	—	—
Lahore	00 00	.	Misda	..	..	..	..	—	—	—	—	—	—	—
Multan														
Peshawar														
Quetta	00 00	969 212 212	..	—	500 212 122	—	152 128 535	430 045 642	888 572 742	593 688 999	—	971 758		

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	.	Misda		—	—	—	—	—	—	—	—	..
Jiwani													
Karachi	00 00	900 272 132	800 242 125	485 632 805	..	—	—	—	—	—	485 632 805	—	—
Lahore	00 00	...	Misda		—	..	—	—	—	—	—	—	—
Multan													
Peshawar													
Quetta	00 00	900 232 162	800 182 078	350 722 999	265 785 999	—	..	..	—	..	265 785 999	—	..

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.3	9.
	At 600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	31	22	23	24	25	26	
Bogra	22 08	21 12	—	—	—	—	—	—	..	—	
Chaklala	..	...	..	—	—	..	..	—	—	—	
Chhor						—	—	—	—	...	
Chittagong	22 13	22 10	22 07	25 06	23 06	—		—	—	—	
Cox's Bazar	21 08	21 06	24 05	29 06	31 06					—	
Dacca	22 05	24 08	23 08	23 05	21 06	26 04	32 11	27 10	25 10	—	
Dalbandin	—	—	07 02	03 02	07 05	04 09	03 12	06 07	10 11	31 11	29
D. I. Khan	..	—	—	—							
Drosh	—	...	—		05 05	02 10	16 03	21 08	15 07	..	
Fort Sandeman			—	25 05	24 03	01 06	31 11	32 22	32 34	32 31	
Jacobabad	23 03	24 05	27 06	34 07	07 09	05 06	04 04	35 03	32 04	30 07	
Jessore										—	
Jhelum	14 03	19 03	27 04	30 10	31 09	34 11	30 19	29 03	27 29	—	
Jiwani	28 12	29 11	30 17	36 04	01 06	04 12	03 14	06 11	07 12	—	
Karachi	02 08	03 13	03 13	06 10	06 12	06 20	07 19	05 15	06 15	05 10	
Khanpur	18 12	22 07	25 08	29 10	32 14	04 11					
Lahore	35 01	29 04	29 05	30 08	31 11	35 12	33 13	34 15	35 18	—	
Multan	16 07	21 08	19 03	12 03	03 09	03 07		—	—		
Musoorie	—	—	—	—		—	—	..	—	—	
Panjgur	..	..	—	—	...	—	...	...		..	
Peshawar	—			—						..	
Quetta	.	—	..		31 1.	04 16	35 09	12 10	33 11	..	
Sharjah			—	—						...	
Sylhet	No	Ascent	—	—	..	...	...		—	—	
Veraval	..			—			—	...	.		

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
Chittagong																		
Dacca	Misda																	
Karcahi	16 04	21 01	17 04	11 12	10 21	05 26	01 23	01 08	35 05	31 12	...	..	—	—	—	...	—	...
Peshawar																		
Quetta																		

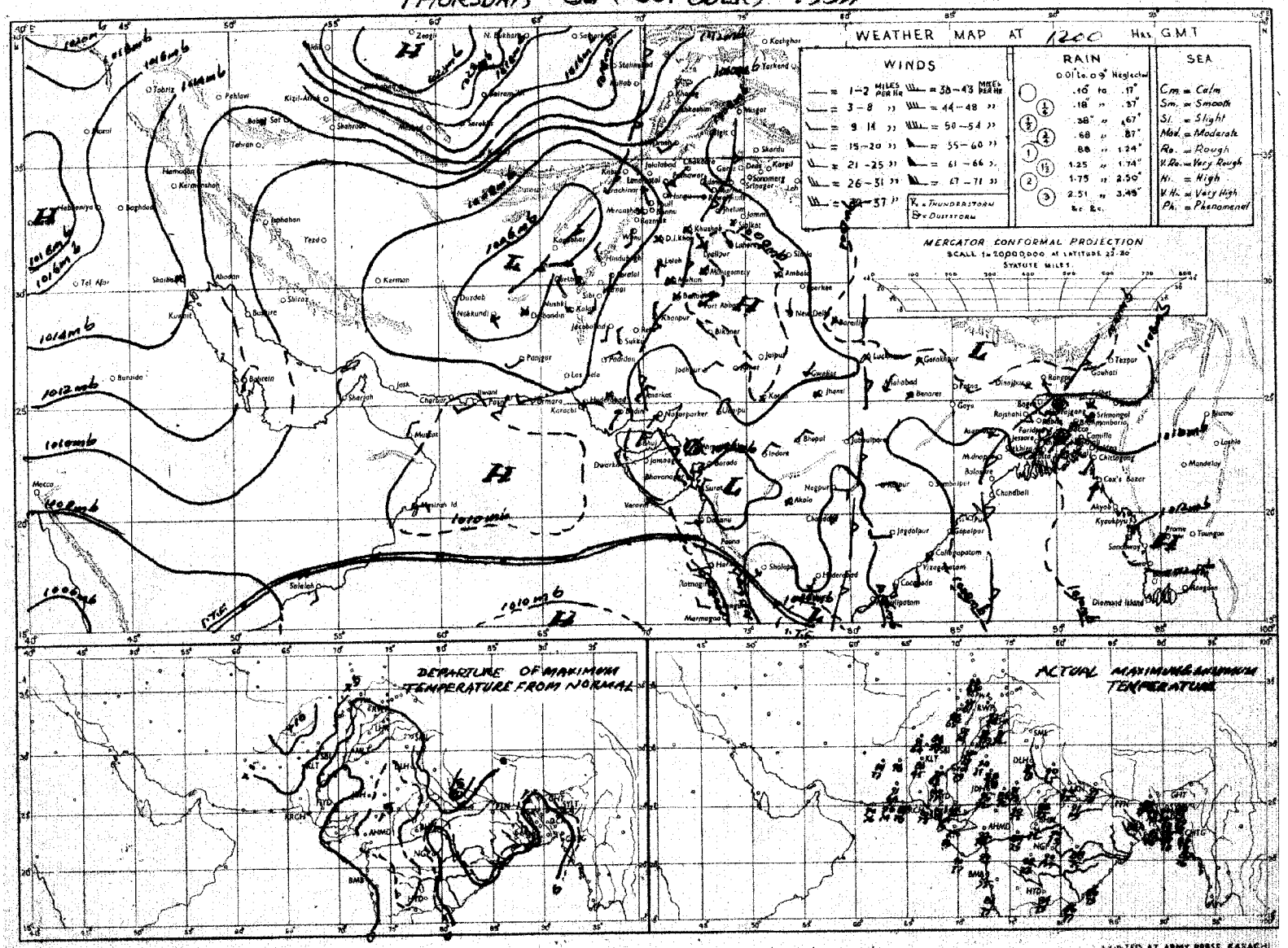
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 8th OCTOBER, 1959.



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

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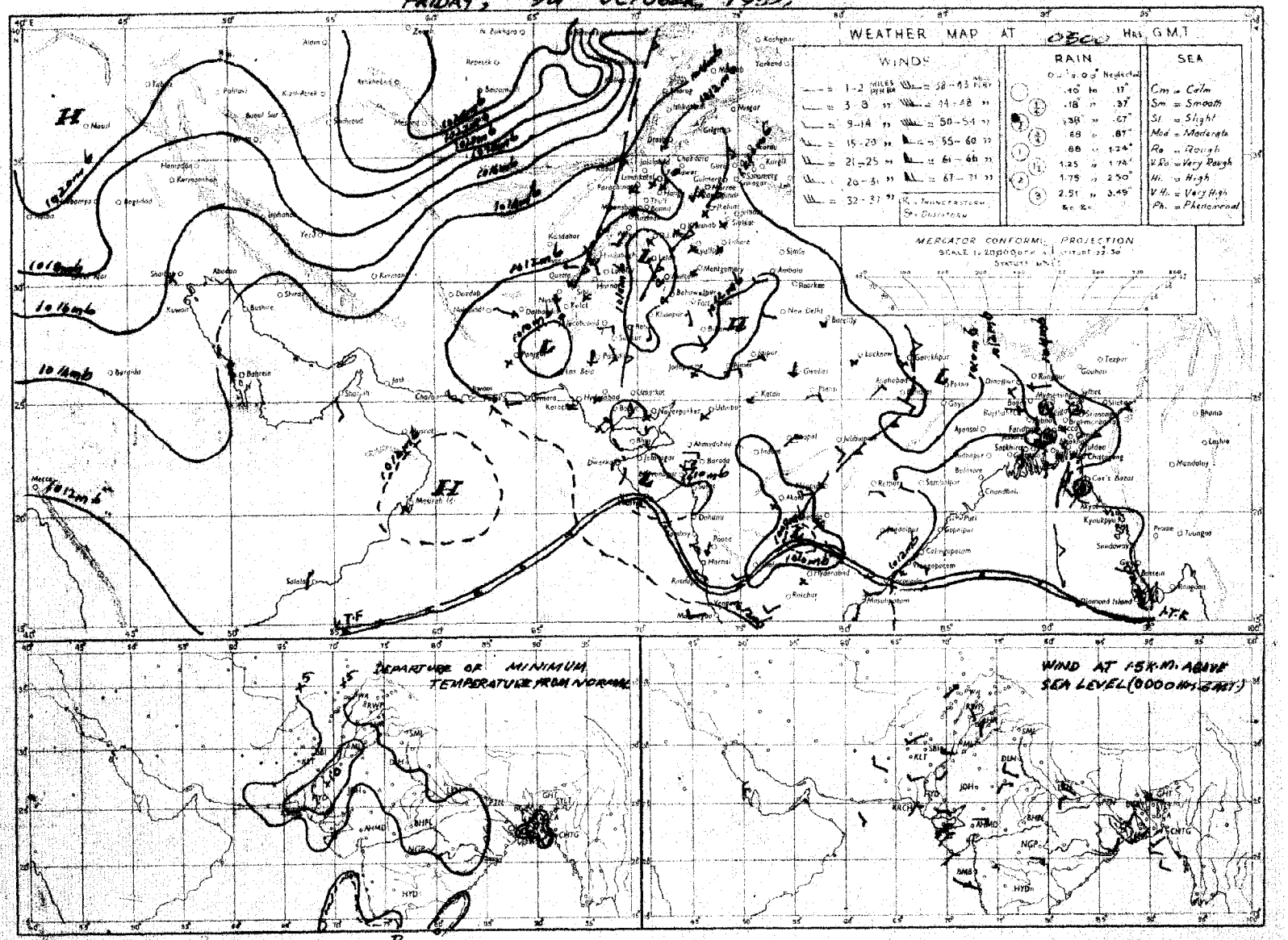
PAKISTAN DAILY WEATHER MAP

FRIDAY, 9th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 10th OCTOBER, 1959

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

Yesterday's low over Madhya Pradesh and adjoining areas has weakened into a trough over southwest Madhya Pradesh and the trough of low over Kathiawar Konkan coast has concentrated into a well-marked low over there. It is likely to intensify further into a depression and may move in a northerly direction.

The low pressure wave approaching Peshawar division is now moving across Peshawar division and neighbourhood.

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

Weather has remained dry in West Pakistan.

Chief amounts of rainfall are:- Comilla and Dinajpur 3" each; Rangpur 2"; Faridpur and Jessore 1½" each; Sylhet and Sirajganj 1" each; Brahmanbaria and Srimangal 3/4" each and Maijdee Court, Mymensing and Satkhira ¼" each.

Day temperatures were:- 3—8°F above normal in Quetta, Kalat, Hyderabad, Khairpur and Bahawalpur divisions and were 3—6°F below normal in Chittagong division outside coast.

Forecast valid until the evening of 11th October, 1959. Local thunderstorm/showers will occur in East Pakistan and scattered in D. I. Khan, Peshawar, Rawalpindi and Hyderabad divisions and Kashmir.

Karachi-11
The 10th October, 1959.

OBSERVATIONS

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	5	5	25	05	95	01	9	111	80	2	3	7	7	8	85	87
	Chittagong	000	0	7	23	02	97	02	2	106	80	6	3	5	1	0	75	86
	Maijdee Court	020	6	9	00	00	96	03	6	101	78	9	x	x	x	x	75	85
	Comilla	055	6	8	00	00	94	02	2	102	79	8	4	5	x	1	78	83
	Brahmanbaria	000	0	7	18	02	97	17	1	095	80	4	4	5	2	0	79	86
	Sylhet	012	5	7	00	00	xx	03	9	096	78	5	8	5	3	0	77	81
	Srimangal	081	6	8	00	00	94	95	9	101	77	8	3	4	1	1	75	85
Dacca	Mymensingh	007	0	8	27	02	96	55	2	096	78	8	7	4	1	1	74	86
	Narayanganj	000	9	7	20	02	xx	03	2	090	80	5	0	8	7	8	76	88
	Dacca (Tezgaon)	004	4	8	23	03	97	29	9	087	78	3	3	4	2	1	76	88
	Faridpur	152	5	8	00	00	96	02	9	093	83	5	4	6	1	1	76	87
	Barisal	000	7	8	00	00	94	03	2	092	80	0	7	5	0	0	77	86
Rajshahi	Khulna	000	0	8	00	00	95	01	2	093	80	8	5	7	0	0	79	85
	Satkhira	028	0	8	00	00	94	03	6	088	79	1	1	6	1	1	74	85
	Jessore	154	6	8	18	03	96	03	6	102	79	8	8	5	1	1	79	88
	Sirajganj	000	0	4	00	00	95	03	1	064	79	3	9	6	0	0	78	89
	Bogra	000	0	7	00	00	95	03	2	079	85	4	8	5	1	2	78	89
	Dinajpur	000	8	4	00	00	xx	01	2	075	85	7	0	9	2	1	77	88
	Rangpur	030	8	6	13	02	96	03	1	xxx	84	4	5	6	2	0	78	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	03	96	02	0	076	92	0	0	9	0	0	76	94
	Sialkot	000	0	0	00	00	97	00	0	072	87	0	0	9	0	0	74	90
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	070	90	0	0	9	0	0	74	93
	Rawalpindi	000	0	0	00	00	99	00	0	075	87	0	0	9	0	0	72	91
	Khushab	000	0	0	00	00	99	00	0	070	92	0	0	9	0	0	70	96
Multan	Lyallpur	000	0	0	00	00	96	00	0	083	95	0	0	9	0	0	69	94
	Montgomery	000	0	0	00	00	96	00	0	078	94	0	0	9	0	0	70	99
	Multan	000	0	0	23	02	98	02	0	061	98	0	0	9	0	0	64	00
Bahawalpur	Leiah	000	0	0	00	00	97	05	0	062	92	0	0	9	0	0	62	93
	Khanpur	000	0	0	00	00	98	02	0	057	02	0	0	9	0	0	66	04
	Bahawalpur	000	0	0	00	00	97	00	0	048	99	0	0	9	0	0	72	2
	Fort Abbas	000	0	0	97	02	98	00	0	079	96	0	0	9	0	0	64	00
Peshawar	Chakdara	000	0	0	23	02	99	00	0	092	85	0	0	9	0	0	64	87
	Peshawar	000	0	0	06	05	97	02	0	072	87	0	0	9	0	0	71	90
	Haripur	000	0	0	05	02	97	00	0	042	87	0	0	9	0	0	79	92
	Campbellpur	000	0	0	09	02	98	00	0	081	90	0	0	9	0	0	65	92
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	054	91	0	0	9	0	0	65	93
	D. I. Khan	000	6	0	00	00	98	00	0	059	95	0	0	9	0	0	77	98
Quetta	Sibi	000	0	0	18	02	99	00	0	059	05	0	0	9	0	0	38	06
Kalat	Nokkundi	000	0	0	34	02	99	02	0	074	99	0	0	9	0	0	36	02
	Turbat	000	0	0	36	02	95	00	0	076	06	0	0	9	0	0	xx	06
	Jiwani	000	0	0	23	12	97	02	0	094	86	0	0	9	0	0	77	93
	Pasni	000	0	0	23	07	97	00	0	077	91	0	0	9	0	0	69	99
	Ormara	000	0	0	27	09	98	00	0	071	93	0	0	9	0	0	73	98
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	31	10	98	02	0	076	92	0	0	9	0	0	64	97
	Karachi (Air Port)	000	0	0	20	07	98	01	0	068	97	0	0	9	0	0	65	03
	Badin	000	0	0	23	02	97	00	0	075	99	0	0	9	0	0	75	04
	Nagarparker	000	0	0	07	00	98	00	0	064	94	0	0	9	0	0	67	96
	Umarkot	000	0	0	30	05	98	00	0	051	97	0	0	9	0	0	64	01
	Hyderabad	000	0	0	03	00	97	02	0	069	99	0	0	9	0	0	64	02
Khairpur	Pad-i-dan	000	0	0	36	05	98	02	0	060	00	0	0	9	0	0	52	03
	Nawabshah	000	0	0	00	00	97	02	0	073	01	0	0	9	0	0	69	03
	Sukkur	000	0	0	36	02	96	00	0	058	98	0	0	9	0	0	64	03
	Kashmore	000	0	0	xx	xx	99	00	0	067	97	0	0	9	0	0	64	02
	Jacobabad	000	0	0	23	02	97	02	0	063	99	0	0	9	0	0	62	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	31	02	99	00	0	506	64	0	0	9	0	0	56	69
Peshawar	Drosh	000	0	0	23	09	97	02	0	473	85	0	0	9	0	0	68	97
	Cherat	000	0	0	13	01	98	00	0	509	76	0	0	9	0	0	71	81
	Kakul	000	0	0	16	03	99	00	0	505	75	0	0	9	0	0	57	81
	Landi Kotal	000	0	0	13	02	98	00	0	500	81	0	0	9	0	0	66	87
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	804	74	0	0	9	0	0	71	xx
	Miranshah	000	0	0	00	00	99	00	6	485	87	0	0	9	0	0	77	88
	Wana	000	0	0	13	03	98	00	0	506	85	0	0	9	0	0	39	88
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	499	89	0	0	9	0	0	56	92
	Hindubagh	000	0	1	29	04	98	00	0	482	85	0	0	9	0	0	46	85
	Loralai	000	0	0	13	03	98	00	0	370	85	0	0	9	0	0	62	91
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	30	02	93	00	0	527	83	0	0	9	0	0	38	85
	Chaman	000	0	0	31	02	97	00	0	509	89	0	0	9	0	0	69	90
Kalat	Kalat	000	0	0	36	05	97	02	0	471	77	0	0	9	0	0	51	82
	Nushki	000	0	0	31	11	98	02	0	593	95	0	0	9	0	0	41	97
	Dalbandin	000	0	0	13	03	97	02	0	521	97	0	0	9	0	0	36	99
	Panjgur	000	0	0	31	02	98	00	0	415	94	0	0	9	0	0	31	95
Afghanistan	Kabul	000	0	2	18	02	99	03	0	512	74	2	1	9	0	0	57	81
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	008	2	5	20	03	97	02	6	124	82	3	2	7	6	2	77	75	0	0	117.8	+5.5	133.7	140
	Chittagong	005	3	3	23	02	97	95	9	129	77	8	3	4	x	x	76	76	−1	+1	94.9	+14.8	126.9	108
	Maijdee Court	025	6	8	00	00	96	03	6	118	76	4	5	6	2	x	73	71	−2	−5	106.7	+19.1	138.5	115
	Comilla	317	1	8	00	00	96	63	6	126	76	8	4	5	x	x	76	76	−6	+1	69.1	+3.8	95.0	94
	Brahmanbaria	081	1	8	13	02	95	63	6	118	77	4	7	5	2	x	75	76	—	—	66.8	+15.5	92.8	76
	Sylhet	092	9	8	09	02	95	61	9	113	74	7	7	4	2	x	73	xx	—	—	142.6	—	180.6	—
	Srimangal	083	9	7	00	00	96	03	9	114	80	5	3	4	4	x	76	74	−6	+2	68.0	+5.5	80.1	98
Dacca	Mymensingh	030	9	6	13	02	98	02	9	109	80	6	4	4	0	0	76	75	−2	−1	83.6	+18.2	105.7	91
	Narayanganj	004	6	7	20	02	96	03	6	112	82	5	4	3	7	0	77	77	−1	0	67.1	+16.9	92.3	74
	Dacca (Tezgaon)	004	4	7	23	07	97	02	9	101	83	7	8	4	0	0	77	77	—	—	74.2	—	89.5	—
	Faridpur	152	9	7	25	02	97	03	6	102	83	7	5	6	0	0	77	74	−1	−3	82.7	+34.1	110.0	71
	Barisal	000	7	4	18	01	97	01	2	111	79	0	6	7	0	0	78	78	−2	+1	68.0	+9.5	80.1	81
Rajshahi	Khulna	000	0	5	00	00	97	01	2	108	84	5	5	7	0	0	79	77	−3	+2	77.4	+27.1	101.9	68
	Satkhira	028	0	6	00	00	96	03	2	101	83	6	6	8	0	0	77	77	−4	+2	59.4	+11.5	77.4	65
	Jessore	154	9	8	20	05	97	03	6	100	81	8	4	5	x	x	80	76	−2	−1	64.0	+18.7	100.1	65
	Sirajganj	102	8	8	18	02	97	02	9	095	81	8	7	6	0	0	80	77	+1	+1	80.8	+34.2	105.6	64
	Bogra	000	0	8	36	03	96	03	2	107	82	8	7	4	x	x	79	74	0	−1	71.9	+20.1	100.9	69
	Dinajpur	304	3	8	00	00	94	61	1	098	74	8	9	4	0	0	73	72	−1	−3	49.4	−8.3	66.8	72
	Rangpur	233	9	8	00	00	95	63	9	xxx	72	8	0	4	2	x	72	71	−1	−4	70.5	+6.4	90.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	03	0	092	81	1	0	9	3	0	70	73	+1	+8	21.8	+7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	091	78	0	0	9	0	0	72	74	−4	+8	52.6	+29.0	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	092	79	0	0	9	0	0	70	73	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	2	02	02	98	00	0	095	74	1	0	9	3	3	65	67	0	+7	38.8	+15.1	51.8	36
	Khushab	000	0	0	00	00	99	00	0	048	79	0	0	9	0	0	72	73	−1	+6	16.2	+5.9	21.7	15
Multan	Lyallpur	000	0	0	13	02	96	00	0	085	77	0	0	9	0	0	66	76	−1	+11	14.5	+5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	082	75	0	0	9	0	0	65	73	0	+6	6.1	−1.5	8.4	10
	Multan	000	0	0	13	03	97	02	0	072	79	0	0	9	0	0	61	76	+3	+9	5.9	+1.0	8.0	7
Bahawalpur	Leiah	000	0	0	13	03	98	04	0	072	79	0	0	9	0	0	64	75	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	20	02	96	02	0	071	81	0	0	9	0	0	65	74	+6	+7	0.5	−4.3	1.3	6
	Bahawalpur	000	0	0	18	02	97	00	0	077	84	0	0	9	0	0	59	72	+5	+7	5.5	+1.4	6.5	6
	Fort Abbas	000	0	0	11	02	98	09	0	089	89	0	0	9	0	9	53	67	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	129	67	0	0	9	0	0	58	62	—	—	11.0	—	26.5	—
	Peshawar	000	0	1	00	00	96	05	0	095	74	1	5	6	0	0	69	71	−1	+8	9.7	+5.2	23.5	14
	Haripur	000	3	5	23	02	97	03	0	077	70	5	0	9	7	0	62	67	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	09	02	98	00	0	120	73	0	0	9	0	0	64	69	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	076	77	0	0	9	0	0	68	72	—	—	12.4	—	19.3	11
	D. I. Khan	000	0	0	05	02	98	00	0	071	60	0	0	9	0	0	68	72	+2	+7	10.5	+5.0	14.3	10
Quetta	Sibi	000	0	0	00	00	59	00	0	076	80	0	0	9	0	0	56	77	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	07	02	99	02	0	103	78	0	0	9	0	0	38	76	—	—	0	—	1.1	3
	Turbat	000	0	0	09	02	95	00	0	079	83	0	0	9	0	0	78	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	2	27	05	96	03	0	087	81	2	6	4	0	0	79	80	—	—	0.3	—	5.9	4
	Pasni	000	0	0	29	03	97	00	0	080	78	0	0	9	0	0	75	74	+8	+5	0.6	−0.3	3.2	6
	Ormara	000	0	5	27	07	98	02	1	075	80	5	4	6	0	0	79	79	—	—	1.7	+0.9	4.2	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)																		+10					8
	Karachi (Air Port)	000	0	0	00	00	97	02	0	080	77	0	0	9	0	0	69	71	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	078	80	0	0	9	0	0	77	77	+8	+7	11.2	+4.0	11.2	9
	Nagarparker	000	0	0	00	00	98	00	0	981	86	0	0	9	0	0	69	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	00	00	98	00	0	076	81	0	0	9	0	0	71	71	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	00	00	97	02	0	077	81	0	0	9	0	0	67	77	+2	+4	14.6	+8.6	15.3	7
Khairpur	Pad-i-dan	000	0	0	18	02	97	02	0	072	81	0	0	9	0	0	63	71	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	00	00	97	02	0	078	82	0	0	9	0	0	68	72	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	16	02	96	00	0	072	80	0	0	9	0	0	68	77	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	xx	xx	99	00	0	075	84	0	0	9	0	0	69	73	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	09	02	97	02	0	075	81	0	0	9	0	0	67	75	+4	+7	3.8	+5.10	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	0	6	20	02	96	02	1	506	59	6	1	4	0	0	56	55	+1	+3	52.5	+16.0	77.7	59
Peshawar	Drosh	000	0	0	13	03	96	02	0	510	64	0	0	9	0	0	45	63	+17	+7	1.5	—	30.7	18
	Cherat	000	0	0	18	02	98	00	0	496	67	0	0	9	0	0	64	64	0	+3	20.9	+8.7	30.9	29
	Kakul	000	3	3	00	00	96	03	0	505	70	3	5	7	0	0	51	62	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	00	00	98	00	0	491	69	0	0	9	0	0	63	xx	—	—	3.8	—	26.9	—
D.I. Khan	Parachinar	000	0	0	00	00	99	00	0	803	60	0	0	9	0	0	51	xx	—	—	14.1	—	28.0	29
	Miranshah	000	0	0	00	00	99	00	0	488	71	0	0	9	0	0	67	65	—	—	4.0	−0.8	7.0	11
	Wana																		—					—
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	506	70	0	0	9	0	0	48	62	+7	+5	7.2	+2.2	15.9	11
	Hindubagh	000	0	0	27	02	98	00	0	500	63	0	0	9	0	0	38	62	—	—	4.6	—	12.6	—
	Loralai	000	0	0	31	07	97	00	0	370	65	0	0	9	0	0	33	59	—	—	7.1	—	13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+0.9	12.7	14
	Quetta	000	0	0	00	00	94	00	0	492	65	0	0	9	0	0	41	49	+8	+4	4.7	+3.6	10.2	8
	Chaman	000	0	0	09	02	97	00	0	508	72	0	0	9	0	0	28	65	+9	+12	0.1	−0.1	6.2	7
Kalat	Kalat	000	0	0	13	02	98	02	0	525	66	0	0	9	0	0	40	49	+5	+7	6.3	+5.1	11.0	9
	Nushki	000	0	0	09	05	98	02	0	572	77	0	0	9	0	0	65	75	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	02	02	97	02	0	501	71	0	0	9	0	0	40	65	+9	+14	0.2	−0.1	2.2	5
	Panjgur	000	0	0	00	00	98	00	0	510	70	0	0	9	0	0	53	65	+8	+9	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	36	02	99	00	0	575	52	0	0	9	0	0	42	46	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 10th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L₁L₂L₃	L₄L₅L₆ GG	N dd ff	VV ₋₋ W	PPP TT	N₁C₁h C₂C₃	D₁V₁a PP	8 N₂ Ch₂ h₂	O T₁T₂T₃T₄	M₁d₁PH₁
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bethshee	63 263	552 03	1 03 04	98 02 0	130 88	11 5 00	25 20 8		0 02 81	1 03 20
Bethshee	63 264	566 06	1 17 04	98 02 0	145 88	12 5 00	25 21 5		0 51 79	1 17 x0
Alvelos	63 191	589 06	2 12 04	98 02 0	110 81	12 5 60	55 21 4		0 51 79	1 12 x1
World Health	63 072	758 36	7 27 08	99 02 2	173 81	45 7 2x	85 40 0		0 51 75	1 27 x1
Bethshee	63 256	572 12	0 00 00	98 02 0	115 86	20 9 00	35 61 6		0 52 77	1 00 x0
World Health	63 076	744 12	6 29 08	98 02 2	148 82	40 5 35	45 40 2		0 52 73	1 29 x1
World Health	63 078	737 15	3 29 06	98 01 2	161 82	22 5 05	85 11 3		0 51 75	1 09 x1
Bethshee	63 251	577 15	0 00 00	98 02 0	115 84	00 9 00	35 40 0		0 54 77	1 00 x0
Dumra	63 248	658 18	0 20 05	99 02 0	088 84	00 9 00	45 11 0		0 02 75	1 28 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTeTd	1000 mb HHHTTT TdTeTd	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	008 270 250	076 222 205	—	530 162 148	—	204 708 048	479 002 518	898 575 999	603 168 999	970 815	—	—	—
Hyami														
Karachi	00 00	005 232 192	065 252 168	—	460 242 102	—	152 122 532	418 042 999	865 520 999	463 062 999	976 765	258 942	436 078	—
Lahore	00 00	Misda	—	—	—	—	—	—	—	—	—	—	—	—
Multan														
Peshawar														
Quetta	00 00	066 228 205	—	—	400 205 155	—	121 115 522	389 015 622	833 585 999	527 690 999	—	—		

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	930 152 172	800 135 125	542 542 568	—	—	—	—	—	—	542 542 568	—	—
Hyami													
Karachi	00 00	965 295 235	900 282 102	800 192 045	—	—	—	—	—	—	800 192 045	—	—
Lahore	00 00	Misda	—	—	—	—	—	—	—	—	—	—	—
Multan													
Peshawar													
Quetta	00 00	980 232 168	800 162 115	350 742 999	—	—	—	—	—	—	350 742 999	—	—

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

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

UPPER WIND DATA*

	At 1200 hrs. G.M.T. of Previous day (dd ff)									A 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	3
Bagra	20 03	20 07	21 11	22 18	25 18	31 11	31 13	30 09	30 06	23 12	23 13	23 12	23 12	—	—	36 11	35 18	31 15	27 13	28 18	28 23	—	—	—	—	—
Chakisla										—	—	—	—	—	—	—	11 04	12 05	23 02	28 06	28 07	—	—	—	—	—
Chhor	36 08	36 10	01 06	05 04	03 09	04 08	07 17	06 16	05 20	20 18	27 03	18 09	09 03	03 06	01 08	—	—	—	—	—	—	—	—	—	—	—
Chittagong	25 07	25 09	36 15	26 15	26 15	—	—	—		No	Ascent					No	Ascent									
Cox's Bazar	25 12	25 17	25 23							20 07	23 07	24 07	27 11	28 10	27 07	20 05	26 09	27 10	28 09	31 10	30 09	—	—	—	—	—
Dacca	24 13	25 15	25 15	24 10	24 16	25 15	24 15	25 09	32 10	23 18	23 19	35 17	25 16	25 14	—	22 12	23 17	23 17	24 16	24 18	—	—	—	—	—	—
Dalbandin	—	—	05 06	06 05	07 04	36 01	34 05	13 04	33 04	—	—	08 07	01 09	36 15	32 08	—	—	07 06	36 06	01 16	04 19	04 09	17 03	34 07	33 15	32 18
D. I. Khan	—	—	—							—	—	—				—	—	—	—							
Drosh	—	—	—	—	22 10	21 13	20 17	25 24	26 29	—	—	—	23 01	22 09	25 06	—	—	—	—	25 01	05 06	01 10	05 05	24 03		—
Fort Sandeman				20 02	23 04	27 04	20 09	30 10	30 25		—		22 04	30 09	28 11		—		29 02	28 03	35 08	26 07	27 12	26 31	26 32	29 34
Jacobabad	23 06	25 04	31 04	01 04	35 02	36 08	01 07	05 17	01 14	21 17	21 15	21 13	23 06	21 03	35 17	19 08	21 08	21 05	24 07	36 08	14 05	14 03	33 12	32 12	31 13	—
Jacobabad	20 19									22 14						24 17	24 16	25 15								
Jiaccore	14 02	29 02	32 08	32 09	33 10	30 11	29 13	30 19	30 21	11 08	19 10	22 06	27 09	31 12	31 11	12 03	13 04	15 05	26 09	28 12	31 11	—	—	—	—	—
Jhelum	25 14	25 12	27 08	30 06	06 08	06 18	03 17	04 15	07 13	29 19	31 24	31 19	33 11	01 09	05 16	29 13	35 10	01 12	03 13	05 12	06 14	—	—	—	—	—
Kaisai	16 08	15 09	12 07	05 08	01 11	02 21	05 15	07 21	05 19	30 16	30 16	30 11	30 04	36 11	03 30	28 05	28 11	27 11	28 05	35 06	33 04	—	—	—	—	—
Karachi	25 06	25 06	25 05	32 05	29 03	02 12	02 12	06 14	03 17	22 12	19 14	21 14	23 16	22 18	23 12	21 07	23 12	24 13	29 10	34 06	12 06	—	—	—	—	—
Khanpur	33 07	33 05	30 04	30 19	32 17	36 15	35 14	33 22	32 34	18 08	20 09	22 08	31 06	33 09	34 13	22 01	24 05	29 07	30 08	32 11	32 15	—	—	—	—	—
Lahore	18 04	18 04	22 03	33 02	03 05	33 04	34 10	32 17	28 15	20 22	20 21	20 21	24 20	28 11	20 06	21 07	21 12	21 15	22 10	21 08	33 03	34 16	34 14	35 13	—	—
Multan																										
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	32 10	32 11	36 10	29 06	29 10	—	—	—	—	35 06	30 20	—	—	—	—	32 17	31 10	31 07	24 15	26 18	29 23	30 30
Quetta	—	—	—	—						—	—	—	—			—	—	—	—							
Sha'jah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	25 06	25 09	26 12	25 14	—	—	—	—	—	No	Ascent	—	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	—
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Chittagong																		
Dacca	21 19	22 19	22 17	26 13	24 12	26 10	25 08	24 08	24 11	24 07	18 06	14 08	07 13	92 12	31 14	29 23	28 19	—
Karachi	26 11	26 08	30 07	30 12	32 19	02 23	03 32	07 25	07 27	07 31	04 20	04 15	01 17					
Peshawar	Misda	—		—		—	—	—	—	—	—	—	—	—	—	—	—	
Quetta																		

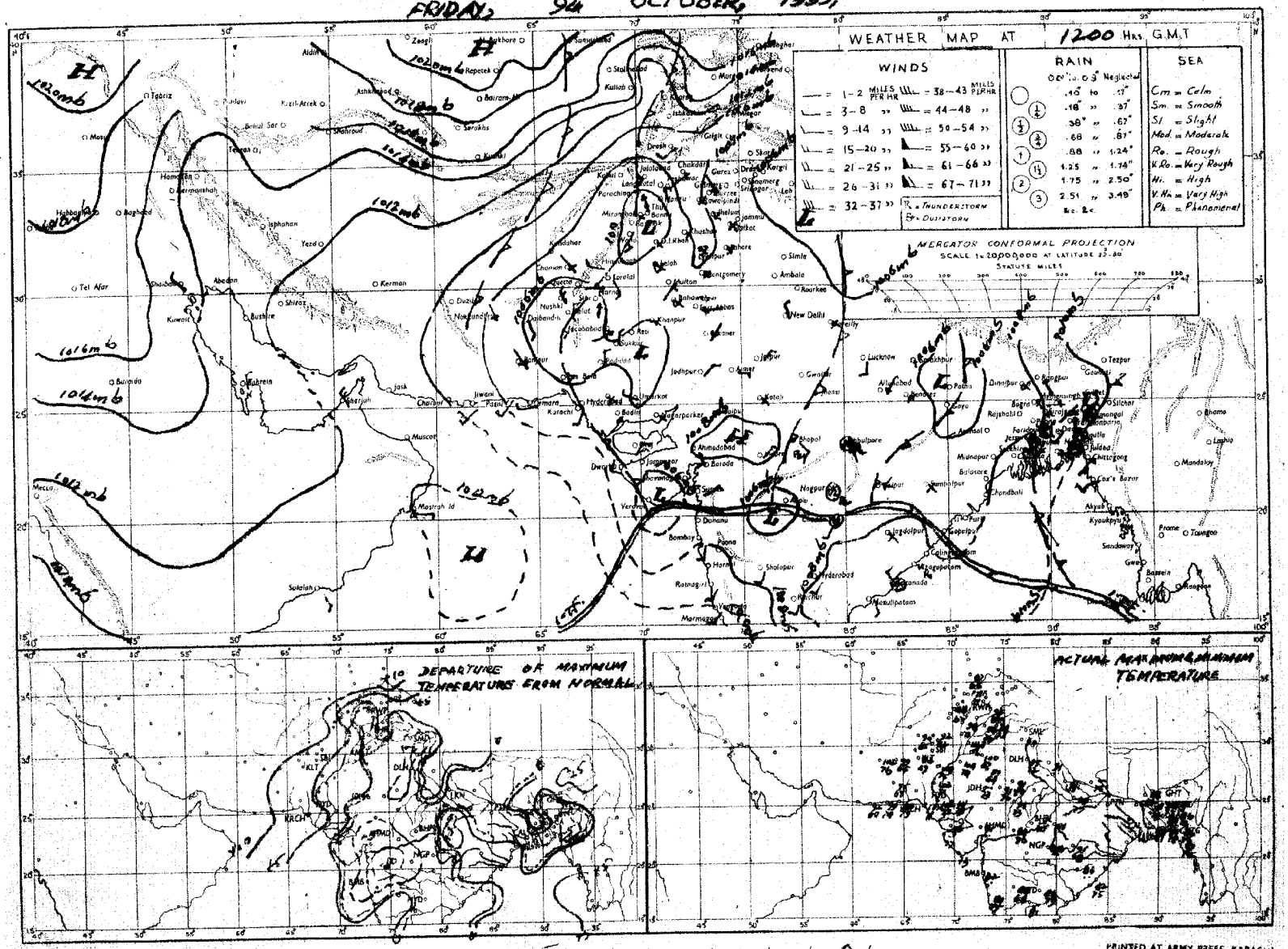
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 9th OCTOBER, 1959.



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

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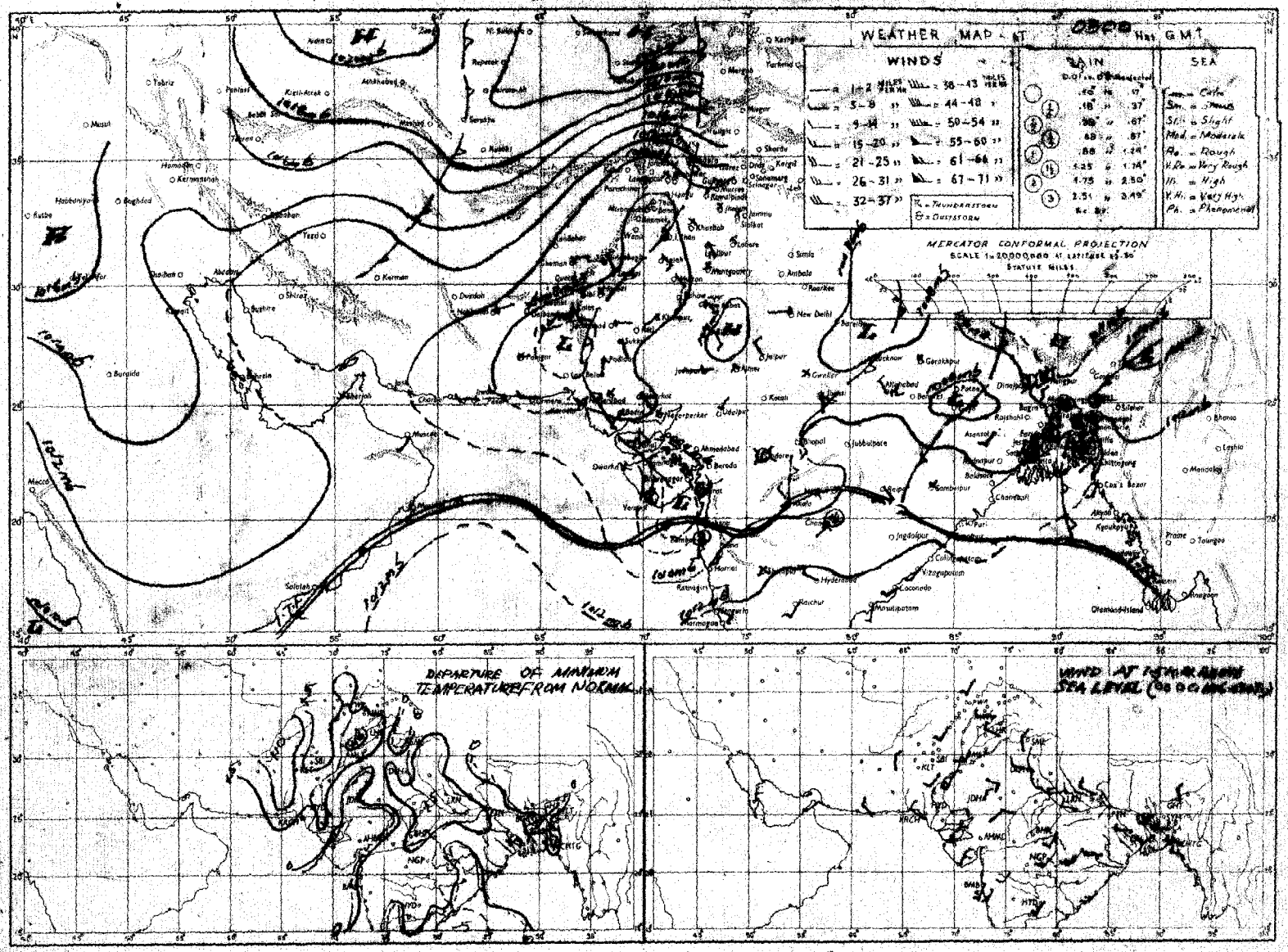
PAKISTAN DAILY WEATHER MAP



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. 13

SUNDAY THE 11th OCTOBER, 1959.

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

Yesterday's well marked low over Kathiawar konkan coast concentrated into a depression last evening and is centred at 11,0300 G.M.T. within half a degree latitude 205°N longitude 715°E. It is likely to move northeastwards cross coast near surat this evening and weaken.

The low pressure wave over Peshawar division is now moving across Rawalpindi division.

Weather remained dry in West Pakistan.

A westrly low pressure wave is approaching west Bengal.

Rain/thundershowers have been widespread in Chittagong and Dacca divisions and local in Rajshahi division. Locally moderate to heavy rainfall has been reported from Dacca and Chittagong divisions.

Chief amounts of rainfall are:- Mymensingh and Sylhet 4" each; Comilla (upto 0000 G.M.T.) and Narayanganj 3" each, Jessore 1½", Faridpur (upto 0000 G.M.T.) Cox's Bazar, Satkhira and Chittagong 1" each, Sirajganj and Bogra ½" each and Maijdee Court (upto 0000 G.M.T.) Srimangal, Barisal and Rangpur 1/4" each.

Day temperatures were:- 3—7°F below normal in East Pakistan and were 3—6°F above normal in west Pakistan outside Peshawar, Rawalpindi and Lahore divisions.

Forecast valid until the evening of 12th October, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and scattered thundershowers in Peshawar, Rawalpindi, Lahore and D. I. Khan divisions and Kashmir.

Karach-11
The 11th October, 1959.

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

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	009	8	4	20	02	95	01	6	078	79	3	2	7	0	4	74	83
	Chittagong	008	8	7	18	02	97	60	9	075	79	6	3	4	1	0	75	82
	Maijdee Court	020	7	9	00	00	xx	03	6	073	82	x	x	9	x	x	78	84
	Comilla	322	4	8	00	00	56	60	9	071	77	8	4	5	8	8	77	82
	Brahmanbaria	105	7	8	00	00	96	03	9	070	75	6	7	5	2	1	73	80
	Sylhet	184	9	8	00	02	xx	57	6	064	74	6	7	4	2	1	73	74
	Srimangal	016	7	8	00	00	94	95	9	061	74	8	3	3	1	1	73	83
Dacca	Mymensingh	053	7	7	13	02	96	02	6	066	75	7	4	5	0	0	73	81
	Narayanganj	270	6	8	13	03	xx	43	6	064	75	1	0	9	2	8	74	83
	Dacca (Tejgaon)	050	5	8	13	02	96	95	9	062	74	7	9	9	2	1	74	85
	Faridpur	083	5	8	00	00	95	97	9	082	75	8	9	5	1	1	74	86
	Barisal	000	7	6	00	00	96	03	2	069	80	0	6	6	0	0	76	85
Rajshahi	Khulna	000	0	8	00	00	95	03	2	063	80	8	5	6	0	0	76	85
	Satkhira	000	0	8	00	00	95	03	2	062	84	x	x	x	x	x	78	89
	Jessore	000	0	6	18	03	96	03	2	085	82	8	4	5	x	x	79	89
	Sirajganj	047	8	8	18	03	95	02	9	057	77	8	7	6	0	0	74	83
	Bogra	000	8	7	13	02	96	02	6	057	78	2	5	5	2	0	74	82
	Dinajpur	000	8	7	00	00	xx	02	2	049	78	3	5	6	2	1	77	79
	Rangpur	024	8	6	18	02	96	01	6	xxx	79	4	4	6	2	0	74	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	032	93	0	0	9	0	0	67	95
	Sialkot	000	0	0	00	00	97	00	0	027	87	0	0	9	0	0	72	91
Rawalpindi	Jhelum	000	0	0	18	00	97	02	0	027	89	0	0	9	0	0	73	93
	Rawalpindi	000	0	0	23	02	98	00	0	089	88	0	0	9	0	0	73	89
	Khushab	000	0	0	00	00	99	00	0	026	92	0	0	9	0	0	68	95
Multan	Lyallpur	000	0	0	18	03	96	00	0	062	95	0	0	9	0	0	59	97
	Montgomery	000	0	0	00	00	96	00	0	027	97	0	0	9	0	0	61	00
	Multan	000	0	0	00	00	98	02	0	019	98	0	0	9	0	0	56	00
Bahawalpur	Leiah	000	0	0	00	00	96	05	0	072	95	0	0	9	0	0	63	95
	Khanpur	000	0	0	25	02	96	02	0	016	00	0	0	9	0	0	65	03
	Bahawalpur	000	0	0	34	02	97	00	0	099	03	0	0	9	0	0	61	3
	Fort Abbas	000	0	0	11	02	98	00	0	022	94	0	0	9	0	0	57	02
Peshawar	Chakdara	000	0	0	00	00	99	00	0	009	86	0	0	9	0	0	56	87
	Peshawar	000	0	1	00	00	96	05	0	027	87	1	9	6	8	0	71	89
	Kohat	000	0	0	09	02	97	00	0	009	87	0	0	9	0	0	71	91
	Campbellpur	000	0	0	0.	00	99	00	0	006	87	0	0	9	0	0	74	91
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	009	90	0	0	9	0	0	61	93
	D. I. Khan	000	0	0	00	00	98	00	0	011	95	0	0	9	0	0	75	00
Quetta	Sibi	000	0	0	13	02	99	00	0	012	07	0	0	9	0	0	40	08
	Nokkundi	000	0	0	34	02	99	00	0	038	96	0	0	9	0	0	24	01
	Turbat	000	0	0	09	02	95	00	0	031	08	0	0	9	0	0	62	11
	Jiwani	000	0	0	27	17	97	02	0	094	87	0	0	9	0	0	79	91
	Pasni	000	0	0	23	21	97	00	0	027	87	0	0	9	0	0	79	95
	Ormara	000	0	0	27	10	96	00	0	027	85	0	0	9	0	0	79	87
	Las Bela	000	0	0	xx	xx	98	00	0	027	03	0	0	9	0	0	71	07
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	055	88	0	0	9	0	0	83	90
	Karachi (Air Port)	000	0	0	23	09	97	02	0	038	86	0	0	9	0	0	76	95
	Badin	000	0	0	23	02	97	00	0	052	96	0	0	9	0	0	64	03
	Nagarparker	000	0	0	00	00	98	00	0	062	95	0	0	9	0	0	69	96
	Umarkot	000	0	3	01	03	98	00	0	020	01	0	0	9	0	0	61	02
	Hyderabad	000	0	0	00	00	97	02	0	032	98	0	0	9	0	0	59	04
Khairpur	Pad-i-dan	000	0	0	18	03	97	02	0	025	01	0	0	9	0	0	51	04
	Nawabshah	000	0	0	23	02	97	02	0	035	98	0	0	9	0	0	71	03
	Sakkar	000	0	0	29	03	96	00	0	023	98	0	0	9	0	0	70	03
	Kashmore	000	0	0	xx	xx	99	00	0	021	96	0	0	9	0	0	55	02
	Jacobabad	000	0	0	18	05	97	00	0	023	00	0	0	9	0	0	63	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Miagar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	7	29	02	96	02	1	466	62	7	3	3	0	0	59	67
D.I. Khan	Drosh	000	0	0	23	12	98	02	0	431	83	0	0	9	0	0	71	95
	Chitral	000	0	0	18	03	97	05	0	504	76	0	0	9	0	0	69	81
	Kakul	000	0	2	18	03	96	05	1	467	75	0	0	9	1	0	61	85
	Landi Kotal	000	0	1	16	03	98	00	2	460	81	0	0	9	0	0	66	85
	Parachinar	000	0	3	13	02	99	00	0	798	74	1	0	9	2	0	71	xx
	Miranshah	000	0	0	05	02	99	00	0	453	85	0	0	9	0	0	74	87
	Wana	000	0	0	00	00	98	00	0	455	83	0	0	9	0	0	49	87
Kalat Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	458	83	0	0	9	0	0	60	91
	Hindubagh	000	0	0	29	06	98	00	0	435	83	4	3	7	8	2	53	82
	Loralai	000	0	0	31	03	98	00	0	418	84	0	0	9	0	0	50	91
	Marwat	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	23	02	95	00	0	455	81	0	0	9	0	0	33	84
	Chaman	000	0	0	27	02	97	00	0	480	86	0	0	9	0	0	70	90
	Kalat	000	0	0	34	07	98	02	0	456	73	0	0	9	0	0	46	79
Afghanistan	Nushki	000	0	0	00	00	98	02	0	583	95	0	0	9	0	0	54	98
	Dalbandin	000	0	0	11	05	98	02	0	487	96	0	0	9	0	0	52	98
	Panjgur	000	0	0	36	05	98	00	0	495	91	0	0	9	0	0	39	92
	Kabul	000	0	0	14	02	99	00	0	480	74	0	0	9	0	0	57	86

Stations	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)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	096	9	5	16	03	97	07	6	086	81	3	3	6	7	4	75	74	— 4	0	118.8	+ 6.3	134.6	140
Chittagong	092	9	6	13	05	97	02	6	084	81	6	4	5	0	0	77	75	— 5	+ 1	95.9	+15.5	127.9	108
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					115
Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					94
Brahmanbaria	391	8	8	00	00	94	63	6	081	73	7	7	3	2	x	73	xx	—	—				76
Sylhet	020	9	7	18	03	96	17	9	082	80	4	3	4	3	2	74	73	— 8	+ 2	146.5	—	184.5	—
Srimangal																				68.2	+ 6.4	80.3	98
Mymensingh	347	0	6	27	02	96	02	1	079	78	6	4	5	0	0	74	73	— 7	— 2	87.1	+21.4	109.2	91
Narayanganj	269	9	8	00	00	96	03	2	075	77	8	7	4	x	x	75	72	— 6	— 4	70.0	+19.5	95.2	74
Dacca (Tejgaon)	074	9	7	00	00	97	02	9	074	78	3	5	4	5	0	75	74	—	—	74.9	—	90.3	—
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					71
Barisal	02	8	4	27	01	97	01	6	080	79	0	0	7	8	0	75	73	— 3	— 2	68.3	+ 9.4	80.3	61
Khulna	028	0	8	00	00	95	03	2	080	78	x	x	7	x	x	75	73	— 3		60.3	+12.3	78.4	68
Satkhira	140	9	8	00	00	97	02	6	077	78	5	8	6	4	x	77	75	— 0	—	65.4	+20.0	101.5	65
Jessore	067	9	8	00	00	97	02	2	070	79	8	0	9	6	0	79	75	— 1	— 1	91.4	—	106.3	64
Sirajganj	047	9	7	27	02	96	02	2	071	81	6	5	5	1	0	75	76	— 6	—	72.3	+20.3	101.4	69
Bogra	000	0	7	00	00	96	02	0	066	82	6	4	7	5	x	75	73	— 7	+ 2	49.4	— 8.5	66.8	72
Dinajpur	024	0	5	18	02	96	01	2	xxx	81	4	5	6	2	0	75	72	— 10	— 1	70.8	+ 6.5	90.7	84
Rangpur																		— 8	— 1				
Jammu																							—
Lahore (Jail Rd.)	000	0	0	13	03	96	02	0	057	81	0	0	9	0	0	70	73	— 0	+ 13	21.8	+ 7.2	25.6	19
Sialkot	000	0	0	00	00	97	00	0	056	80	0	0	9	0	0	73	75	— 3	+ 11	52.6	+20.9	58.4	32
Jhelum	000	0	0	05	02	96	02	0	056	77	0	0	9	0	0	72	72	—	—	39.0	—	49.3	—
Rawalpindi	000	0	1	27	02	99	01	1	072	73	0	0	9	0	0	67	68	— 2	+ 10	38.8	+15.0	51.8	36
Khushab	000	0	0	05	02	99	00	0	062	79	0	0	9	0	0	69	73	— 2	+ 8	16.2	+ 5.9	31.7	15
Lyallpur	000	0	0	09	02	96	00	0	045	75	0	0	9	0	0	60	78	+ 2	+ 15	14.5	+ 5.2	12.3	12
Montgomery	000	0	0	00	00	96	00	0	041	76	0	0	9	0	0	57	72	+ 1	+ 7	6.1	— 1.5	8.4	10
Multan	000	0	0	13	02	98	02	0	033	76	0	0	9	0	0	63	73	+ 3	+ 9	5.9	+ 1.0	8.0	7
Leiah	000	0	0	13	02	98	00	0	106	77	0	0	9	0	0	63	72	—	—	5.0	—	6.9	8
Khanpur	000	0	0	23	05	96	02	0	044	78	0	0	9	0	0	61	72	+ 5	—	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	20	05	97	00	0	044	82	0	0	9	0	0	57	73	+ 6	—	5.5	+ 1.3	6.5	6
Fort Abbas	000	0	0	13	03	98	00	0	061	81	0	0	9	0	0	58	67	—	—	0.9	—	9.2	4
Chakdara	000	0	4	00	00	98	03	0	056	69	4	2	7	0	0	63	65	—	—	1.1	—	26.5	—
Peshawar	000	0	1	00	00	96	05	0	066	74	1	5	6	0	0	71	71	— 2	+ 10	9.7	+ 5.2	23.5	14
Kohat	000	3	3	09	02	97	01	2	904	77	3	0	9	7	0	72	68	—	—	21.1	—	32.0	—
Campbellpur	000	0	0	39	02	98	00	0	179	75	0	0	9	0	0	67	70	—	—	22.0	—	35.9	—
Bannu	000	0	0	00	00	99	00	0	036	75	0	0	9	0	0	67	71	—	—	12.4	—	19.3	11
D. I. Khan	000	0	0	05	02	98	00	0	038	79	0	0	9	0	0	67	72	+ 4	+ 9	10.5	+ 5.0	14.3	10
Sibi	000	0	0	00	00	99	00	0	050	74	0	0	9	0	0	55	72	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	34	02	99	02	0	084	77	0	0	9	0	0	22	75	—	—	0	—	1.1	2
Turbat	000	0	0	09	02	99	05	0	006	82	0	0	9	0	0	66	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	0	09	02	96	05	0	053	79	0	0	9	0	0	78	77	—	—	0.3	—	5.9	4
Pasni	000	0	0	05	01	97	00	0	054	77	0	0	9	0	0	76	75	+ 4	+ 9	0.6	— 0.3	3.2	6
Ormara	000	0	7	13	03	98	02	0	059	79	7	4	5	0	0	77	77	—	—	1.7	+ 0.9	4.2	6
Las Bela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					
Karachi (Air Port)	000	0	0	00	00	97	01	0	057	76	0	0	9	0	0	75	74	—	—	22.6	—	22.9	—
Badin	000	0	0	23	02	96	00	0	045	81	0	0	9	0	0	77	80	+ 7	—	11.2	+ 4.0	11.2	9
Nagarparker	000	0	0	31	02	98	00	0	986	86	0	0	9	0	0	69	80	—	—	30.5	—	30.5	—
Umarkot	000	0	0	18	05	98	00	0	051	80	0	0	9	0	0	74	74	—	—	18.8	—	19.5	—
Hyderabad	000	0	0	00	00	96	05	0	049	77	0	0	9	0	0	71	75	+ 4	+ 3	14.6	+ 8.6	15.3	7
Pad-i-dan	000	0	0	13	05	97	02	0	046	80	0	0	9	0	0	61	70	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	18	02	96	02	0	053	78	0	0	9	0	0	65	70	—	—	6.4	—	7.1	—
Sakkar	000	0	0	16	02	96	00	0	043	79	0	0	9	0	0	65	76	—	—	3.5	—	4.6	4
Kashmore	000	0	0	xx	xx	99	00	0	046	83	0	0	9	0	0	62	71	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	11	02	97	02	0	044	80	0	0	9	0	0	67	73	+ 3	+ 7	3.8	+1.5	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Miagar																							5
Aliabad																							25
Gilgit																							71
Murree	000	9	2	27	02	97	01	1	484	57	0	0	9	8	0	51	53	— 1	+ 3	52.5	+16.0	77.7	59
Drosh	000	0	0	00	00	98	02	2	479	63	0	0	9	0	0	53	63	+ 15	+ 9	1.5	—	30.7	18
Chitral	000	0	0	18	03	96	00	0	489	67	0	0	9	0	0	63	65	— 8	+ 6	20.9	+ 8.7	30.9	20
Kakul	000	0	1	00	00	96	01	0	478	68	1	1	7	0	0	56	62	—	—	49.9	—	54.9	—
Landi Kotal	000	0	1	00	00	98	03	0	463	72	1	1	7	0	0	65	xx	—	—	3.8	—	26.9	—
Parachinar	000	0	0	00	00	99	00	0	860	59	0	0	9	0	0	51	xx	—	—	14.1	—	28.0	29
Miranshah	000	0	0	00	00	98	00	0	457	70	0	0	9	0	0	64	66	—	—	4.0	— 0.8	7.0	13
Wana	000	0	0	00	00	97	02	0	472	64	0	0	9	0	0	43	55	—	—	—	—	—	—
Fort Sandeman	000	0	0	00	00	97	02	0	476	69	0	0	9	0	0	43	62	+ 6	+ 9	7.2	+ 2.1	15.9	11
Hindubagh	000	0	0	27	01	98	00	0	453	62	0	0	9	0	0	39	61	—	—	4.6	—	12.6	—
Loralai	000	0	0	31	05	98	00	0	406	62	0	0	9	0	0	23	55	—	—	7.1	—	13.0	—
Marwat	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.9	+ 0.9	12.7	14
Quetta	000	0	0	00	00	94	00	0	487	68	0	0	9	0	0	28	52	+ 9	+ 8	4.7	+ 3.6	10.2	8
Chaman	000	0	0	18	01	97	00	0	453	68	0	0	9	0	0	18	60	+ 8	+ 7	0.1	— 0.1	6.2	7
Kalat	000	0	0	18	05	98	02	0	500	59	0	0	9	0	0	39	42	+ 2	+ 1	6.3	+ 5.1	11.0	9
Nushki	000	0	0	09	02	98	02	0	572	75	0	0	9	0	0	61	69	—	—	1.1	—	2.9	—
Dalbandin	000	0	0	05	02	98	02	0	472	62	0	0	9	0	0	40	55	+ 8	+ 4	0.2	— 0.1	2.2	5
Panjgur	000	0	0	32	02	99	00	0	493	70	0	0	9	0	0	35	62	+ 5	+ 8	2.5	—	4.1	4
Kabul	000	0	0						553	51	0	0	9	0	0	38	41	—	—	—	—	—	12

Given in Code.

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

oo 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 0000 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

SUNRDAY THE 11th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_mC_H$	D.V. a PP	8 N, Ch, h,	O T, T, T_d T_d	Id..d..PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	73 224	685 00	2 02 06	98 01 1	064 79	25 5 00	76 31 8	...	0 34 77	1 02 x0
World Health	73 083	708 03	2 30 06	99 02 0	174 81	12 7 01	65 21 9	...	0 53 73	1 30 x1
Dachsabee	73 221	597 03	1 23 08	98 03 0	104 82	10 9 08	35 30 5	...	0 06 73	1 33 21
World Health	73 084	701 06	1 30 06	99 02 0	174 82	12 7 00	65 00 9	...	0 51 73	1 30 x1
Dumra	73 250	631 06	0 25 09	98 03 0	083 79	00 9 00	65 20 5	...	0 04 75	1 25 22
Barhaabee	73 221	599 06	3 21 10	98 03 0	110 84	00 9 01	55 00 6	...	0 04 72	1 21 22
Barnes	73 232	552 06	0 31 06	98 00 0	078 82	00 9 00	75 20 6	...	0 02 79	1 00 xx
World Health	73 086	695 09	1 30 06	99 00 0	150 86	12 7 00	65 40 4	...	0.04 75	1 30 x1
Barnes	73 244	583 12	0 29 12	98 00 0	040 xx	00 9 00	75 71 3	...	0 01 77	1 29 xx
Bulimbia	73 248	634 12	0 25 05	99 02 0	040 84	00 9 00	36 77 7	83 0 01	...	1 37 21
World Health	73 087	687 12	5 27 06	98 03 0	141 84	52 5 00	65 70 9	...	0 50 75	1 27 x1
Bachsabee	73 202	589 15	2 21 10	98 02 0	090 81	20 9 08	55 30 5	...	0 02 79	1 31 22
Bachsabee	73 196	585 18	3 20 10	98 03 0	096 81	00 9 08	55 10 6	...	0 04 73	1 20 22
Bulimbia	73 248	552 18	9 35 07	98 02 0	070 85	00 9 00	36 22 9	...	0 02 81	2 27 21
Barnes	73 255	573 18	0 32 10	98 00 0	040 98	00 9 00	75 40 0	...	0 01 77	1 49 xx
Iphigenie	73 241	579 18	0 20 03	98 02 0	091 88	00 9 00	35 30 9	...	0 51 79	1 28 x1

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	005 242 232	031 238 215	...	530 175 215	...	187 080 030	442 505 532	885 568 578	598 662 685	971 795	...	...	...
Jiwani ...														
Karachi ...	00 00	002 242 232	043 242 999	...	410 2 2 999	...	105 112 999	375 050 999	833 548 999	552 655 999	966 795	247 915	...	...
Lahore ...	00 00	Misda	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	963 232 195	...	...	420 212 198	...	094 112 072	364 030 520	808 585 665	492 715 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 152 162	800 145 092	384 682 712	...	...	...	...	...	...	384 682 712	...	...
Jiwani ...													
Karachi ...	00 00		...	...	...	...	...	...	...	...	200 915 999	...	...
Lahore ...	00 00	Misda	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	927 252 238	900 222 212	800 162 142	350 760 999	329 778 999	...	...	...	...	329 778 999	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	2
Bogra ...	25 06	28 03	27 06	28 10	29 13	30 18					
Chaklala ...		09 05	14 03	34 01	30 05	25 09	30 10	30 09	29 11	30 16	31 31
Chhor ...											
Chittagong ...	22 12	21 18	22 19	24 23							
Cox's Bazar ...	No	Ascent									
Dacca ...	23 03	24 03	29 05	28 13	29 11	28 13	27 10	28 17	28 15	25 14	23 16
Dalbandin ...			08 03	32 04	32 07	31 11	33 15	35 26	33 28	32 22	29 15
D.I. Khan ...											
Drosh ...					21 04	20 07	22 07	29 04	03 10	01 09	35 28
Fort Sandeman ...				26 02	15 01	08 05	03 09	32 16	32 24	32 23	32 43
Jacobabad ...	20 10	26 05	34 07	30 04	28 05	30 12	30 13	33 18	33 18	33 18	...
Jiwani ...	25 02	28 02	27 05	29 09	29 13	28 14					
Kalat ...	14 04	14 05	14 04	27 01	29 01	30 10	33 10	32 09	30 09	31 18	30 21
Kiruna ...	08 07	08 11	07 11	07 08	05 06	07 06	05 15	14 06	18 09	07 08	
Karachi ...	20 03	22 06	31 06	35 13	04 14	04 14	03 13	03 06	05 14	05 20	
Khanpur ...	24 09	25 22	25 21	27 12	32 07	17 06	16 08	30 15	31 20	33 24	33 31
Lahore ...	14 03	18 07	17 06	25 07	28 12	29 09	27 09	32 11	31 34	31 29	31 46
Multan ...	32 05	32 08	32 07	30 04	23 11	22 13	27 12	31 10	32 26	32 33	31 31
Muscat ...											
Panjgur ...											
Peshawar ...											
Quetta ...		02 07	36 07	34 07	35 02	32 14	31 15	27 14	28 07	29 17	
Shorjah ...					31 03	33 11	32 11	32 16	31 20	31 20	27 21
Sylhet ...											
Veraval ...	No	Ascent									

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	23 06	21 05	25 06	27 13	26 16	28 07	30 12	31 17	39 13	26 10	25 17	25 11	27 15					
Karachi ...	30 04	27 03	34 03	02 12	02 23	35 22	06 15	05 15	04 23	04 28	04 21	03 11						
Peshawar ...	Misda																	
Quetta ...																		

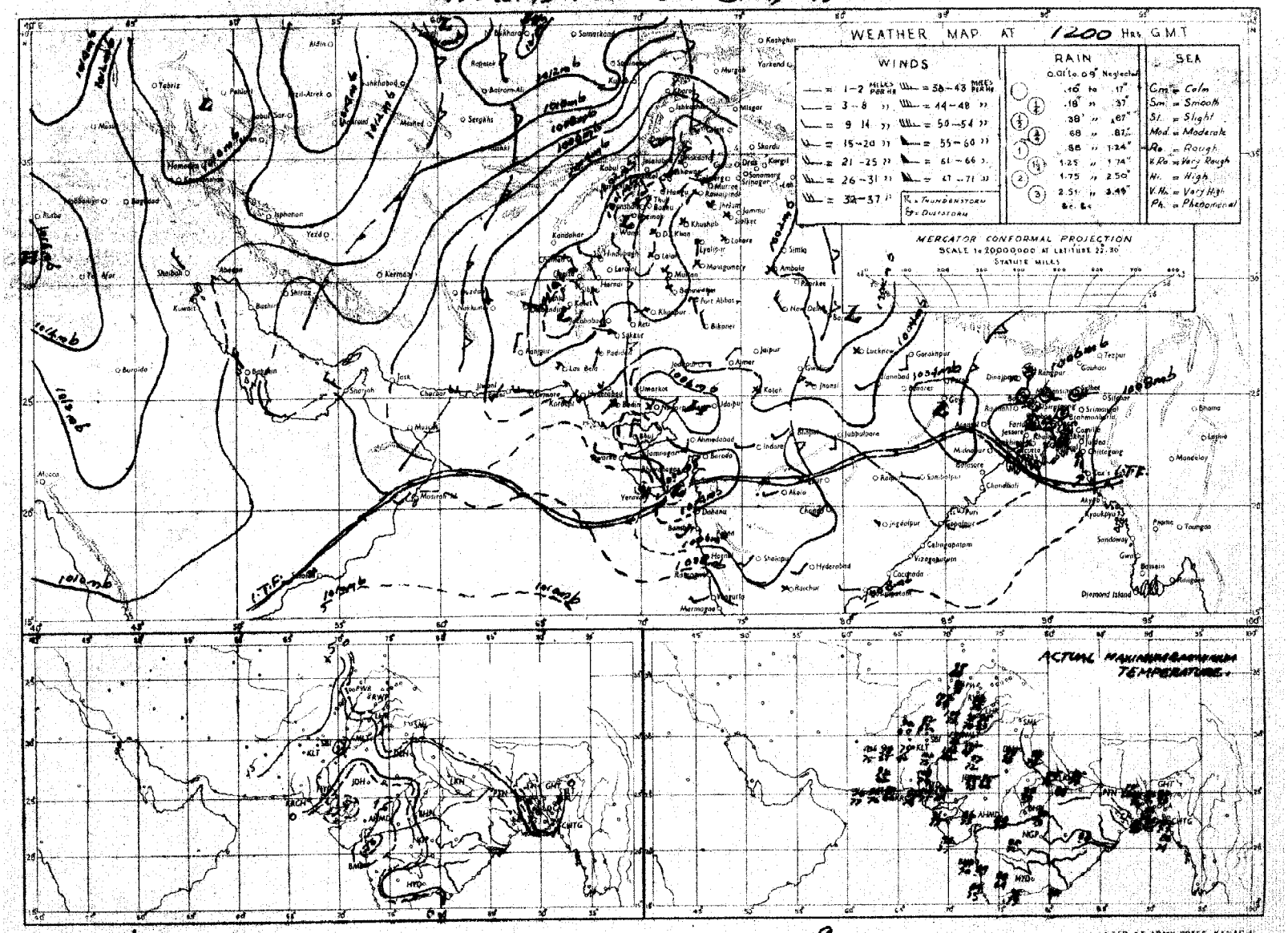
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 10th OCTOBER, 1959



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

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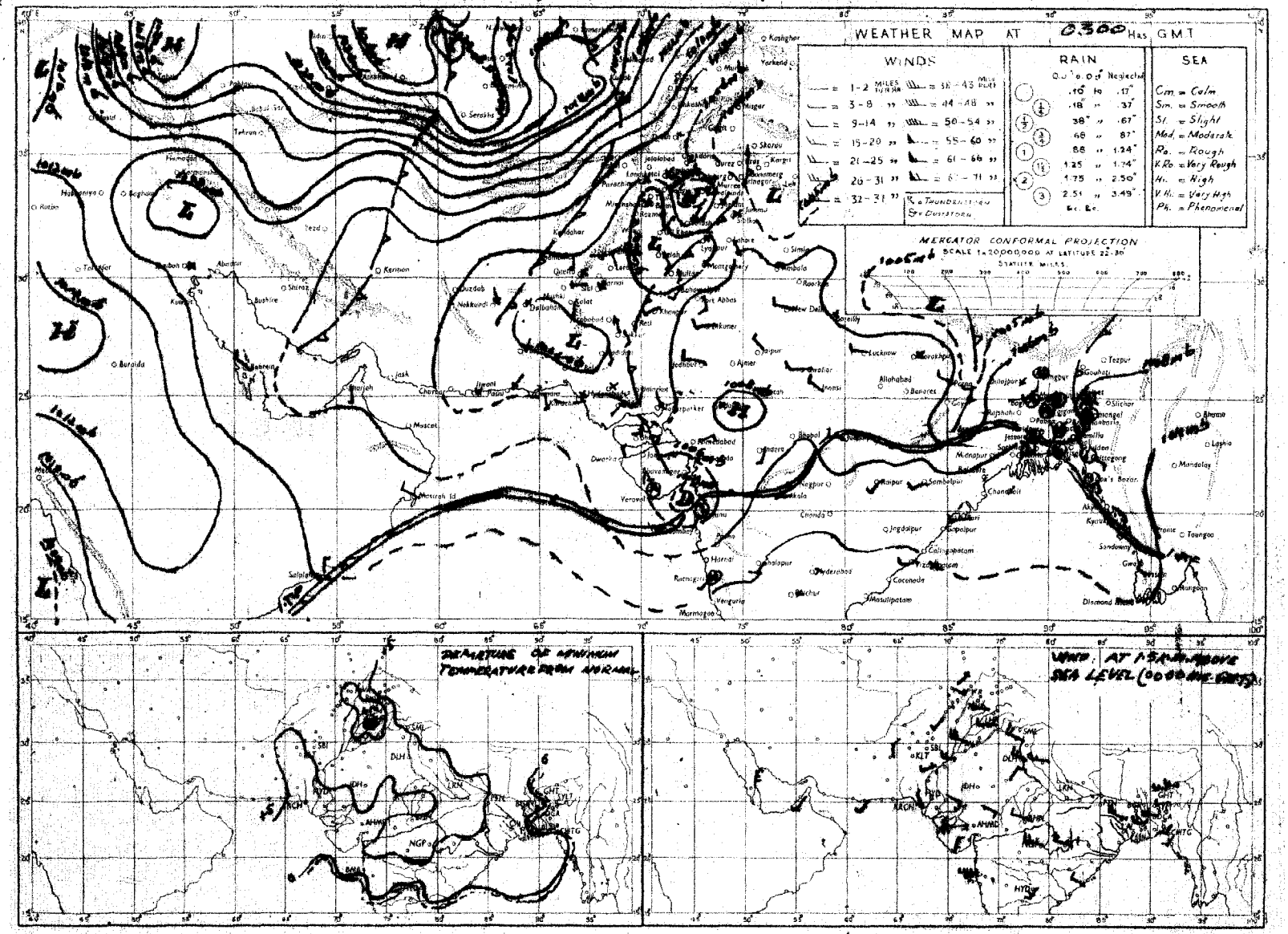
PAKISTAN DAILY WEATHER MAP

SUNDAY, 7th OCTOBER, 1955



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 12th OCTOBER, 1959.

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

Yesterday's depression moved northnortheastwards, crossed coast during night and lies at 12,0300 G.M.T. as a shallow depression over Kutch and adjoining areas. It is likely to continue move in the same direction.

The low pressure wave over Rawalpindi division moved away eastwards. It has caused scattered thunderstorms in D. I. Khan and Bahawalpur divisions.

The low pressure wave approaching West Bengal is now moving eastwards across sub-Himalyan West Bengal.

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

Chief amounts of rainfall are:- Srimangal 3"; Comilla, Sylhet and Jessore 2" each; Cox's Bazar, 1"; Chittagong and Brahmanbaria and Narayanganj ½" each and Bogra 1/4".

Day temperatures were:- 4—5°F below normal in Chittagong division and were 3—5°F above normal in West Pakistan outside Rawalpindi, Lahore and coastal Kalat divisions.

Forecast valid until the evening of 13th October, 1959. rain/thundershowers will be local in East Pakistan and scattered in Hyderabad division.

11-Karach
The 12th October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	060	8	7	20	03	95	02	3	C61	77	3	4	6	1	8	77	83
	Chittagong	030	7	7	16	02	97	02	9	056	77	6	3	5	1	0	76	82
	Maijdee Court	000	9	9	18	02	xx	00	0	034	88	0	0	9	0	0	79	80
	Comilla	000	0	5	00	00	96	02	2	043	83	5	4	6	0	0	77	85
	Brahmanbaria	030	0	4	00	00	97	03	1	043	84	2	2	5	0	9	79	86
	Sylhet	168	9	6	00	00	xx	01	6	044	76	6	5	6	0	8	74	79
	Srimangal	307	8	7	00	00	xx	92	9	047	75	7	3	3	x	x	74	87
Dacca	Mymensingh	000	0	2	00	00	97	01	1	040	83	2	2	5	0	0	76	85
	Narayanganj	000	0	2	00	00	xx	01	2	039	84	1	1	5	2	0	75	88
	Dacca (Tezgaon)	000	9	5	00	00	98	02	2	036	82	2	3	6	0	1	75	87
	Faridpur	000	6	5	16	02	96	02	2	053	84	3	6	7	1	0	75	86
	Barisal	000	6	2	00	00	96	01	0	042	85	0	0	8	8	0	77	87
Rajshahi	Khulna	000	0	5	00	00	95	01	2	047	84	5	4	7	0	0	78	87
	Satkhira	000	0	2	00	00	96	01	0	049	83	2	3	9	0	0	78	88
	Jessore	050	8	3	09	02	97	02	2	052	84	3	4	6	0	0	78	87
	Sirajganj	000	0	0	00	00	95	00	0	012	82	0	0	9	0	0	82	86
	Bogra	000	0	5	00	00	96	02	1	035	83	2	5	6	2	0	76	87
	Dinajpur	000	0	5	00	00	96	02	1	035	83	2	5	6	2	0	76	87
	Rangpur	000	0	7	18	02	96	17	1	xxx	83	4	9	5	2	0	77	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	03	97	02	0	019	91	0	0	9	0	0	71	97
	Sialkot	000	0	0	00	00	97	00	0	016	88	0	0	9	0	0	72	93
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	017	91	0	0	9	0	0	69	94
	Rawalpindi	000	0	0	27	02	98	00	0	016	86	0	0	9	0	0	69	92
	Khushab	000	0	0	00	00	99	00	0	019	91	0	0	9	0	0	65	93
Multan	Lyallpur	000	0	0	18	00	96	00	0	015	94	0	0	9	0	0	57	97
	Montgomery	000	0	0	00	00	96	00	0	006	96	0	0	9	0	0	69	98
	Multan	000	0	0	00	00	98	02	0	012	97	0	0	9	0	0	61	00
Bahawalpur	Leiah	000	0	0	31	03	98	04	0	081	92	0	0	9	0	0	63	93
	Khanpur	000	0	0	00	00	96	02	0	012	99	0	0	9	0	0	66	00
	Bahawalpur	000	0	0	23	02	97	00	0	021	98	0	0	9	0	0	72	99
	Fort Abbas	000	0	0	25	05	98	00	0	010	99	0	0	9	0	0	73	03
Peshawar	Chakdara	000	0	0	00	00	99	02	1	993	86	0	0	9	0	0	65	88
	Peshawar	000	0	1	00	00	96	05	0	020	88	1	1	6	0	0	71	92
	Haripur	000	0	0	23	02	97	00	0	003	83	0	0	9	0	0	71	90
	Campbellpur	000	0	0	13	02	98	00	0	119	92	0	0	9	0	0	63	93
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	006	90	0	0	9	0	0	60	xx
	D. I. Khan	000	0	0	00	00	98	00	0	011	95	0	0	9	0	0	69	95
Quetta	Sibi	000	0	0	13	02	99	00	0	064	06	0	0	9	0	0	44	07
Kalat	Nokkundi	000	0	0	34	02	97	02	0	038	90	0	0	9	0	0	42	93
	Turbat	000	0	0	09	02	96	00	0	024	06	0	0	9	0	0	64	09
	Jiwani	000	0	0	23	09	97	02	0	034	91	0	0	9	0	0	72	94
	Pasni	000	0	0	20	07	97	00	0	024	89	0	0	9	0	0	79	89
	Ormara	000	0	0	23	03	98	00	0	077	90	0	0	9	0	0	74	91
	Las Bela	000	0	0	00	00	98	00	0	013	02	0	0	9	0	0	30	06
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	031	86	0	0	9	0	0	81	89
	Karachi (Air Port)	000	0	0	23	05	97	02	0	025	89	0	0	9	0	0	76	94
	Badin	000	0	0	23	02	97	00	0	041	94	0	0	9	0	0	82	97
	Nagarparkar	000	0	0	21	02	98	00	0	965	94	0	0	9	0	0	68	95
	Umarkot	000	0	3	23	05	98	00	0	011	00	3	2	6	0	0	71	01
	Hyderabad	000	0	0	18	03	97	02	0	021	95	0	0	9	0	0	67	00
Khairpur	Pad-i-dan	000	0	0	18	05	97	02	0	014	01	0	0	9	0	0	50	03
	Nawabshah	000	0	0	18	05	97	02	0	024	97	0	0	9	0	0	76	02
	Sukkur	000	0	0	27	03	96	00	0	012	97	0	0	9	0	0	66	02
	Kashmore	000	0	0	xx	xx	99	00	0	021	96	0	0	9	0	0	55	02
	Jacobabad	000	0	0	18	03	97	02	0	013	98	0	0	9	0	0	58	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	—	—	—	..	..	—	..	—	—	—	—	—	—	..	..	—	...
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	7	25	02	97	02	1	464	65	5	3	3	8	0	58	66
Peshawar	Drosh	000	0	1	23	10	98	01	0	432	82	1	1	7	0	0	71	89
	Cherat	000	0	0	36	01	97	05	0	471	74	0	0	9	0	0	66	80
	Kakul	000	0	0	23	03	99	00	0	460	76	0	0	9	0	0	59	81
	Landi Kotal	000	0	0	13	03	98	00	0	450	80	0	0	9	0	0	65	87
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	798	75	0	0	9	0	0	66	xx
	Miranshah	000	0	0	00	00	99	00	0	445	86	0	0	9	0	0	78	88
	Wana	000	0	0	11	03	99	00	0	455	83	0	0	9	0	0	33	84
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	457	87	0	0	9	0	0	58	88
	Hindubagh	000	0	1	23	03	98	00	0	424	80	0	0	9	0	0	59	80
	Loralai	000	0	0	18	03	98	00	0	422	82	0	0	9	0	0	45	87
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	27	02	96	00	0	493	79	0	0	9	0	0	36	81
	Chaman	000	0	0	27	02	97	00	0	462	83	0	0	9	0	0	xx	85
Kalat	Kalat	000	0	0	34	09	97	02	0	478	70	0	0	9	0	0	45	75
	Nushki	000	0	0	34	05	98	02	0	590	93	0	0	9	0	0	43	97
	Dalbandin	000	0	0	13	05	99	02	0	475	92	0	0	9	0	0	xx	95
	Panjgur	000	0	0	36	05	98	00	0	485	88	0	0	9	0	0	09	88
Afghanistan	Kabul	080	0	0	27	03	99	00	0	480	73	0	0	9	0	0	58	79
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	121	3	8	16	20	95	61	6	097	76	7	4	6	2	x	76	73	— 5	— 1	120.0	+ 7.3	135.8	140
	Chittagong	042	3	7	16	02	97	02	6	099	79	5	4	5	2	0	75	74	— 5	0	96.3	+15.8	128.3	108
	Maijdee Court	000	9	5	00	00	97	01	4	082	80	2	1	6	2	0	75	75	— 7	+ 1	101.9	—	133.7	115
	Comilla	225	3	8	00	00	97	02	6	091	76	8	4	5	x	x	75	74	— 4	0	74.5	—	100.5	94
	Brahmanbaria	052	0	8	13	02	97	03	6	090	76	8	0	9	2	x	75	74	—	—	49.7	—	75.7	76
	Sylhet	183	9	8	09	02	96	61	6	088	77	6	7	3	2	x	76	75	—	—	148.4	—	186.3	—
	Srimangal	311	9	7	18	02	96	03	6	091	79	3	4	4	2	0	75	74	— 3	+ 3	71.3	+ 9.3	83.4	98
Dacca	Mymensingh	000	0	4	09	02	98	02	1	086	82	4	4	5	0	0	73	75	— 3	0	87.1	+21.1	109.2	91
	Narayanganj	040	6	8	18	03	96	03	6	084	78	6	7	4	7	1	76	74	— 1	— 2	70.4	+19.7	95.6	74
	Dacca (Tezgaon)	005	8	8	18	03	97	21	6	079	77	1	1	4	7	8	74	74	—	—	74.9	—	90.3	—
	Faridpur	017	9	8	16	02	97	03	6	092	79	8	5	6	x	x	78	72	— 1	— 3	83.1	—	111.4	71
	Barisal	007	7	4	09	01	97	01	6	086	78	4	0	8	8	0	75	74	— 1	— 1	68.3	+ 9.5	80.4	81
Rajshahi	Khulna	000	0	8	00	00	96	01	2	090	80	8	5	6	x	x	77	76	—	—	75.5	—	96.4	68
	Satkhira	012	0	4	00	00	96	03	6	085	80	4	3	7	0	0	79	75	—	—	60.5	+12.2	78.5	65
	Jessore	204	9	6	18	03	97	03	6	084	78	3	4	6	6	0	77	72	— 2	— 4	67.4	+21.8	103.5	68
	Sirajganj	000	0	6	18	02	97	02	2	067	80	6	0	9	5	0	79	75	—	—	91.5	—	106.3	64
	Bogra	026	7	8	00	03	96	03	6	076	80	7	5	5	1	x	77	76	— 1	+ 2	72.6	+20.2	101.6	69
	Dinajpur	000	3	6	00	00	96	03	1	073	81	6	0	9	2	0	75	73	— 2	+ 1	49.4	— 8.7	66.8	72
	Rangpur	000	0	3	13	02	96	01	1	xxx	81	1	2	6	1	0	76	77	— 2	+ 4	70.8	+ 6.3	90.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	057	78	0	0	9	0	0	69	70	— 1	+ 10	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	057	81	0	0	9	0	0	71	74	0	+ 10	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	061	75	0	0	9	0	0	71	71	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	36	02	99	00	0	063	73	0	0	9	0	0	64	66	+ 2	+ 8	38.8	+15.0	51.8	36
	Khushab	000	0	0	08	00	99	00	0	064	79	0	0	9	0	0	72	71	— 2	+ 6	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	05	02	96	00	0	053	70	0	0	9	0	0	67	68	+ 3	+ 5	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	054	70	0	0	9	0	0	67	69	0	+ 4	6.1	— 1.5	8.4	10
	Multan	000	0	0	13	02	98	02	0	054	78	0	0	9	0	0	67	74	+ 5	+ 10	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	00	00	98	00	0	102	74	0	0	9	0	0	69	70	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	27	03	96	02	0	026	79	0	0	9	0	0	64	71	—	—	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	060	82	0	0	9	0	0	62	70	—	—	5.5	+ 1.3	6.5	6
	Fort Abbas	000	0	0	18	03	98	00	0	062	85	0	0	9	0	0	70	69	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	98	00	0	057	69	0	0	9	0	0	63	64	—	—	1.1	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	067	74	0	0	9	0	0	68	70	+ 3	+ 9	9.7	+ 4.2	23.5	14
	Haripur	000	0	0	23	02	97	00	0	047	74	0	0	9	0	0	65	67	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	36	02	98	00	0	069	71	0	0	9	0	0	65	68	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	046	76	0	0	9	0	0	65	71	—	—	12.4	—	19.3	11
	D. I. Khan	000	0	0	05	02	98	00	0	058	80	0	0	9	0	0	68	70	+ 1	+ 7	10.5	+ 8.0	14.8	48
Quetta	Sibi	000	0	0	00	00	99	00	0	057	80	0	0	9	0	0	41	78	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	11	02	99	02	0	047	68	0	0	9	0	0	23	62	—	—	0	—	1.1	2
	Turbat	000	0	0	27	02	95	00	0	071	76	0	0	9	0	0	49	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	2	00	00	97	03	0	067	81	2	1	5	0	0	79	75	—	—	0.3	—	5.9	4
	Pasni	000	0	0	11	05	91	49	0	061	71	0	0	9	0	0	71	70	— 3	+ 3	0.6	— 0.3	3.2	4
	Ormara	000	0	0	00	00	98	00	0	063	77	0	0	9	0	0	75	74	—	—	1.7	+ 0.9	4.2	6
	Las Bela	—	..	..	..	—	...	..	..	.	—	—	...	...	...	..	..	—	—	—				8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	00	00	94	10	1	068	82	4	6	4	0	0	78	77	+ 1	+ 3	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	0	6	00	00	94	41	1	069	77	6	6	4	0	0	75	75	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	067	81	0	0	9	0	0	77	78	—	—	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	082	87	0	0	9	0	0	70	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	18	02	98	00	0	063	83	0	0	9	0	0	76	75	—	—	18.8	—	19.5	—
	Hyderabad	000	0	0	00	00	97	02	0	059	79	0	0	9	0	0	74	75	+ 3	+ 3	14.6	+ 8.6	15.3	7
Khairpur	Pad-i-dan	000	0	0	13	07	98	02	0	058	80	0	0	9	0	0	66	72	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	02	97	02	0	064	79	0	0	9	0	0	73	73	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	00	00	96	00	0	052	78	0	0	9	0	0	69	76	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	061	80	0	0	9	0	0	73	71	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	09	02	97	02	0	049	79	0	0	9	0	0	67	72	+ 4	+ 6	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							24
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	000	0	0	00	00	98	00	0	093	47	0	0	9	0	0	24	39	—	—	—	—	—	—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	0	27	02	98	00	0	485	58	0	0	9	0	0	36	54	— 1	+ 4	52.5	+16.0	77.7	59
Peshawar	Drosh	000	0	0	00	00	98	02	0	486	63	0	0	9	0	0	55	62	+ 11	+ 8	1.5	—	30.7	18
	Cherat	000	0	0	18	03	98	00	0	488	63	0	0	9	0	0	60	61	+ 1	+ 2	20.9	+ 8.6	30.9	29
	Kakul	000	0	0	31	02	97	02	0	478	65	0	0	9	0	0	50	61	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	00	00	98	00	0	462	70	0	0	9	0	0	61	xx	—	—	3.8	—	26.9	—
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	800	61	0	0	9	0	0	50	xx	—	—	14.1	—	28.0	29
	Miranshah	000	0	0	00	00	99	00	0	459	71	0	0	9	0	0	65	68	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	00	00	99	00	0	472	70	0	0	9	0	0	32	55	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	505	65	0	0	9	0	0	45	55	+ 6	+ 2	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	27	01	98	00	0	468	59	0	0	9	0	0	32	58	—	—	4.6	—	12.6	—
	Loralai	000	0	0	31	03	98	00	0	390	57	0	0	9	0	0	21	52	—	—	7.1	—	13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	00	00	95	00	0	489	58	0	0	9	0	0	08	37	+ 6	— 7	4.7	+ 3.6	10.2	8
	Chaman	000	0	0	09	02	97	00	0	432	63	0	0	9	0	0	15	54	+ 6	+ 1	0.1	— 0.1	6.2	7
Kalat	Kalat	000	0	0	18	05	97	02	0	503	55	0	0	9	0	0	41	40	0	— 1	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	00	00	98	02	0	538	69	0	0	9	0	0	55	65	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	05	02	95	05	0	471	57	0	0	9	0	0	18	53	+ 5	+ 2	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	479	65	0	0	9	0	0	36	54	+ 1	0	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	09	02	99	00	0	558	45	0	0	9	0	0	33	39	—	—	—	—	—	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 12th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhClhCMCH	DsVs a PP	8 Ns Ch hs	O TsTsTdTd	IdwdwPHw
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Islami	13 173	648 00	5 23 05	99 03 2	088 82	52 6 00	33 40 0	—	0 02 75	1 23 21
Egidia	13 224	684 09	1 28 09	98 02 0	045 82	11 4 00	34 71 8	—	0 01 81	1 28 x2
World Health	13 093	650 03	5 32 10	97 16 6	159 82	52 5 00	65 22 5	—	0 50 73	1 32 x1
Bethsabee	13 179	571 03	5 25 10	98 02 2	105 79	32 5 01	55 21 4	—	0 02 72	1 22 23
Alfred Fraissint	13 248	579 06	0 32 14	98 02 0	082 90	00 9 00	36 11 3	—	0 51 77	1 32 x1
Asia	13 242	662 12	1 23 06	98 02 0	002 81	11 4 00	57 30 0	—	0 04 79	1 23 x1
Alfred Fraissinet	13 230	589 12	0 32 10	98 02 0	054 90	00 9 00	28 71 4	—	0 02 81	1 32 x0
Dwarka	13 242	602 18	0 05 05	98 02 0	062 84	00 9 00	35 20 3	—	0 00 81	1 05 32
Neptunia	13 120	603 18	2 27 08	98 02 0	129 79	22 4 00	66 40 0	—	0 54 73	1 27 x2
Alfred Fraissint	13 224	599 18	0 18 12	98 02 0	074 81	00 9 00	36 10 0	—	0 52 55	1 18 28
Asia	13 231	645 18	5 24 10	98 03 0	045 82	54 4 00	57 22 0	—	0 02 77	1 24 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	..	Misda	—	...	—	..	—	..	—	—	—	..	—
Jiwani														
Karachi	00 00	002 252 242	040 255 238	—	480 242 032	..	121 112 548	—	—	—	—	—	..	—
Lahore	00 00	..	Misda	..	..	..	..	—	—	—	—	—	—	—
Multan														
Peshawar														
Quetta	23 00	945 232 195	..	—	400 185 128	—	039 085 582	294 xxxxxx	724 590 999	417 698 999	948 815	..		—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	—	Misda		—	—	—	—	—	...	—	—	..
Jiwani													
Karachi	00 00	930 248 062	800 195 538	—	..	—	—	—	—	—	800 195 538	—	—
Lahore	00 00	—	...	..	—	..	...	—	...	—	...	—	—
Multan													
Peshawar													
Quetta	23 00	900 212 162	800 142 095	350 778 999	284 845 999	..	..	..	—	..	284 845 999	—	..

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	20 08	31 08	23 08	26 17	29 16	27 19	—	—	—
Chaklala	—	30 03	35 02	33 05	28 08	28 11	31 14	31 24	31 42
Chhor	23 05	18 06	16 08	09 04	06 04	07 01	34 04	36 13	01 17
Chittagong	17 11	18 12	...	..	...	—	—	...	...
Cox's Bazar	No	Ascent	—	—	—	—	—	—	—
Dacca	19 05	20 04	20 04	28 09	29 10	28 12	27 16	29 13	30 14
Dalbandin	...	—	04 04	30 02	29 04	34 12	33 21	32 14	32 18
D. I. Khan	..	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	21 18	22 15	19 09	18 11	13 05
Fort Sandeman	—	..	—	35 03	23 03	25 05	26 05	31 15	31 23
Jacobabad	16 04	24 03	29 07	30 07	28 04	33 15	32 12	32 16	32 17
Jessore	17 05	18 04	22 07	26 09	—	..	—	...	—
Jhelum	20 01	23 02	26 02	31 02	35 06	28 06	29 08	30 10	31 15
Jiwani	16 03	05 06	03 05	33 03	34 06	02 11	07 07	08 05	08 01
Karachi	26 07	28 07	32 07	04 05	04 09	04 10	33 08	35 10	01 21
Khanpur	xx xx	23 14	23 11	29 06	30 03	21 05	21 08	23 12	31 23
Lahore	08 01	27 01	23 03	24 06	27 12	29 13	30 12	33 13	33 26
Multan	34 03	32 06	32 07	29 08	26 15	23 16	25 18	31 15	31 23
Muscat	—	...	—	—	—	...	—	...	—
Panjgur	...	—	—	—	—	—	..	—	—
Peshawar	—	...	—	...	...	—	—	—	—
Quetta	—	—	—	—	31 09	29 08	32 06	33 19	31 21
Shahjahan	...	...	...	...	—	—	...	—	...
Sylhet	11 05	15 05	20 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	23 04	24 09	25 07	22 07	26 09	—
Chaklala	—	09 05	36 04	33 12	30 09	17 09
Chhor	25 10	19 12	17 10	12 09	08 07	36 21
Chittagong	No	Ascent	..	—	—	—
Cox's Bazar	No	Ascent	—	—	—	—
Dacca	21 06	24 03	27 03	28 10	29 07	25 05
Dalbandin	...	—	07 11	06 08	30 07	31 18
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	24 01	21 07	20 09
Fort Sandeman	—	—	—	23 06	29 12	28 14
Jacobabad	19 09	19 10	18 09	11 01	06 08	35 06
Jessore	21 10	25 08	27 05	23 05	24 03	27 07
Jhelum	04 02	30 03	32 04	33 17	31 11	32 12
Jiwani	29 02	23 06	26 05	30 05	27 03	01 06
Karachi	27 12	26 10	25 08	19 04	34 11	35 11
Khanpur	20 14	21 13	21 11	23 10	25 08	31 08
Lahore	12 07	12 04	03 03	31 05	30 04	01 08
Multan	05 07	20 14	22 18	23 17	26 04	35 08
Muscat	—	—	—	—	—	—
Panjgur	—	—	..	—	—	—
Peshawar	..	—	—	..	—	—
Quetta	..	..	—	..	—	—
Shahjahan	—	—	—	—	—	—
Sylhet	20 09	—	—	—	27 04	30 18
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 03	—	..	—	—	..	—	—	—	—	—
Chaklala	—	—	—	—	...	—	..	—	—	—	..
Chhor	—	—	—	—	—	—	—	—	—	..	—
Chittagong	17 05	19 03	24 06	25 11	26 08	—	—	—	—	—	—
Cox's Bazar	18 03	20 05	25 04	30 06	30 04	...	—	—	—	—	—
Dacca	16 05	23 05	26 05	26 05	28 06	—	—	—	—	—	—
Dalbandin	—	—	08 06	08 04	36 08	34 23	26 12	26 17	25 07	26 07	29 11
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	13 01	05 03	36 09	36 13	33 17	32 27	—
Fort Sandeman	—	—	—	24 07	25 08	22 11	30 07	28 15	27 20	26 29	28 29
Jacobabad	28 03	21 07	29 05	07 02	10 06	01 09	28 02	26 12	29 13	30 14	31 23
Jessore	06 01	—	—	—	—	—	—	—	—	—	—
Jhelum	18 01	28 02	31 05	32 09	31 06	27 05	30 15	30 21	30 17	31 22	30 39
Jiwani	23 03	17 03	26 03	33 08	31 08	28 05	19 14	21 02	23 08	—	—
Karachi	24 04	21 07	22 07	29 06	31 09	02 12	02 24	04 14	05 10	03 06	...
Khanpur	26 09	26 13	26 12	25 06	23 05	08 11	02 10	04 04	25 06	28 21	29 15
Lahore	12 05	12 07	06 04	34 06	28 10	28 08	36 13	33 16	32 20	—	—
Multan	26 02	27 05	26 08	24 07	28 03	09 06	30 08	27 10	27 19	—	—
Muscat	—	—	—	—	..	—	—	..	..	—	—
Panjgur	—	—	—	—	—	—	...	—	..	—	—
Peshawar	—	—	..	—	—	—	—	—	—	—	—
Quetta	—	—	..	—	24 01	34 08	33 16	27 14	26 15	28 24	28 24
Shahjahan	—	—	—	—	—	—	—	...	—	—	..
Sylhet	19 01	18 06	—	—	...	...	...	...	—	—	...
Veraval	—	—	...	—	—	—	—	—	...	—	—

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda						..	—	..	—	..	—	—	—	—	..	—	..
Karachi	27 09	26 10	23 08	28 05	33 08	04 10	—		—	..	—	—		—	—	—	—	—
Peshawar	Misda	—	—	—			—	—	—	—	—	—	—	—	—	—	—	
Quetta																		

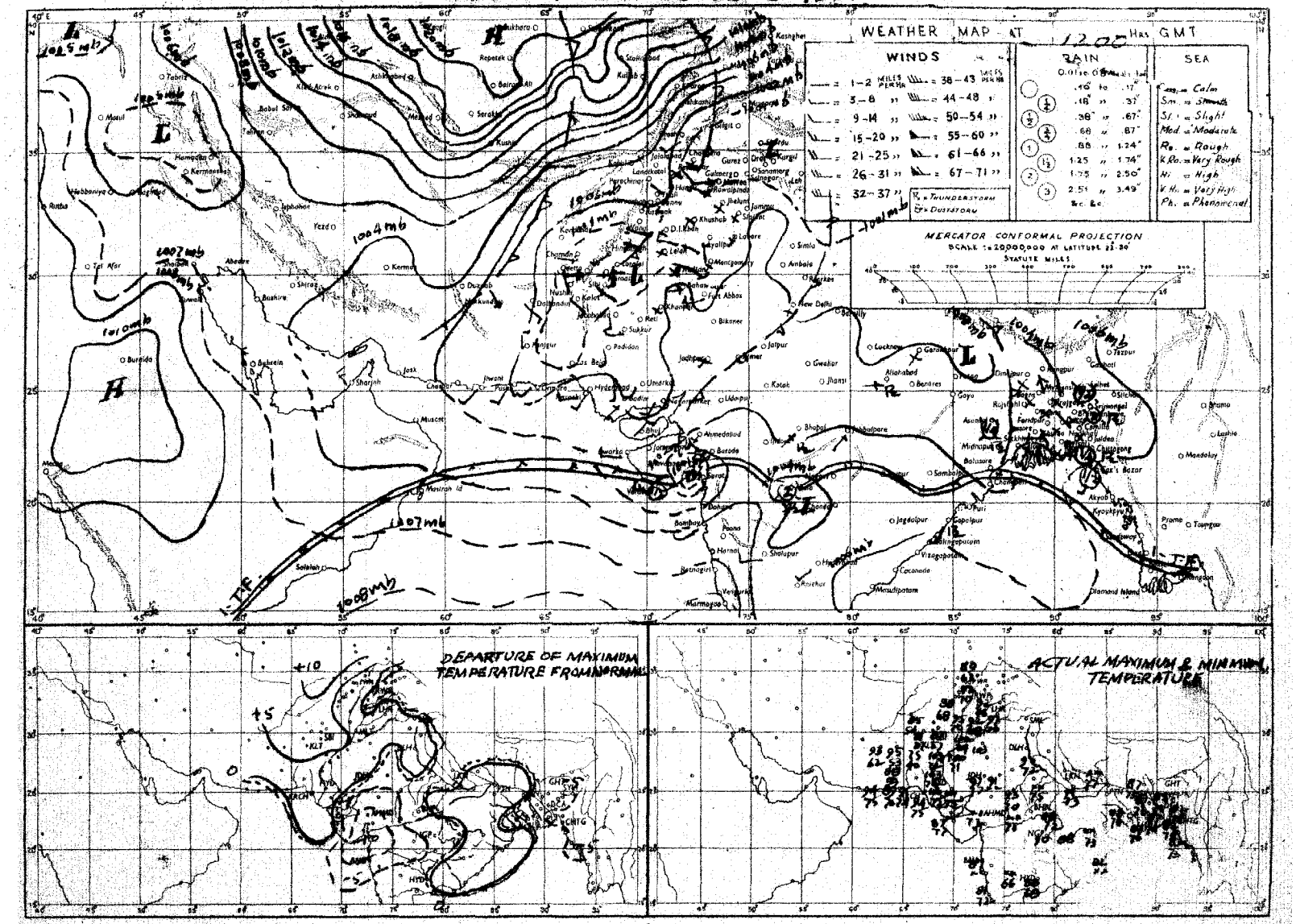
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

SUNDAY 11TH OCTOBER 1959



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

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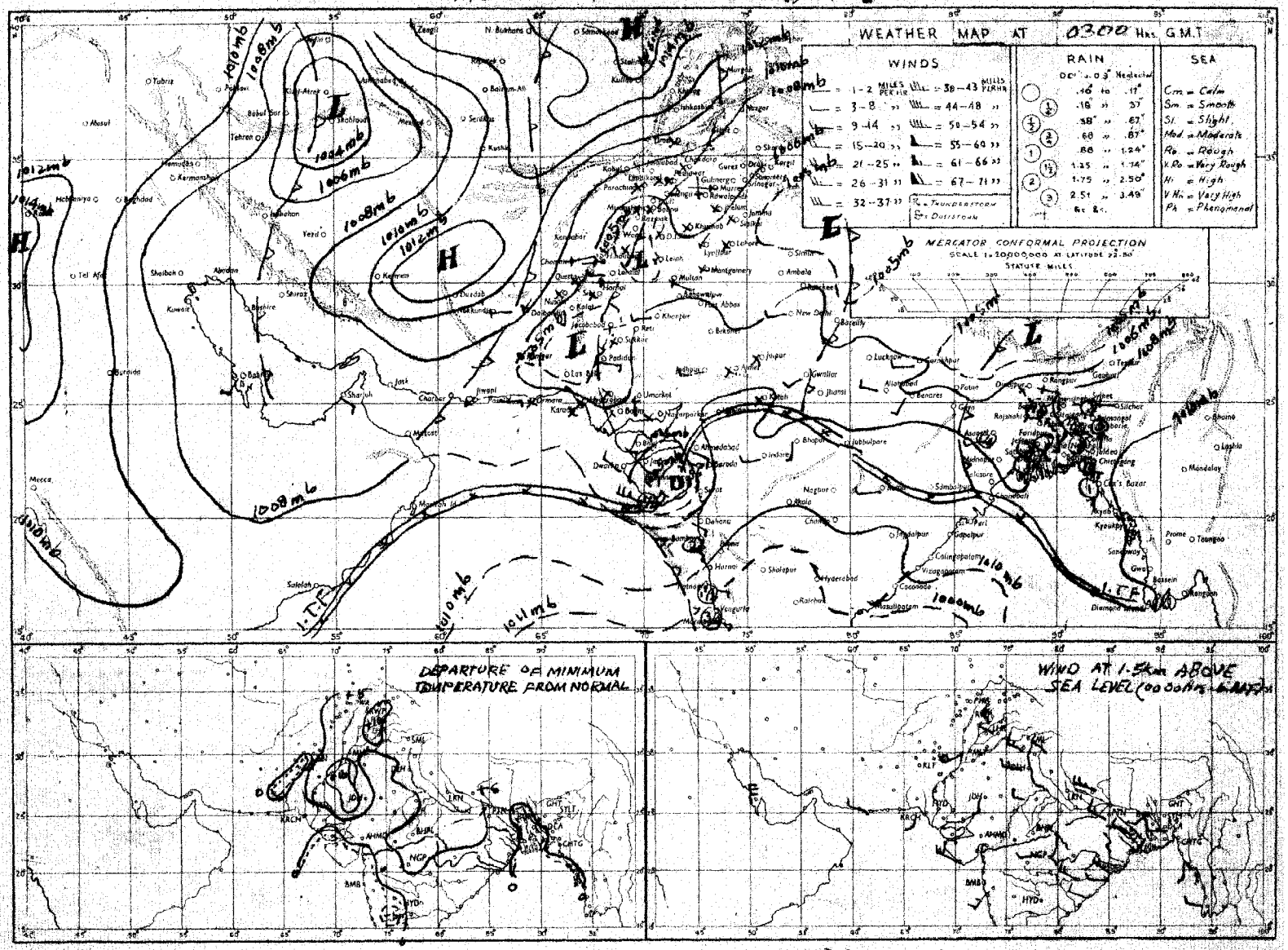
PAKISTAN DAILY WEATHER MAP

MONDAY 12th OCTOBER, 1953



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 13th OCTOBER, 1959.

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

Yesterday's shallow depression over Kutch and neighbourhood remained practically stationary. It is likely to weaken without appreciable movement. Under its influence scattered rain has fallen in Hyderabad division.

A western disturbance is moving across Russian Turkistan with ist associated trough extending to north Afghanistan.

A low lies over north and adjoining central Bay of Bengal.

Thunderstorm/showers have been local in East Pakisstan.

Chief amounts of rainfall are:- Brahmanbaria 4"; Bogra 1¼"; Mymensingh 1"; Rangpur ½" and Umarkot 1/4".

Day temperatures were:- 3—6°F above normal in Quetta, D. I. Khan, Multan and Bahawalpur divisions and 2—4°F below normal in East Pakistan.

Forecast valid until the evening of 14th October, 1959. Local thunderstorm/showers will occur in East Pakistan and scattered in Hyderabad, Peshawar and D. I. Khan divisions and in Kashmir.

Karachi-11
The 13th October, 1959.

OBSERVATIONS

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

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	20	05	95	01	1	066	80	2	8	7	7	1	74	84	000	1	3	16	02	97	01	6	106	85	2	2	7	0	1	73	73	— 4	+ 1	112.0	+ 7.1	135.8	140
	Chittagong	000	0	2	20	05	97	01	1	064	80	1	1	7	1	0	74	85	000	0	6	11	02	97	02	2	113	83	4	2	6	2	0	77	76	— 2	+ 2	96.3	+15.6	128.3	108
	Masjdee Court	000	0	9	00	00	99	00	0	044	80	9	x	0	x	x	73	84	010	1	3	00	00	97	01	6	107	82	3	0	9	2	0	75	74	— 3	— 0	102.0	+ 13.4	133.9	115
	Comilla	000	0	8	00	00	94	02	2	065	82	8	4	5	x	x	79	86	000	3	3	00	00	97	03	6	108	86	3	4	6	0	0	75	77	— 3	+ 3	74.5	+ 8.0	100.5	94
	Brahmanbaria	000	0	2	00	00	97	01	1	057	82	2	2	5	0	0	75	83	345	3	4	18	02	97	21	6	111	79	4	5	5	0	0	76	73	—	—	50.3	—	76.2	76
	Sylhet	004	1	7	00	00	xx	61	6	058	78	6	8	5	2	0	75	83	004	6	8	09	02	96	61	9	113	78	7	7	4	2	x	76	75	—	—	148.4	—	106.4	—
	Srimangal	000	0	3	00	00	xx	01	1	059	80	3	4	5	0	0	76	86	000	0	7	18	03	96	03	1	114	83	4	3	4	2	0	75	73	— 4	+ 2	71.3	+ 9.0	83.4	98
Dacca	Mymensingh	000	0	2	00	00	98	01	1	054	82	2	1	5	0	0	75	85	105	9	6	13	02	98	02	9	115	79	6	4	5	0	0	73	73	— 3	— 2	88.1	+21.9	110.2	91
	Narayanganj	006	3	7	14	03	xx	03	6	048	83	3	4	4	0	8	77	86	006	9	7	09	05	96	03	6	104	81	7	4	4	0	0	76	77	— 3	+ 1	70.4	+19.5	95.7	74
	Dacca (Tejgaon)	000	9	4	13	02	97	03	0	050	81	2	3	6	0	2	75	86	003	9	7	09	07	97	21	1	099	77	7	9	4	0	0	75	76	—	—	74.9	—	90.3	—
	Faridpur	000	8	5	00	00	96	01	2	056	84	2	4	8	1	0	79	85	003	9	6	16	02	96	51	0	101	77	6	7	6	0	0	75	75	— 2	— 0	83.1	+33.8	111.4	71
	Barisal	011	2	6	00	00	96	02	6	058	81	6	6	6	0	0	78	87	011	9	6	09	01	97	03	6	102	83	6	0	8	4	0	74	76	— 1	+ 1	68.5	+ 9.4	80.5	81
Rajshahi	Khulna	000	0	4	00	00	95	01	2	055	79	4	5	7	0	0	78	89	000	0	8	00	00	96	03	1	107	80	8	5	5	x	x	77	76	—	—	75.5	+24.7	96.4	68
	Sakhira	000	0	8	00	00	94	03	2	048	78	8	6	6	x	x	74	89	000	0	4	00	01	96	02	0	100	83	4	6	6	0	0	77	77	—	—	60.5	+11.9	78.5	65
	Jessore	007	0	6	18	05	96	02	2	050	81	4	4	5	0	7	88	87	017	9	5	00	00	97	01	6	100	80	3	8	6	6	0	77	76	— 1	— 0	67.6	+21.6	103.5	65
	Sirajganj	000	0	7	00	00	94	02	2	035	81	6	0	9	2	0	80	87	016	6	6	00	00	97	03	6	098	81	4	2	6	0	6	80	76	—	—	91.6	—	106.4	64
	Bogra	057	5	8	23	02	95	95	9	049	77	7	9	5	2	x	75	84	140	9	6	09	03	96	01	9	105	80	5	5	6	2	0	76	74	— 4	— 0	74.0	+21.3	103.0	69
	Dinajpur	000	0	0	00	00	xx	00	0	039	83	0	0	9	0	0	74	89	000	0	4	00	00	96	02	0	083	83	4	0	9	2	0	77	76	— 0	+ 2	49.4	— 8.9	66.8	72
	Rangpur	042	4	5	13	02	96	01	6	xxx	87	3	4	6	2	0	75	88	044	0	7	13	02	96	03	6	xxx	78	7	7	6	0	0	75	75	— 1	+ 2	71.2	+ 6.5	91.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	039	91	0	0	9	0	0	70	95	000	0	0	00	00	96	02	0	085	79	0	0	9	0	0	70	71	— 1	+ 11	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	032	87	0	0	9	0	0	72	91	000	0	0	00	00	97	00	0	083	81	0	0	9	0	0	72	74	— 2	+ 10	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	032	88	0	0	9	0	0	75	92	000	0	0	00	00	97	02	0	084	74	0	0	9	0	0	69	71	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	041	84	0	0	9	0	0	66	89	000	0	0	02	02	98	00	0	086	73	0	0	9	0	0	64	64	— 1	+ 6	38.8	+15.0	51.8	36
	Khushab	000	0	0	00	00	99	00	0	029	93	0	0	9	0	0	61	97	000	0	0	00	00	99	00	0	089	81	0	0	9	0	0	68	71	+ 2	+ 6	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	030	92	0	0	9	0	0	66	97	000	0	0	13	02	96	02	0	075	78	0	0	9	0	0	65	71	+ 3	+ 8	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	029	94	0	0	9	0	0	69	98	000	0	0	13	02	96	00	0	072	75	0	0	9	0	0	65	69	— 0	+ 4	6.1	— 0.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	030	97	0	0	9	0	0	61	00	000	0	0	18	02	98	02	0	076	77	0	0	9	0	0	60	71	+ 5	+ 7	5.9	+ 1.0	8.0	7
Bahawalpur	Laiah	000	0	—	25	02	96	03	—	031	97	—	—	—	—	—	69	00	000	0	0	00	00	98	00	0	081	70	0	0	9	0	0	58	68	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	00	00	97	00	0	036	01	0	0	9	0	0	70	02	000	0	0	16	03	96	02	0	074	78	0	0	9	0	0	62	72	—	—	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	036	99	0	0	9	0	0	62	02	000	0	0	00	00	97	00	0	083	82	0	0	9	0	0	67	70	—	—	5.5	+ 1.3	6.5	6
	Fort Abbas	000	0	0	29	05	98	00	0	036	99	0	0	9	0	0	62	02	000	0	0	16	03	98	00	0	087	83	0	0	9	0	0	59	69	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	23	02	99	00	0	040	86	0	0	9	0	0	59	88	000	0	0	00	00	99	00	0	089	65	0	0	9	0	0	59	63	—	—	1.1	—	26.5	—
	Peshawar	000	0	1	13	07	96	02	0	069	87	1	1	7	0	0	64	89	000	0	0	00	00	96	02	0	087	74	0	0	9	0	0	68	60	— 0	— 1	9.7	+ 5.2	23.5	14
	Haripur	000	0	0	23	02	97	00	0	072	86	0	0	9	0	0	75	90	000	0	0	05	12	97	00	0	064	70	0	0	9	0	0	61	68	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	00	00	98	00	0	047	91	0	0	9	0	0	63	93	000	0	0	00	00	98	00	0	090	72	0	0	9	0	0	62	66	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	021	90	0	0	9	0	0	58	93	000	0	0	30	01	99	00	0	072	70	0	0	9	0	0	61	69	—	—	12.4	—	19.3	11
	D. I. Khan	000	6	0	00	00	98	00	0	025	92	0	0	9	0	0	76	98	000	0	0	05	02	98	00	0	076	72	0	0	9	0	0	65	69	+ 4	+ 6	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	23	02	99	00	0	035	00	0	0	9	0	0	28	04	000	0	0	08	00	99	00	0	079	77	0	0	9	0	0	50	70	—	—	3.4	—	4.1	5
	Nushki	000	0	0	13	02	99	02	0	062	93	0	0	9	0	0	57	96	000	0	0	25	02	97	02	0	102	69	0	0	9	0	0	20	66	—	—	0	—	1.1	3
	Turbat	000	0	0	27	02	96	00	0	049	xx	0	0	9	0	0	68	xx	000	0	0	13	02	95	00	0	090	79	0	0	9	0	0	57	xx	—	—	2.9	—	7.3	—
Kalat	Jiwani	000	0	0	23	09	97	02	0	050	88	0	0	9	0	0	74	94	000	0	6	00	00	96	45	4	081	79	6	5	4	0	0	80	76	—	—	0.3	—	5.9	4
	Pasni	000	0	0	23	02	97	00	0	045	86	0	0	9	0	0	78	91	000	0	7	11	02	97	02	2	087	79	7	5	7	0	0	77	71	— 1	+ 4	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	09	98	02	0	043	86	0	0	9	0	0	77	93	000	2	8	09	02	xx	43	4	089	75	8	4	4	x	x	75	72	—	—	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Capital, Hyderabad	Karachi (Manora)	000	0	0	25	10	98	02	0	047	87	0	0	9	0	0	80	89	000	0	1	00	00	94	41	0	090	75	0	0	9	0	1	73	71	+ 1					8
	Karachi (Air Port)	000	0	0	23	05	97	02	0	050	87	0	0	9	0	0	73	92	000	0	0	23	02	96	00	0	085	81	0	0	9	0	0	78	79	—	—	22.6	—	22.9	—
	Badin	000	0	0	00	00	97	00	0	048	95	0	0	9	0	0	83	98	000	0	0	00	00	98	00	0	094	86	0	0	9	0	0	70	80	—	—	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	25	02	98	00	0	048	94	0	0	9	0	0	79	95	022	0	1	18	02	98	02	6	085	80	0	0	9	0	2	71	74	—	—	30.5	—	30.5	—
	Umarkot	022	0	4	27	02	98	21	0	036	85	4	6	0	0	0	74	99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18.9	—	19.7	—
	Hyderabad	000	0	1	18	03	97	03	0	047	93	1	8	6	0	0	69	97	000	0	0	00	00	97	02	0	086	79	0	0	9	0	0	73	70	— 0	— 2	14.6	+ 8.6	15.3	7
Khairpur	Padidan	000	0	4	16	05	98	01	0	039	98	1	1	6	0	0	53	01	000	0	0	13	05	97	02	0	082	77	0	0	9	0	0	68	70	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	18	05	97	01	0	042	97	1	2	6	0	0	74	99	000	0	0	18	03	97	02	0	089	78	0	0	9	0	0	74	74	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	36	03	96	00	0	033	96	0	0	9	0	0	67	02	000	0	0	06	03	96	00	0	080	80	0	0	9	0	0	68	77	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	035	92	0	0	9	0	0	56	00	000	0	0	00	00	99	00	0	080	83	0	0	9	0	0	61	69	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	23	03	97	02	0	040	98	0	0	9	0	0	62	00	000	0	0	00	00	97	02	0	079	79	0	0	9	0	0	69	72	+ 1	+ 6	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								—
	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Miagar	000	0	0	00	00	98	00	0	055	58	0	0	9	0	0	29	66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				—
	Allahad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	0	0	31	02	98	00	0	466	64	0	0	9	0	0	52	69	000	0	0	29	04	98	00	0	500	57	0	0	9	0	0	44	55	+ 2	+ 5	52.5	+15.9	77.7	59
Peshawar	Drosh	000	0	0	23	07	98	02	0	446	83	0	0	9	0	0	75	90	000	0	0	00	00	98	02	0	505	63	0	0	9	0	0	54	63	+ 12	+ 9	1.5	—	30.7	18
	Chitral	000	0	0	18	01	98	00	0	476	76	0	0	9	0	0	70	81	000	0	0	27	03	98	00	0	497	67	0	0	9	0	0	62	65	+ 2	+ 6	20.9	+16.3	30.9	29
	Kakul	000	0	0	16	03	97	05	0	514	76	0	0	9	0	0	54	84	000	0	0	36	02	97	02	0	497	67	0	0	9	0	0	44	61	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	13	03	98	00	0	460	80	0	0	9	0	0	55	84	000	0	0	00	00	98	00	0	491	70	0	0	9	0	0	56	xx	—	—	3.8	—	26.9	—
D. I. Khan	Parachinar	000	0	0	13	01	99	00	0	799	75	0	0	9	0	0	67	xx	000	0	0	00	00	99	00	0	799	58	0	0	9	0	0	42	xx	—	—	14.1	—	28.0	29
	Miranshah	000	0	0	05	02	99	00	0	463	86	0	0	9	0	0	80	88	000	0	0	00	00	99	00	0	478	71	0	0	9	0	0	52	65	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	13	03	99	00	0	445	85	0	0	9	0	0	xx	86	000	0	0	20	02	99	00	0	480	57	0	0	9	0	0	31	52	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	0	20	03	98	02	0	467	87	0	0	9	0	0	59	88	000	0	0	00	00	97	02	0	506	66	0	0	9	0	0	43	54	+ 6	+ 1	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	31	05	98	00	0	430	81	0	0	9	0	0	54	81	000	0	0	00	00	98	00	0	471	54	0	0	9	0	0	36	52	—	—	4.6	—	12.4	—
	Loralai	000	0	0	16	03	98	00	0	409	80	0	0	9	0	0	34	87	000	0	0	31	03	98	00	0	377	55	0	0	9	0	0	21	49	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	36	02	95	00	0	459	78	0	0	9	0	0	50	79	000	0	0	00	00	95	00	0	504	59	0	0	9	0	0	25	38	+ 4	— 6	4.7	+ 3.6	10.2	—
	Chaman	000	0	0	36	02	97	00	0	487	82	0	0	9	0	0	19	85	000	0	0	00	00	97	00	0	511	65	0	0	9	0	0	20	59	+ 6	+ 6	0.1	— 0.1	6.2	7
	Kalat	000	0	0	34	05	98	02	0	475	73	0	0	9	0	0	55	80	000	0	0	18	05	97	02	0	484	53	0	0	9	0	0	37	42	+ 5	+ 1	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	34	05	98	02	0	536	67	0	0	9	0	0	48	89	000	0	0	00	00	98	02	0	544	75	0	0	9	0	0	53	67	—	—	1.1	—	2.9	—
Afghanistan	Dalbandin	000	0	0	13	03	97	02	0	487	89	0	0	9	0	0	27	91	000	0	0	00	02	98	02	0	488	62	0	0	9	0	0	26	53	+ 1	+ 2	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	31	02	98	00	0	489	87	0	0	9	0	0	13	88	000	0	0	05	02	98	00	0	489	63	0	0	9	0	0	18	57	+ 1	+ 3	2.5	—	4.1	4
	Kabul	000	0	0	27	03	99	00	0	492	71	0	0	9	0	0	59	77	000	0	0	09	05	99	00	0	552	55	0	0	9	0	0	45	43	—	—	—	—	—	12
	Kandahar																																								—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 13th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_s T_s T_d T_d$	$I_d d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	23 233	591 00	0 32 05	98 00 0	033 86	00 9 00	36 40 0	...	0 00 81	1 00 00
Asia	23 228	629 09	1 23 06	98 03 0	045 91	11 4 00	57 30 0	...	0 02 79	1 23 x1
Dwarka	23 250	632 06	0 00 00	98 40 0	086 81	00 9 00	25 30 6	...	0 51 79	1 09 20
Asia	23 207	614 36	2 24 10	98 02 0	077 82	21 4 00	57 21 0	...	0 00 78	1 24 22
Bulimba	23 226	694 06	1 00 00	98 02 0	003 86	14 8 00	36 20 5	...	0 83 80	1 34 21
Bulimba	23 214	697 11	8 25 08	95 64 1	094 77	87 4 xx	36 40 0	...	0 01 77	1 13 22
Dwarka	23 252	636 12	0 20 05	98 10 4	053 81	00 9 00	35 70 7	...	0 51 79	1 12 20
Asia	23 195	595 12	1 24 12	98 02 0	064 82	11 5 00	57 10 0	...	0 00 75	1 24 x2
Fogo	23 207	591 12	0 21 16	98 00 0	050 79	00 9 00	56 40 0	...	0 02 77	1 21 32
Astarte	23 156	525 15	3 17 05	98 01 0	087 79	24 5 40	15 30 4	...	0 51 77	1 17 x0
Fogo	23 194	583 18	0 20 15	98 00 0	087 77	00 9 00	55 22 3	...	0 02 75	1 20 xx
Asia	23 186	583 18	3 23 08	98 02 0	091 79	34 4 00	57 22 0	...	0 52 77	1 23 x1

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTT$T_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	03 00	..	Misda	--	..	--	..	--	..	--	--	..	..	--
Jiwani														
Karachi	00 00	005 228 212	064 232 215	--	440 268 068	..	149 128 632	919 045 999	877 545 999	589 662 999	970 790	--	..	--
Lahore	00 00	..	Misda	..	..	..	--	--	...	..	--	--	--	--
Multan														
Peshawar														
Quetta	03 00	967 262 185	..	--	480 218 145	--	134 105 535	396 018 999	832 585 999	543 670 999	936 808	..		--

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_dT_dT_d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	--	Misda		--	--	--	--	--	--	--	--	..
Jiwani													
Karachi	00 00	930 268 068	800 182 052	--	..	--	--	--	--	--	800 182 052	--	--
Lahore	00 00	--	Misda	..	--	..	...	...	...	--	...	--	--
Multan													
Peshawar													
Quetta	03 00	900 242 058	800 182 035	350 742 999	253 858 999	..	..	..	--	..	253 858 999	..	..

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

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

UPPER WIND DATA*

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

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

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	11 07	11 03	11 06	07 06	13 01	19 03	...	--	--	--	--
Chaklala	..	--	--	...	--	--	..	--	--	--	..
Chhor	--	...	..	...	--	--	...	...	--	..	...
Chittagong	18 14	16 04	16 09	16 13	15 12	17 16			--	...	--
Cox's Bazar	18 10	18 09	16 07	17 09	18 07	21 10	21 06	22 16	32 13	--	--
Dacca	10 06	14 10	14 10	14 07	15 06	11 04	23 03	24 11	22 12	23 15	...
Dalbandin	--	--	09 04	30 05	25 02	35 11	30 13	25 25	26 22	28 21	27 [illegible]
D. I. Khan	--	--	--	--							
Drosh	--	--	--		09 01	06 03	36 08	28 06	16 04	36 15	24 [illegible]
Fort Sandeman	--	--	--	23 01	27 02	20 11	26 18	26 23	25 22	27 25	21 [illegible]
Jacobabad	19 03	20 05	22 05	33 06	32 03	26 07	29 09	30 13	29 13	30 19	--
Jessore	02 10	04 01	02 04	01 06	33 03						
Jhelum	18 01	23 03	03 05	30 12	33 08	33 05	26 14	26 11	26 18	27 33	27 [illegible]
Jiwani	24 05	25 08	31 13								..
Karachi	25 05	16 04	10 02	36 07	04 12	03 19	03 12	03 11	03 10	02 12	...
Khanpur	25 10	28 12	28 12	19 08	19 11	20 06	26 05	28 04	26 04		..
Lahore	33 01	22 04	24 04	31 06	33 13	30 12	26 10	27 15	27 19	26 15	28 [illegible]
Multan	17 03	20 05	22 13	22 11	23 07	11 06	28 12	27 15	26 13	28 19	28 [illegible]
Muscat	--	--	---	--	..	--	...		--	--	..
Panjgur	--	...	--	--	--	..	...	--	..	...	...
Peshawar	--	--	..	...			...				...
Quetta	--	..	..	..	32 05	35 15	xx xx	xx xx	xx xx	33 20	--
Sharjah			...	--					..	--	
Sylhet	12 05	12 06	11 07	11 08	11 06	15 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda												--	--	--	..	--	..
Karachi	26 04	30 06	04 02	34 09	02 14	04 23	05 17	07 17	09 13	10 11	10 11	07 19		--	--	--	--	--
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.

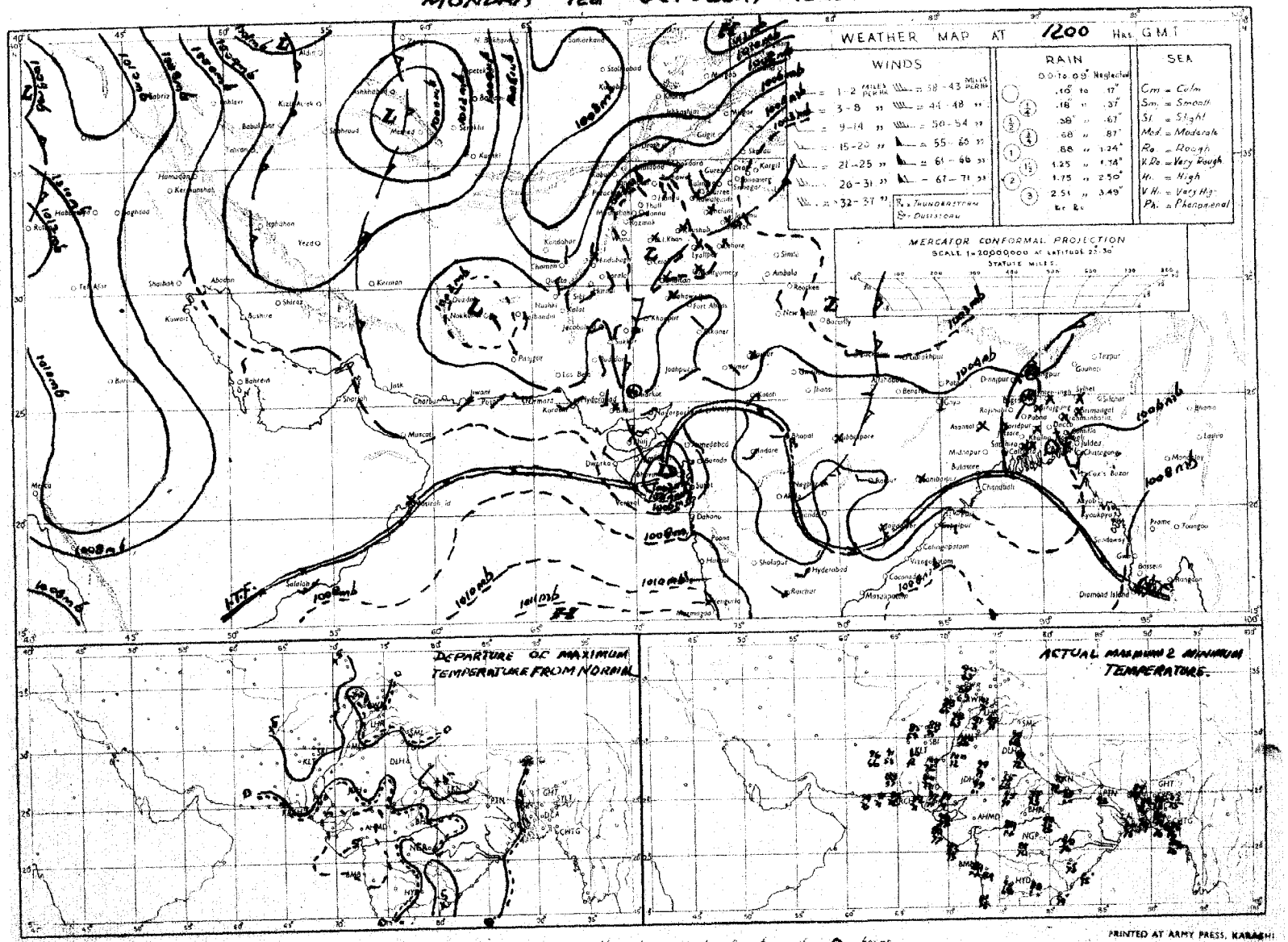
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 768 30 308

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, 12th OCTOBER, 1959.



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

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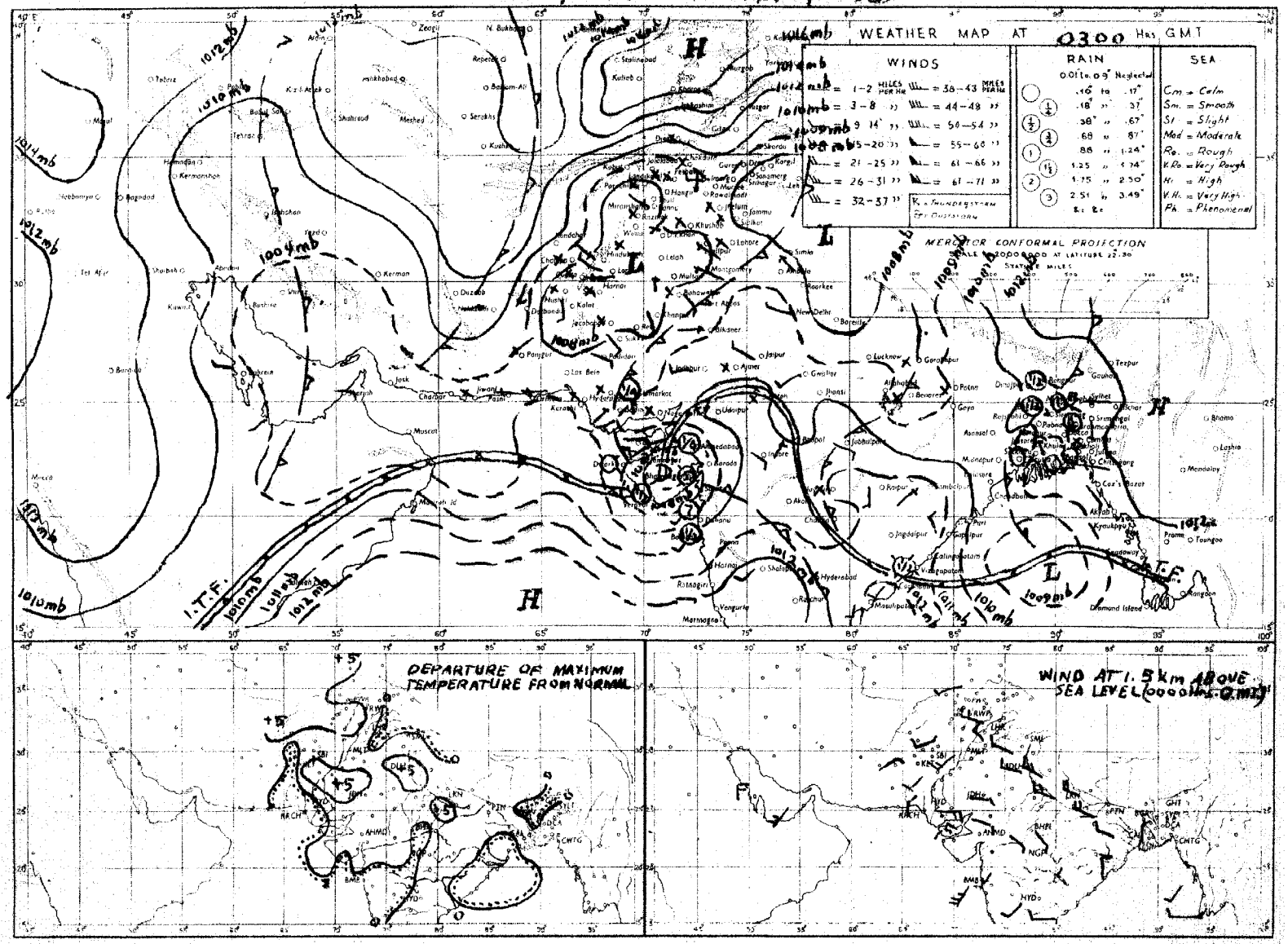
PAKISTAN DAILY WEATHER MAP

TUESDAY 13th OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457

Volume No. 13

WEDNESDAY THE 14th OCTOBER, 1959

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

Yesterday's shallow depression over Kutch and neighbourhood remained practically stationary. It is likely to weaken without appreciable movement. The western disturbance over Russian Turkistan moved away eastwards with its associated trough extending to Lahore division. Weather remained dry in West Pakistan.

Yesterday's low over north adjoining central Bay of Bengal persists and has caused fairly widespread rain/thundershowers in Chittagong division. Chief amounts of rainfall are:- Cox's Bazar ½" and Chittagong and Comilla 1/4" each.

Day temperatures were:- 3—5°F above normal in West Pakistan outside, Rawalpindi, Lahore, Khairpur, Hyderabad and coastal Kalat divisions and were nearly normal in East Pakistan.

Forecast valid until the evening of 15th October, 1959. Local rain/thundershowers will occur in Chittagong and Dacca divisions and scattered thunderstorm/showers in Rajshahi and Hyderabad divisions.

Karachi-11
The 14th October, 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	4	20	03	95	01	1	078	81	1	9	6	6	4	75	87
	Chittagong	001	6	4	13	02	97	01	6	079	79	2	4	7	2	0	75	86
	Maijdee Court	000	0	9	00	00	xx	00	0	063	93	9	x	0	x	x	77	87
	Comilla	000	0	4	00	00	96	02	1	076	82	4	4	7	0	0	76	89
	Brahmanbaria	001	4	5	09	02	97	03	6	078	78	5	5	5	0	0	75	83
	Sylhet	000	8	2	00	00	xx	01	6	074	82	1	1	6	7	0	79	86
	Srimangal	014	4	7	00	00	xx	03	9	081	79	6	3	4	4	0	76	87
Dacca	Mymensingh	000	0	2	00	00	98	01	1	076	83	2	4	6	0	0	77	85
	Narayanganj																	
	Dacca (Tezgaon)	008	0	5	00	00	97	02	6	072	80	4	4	5	0	1	76	83
	Faridpur	005	8	2	00	00	96	01	1	065	82	2	4	7	0	0	76	86
	Barisal	000	0	6	00	00	97	03	1	068	83	6	0	8	4	0	76	87
Rajshahi	Khulna	000	0	0	00	00	94	00	0	072	82	0	0	9	0	0	77	87
	Satkhira	000	0	5	00	00	94	03	1	072	83	5	6	6	0	0	78	89
	Jessore	003	0	4	18	02	97	02	1	070	82	2	4	6	6	0	79	89
	Sirajganj	000	0	2	00	00	99	03	0	065	81	2	0	9	1	0	81	86
	Bogra	000	0	4	00	00	95	03	0	072	82	3	4	5	0	1	78	86
	Dinajpur	000	0	0	00	00	xx	00	0	059	84	0	0	9	0	0	77	89
	Rangpur	000	0	1	18	02	96	01	0	xxx	83	0	0	9	0	1	76	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	069	93	0	0	9	0	0	67	97
	Sialkot	000	0	0	00	00	97	00	0	063	88	0	0	9	0	0	72	92
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	061	91	0	0	9	0	0	71	95
	Rawalpindi	000	0	0	00	00	99	00	0	080	85	0	0	9	0	0	65	92
	Khushab	000	0	0	00	00	99	00	0	058	94	0	0	9	0	0	63	98
Multan	Lyallpur	000	0	0	13	02	96	02	0	062	93	0	0	9	0	0	59	98
	Montgomery	000	0	0	00	00	96	00	0	065	93	0	0	9	0	0	61	98
	Multan	000	0	0	00	00	98	02	0	059	97	0	0	9	0	0	56	00
Bahawalpur	Leiah	000	0	0	00	00	96	05	0	065	98	0	0	9	0	0	61	98
	Khanpur	000	0	0	29	03	96	02	0	056	98	0	0	9	0	0	65	xx
	Bahawalpur	000	0	0	00	00	97	00	0	065	98	0	0	9	0	0	69	00
	Fort Abbas	000	0	0	36	03	98	00	0	061	96	0	0	9	0	0	73	03
Peshawar	Chakdara	000	0	0	00	00	99	00	0	074	85	0	0	9	0	0	61	88
	Peshawar	000	0	0	00	00	97	02	0	067	88	0	0	9	0	0	70	92
	Haripur	000	0	0	23	02	97	00	0	035	88	0	0	9	0	0	57	92
	Campbellpur	000	0	0	00	00	98	00	0	071	91	0	0	9	0	0	60	93
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	047	91	0	0	9	0	0	54	94
	D. I. Khan	000	6	0	00	00	98	00	0	049	96	0	0	9	0	0	72	89
Quetta	Sibi	000	0	0	18	02	99	00	0	056	01	0	0	9	0	0	51	03
Kalat	Nokkundi	000	0	0	16	02	99	02	0	043	97	0	0	9	0	0	35	99
	Turbat	000	0	0	23	02	96	00	0	062	04	0	0	9	0	0	79	05
	Jiwani	000	0	0	23	14	97	02	0	078	89	0	0	9	0	0	71	91
	Pasni	000	0	0	23	05	97	00	0	073	87	0	0	9	0	0	76	89
	Ormara	000	0	0	27	09	98	00	0	068	85	0	0	9	0	0	78	88
	Las Bela	000	0	0	00	00	98	00	0	062	96	0	0	9	0	0	76	03
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	09	98	02	0	073	85	0	0	9	0	0	78	87
	Karachi (Air Port)	000	9	1	27	07	97	02	4	072	88	1	1	6	0	0	73	91
	Badin	000	0	0	23	02	97	00	0	068	92	0	0	9	0	0	71	00
	Nagarparkar	000	0	0	25	02	98	00	0	067	94	0	0	9	0	0	70	95
	Umarkot	000	0	4	31	03	98	02	1	053	95	4	7	6	0	0	72	97
	Hyderabad	000	0	2	23	03	97	03	0	066	95	2	8	6	0	0	65	99
Khairpur	Pad-i-dan	000	0	1	18	05	97	01	0	061	99	1	1	6	0	0	53	02
	Nawabshah	000	0	2	18	03	97	02	0	062	98	2	9	6	0	0	74	00
	Sukkur	000	0	0	34	05	96	00	0	059	96	0	0	9	0	0	67	02
	Kashmore	000	0	0	09	00	99	00	0	057	97	0	0	9	0	0	54	00
	Jacobabad	000	0	0	13	02	97	02	0	061	97	0	0	9	0	0	61	00
Janagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	27	02	98	00	0	456	63	0	0	9	0	0	53	68
Peshawar	Drosh	000	0	1	23	09	98	01	0	455	83	1	2	7	0	0	70	91
	Cherat	000	0	0	18	03	98	00	0	497	76	0	0	9	0	0	69	81
	Kakul	000	0	0	20	05	99	00	0	494	75	0	0	9	0	0	53	83
	Landi Kotal	000	0	0	13	05	98	00	0	480	81	0	0	9	0	0	56	88
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	802	77	0	0	9	0	0	71	xx
	Miranshah	000	0	0	00	00	99	00	0	473	86	0	0	9	0	0	43	89
	Wana																	
Quetta	Fort Sandeman	000	0	0	25	03	98	02	0	488	85	0	0	9	0	0	51	87
	Hindubagh	000	0	0	31	04	98	00	0	424	80	0	0	9	0	0	55	80
	Loralai	000	0	0	31	01	98	00	0	379	80	0	0	9	0	0	51	85
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	07	97	02	0	480	80	0	0	9	0	0	47	80
	Chaman	000	0	0	27	02	97	00	0	496	81	0	0	9	0	0	26	86
Kalat	Kalat	000	0	0	31	10	98	02	0	498	72	0	0	9	0	0	55	77
	Nushki	000	0	0	31	05	98	02	0	579	91	0	0	9	0	0	46	93
	Dalbandin	000	0	0	07	02	99	02	0	507	93	0	0	9	0	0	44	95
	Panjgur	000	0	0	00	00	98	00	0	503	92	0	0	9	0	0	25	93
Afghanistan	Kabul	000	0	0	00	00	99	00	0	491	78	0	0	9	0	0	55	00
	Kandahar																	

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

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)
Cox's Bazar	054	6	3	16	03	97	01	6	114	79	1	3	7	7	2	77	74	1	0
Chittagong	032	3	6	00	00	97	01	6	117	78	4	4	5	1	0	76	74	— 1	0
Maijdee Court	009	0	6	00	00	97	91	2	116	79	2	1	6	2	1	75	74	0	0
Comilla	035	1	8	00	00	97	60	6	113	77	8	4	5	x	x	74	72	0	— 2
Brahmanbaria	011	0	5	13	02	97	03	6	117	81	3	5	5	4	0	77	76	—	—
Sylhet	000	0	6	00	00	96	02	2	112	80	5	8	5	3	0	76	73	—	—
Srimangal	014	0	3	00	00	96	01	1	118	81	2	4	6	7	0	74	72	— 3	+ 1
Mymensingh	000	0	4	13	02	98	02	1	121	82	4	4	6	0	0	74	76	— 3	+ 1
Narayanganj	000	9	8	11	03	96	03	2	115	81	8	7	3	x	x	77	78		+ 2
Dacca (Tezgaon)	008	9	7	09	03	98	03	0	110	82	6	3	4	8	0	78	75	—	—
Faridpur	000	9	6	16	02	97	03	0	112	81	3	5	7	1	0	79	74	— 1	— 1
Barisal	000	0	6	09	02	97	03	1	109	83	4	0	8	4	3	76	76	— 1	+ 1
Khulna	000	0	6	00	00	96	03	1	114	83	6	4	6	0	0	77	76	—	—
Satkhira	000	0	4	00	03	96	01	0	113	83	4	3	7	0	0	77	77	—	—
Jessore	000	0	4	09	03	97	01	0	113	83	4	3	7	0	0	77	77	0	+ 1
Sirajganj	000	0	2	00	00	97	02	0	107	85	2	1	4	0	0	82	76	—	—
Bogra	000	0	3	09	02	97	03	0	112	80	3	2	6	0	0	76	76	— 2	+ 2
Dinajpur	000	0	0	00	00	96	00	0	113	85	0	0	9	0	0	76	75	0	+ 1
Rangpur	000	0	2	09	02	96	01	1	xxx	82	1	1	6	1	0	76	74	+ 1	+ 3
Jammu																			
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	106	79	0	0	9	0	0	66	69	+ 1	+ 9
Sialkot	000	0	0	00	00	97	00	0	098	82	0	0	9	0	0	70	73	— 1	+ 9
Jhelum	000	0	0	00	00	96	02	0	104	76	0	0	9	0	0	68	69	—	—
Rawalpindi	000	0	0	00	00	98	00	0	106	74	0	0	9	0	0	64	66	+ 2	+ 8
Khushab	000	0	0	00	00	99	00	0	101	76	0	0	9	0	0	68	71	+ 3	+ 6
Lyallpur	000	0	0	00	00	96	00	0	106	72	0	0	9	0	0	62	66	+ 4	+ 3
Montgomery	000	0	0	00	00	96	00	0	106	70	0	0	9	0	0	60	67	0	+ 2
Multan	000	0	0	13	02	98	02	0	095	82	0	0	9	0	0	59	74	+ 5	+ 10
Leiah	000	0	0	18	02	98	00	0	101	73	0	0	9	0	0	60	68		—
Khanpur	000	0	1	00	00	96	03	0	095	83	1	0	9	7	0	61	73		—
Bahawalpur	000	0	0	00	00	97	00	0	099	83	0	0	9	0	0	63	68	—	—
Fort Abbas	000	0	0	16	03	98	00	0	096	87	0	0	9	0	0	75	70	—	—
Chakdara	000	0	0	00	00	99	00	0	102	67	0	0	9	0	0	59	63	—	—
Peshawar	000	0	0	00	00	96	05	0	113	72	0	0	9	0	0	67	68	+ 3	+ 7
Haripur	000	0	0	23	04	97	00	0	086	70	0	0	9	0	0	52	68	—	—
Campbellpur	000	0	0	36	02	98	00	0	126	72	0	0	9	0	0	62	67	—	—
Bannu	000	0	0	00	00	99	00	0	108	73	0	0	9	0	0	60	67	—	—
D. I. Khan	000	0	0	00	00	98	00	0	100	73	0	0	9	0	0	60	66	— 5	+ 3
Sibi	000	0	0	00	00	99	00	0	106	71	0	0	9	0	0	53	68	—	—
Nokkundi	000	0	0	07	02	99	02	0	107	70	0	0	9	0	0	29	69	—	—
Turbat	000	0	0	13	02	95	00	0	098	77	0	0	9	0	0	68	xx	—	—
Jiwani	000	0	0	27	03	96	02	0	099	81	0	0	9	0	0	80	76	—	—
Pasni	000	0	1	09	02	97	02	0	103	80	1	5	7	0	0	76	77	— 3	+ 10
Ormara	000	0	4	00	00	98	01	1	103	80	4	4	7	0	0	76	75	—	—
Las Bela	000	0	0	00	00	98	00	0	092	78	0	0	9	0	0	61	69	—	—
Karachi (Manora)																		— 1	
Karachi (Air Port)	000	0	0	00	00	96	02	0	099	73	0	0	9	0	0	70	68	—	—
Badin	000	0	0	23	02	96	00	0	094	82	0	0	9	0	0	79	78	—	—
Nagarparkar	000	0	0	00	00	98	00	0	098	87	0	0	9	0	0	70	80	—	—
Umarkot	000	0	0	13	05	98	00	0	096	83	0	0	9	0	0	70	75	—	
Hyderabad	000	0	0	00	00	97	02	0	097	80	0	0	9	0	0	74	78	+ 2	+ 6
Pad-i-dan	000	0	0	13	03	97	02	0	099	82	0	0	9	0	0	64	73	—	—
Nawabshah	000	0	0	00	00	97	02	0	102	80	0	0	9	0	0	76	73	—	—
Sukkur	000	0	0	00	00	96	00	0	096	78	0	0	9	0	0	69	74	—	—
Kashmore	000	0	0	00	00	99	00	0	097	84	0	0	9	0	0	61	69	—	—
Jacobabad	000	0	0	00	00	96	02	0	098	79	0	0	9	0	0	66	71	+ 1	+ 5
Murree	000	0	0	29	05	98	00	0	521	57	0	0	9	0	0	39	51	+ 1	+ 1
Drosh	000	0	0	00	00	98	02	0	520	64	0	0	9	0	0	44	63	+ 13	+ 9
Cherat	000	0	0	18	02	98	00	0	514	62	0	0	9	0	0	58	61	+ 2	+ 2
Kakul	000	0	1	00	00	96	05	0	517	67	1	0	9	4	0	53	62	—	—
Landi Kotal	000	0	0	00	00	98	00	0	507	67	0	0	9	0	0	57	xx	—	—
Parachinar	000	0	0	00	00	99	00	0	800	58	0	0	9	0	0	48	xx	—	—
Miranshah	000	0	0	00	00	99	00	0	491	67	0	0	9	0	0	44	65	—	—
Wana	000	0	0	00	00	99	00	0	500	61	0	0	9	0	0	20	48	—	—
Fort Sandeman	000	0	0	00	00	97	02	0	524	62	0	0	9	0	0	42	54	+ 5	+ 1
Hindubagh	000	0	0	31	04	98	00	0	495	56	0	0	9	0	0	33	55	—	—
Loralai	000	0	0	31	03	99	00	0	361	59	0	0	9	0	0	29	51	—	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—
Quetta	000	0	0	00	00	95	00	0	517	60	0	0	9	0	0	41	40	+ 5	— 4
Chaman	000	0	0	09	01	97	00	0	514	66	0	0	9	0	0	27	61	+ 7	+ 8
Kalat	000	0	0	18	05	98	02	0	502	57	0	0	9	0	0	42	55	+ 2	+ 14
Nushki	000	0	0	00	00	98	02	0	565	77	0	0	9	0	0	50	65	—	—
Dalbandin	000	0	0	00	00	98	02	0	491	60	0	0	9	0	0	26	55	+ 5	+ 4
Panjgur	000	0	0	00	00	98	00	0	500	64	0	0	9	0	0	23	58	+ 6	+ 4
Kabul	000	0	0	09	02	99	00	0	576	50	0	0	9	0	0	38	41	—	—

Rainfall

STATIONS (2)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	123.5	+ 7.5	134.4	140
Chittagong	96.6	+15.7	128.6	108
Maijdee Court	102.1	+13.2	133.9	115
Comilla	74.9	+8.0	100.9	94
Brahmanbaria	50.3	— 1.7	76.2	76
Sylhet	148.4	—	186.4	—
Srimangal	71.5	+ 8.9	83.5	58
Mymensingh	88.1	+21.6	110.2	91
Narayanganj	70.4	+19.3	95.7	74
Dacca (Tezgaon)	75.1	—	90.4	—
Faridpur	83.1	+33.5	111.4	71
Barisal	68.5	+ 9.1	80.5	81
Khulna	75.5	+24.5	96.4	68
Satkhira	60.5	+11.7	78.5	65
Jessore	67.6	+21.6	103.7	65
Sirajganj	91.6	—	106.4	64
Bogra	74.0	+20.9	103.0	69
Dinajpur	49.4	— 9.2	66.8	72
Rangpur	71.2	+ 6.3	91.1	84
Jammu				—
Lahore (Jail Rd.)	21.8	+ 7.2	25.6	19
Sialkot	52.6	+28.9	58.4	32
Jhelum	39.1	—	49.3	—
Rawalpindi	38.8	+15.0	51.8	36
Khushab	16.2	+ 5.9	21.7	15
Lyallpur	14.5	+ 5.2	17.3	12
Montgomery	6.1	— 1.5	8.4	10
Multan	5.9	0	8.0	7
Leiah	5.0	—	6.9	8
Khanpur	0.5	— 3.7	1.3	6
Bahawalpur	5.5	+ 1.3	6.5	6
Fort Abbas	8.9		9.2	4
Chakdara	1.1	—	26.5	—
Peshawar	9.7	+ 5.1	23.5	14
Haripur	21.1	—	32.0	—
Campbellpur	22.0	—	35.9	—
Bannu	12.4	—	19.3	11
D. I. Khan	10.5	+ 5.0	14.3	10
Sibi	3.4	—	4.1	5
Nokkundi	0	—	1.1	2
Turbat	2.9	—	7.3	—
Jiwani	0.3	—	5.9	4
Pasni	0.6	— 0.3	3.2	6
Ormara	1.7	+ 0.9	4.2	6
Las Bela	6.6	—	6.8	8
Karachi (Manora)				8
Karachi (Air Port)	22.6	—	22.9	—
Badin	11.2	+ 4.0	11.2	9
Nagarparkar	30.5	—	30.5	—
Umarkot	19.0	—	19.7	—
Hyderabad	14.6	+ 8.6	15.3	7
Pad-i-dan	7.3	—	7.5	—
Nawabshah	6.4	—	7.1	—
Sukkur	3.5	—	4.6	4
Kashmore	2.0	—	2.1	—
Jacobabad	3.8	+ 1.5	4.5	4
Veraval				20
Jalalabad				—
Muscat				4
Kuwait				—
Srinagar				2
Gulmarg				—
Sonamarg				71
Dras				38
Leh				3
Skardu				8
Misgar				—
Aliabad				—
Gilgit				5
Murree	52.5	+15.9	77.7	59
Drosh	1.5	—	30.7	18
Cherat	20.9	+ 8.6	30.9	23
Kakul	49.9	—	54.6	—
Landi Kotal	3.8	—	26.9	—
Parachinar	14.1	—	28.0	29
Miranshah	4.0	— 0.8	7.0	11
Wana	5.1	—	14.1	—
Fort Sandeman	7.2	+ 2.1	15.9	11
Hindubagh	4.6	—	12.6	—
Loralai	7.1	—	13.0	—
Harnai	8.4	+ 0.9	12.7	14
Quetta	4.7	+ 3.6	10.3	8
Chaman	0.1	— 0.1	6.2	7
Kalat	6.3	+ 5.1	11.0	9
Nushki	1.1	—	2.9	—
Dalbandin	0.2	— 0.1	2.3	5
Panjgur	2.5	—	4.1	4
Kabul	—	—	—	12
Kandahar				—

† Given in Code

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 14th OCTOBER, 1999.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hhC_MC_H$	D,V, a PP	8 N, Ch. h.	O T, T, T_d T_d	Id.d.PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	33 165	568 00	1 22 08	98 02 0	072 79	12 4 00	57 60 5		0 00 73	1 22 22
Princess Sophia	33 182	671 06	1 27 12	99 01 1	105 82	11 4 00	76 40 0	—	0 00 73	1 27 33
Astarte	33 176	563 09	1 17 07	98 01 1	115 79	12 5 00	15 81 3	—	0 52 75	1 20 21
Astarte	33 180	568 12	1 18 08	98 02 0	109 79	2 5 00	15 20 6	—	0 52 75	1 17 21
Astarte	33 185	573 15	1 14 05	98 02 0	123 79	12 5 00	15 21 4	—	0 53 73	1 17 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
			HHHTTT T^{d}T^{d}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	23 00	000 252 228	078 215 195	—	440 145 198	—	084 038 015	326 518 999	759 595 999	458 685 999	954 832	229 015	410 142	651 245
Jiwani														
Karachi	00 00	006 212 202	074 212 185	—	480 195 999	—	132 082 999	388 020 999	803 558 999	553 350 999	937 788	—	—	—
Lahore	00 00		Miss	—	—	—		—	—	—	—	—	—	—
Multan														
Peshawar														
Quetta	23 00	968 228 192	—	—	500 232 138	—	155 108 002	418 025 605	862 582 708	568 682 818	965 818	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{d}T^d									Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	23 00	900 165 135	800 105 075		—	—	—	—	—	—	800 105 075	—	—
Jiwani													
Karachi	00 00			—	—	—		—	—	—	300 788 999	—	—
Lahore	00 00	—	Miss	—	—	—	—	—	—	—	—	—	—
Multan													
Peshawar													
Quetta	23 00	900 242 182	800 182 035	350 752 999	250 868 999	—	—	—	—	—	250 868 999	—	—

PPP—Pressure in hundreds tens and units of millibars.
TTT; T$_d$T$_d$T^d: Dry Bulb; Daw Point temperatures (in tenths of oC.)
Sri-Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. of date (dd ff): 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	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	72
Bagra	10 05	10 04	12 03	06 01	36 03	17 06	20 03	28 03	31 12	05 03	05 05 07 10	06 06 12 05	08 06 21 01	10 09 28 06	11 09 31 11	06 04	08 04	—	—	—	—	—	—	—	—	—
Chaklala										19 09	24 05	03 03	07 08	04 07	01 0											
Chhor	22 06	14 06	12 05	08 11	06 09	05 10	—	—	—	14 10	14 10	15 07	16 09	17 12	—	15 10	15 10	15 11	15 13	17 15	16 14	—	—	—	—	—
Chittagong	15 05	16 09	16 08	17 08	19 08	19 11	20 17	21 11	22 12	No	Ascent					18 10	17 08	16 09	16 09							
Cox's Bazar	18 11	18 13	17 10	16 09						09 04	09 05	10 07	11 09	11 05	12 04	13 03	14 05	11 08	11 09	09 08	13 05	18 09	18 11	18 11	22 15	24 23
Dacca	04 03	10 01	16 03	17 06	21 05	—	—	—	—	—	—	06 07	07 08	06 04	32 13	—	—	08 05	09 07	06 06	3 09	34 12	32 07	32 10	31 18	29 14
Dalbandin	—	—	11 02	09 03	07 03	16 01	29 20	30 18	30 20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	24 01	20 01	23 05	—	—	—	—	05 02	08 04	01 04	35 13	36 19	36 15	34 64
Drosh	—	—	—	—	22 17	22 20	25 25	19 43	—	—	—	—	19 03	28 04	01 06	—	—	—	—	04 01	04 04	30 08	28 13	27 14	29 37	30 31
Fort Sandeman	—	—	—	25 05	24 09	24 15	26 15	27 19	26 21	27 03	27 09	27 10	26 10	33 11	35 14	23 01	25 02	26 03	23 03	01 05	35 04	31 03	32 08	32 07	—	—
Jacobabad	16 05	18 05	20 05	19 03	19 04	27 11	30 17	27 18	28 14	04 05	04 05	05 04	03 03	07 04	14 02	05 04	05 04	05 03	06 04							
Jacobabad	08 07	07 03	03 04	32 05	31 03	—	—	—	—	06 02	19 05	27 02	26 06	29 08	34 13	10 01	19 03	26 02	28 09	31 07	32 07	30 13	30 13	29 11	29 21	28 40
Jacobabad	21 03	24 05	26 05	29 11	34 07	34 07	29 15	27 18	27 21	28 14	30 20	30 17	29 06	20 04	11 06	29 01	30 15	30 14	30 06	08 02	34 08	32 19	33 12	32 09	02 12	32 09
Jiwani	05 06	08 06	08 06	09 06	08 03	06 09	15 07	13 08	12 10	31 09	31 07	01 02	03 04	02 12	02 17	30 14	35 04	04 05	07 06	06 08	03 16	08 04	33 12	35 15	—	—
Karachi	28 18	27 07	06 04	08 04	05 08	02 16	01 18	01 12	02 13	23 07	29 11	28 11	26 03	24 06	21 06	22 03	23 06	25 08	27 11	20 06	16 02	25 10	49 10	29 14	30 15	
Khanpur	26 09	26 12	25 07	21 06	19 11	09 05	28 09	8 08	29 10	17 09	24 09	27 09	31 11	30 17	31 15	21 07	27 04	32 05	31 07	34 07	35 09	29 14	30 15	27 21	29 36	31 47
Lahore	32 05	39 06	29 06	29 06	30 08	33 14	28 13	29 25	29 27	18 13	22 14	23 16	22 15	24 12	36 06	19 06	21 11	21 11	20 09	27 02	06 10	31 08	29 19	29 26	30 36	31 33
Multan	20 06	19 17	19 08	09 04	10 02	30 05	28 12	47 16	29 15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	04 08	09 06	16 12	20 13	18 13	29 09	31 15	31 20	—	—	—	—	36 06	31 04	—	—	—	—	34 2	17 03	26 13	29 13	28 20	29 25	31 45
Quetta	—	—	—	—	21 13	33 06	30 13	31 13	29 16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sibi-Jah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	30 04	28 01	15 03	14 05	12 05	18 03	21 04	25 09	25 14	08 03	06 03	08 05	—	—	—	08 03	10 03	—	—	—	—	—	—	—	—	—
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 Kms. a.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 05	11 05	11 06	11 06	09 04	12 05	15 06	17 07	18 07	22 06	21 15	23 22	25 26	26 27	26 25	28 21	—	—
Karachi	30 07	20 05	34 06	05 04	02 10	02 19	01 11	—	04 09	01 15	36 26	36 22	—	—	—	—	—	—
Peshawar	Miss			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

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

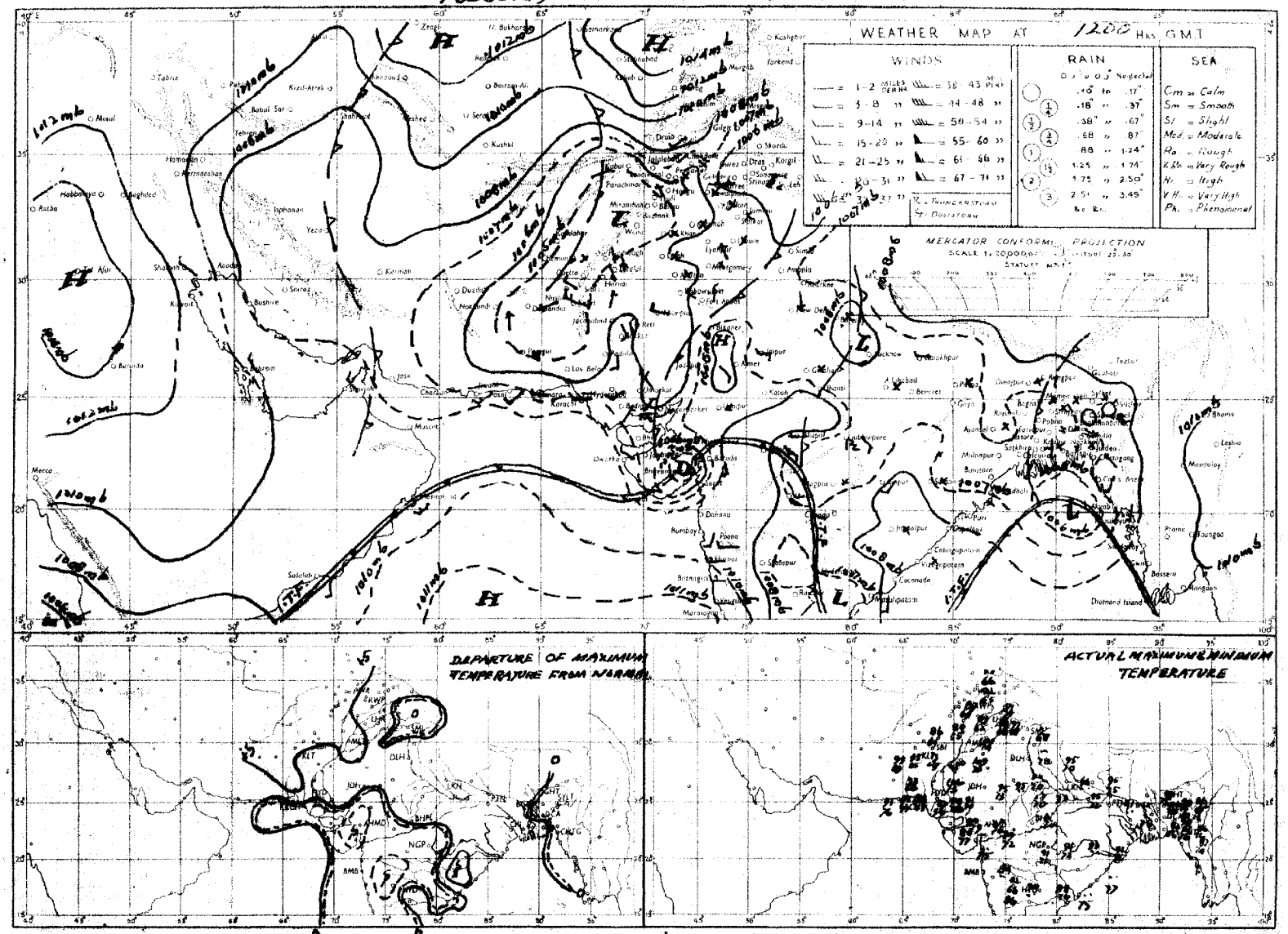
Cloud observation Data (GGiii Cdd V,V, etc.)

06 950 32 618

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, 13th OCTOBER, 1959.



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

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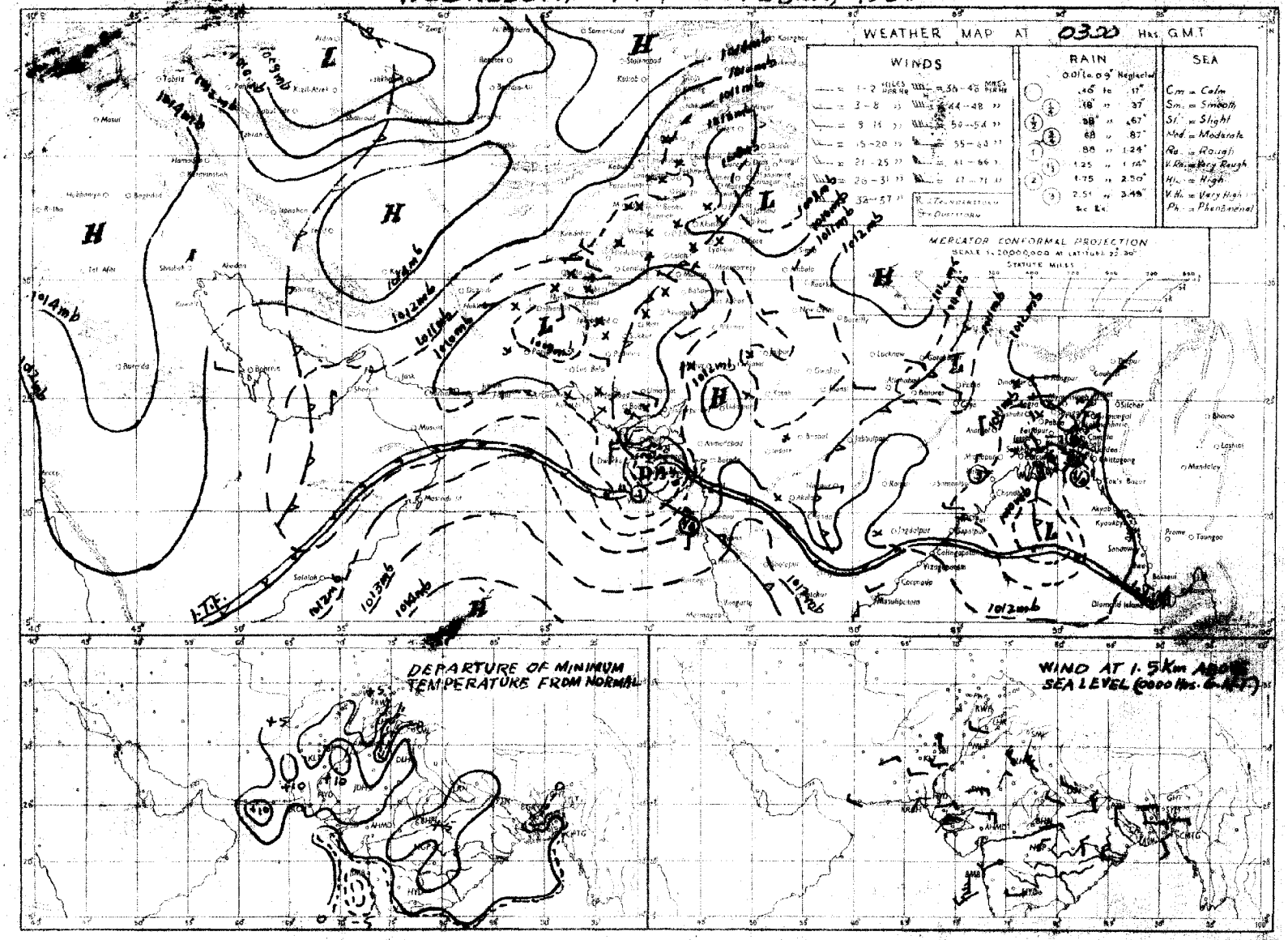
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th OCTOBER, 1953



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 15th OCTOBER, 1959

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

Yesterday's shallow depression over Kutch and neighbourhood persists. It is likely to weaken without appreciable movement.
A western disturbance is moving across Russian Turkistan with its trough extending to Afghanistan.
Weather remained dry over West Pakistan.
The low over north and adjoining central Bay now lies over north Bay of Bengal.
Local rain/thundershowers have occurred in Dacca division and scattered in Chittagong and Rajshahi divisions.
Chief amounts of rainfall are:- Sylhet 1½"; Faridpur and Sirajganj 1" each; Dacca 3/4" and Maijdee Court ½".
Day temperatures were:- 3—6°F above normal over West Pakistan outside Lahore and coastal Kalat divisions and were nearly normal over East Pakistan.
Forecast valid until the evening of 15th October, 1959. Local rain/thundershowers will occur in Dacca and Chittagong divisions and scattered thunderstorm/showers in Rajshahi, D. I. Khan, Peshawar and Rawalpindi divisions.

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WEATHER BUREAU

Karachi-11
The 15th October, 1959.

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

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date*	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	20	03	95	02	0	076	81	4	4	6	2	0	77	86	000	0	3	16	05	97	03	1	098	81	3	2	6	4	2	77	76	— 1	+ 2	120.5	+ 7.5	136.4	140
	Chittagong	000	0	6	18	02	97	02	2	075	81	4	4	6	2	0	77	86	000	0	3	00	00	97	01	1	098	82	3	2	6	0	0	75	76	— 1	+ 2	96.6	+15.6	128.6	108
	Maijdee Court	000	0	9	09	02	xx	00	0	074	82	9	x	x	x	x	75	86	067	7	3	00	00	98	01	0	079	83	3	2	6	0	0	74	76	— 1	+ 2	102.8	+13.5	134.6	115
	Comilla	000	9	8	00	00	94	02	2	068	79	8	4	5	1	1	74	89	000	0	4	00	00	97	03	0	092	82	4	4	6	0	0	76	74	0	0	74.9	+ 7.8	100.9	94
	Brahmanbaria	000	0	4	00	00	97	03	1	073	79	4	4	5	0	0	76	86	000	0	4	05	03	97	03	1	101	80	3	4	5	4	0	75	75	—	—	53.3	+ 1.2	79.3	76
	Sylhet	000	0	7	27	05	xx	02	2	069	82	5	4	6	3	0	77	88	162	9	6	00	00	97	61	9	099	74	3	7	3	7	0	72	70	—	—	152.0	—	188.0	—
	Srimangal	000	6	4	00	09	xx	03	9	072	77	4	3	5	0	0	75	86	001	3	6	05	02	96	03	6	104	76	4	4	5	3	0	71	71	— 4	0	72.4	+ 9.6	104.3	98
Dacca	Mymensingh	000	0	6	27	02	98	02	1	071	82	6	4	5	0	0	77	88	007	5	8	09	02	97	21	9	111	86	8	7	5	x	x	73	74	0	— 1	88.5	+21.7	110.6	91
	Narayanganj	000	9	1	23	01	xx	01	2	072	82	1	1	5	0	0	76	88	000	9	7	11	03	96	03	2	093	85	7	4	4	0	0	76	78	— 1	+ 2	74.4	+23.1	95.7	74
	Dacca (Tezgaon)	073	9	4	07	02	97	21	9	065	78	3	4	5	3	0	76	85	082	0	7	00	00	97	21	2	088	79	7	4	4	8	0	77	75	—	—	80.1	—	95.7	—
	Faridpur	000	8	2	16	02	96	01	1	061	84	2	4	8	0	0	55	86	095	9	5	00	00	97	25	6	083	79	3	5	6	1	0	78	71	— 1	— 4	84.1	+34.2	112.4	71
	Barisal	000	0	6	00	00	97	03	2	067	83	6	0	8	4	0	79	85	000	9	4	13	01	97	02	4	088	80	4	0	8	6	0	79	78	— 3	+ 3	115.1	+55.6	129.9	81
Rajshahi	Khulna	000	0	0	00	00	94	00	0	069	84	0	0	9	0	0	75	86	000	0	6	00	00	96	03	2	083	83	6	4	6	0	0	76	78	—	—	—	—	—	68
	Satkhira	000	0	2	00	00	96	01	0	067	83	2	1	7	0	0	78	87	000	0	6	00	03	96	03	2	091	85	6	6	8	0	0	75	76	—	—	60.5	+11.5	78.5	65
	Jessore	000	0	2	36	07	97	02	2	084	84	2	4	6	0	0	77	84	000	0	4	09	03	97	01	0	090	82	4	8	6	0	0	78	76	— 5	0	67.8	+21.6	103.7	65
	Sirajganj	018	3	2	00	03	92	03	6	053	78	1	7	5	0	0	77	90	100	5	8	00	00	97	02	6	038	79	6	8	5	0	0	67	73	—	—	82.6	—	107.4	64
	Bogra	000	0	3	00	00	96	02	8	069	84	3	4	6	0	0	75	87	008	2	4	00	00	96	01	9	089	83	2	5	6	2	0	73	77	— 1	+ 3	84.1	+30.6	104.1	69
	Dinajpur	000	0	0	00	00	x	00	0	060	85	0	0	9	0	0	77	90	0 0	0	0	00	00	96	00	0	088	87	0	0	9	0	0	77	77	—	+ 3	49.4	— 9.5	66.8	72
	Rangpur	000	0	1	09	02	96	01	0	xxx	84	1	1	6	0	0	77	88	000	0	4	00	00	96	03	4	xxx	84	2	4	6	3	1	77	76	— 1	+ 3	71.2	+ 6.0	91.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	076	93	0	0	9	0	0	63	96	000	0	0	00	00	96	02	0	091	77	0	0	9	0	0	67	77	0	+ 17	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	072	87	0	0	9	0	0	69	94	000	0	0	00	00	97	00	0	062	80	0	0	9	0	0	71	73	+ 1	+ 9	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	070	90	0	0	9	0	0	72	95	000	0	0	00	00	96	00	0	077	73	0	0	9	0	0	66	67	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	27	02	99	00	0	076	87	0	0	9	0	0	63	94	000	0	0	00	00	97	00	0	077	74	0	0	9	0	0	62	64	+ 4	+ 6	38.8	+14.9	51.8	36
	Khushab	000	0	0	00	00	99	00	0	070	93	0	0	9	0	0	65	98	000	0	0	00	00	99	00	0	074	73	0	0	9	0	0	61	64	+ 3	— 1	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	064	94	0	0	9	0	0	62	98	000	0	0	00	00	96	00	0	068	70	0	0	9	0	0	63	65	+ 1	+ 2	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	070	94	0	0	9	0	0	65	99	000	0	0	00	00	96	00	0	088	68	0	0	9	0	0	59	65	+ 3	0	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	00	0	070	98	0	0	9	0	0	65	99	000	0	0	23	02	98	02	0	077	77	0	0	9	0	0	61	73	+ 4	+ 9	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	16	02	98	00	0	076	89	0	0	9	0	0	60	99	000	0	0	00	00	97	04	0	076	67	0	0	9	0	0	53	62	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	29	03	96	03	0	068	97	0	0	9	0	0	64	98	000	0	0	20	03	96	02	0	082	77	0	0	9	0	0	61	70	—	—	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	074	98	0	0	9	0	0	62	00	000	0	0	00	00	97	00	0	082	81	0	0	9	0	0	53	68	—	—	5.5	+ 1.4	6.5	6
	Fort Abbas	000	0	0	27	05	98	00	0	066	02	0	0	9	0	0	52	02	000	0	0	00	00	98	00	0	091	81	0	0	9	0	0	62	68	—	—	8.9	—	9.2	8
Peshawar	Chakdara	000	0	0	00	00	99	00	0	096	86	0	0	9	0	0	59	88	000	0	0	00	00	99	00	0	081	67	0	0	9	0	0	59	64	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	066	88	0	0	9	0	0	70	91	000	0	0	18	03	96	05	0	084	73	0	0	9	0	0	60	69	+ 2	+ 8	9.7	+ 5.1	23.5	14
	Peshawar	000	0	0	23	02	97	00	0	047	87	0	0	9	0	0	60	91	000	0	0	23	02	98	02	0	063	70	0	0	9	0	0	63	68	—	—	21.1	—	32.0	—
	Peshawar	000	0	0	23	02	98	00	0	072	92	0	0	9	0	0	58	93	000	0	0	45	02	98	00	0	085	68	0	0	9	0	0	61	67	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	064	9[illegible]	0	0	9	0	0	55	94	000	0	0	29	01	99	00	0	076	73	0	0	9	0	0	64	67	—	—	12.4	—	9.3	11
	D. I. Khan	000	6	0	00	00	98	00	0	060	96	0	0	9	0	0	67	97	000	0	0	01	00	98	00	0	078	73	0	0	9	0	0	60	65	+ 3	+ 2	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	18	01	99	00	0	067	01	0	0	9	0	0	36	03	000	0	0	00	00	99	00	0	092	70	0	0	9	0	0	52	67	—	—	4.9	—	5.2	5
	Nokkundi	000	0	0	13	02	99	02	0	043	98	0	0	9	0	0	33	00	000	0	0	07	02	99	02	0	098	74	0	0	9	0	0	36	69	—	—	0.1	—	1.1	2
	Turbat	000	0	0	23	02	96	00	0	068	03	0	0	9	0	0	72	05	000	0	0	23	02	95	00	0	085	81	0	0	9	0	0	72	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	23	14	97	01	0	082	89	0	0	9	0	0	72	93	000	0	0	31	12	96	02	0	090	80	0	0	9	0	0	76	75	—	—	0.3	—	5.9	4
	Pasni	000	0	0	23	14	97	00	0	074	87	0	0	9	0	0	79	91	000	0	4	07	05	97	00	0	096	81	4	5	7	0	0	80	78	— 1	+ 11	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	07	98	00	0	071	87	0	0	9	0	0	77	89	000	0	3	00	00	98	01	1	088	80	3	4	7	0	0	77	75	— 1	—	2.1	+ 1.3	4.1	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	09	98	02	0	083	6	0	0	9	0	0	77	88																							8
	Karachi (Air Port)	000	0	1	20	05	96	03	0	075	91	1	5	6	0	0	70	98	000	0	0	00	00	97	02	0	093	76	0	0	9	0	0	67	71	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	97	00	0	079	96	0	0	9	0	0	64	98	000	0	0	23	02	96	00	0	102	80	0	0	9	0	0	67	78	—	—	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	0	27	02	98	00	0	076	92	0	0	9	0	0	69	94	000	0	0	00	00	98	00	0	090	87	0	0	9	0	0	65	78	—	—	30.5	—	30.5	—
	Umarkot	000	0	2	13	09	98	00	0	066	95	2	2	6	0	0	65	99	000	0	0	28	02	98	00	0	091	79	0	0	9	0	0	72	74	—	—	18.9	—	19.7	—
	Hyderabad	000	0	3	00	00	96	01	1	076	97	3	8	6	0	0	73	01	000	0	0	18	02	97	02	0	092	81	0	0	9	0	0	75	78	+ 4	+ 6	14.6	+ 8.6	15.4	7
Khairpur	Padidan	000	0	1	00	00	97	01	0	072	99	1	1	6	0	0	56	02	000	0	0	13	05	97	02	0	087	82	0	0	9	0	0	70	73	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	18	03	97	01	0	075	97	1	2	6	0	0	71	02	000	0	0	18	02	96	02	0	094	80	0	0	9	0	0	76	75	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	34	03	96	00	0	072	96	0	0	9	0	0	67	02	000	0	0	00	00	96	00	0	096	79	0	0	9	0	0	70	74	—	—	3.5	—	4.6	4
	Kashmore	000	0	6	xx	xx	99	00	0	071	97	0	0	9	0	0	59	xx	000	0	0	xx	xx	99	00	0	088	80	0	0	9	0	0	68	69	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	23	03	97	02	0	074	98	0	0	9	0	0	60	01	000	0	0	00	00	96	02	0	087	81	0	0	9	0	0	66	73	+ 2	+ 7	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Aden	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								26
	Srinagar																																								—
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								59
Rawalpindi	Murree	000	0	0	00	00	98	00	0	506	62	0	0	9	0	0	51	67	000	0	0	29	05	98	00	0	497	57	0	0	9	0	0	39	50	— 0	0	52.5	+15.8	77.7	59
Peshawar	Drosh	000	0	2	30	09	98	02	0	473	83	0	0	9	0	0	33	94	000	0	0	00	00	98	02	0	510	62	0	0	9	0	0	40	62	+ 16	+ 8	1.5	—	30.7	18
	Chitral	000	0	0	18	01	98	00	0	508	77	0	0	9	0	0	68	82	000	0	0	36	03	98	00	0	495	68	0	0	9	0	0	61	66	+ 3	+ 7	20.9	+ 8.6	30.9	29
	Kakul	000	0	0	20	05	99	00	0	502	76	0	0	9	0	0	50	83	000	0	0	09	02	97	00	0	491	66	0	0	9	0	0	52	62	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	16	03	97	00	0	490	81	0	0	9	0	0	56	87	000	0	0	00	00	98	02	0	481	70	0	0	9	0	0	53	xx	—	—	3.8	—	18.9	—
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	802	77	0	0	9	0	0	46	88																							29
	Miranshah	000	0	0	05	02	99	00	0	491	85	0	0	9	0	0	46	88	000	0	0	00	00	99	00	0	476	69	0	0	9	0	0	42	63	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	09	03	99	00	0	476	83	0	0	9	0	0	11	85	000	0	0	00	00	99	00	0	480	55	0	0	9	0	0	29	48	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	0	29	03	98	02	0	498	85	0	0	9	0	0	12	88	000	0	0	00	00	97	02	0	524	65	0	0	9	0	0	20	54	+ 6	+ 1	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	20	05	98	00	0	465	81	0	0	9	0	0	42	84	000	0	0	27	02	98	00	0	484	55	0	0	9	0	0	39	54	—	—	4.6	—	12.6	—
	Loralai	000	0	0	13	03	98	00	0	377	80	0	0	9	0	0	51	84	000	0	0	31	05	98	00	0	368	59	0	0	9	0	0	29	52	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	0	0	00	00	98	00	0	484	80	0	0	9	0	0	39	81	000	0	0	00	00	94	00	0	509	58	0	0	9	0	0	42	41	+ 6	— 3	4.7	+ 3.6	10.2	8
	Chaman	000	0	0	31	02	97	00	0	504	86	0	0	9	0	0	55	87	000	0	0	18	02	97	00	0	508	69	0	0	9	0	0	33	60	+ 8	+ 7	0.1	— 0.1	6.2	7
	Kalat	000	0	0	36	02	98	00	0	506	74	0	0	9	0	0	51	79	000	0	0	16	05	98	02	0	503	55	0	0	9	0	0	41	45	+ 4	+ 4	6.3	+ 5.1	14.0	7
Kalat	Nushki	000	0	0	31	05	98	02	0	579	92	0	0	9	0	0	42	93	000	0	0	09	02	98	02	0	565	77	0	0	9	0	0	53	69	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	09	05	98	02	0	507	93	0	0	9	0	0	34	94	000	0	0	05	02	98	02	0	492	61	0	0	9	0	0	28	55	+ 4	+ 4	0.2	— 0.1	2.2	5
Afghanistan	Panjgur	000	0	0	23	03	98	00	0	512	93	0	0	9	0	0	33	93	000	0	0	05	02	98	00	0	497	84	0	0	9	0	0	27	59	+ 6	+ 5	2.5	—	4.1	4
	Kabul	000	0	0	00	00	99	00	0	491	73	0	0	9	0	0	55	79	000	0	0	00	00	99	00	0	564	43	0	0	9	0	0	40	40	—	—	—	—	—	12
	Kandahar																																								—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 15th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 N, Ch, h,	O $T_wT_wT_dT_d$	$Id_ad_aPH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhamaru	43 204	639 00	3 29 08	97 03 1	099 79	31 4 00	76 40 0	...	0 04 xx	1 19 21
Astarte	43 206	592 03	3 35 02	93 41 0	144 73	37 0 00	15 22 0	...	0 56 73	1 25 20
Astarte	43 213	596 06	7 26 06	95 03 0	152 75	44 0 40	14 10 8	...	0 54 73	1 26 21
Riyadhamaru	43 214	625 06	4 27 14	98 03 1	122 82	22 4 30	76 00 7	...	0 08 xx	1 27 32
Dwarka	43-217	693 06	6 32 13	98 15 8	109 82	43 6 43	35 40 0	...	0 02 75	1 35 34
Begonk Royal	43 182	572 06	0 14 09	98 08 2	143 80	00 9 00	14 62 0	...	0 02 76	1 14 xx
Astarte	43 215	597 09	1 23 12	98 01 1	118 06	12 4 00	83 83 4	...	0 00 73	1 23 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	00 00	006 268 245	060 232 212	...	400 142 135	...	070 018 999	317 510 999	746 598 999	440 672 999	954 822	...	..	..
Jiwani ...														
Karachi ...	00 00	006 228 212	072 232 215	...	470 222 022	..	167 100 999	453 035 999	917 528 999	660 640 999	979 772	262 932	451 962	...
Lahore ...	00 00	Missa	...	..		..		...	...		..	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	967 222 155	..	...	490 025 142	...	140 085 552	395 012 632	828 605 999	..	..	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	00 00	900 178 162			...	—	...	—	...	...	900 178 162	—	..
Jiwani ...													
Karachi ...	00 00	900 258 072	800 175 999	—	..	...	—	—	—	—	800 175 999	...	—
Lahore ...	00 00	Missa		..	...	..	...		...	—	...		...
Multan ...													
Peshawar ...													
Quetta ...	00 00	934 245 172	900 222 152	800 165 088	—	..	..	..	—	..	800 165 088	...	..

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Sagra ...	12 01	11 01	10 02	12 02	09 04	09 06	07 07	..	—	07 03	—	—	..	..	—
Chittagong ...															
Chhor ...	22 10	14 08	13 07	08 11	08 12	04 10	07 05	06 07	—	18 08	17 04	36 05	05 09	05 10	07 05
Chittagong ...	20 09	20 10	13 10	18 13	19 11	20 10	21 13	23 17	24 15	16 09	17 08	18 09	21 04	19 08	20 09
Cox's Bazar ...	21 10	20 09	19 08	19 08											
Dacca ...	08 02	17 03	14 06	12 07	12 08	08 10				12 06	11 06	10 09	10 08	09 07	09 05
Dalbandin ...			11 03	11 07	14 05	01 04	34 11	32 06	31 15			05 05	05 07	04 05	32 15
D. I. Khan ...								17 05	19 06				23 03	24 08	21 09
Drosh ...					21 19	22 05	22 05	24 04	30 15				20 04	31 08	33 10
Fort Sandeman ...				28 01	29 03	27 04	29 04	32 13	33 17	29 03	30 03	27 04	18 03	03 06	32 17
Isa Khel ...	26 03	21 03	15 03	22 02	02 06	31 05	34 09	24 01	24 09	07 03	06 05	05 03	09 05	11 05	09 05
Jacobabad ...		05 05	35 07	0 05	01 06	19 04	17 02	32 15	31 15	32 07	34 03	32 12	31 15	31 16	16
Jiwani ...	20 03	22 05	23 06	20 07	35 00	22 00	35 00	32 13	33 1	29 12	31 17	32 17	31 09	31 05	31 12
Kalam ...	24 12	26 09	27 09	27 09	26 05	02 03	36 14	33 23	33 1	33 07	33 06	31 08	08 07	01 10	32 17
Karachi ...	33 10	33 09	20 05	03 04	05 07	03 05	34 08	33 11	34 17	26 13	27 08	25 12	24 17	24 16	28 13
Khanpur ...	32 07	31 10	30 13	28 10	22 07	15 17	17 14	27 14	31 15	31 06	30 11	31 10	31 13	32 15	32 13
Lahore ...										16 06	23 05	24 09	24 07	31 05	03 04
Multan ...	22 05	22 05	22 05	20 07	18 05	06 07	35 05	34 12	28 12						
Muscat ...															
Panjgur ...															
Peshawar ...		06 04	06 04	16 05	21 11	31 12	32 13	31 24	32 15						
Quetta ...					29 10	26 06	19 09	35 06	30 18					35 04	33 11
Sha-jah ...															
Sylhet ...	23 07	26 03	30 05							No	Ascent				
Peshawar ...															

Height in Kms. a.s.l.	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Sagra ...	—	—	—	—	—	—	—	—	—	—	—
Chittagong ...											
Chhor ...	19 05	19 03	xx xx	18 15	19 11	11 12	—	—	—	—	—
Chittagong ...	17 12	17 12	17 10								
Cox's Bazar ...	19 04	16 09	18 10	18 06	21 09	2 06		—	—	—	—
Dacca ...		—	11 05	03 06	02 10	3 18	03 18	02 17	03 21	03 14	35 11
Dalbandin ...	—		—	—							
D. I. Khan ...	—	—	—		05 04	02 08	07 10	04 17	36 18	33 11	32 08
Drosh ...	—			23 05	27 06	34 09	33 14	34 18	34 21	31 28	31 31
Fort Sandeman ...	19 02	19 03	21 03	34 06	04 07	03 06	02 08	01 10	33 12	33 12	—
Isa Khel ...											
Jacobabad ...	06 01	25 02	30 07	29 11	30 12	34 07	35 09	33 13	34 21	33 25	34
Jiwani ...	33 04	33 10	32 13	30 09	25 06	34 11	04 14	02 14	01 26	01 37	03
Kalam ...	36 07	34 07	36 06	06 05	02 09	03 15	06 20	03 17	04 15	07 21	06
Karachi ...	22 11	14 10	24 11	24 11	27 05	06 12	—	—	—	—	—
Khanpur ...											
Lahore ...	20 07	20 04	21 06	23 04	27 04	03 04	34 04	35 12	01 20	02 32	—
Multan ...											
Muscat ...	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	—	—	—	—	—	—	—	—
Peshawar ...	—	—	—	—	35 05	01 10	01 12	01 15	29 15	30 18	32
Quetta ...	—	—	—	—							
Sha-jah ...	—	—	—	—							
Sylhet ...	08 06	10 06	11 07	17 06	19 09	22 09	24 04	29 14	18 15	17 13	—
Peshawar ...											

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

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	15 1	11 10	08 08	03 03	08 05	11 06	15 05	16 08	13 09	17 09	27 07	29 18	28 15	09 17		—	—	—
Karachi ...	31 05	32 09	32 05	05 04	02 10	02 31	09 21	01 19	02 17	02 16	05 21	05 23	02 24			—	—	—
Peshawar ...	Missa																	
Quetta ...																		

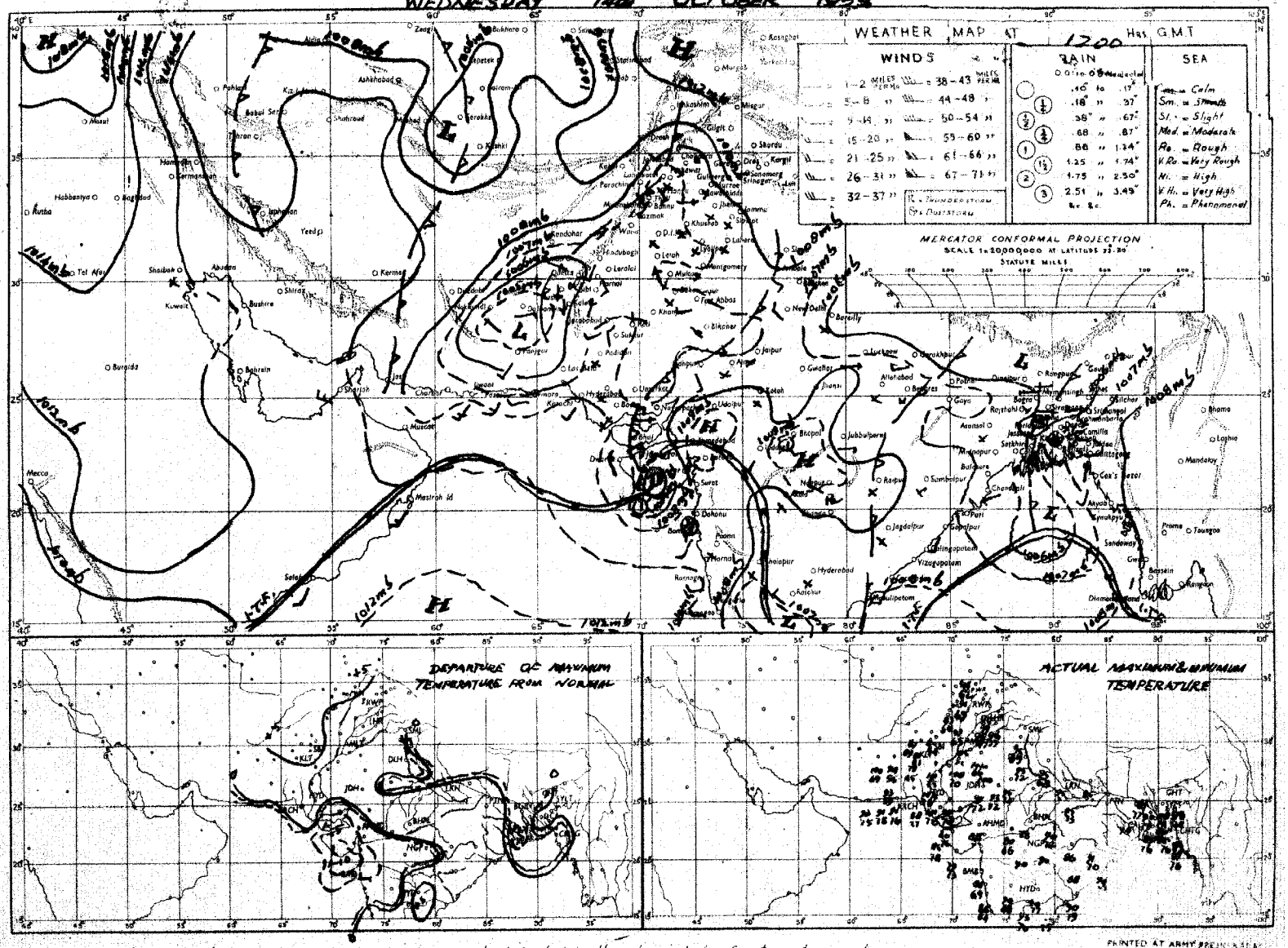
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th OCTOBER 1959



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

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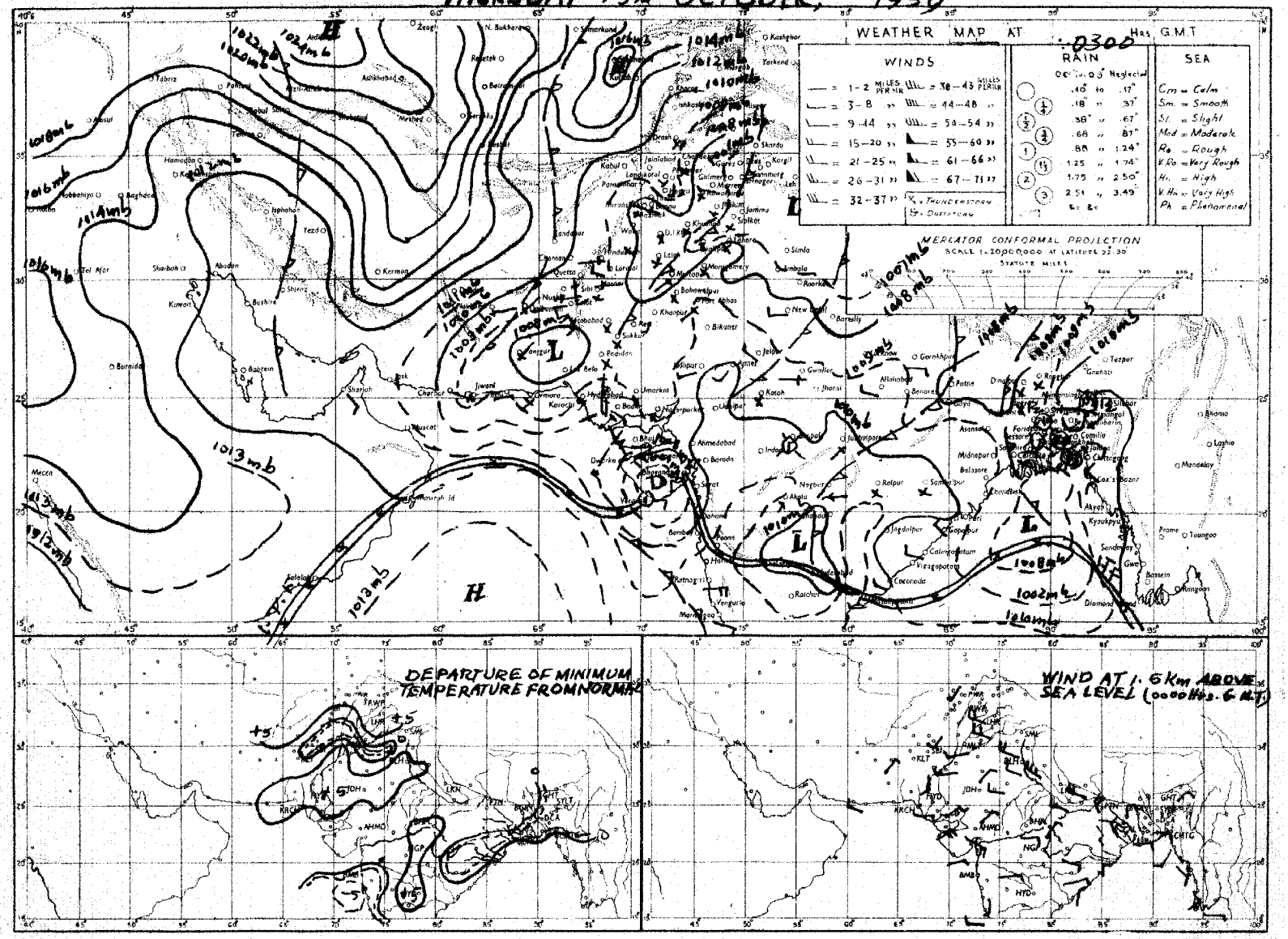
PAKISTAN DAILY WEATHER MAP

THURSDAY 15th OCTOBER, 1950



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 16th OCTOBER, 1959.

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

Observations from ships and Kathiwar Coast are absent but believe yesterday's shallow depression over Kutch and neighbourhood emerged into southeastern sector north Arabian sea last evening, intensified and now lies probably as a deep depression centred at 16,0300 G.M.T. within one degree latitude 20½°N and longitude 68°E. It is likely to intensify further and move slowly in a northwesterly direction.

Yesterday's western disturbance is now moving across east Russian Turkistan with its trough extending to Peshawar division.

Weather remained dry over West Pakistan.

The low over north Bay of Bengal moved in land and now lies over southern parts of west Bengal.

Local rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are:- Dacca 4", Narayanganj 3", Srimangal 3/4", Sylhet and Rangpur ½" each and Brahmanbaria [illegible]

Day temperatures were:- 3—6°F above normal over West Pakistan outside Lahore, Bahawalpur, Khairpur and Hyderabad divisions and were nearly normal in East Pakistan.

Forecast valid until the evening of 17th October, 1959. Fairly widespread rain/thundershowers will occur in East Pak[illegible] thundershowers in Hyderabad division and the Federal Capital Area and scattered in Peshawar and Rawalpindi divisions.

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WEATHER BUREAU

Karachi-11
The 16th October, 1959.

OBSERVATIONS

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

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	20	02	95	01	6	059	81	1	2	7	0	1	75	86	005	4	3	16	02	97	01	6	108	84	1	1	7	5	1	76	75	— 2	+ 2	120.6	+ 7.3	136.4	140
	Chittagong	000	0	2	20	05	97	01	1	035	81	1	1	7	1	0	74	86	000	0	1	13	02	97	02	0	111	83	1	1	7	0	0	76	75	— 1	+ 2	96.6	+15.4	138.6	108
	Maidee Court	000	0	9	18	02	xx	00	0	035	82	9	x	x	x	x	75	88	000	9	4	00	00	97	03	0	114	83	x	x	x	x	x	76	75	+ 1	+ 1	102.8	+13.2	134.6	115
	Comilla	000	0	2	00	00	96	01	0	052	81	2	4	8	5	0	78	89	000	0	8	00	00	97	02	2	111	83	8	4	5	x	x	76	75	0	+ 2	74.9	+ 7.8	100.5	94
	Brahmanbaria	017	2	3	00	00	97	01	6	052	80	3	2	5	0	0	76	78	019	0	3	09	02	97	03	1	115	82	1	1	5	4	0	75	74	—	—	33.5	+ 1.2	79.5	76
	Sylhet	000	0	2	09	02	xx	02	2	047	80	1	1	6	3	0	76	85	047	9	7	09	02	97	02	9	120	76	7	3	6	3	0	73	71	—	—	150.5	—	188.5	—
	Srimangal	001	0	8	00	00	xx	95	2	054	79	8	3	4	1	1	74	81	072	9	7	00	00	97	03	9	118	77	6	3	5	4	x	75	73	— 9	+ 3	73.1	+10.1	105.1	98
Dacca	Mymensingh	000	0	2	00	00	98	01	2	059	79	2	2	6	0	0	74	80	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8					91
	Narayanganj	026	6	1	00	00	xx	01	6	036	82	1	0	8	3	0	75	88	328	9	6	09	05	96	03	6	110	80	6	7	4	0	0	76	71	— 1	— 4	78.7	+27.2	99.0	74
	Dacca (Tejgaon)	021	5	2	00	00	98	02	9	042	79	1	3	8	1	0	77	85	362	9	5	13	02	97	02	9	105	78	5	7	2	0	0	75	71	— —	— —	83.8	—	99.3	—
	Faridpur	000	8	4	16	02	96	01	1	044	81	2	4	8	1	0	77	86	000	9	5	16	02	97	03	0	099	83	5	5	7	0	0	76	73	— 1	— 1	84.1	+34.0	112.4	71
	Barisal	000	0	2	00	00	97	02	2	048	83	2	0	7	4	0	76	87	000	0	5	13	02	97	02	2	108	85	5	0	8	6	0	78	78	— 1	+ 4	115.1	+55.4	129.9	81
Rajshahi	Khulna	000	0	7	00	00	94	01	2	052	83	7	4	6	0	0	79	87	000	0	6	00	00	96	01	2	108	84	6	4	7	0	0	77	77	—	—	49.4	— 2.1	66.8	68
	Satkhira	008	0	6	00	00	94	03	6	052	7[illegible]	6	6	6	0	0	74	89	008	0	4	00	03	96	03	2	107	82	4	6	9	0	0	77	75	— —	+ 3	60.5	+11.3	78.6	65
	Jessore	008	6	6	18	02	96	02	6	054	80	4	4	6	0	0	76	78	008	0	3	09	03	97	01	0	103	81	3	8	6	0	0	77	75	— 11	+ 1	67.9	+21.5	103.8	65
	Sirajganj	000	0	8	00	00	94	02	2	045	79	6	0	9	0	4	78	86	000	0	6	09	02	97	02	2	107	82	4	2	6	0	0	81	74	— —	—	82.6	—	107.4	64
	Bogra	012	7	4	09	02	96	03	9	049	77	2	0	9	3	6	73	86	012	9	6	09	05	96	03	1	111	79	6	4	4	0	0	74	75	— 2	+ 2	54.2	+30.4	104.2	69
	Dinajpur	012	6	4	00	00	xx	02	6	045	79	4	0	9	2	0	73	89	012	0	4	00	00	96	02	2	066	79	4	0	9	2	0	73	73	— 0	+ 1	49.5	— 9.6	66.9	72
	Rangpur	060	5	2	13	02	96	01	6	xxx	77	1	3	6	1	0	71	87	060	0	4	09	02	96	03	0	xxx	77	2	5	6	3	0	74	72	— 2	+ 1	71.8	+ 6.3	91.7	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	049	91	0	0	9	0	0	64	95	000	0	0	00	00	96	02	0	089	77	0	0	9	0	0	62	66	— 1	+ 8	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	050	85	0	0	9	0	0	70	93	000	0	0	00	00	97	02	0	086	82	[illegible]	0	9	0	0	68	71	— 0	+ 10	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	036	87	0	0	9	0	0	67	94	000	0	0	00	00	96	02	0	089	72	0	0	9	0	0	65	66	— —	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	04[illegible]	85	0	0	9	0	0	65	91	000	0	0	07	02	97	00	0	091	71	0	0	9	0	0	63	64	+ 1	+ 8	38.8	+14.9	51.8	36
	Khushab	000	0	0	00	00	99	00	0	028	93	0	0	9	0	0	65	99	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	0	0	61	66	+ 4	+ 4	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	04[illegible]	95	0	0	9	0	0	62	98	000	0	0	00	00	95	00	0	080	68	0	0	9	0	0	61	65	+ 4	+ 4	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	031	92	0	0	9	0	0	60	99	000	0	0	13	03	96	00	0	085	73	0	0	9	0	0	56	66	+ 1	+ 3	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	031	96	0	0	9	0	0	66	99	000	0	0	13	03	98	02	0	072	75	0	0	9	0	0	61	68	+ 4	+ 6	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	00	00	97	05	0	027	99	0	0	9	0	0	54	00	000	0	0	36	02	98	04	0	075	66	0	0	9	0	0	60	61	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	29	02	96	02	0	037	97	0	0	9	0	0	69	00	000	0	0	20	05	96	02	0	081	79	0	0	9	0	0	68	71	—	+ 10	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	27	02	97	00	0	041	91	0	0	9	0	0	68	00	000	0	0	18	09	97	00	0	082	82	0	0	9	0	0	63	70	—	+ 9	5.5	+ 1.3	6.5	6
	Fort Abbas	000	0	0	36	03	98	00	0	105	01	0	0	9	0	0	67	02	—	...	...	—	—	—	...	...	—	...	...	...	...	...	...	...	...	—					4
Peshawar	Chakdara	000	0	0	23	02	99	00	0	043	86	0	0	9	0	0	76	88	000	0	0	00	00	99	00	0	095	67	0	0	9	0	0	65	62	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	05	03	96	05	0	025	88	0	0	9	0	0	61	92	000	0	0	00	00	96	05	0	087	70	0	0	9	0	0	62	65	+ 3	+ 5	9.7	+ 5.1	23.5	14
	Haripur	000	0	0	18	02	97	00	0	008	87	0	0	9	0	0	64	93	000	0	0	31	04	97	02	[illegible]	072	71	0	0	9	0	0	63	67	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	23	02	98	00	0	032	92	0	0	9	0	0	58	93	000	[illegible]	0	18	02	98	00	0	109	70	0	0	9	0	0	62	64	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	020	89	0	0	9	0	0	51	94	000	0	0	34	01	99	00	0	070	7[illegible]	0	0	9	0	0	64	64	—	—	12.4	—	9.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	021	97	0	0	9	0	0	75	98	000	0	0	31	02	98	00	0	078	73	0	0	9	0	0	60	64	+ 4	+ 3	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	05	02	99	02	0	042	00	0	0	9	0	0	37	02	000	0	0	00	00	99	00	0	085	71	0	0	9	0	0	55	68	—	—	4.9	—	5.2	5
	Nokkundi	000	0	0	05	02	99	02	0	026	98	0	0	9	0	0	17	01	000	0	0	0[illegible]	00	99	0	0	078	80	0	0	9	0	0	42	76	—	—	0	—	1.1	2
	Turbat	000	0	0	13	02	95	00	0	025	08	0	0	9	0	0	72	08	000	0	0	09	02	99	00	0	085	77	0	0	9	0	0	67	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	23	14	97	02	0	048	90	0	0	9	0	0	56	93	000	0	0	09	03	97	46	0	075	77	0	5	9	0	0	77	73	—	—	0.3	—	5.9	4
	Pasni	000	0	0	20	03	97	00	0	046	89	0	0	9	0	0	76	93	000	0	7	03	07	97	00	0	076	80	7	4	7	0	0	77	78	+ 1	+ 11	0.6	— 0.3	3.2	6
	Ormara	000	0	0	00	06	98	00	0	000	90	0	0	9	0	0	76	92	000	0	2	09	03	98	01	1	077	8[illegible]	2	0	8	0	0	76	74	—	—	2.1	+ 1.3	4.1	4
	Las Bela	000	0	0	00	00	98	00	0	064	02	0	0	9	0	0	54	02	000	0	0	0[illegible]	xx	98	00	0	080	81	0	0	9	0	0	65	68	—	—	6.6	—	6.8	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	05	98	02	0	052	87	0	0	9	0	0	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	—	...	8
	Karachi (Air Port)	000	0	1	23	09	97	02	0	054	87	1	1	6	0	0	71	95	000	0	0	00	00	96	02	0	088	78	0	0	9	0	0	72	73	+ 2		22.6	—	22.9	—
	Badin	000	0	1	23	02	97	00	0	055	93	0	0	9	0	0	69	97	000	0	0	23	02	96	00	0	092	82	0	0	9	0	0	78	79	—	+ 11	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	4	00	00	98	02	2	061	92	4	6	7	0	0	65	95	000	0	0	00	00	98	00	0	094	86	0	0	9	0	0	65	80	—	—	30.5	—	30.5	—
	Umarkot	000	0	4	23	03	98	00	0	044	93	4	2	6	0	0	69	97	000	0	0	23	03	98	00	0	086	80	0	0	9	0	0	70	72	—	—	18.9	—	19.7	—
	Hyderabad	000	0	3	18	02	97	03	0	055	93	3	3	8	6	0	69	97	000	0	0	18	02	97	02	0	090	81	0	0	9	0	0	73	77	— 0	+ 7	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	1	18	02	97	02	0	045	99	1	1	6	0	0	52	02	000	0	0	16	07	97	02	0	071	79	0	0	9	0	0	69	73	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	18	05	97	01	0	054	97	1	1	6	0	0	73	00	000	0	0	18	05	97	02	0	086	81	0	0	9	0	0	75	74	—	—	6.4	—	7.1	4
	Sukkur	000	0	0	34	03	96	00	0	045	90	0	0	9	0	0	65	01	000	0	0	20	03	96	00	0	076	78	0	0	9	0	0	71	75	—	—	3.5	—	4.6	—
	Kashmore	000	0	0	18	05	99	00	0	038	96	0	0	9	0	0	49	00	000	0	0	xx	xx	99	00	0	082	81	[illegible]	0	9	0	0	67	70	— —	—	2.0	—	2.1	—
	Jacobabad	000	0	0	23	03	97	02	0	044	97	0	0	9	0	0	57	99	000	0	0	13	03	97	02	0	077	79	0	0	9	0	0	70	72	0	+ 8	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								26
	Srinagar																																								—
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Miesar																																								—
	Aliabad																																								5
	Gilgit																																								59
Rawalpindi	Murree	000	0	0	27	02	98	00	0	473	62	0	0	9	0	0	62	65	000	0	0	27	02	98	00	0	503	56	0	0	9	0	0	42	60	— 2	+ 1	52.5	+15.8	77.7	18
Peshawar	Drosh	000	0	0	00	00	98	02	0	435	84	0	0	9	0	0	19	90	000	0	0	00	00	98	02	0	499	62	0	0	9	0	0	34	61	+ 12	+ 9	1.5	—	30.7	28
	Chitral	000	0	0	00	03	98	00	0	470	77	0	0	9	0	0	69	83	000	0	0	09	02	98	00	0	494	62	0	0	9	0	0	56	61	+ 4	+ 4	20.9	+ 8.6	30.9	29
	Kakul	000	0	0	16	05	99	00	0	471	75	0	0	9	0	0	54	82	000	3	1	00	00	96	01	0	498	67	1	1	7	0	0	52	62	— —	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	16	02	98	00	0	454	86	0	0	9	0	0	41	88	000	0	0	00	00	98	00	0	480	67	0	0	9	0	0	56	xx	— —	—	3.8	—	18.9	—
D. I. Khan	Parachinar	000	0	0	13	12	99	00	0	299	76	0	0	9	0	0	76	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Miranshah	000	0	0	00	05	99	00	0	455	86	0	0	9	0	0	43	88	000	0	0	00	00	99	00	0	484	68	0	0	9	0	0	43	62	— —	— 0.8	4.0	—	7.0	13
	Wana	000	0	0	09	03	99	00	0	445	85	0	0	9	0	0	xx	96	000	0	0	00	00	99	00	0	470	56	0	0	9	0	0	25	48	— —	—	3.1	—	14.1	—
	Fort Sandaman	000	0	0	00	00	98	02	0	467	86	0	0	9	0	0	16	87	000	0	0	00	00	97	02	0	486	70	0	0	9	0	0	20	55	+ 5	+ 6	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	29	06	98	00	0	431	82	0	0	9	0	0	49	82	000	0	0	27	03	98	00	0	476	50	0	0	9	0	0	40	58	— —	—	4.6	—	12.6	—
	Loralai	000	0	0	13	03	98	00	0	407	81	0	0	9	0	0	50	87	000	0	0	27	03	98	00	0	378	57	0	0	9	0	0	25	49	— —	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	00	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	— —	+ 0.9	8.4	+ 3.6	12.7	14
	Quetta	000	0	0	00	00	96	00	0	459	79	0	0	9	0	0	41	81	000	0	0	00	00	94	00	0	499	66	0	0	9	0	0	43	42	+ 6	—	4.7	+ 1.1	10.2	8
	Chaman	000	0	0	27	02	97	00	0	475	86	0	0	9	0	0	27	88	000	0	0	09	01	97	00	0	494	72	0	0	9	0	0	32	63	+ 9	+ 11	0.1	— 0.1	6.2	7
	Kalat	000	0	0	34	05	98	02	0	486	74	0	0	9	0	0	51	80	000	0	0	18	05	98	02	0	519	61	0	0	9	0	0	42	44	+ 5	+ 5	6.3	+ 5.1	11.0	5
	Nushki	000	0	0	31	02	98	02	0	559	92	0	0	9	0	0	38	93	000	0	0	09	11	98	02	0	545	76	0	0	9	0	0	56	68	— —	—	1.1	—	2.9	—
Afghanistan	Dalbandin	000	0	0	13	03	98	02	0	489	94	0	0	9	0	0	35	94	000	0	0	05	02	98	02	0	473	59	0	0	9	0	0	37	55	+ 4	+ 6	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	31	02	98	00	0	492	90	0	0	9	0	0	41	91	000	0	0	05	02	98	00	0	487	65	0	0	9	0	0	29	59	+ 4	+ 5	2.5	—	4.1	12
	Kabul	000	0	0	36	02	99	00	0	480	74	0	0	9	0	0	55	81	000	0	0	18	02	99	00	0	555	49	0	0	9	0	0	36	40	—	—	—	—	—	—
	Kandahar																																								

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 16th OCTOBER, 1959.

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	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$I_dwd_wP_wH_w$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Presedent	53 197	717 06	8 20 10	96 51 5	071 80	85 0 xx	77 73 4	...	0 51 77	1 25 23
Dondocsax	23 240	587 12	0 33 10	98 00 0	058 90	00 9 00	75 71 5	—	0 04 88	1 33 xx
Presedent	53 211	699 12	8 07 20	97 00 6	014 76	87 3 xx	77 50 0	—	0 00 73	1 07 34
Roma	53 097	729 12	2 31 04	99 01 0	060 82	12 2 50	66 60 5	—	0 54 70	1 31 20
Cheverny	53 152	517 15	7 11 02	98 03 1	101 81	34 5 00	25 31 0	—	0 52 72	1 11 21
Roma	53 099	713 18	3 31 04	98 01 0	074 81	10 2 00	66 20 0	...	0 54 21	1 31 20
Dalila	53 048	513 18	3 12 10	98 02 0	092 81	32 5 00	26 11 3	...	0 56 75	1 12 21
Tingumaru	53 168	652 18	3 29 16	97 02 1	086 81	31 3 00	76 01 1	..	0 01 75	1 10 68

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	008 25x 23x	078 245 215	...	420 148 128	...	096 048 022	341 510 999	777 595 999	475 685 999	956 828	229 028	..	
Jiwani ...														
Karachi ...	00 00	004 245 228	157 252 232	...	450 215 235	..	127 108 999	333 032 999	857 510 999	579 632 999	974 752	255 953	449 282	...
Lahore ...	00 00	Misda	...			..		...	...		...	...	...	
Multan ...														
Peshawar ...														
Quetta ...	00 00	Misda	..	...	..	...	..	...	..	..	..	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	800 025 412	618 252 098		...	...	...	..	...	...	618 252 098	...	..
Jiwani ...													
Karachi ...	00 00	900 238 035	800 182 588	...	...	...	-	...	...	—	800 182 588	...	...
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 oC.)
Sc-Character of tropopause.

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	9.8	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9[illegible]
	At 600 hrs. G.M.T. of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	11 07	11 11	10 11	08 10	06 03	03 05	...	...	...	...	...
Chaklala ...	..	—	—	...	...	...	..	—	—	..	..
Chhor ...				—	—	—	...	...	—	..	..
Chittagong ...	15 03	16 06	14 09			...		—	—	...	.
Cox's Bazar ...	18 03	13 04	13 08	15 11	15 14		..	...	...	...	—
Dacca ...	—	—									
Dalbandin ...	—	—	06 01	03 05	01 01	.1 09	01 15	08 02	21 09	21 08	.
D. I. Khan ...	..	—	—	—							
Drosh ...	—	—	—	—	06 01	31 01	34 01	32 04	32 07	31 09	28 [illegible]
Fort Sandeman ...		—		22 04	22 03	16 04	20 05	34 05	28 11	28 18	30 [illegible]
Jacobabad ...	19 10	19 12	19 12	20 10	25 02	07 05	08 14	04 10	04 03	01 05	01 [illegible]
Jessore ...	23 07	22 15	21 19	20 11	19 09	05 03					
Jhelum ...	11 03	13 05	13 05	23 04	25 03	30 09	27 04	31 06	31 15	30 12	30 [illegible]
Jiwani ...	13 05	07 04	35 08	33 08							
Karachi ...	15 02	13 06	10 04	07 06	10 08	08 15	08 17	09 12	06 18	07 18	08 [illegible]
Khanpur ...	23 14	24 14	24 14	19 11	18 03	20 05	30 05	09 09	01 09	36 09	36 [illegible]
Lahore ...	19 04	19 08	20 07	20 05	26 11	29 11	34 15	36 06	34 09	35 12	32 [illegible]
Multan ...	..	—	...	—	..	...	...	...		...	
Muscat ...	—	—	—	—	.	...	...			—	
Panjgur ...	—										
Peshawar ...	—	36 08	35 08	34 03	25 04	26 16	36 13	29 11	29 10	29 20	26 [illegible]
Quetta ...	—		..	..	34 13	03 03	05 02	26 10	28 10	28 14	29 [illegible]
Shahjah ...									..		
Sylhet ...	12 06	11 06	10 05	13 06	17 08	19 10	22 08	23 06	...	—	..
Veraval ...	—	...	..	...			...				

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.x	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	16 09	16 04	16 06	21 09	20 06	24 10	22 13	19 16	19 12	26 09	26 19	25 22	26 27	28 23	..	...	..
Karachi ...	28 12	04 12	09 09	09 06	08 07	05 19	04 26	06 14	05 16	05 17	07 22	05 19	04 22	04 23	...	—	—	...
Peshawar ...	Misda	—	...	..			.		...	..	...		...	...	..	...	...	
Quetta ...																		

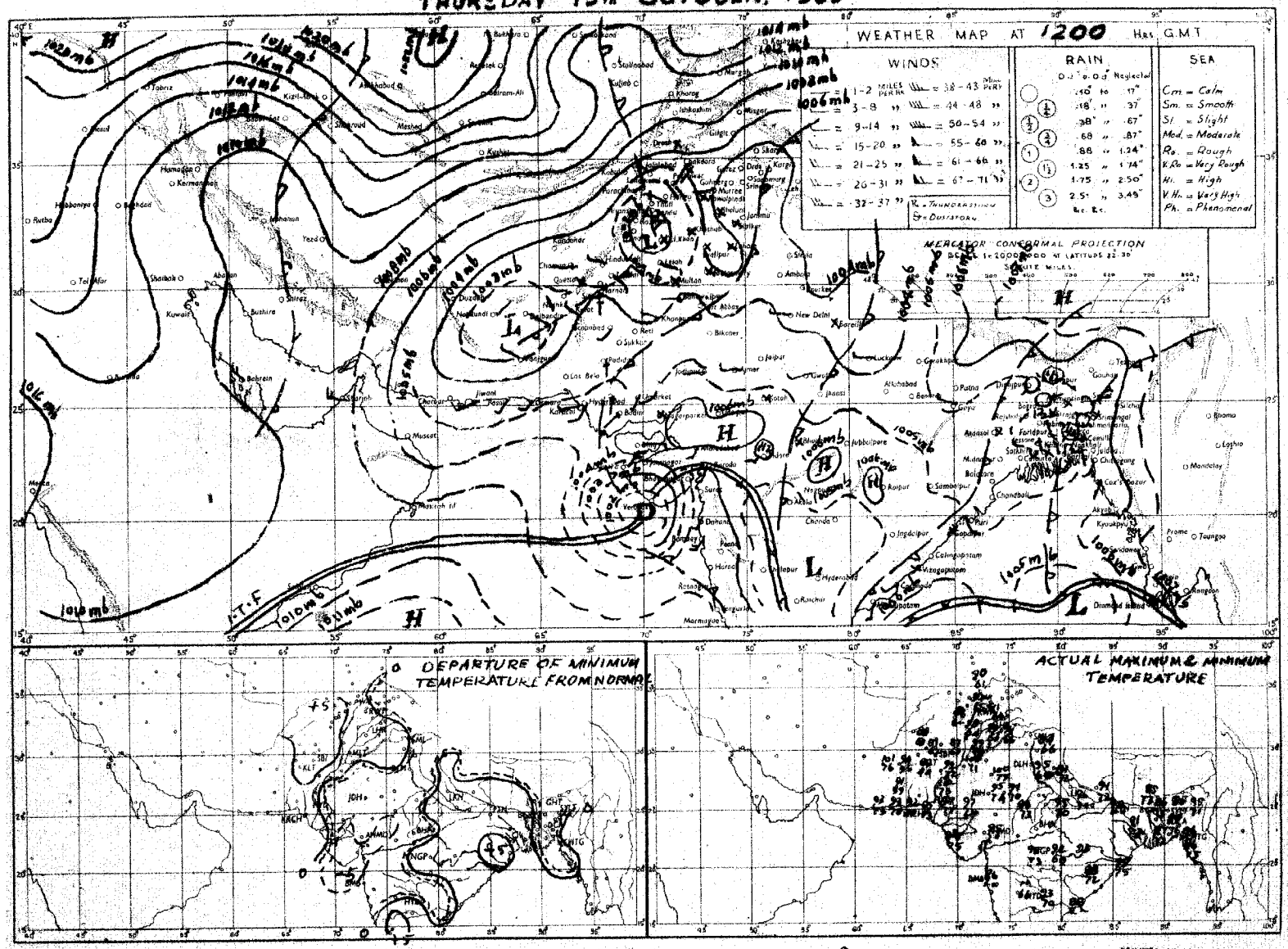
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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 15th OCTOBER, 1959



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

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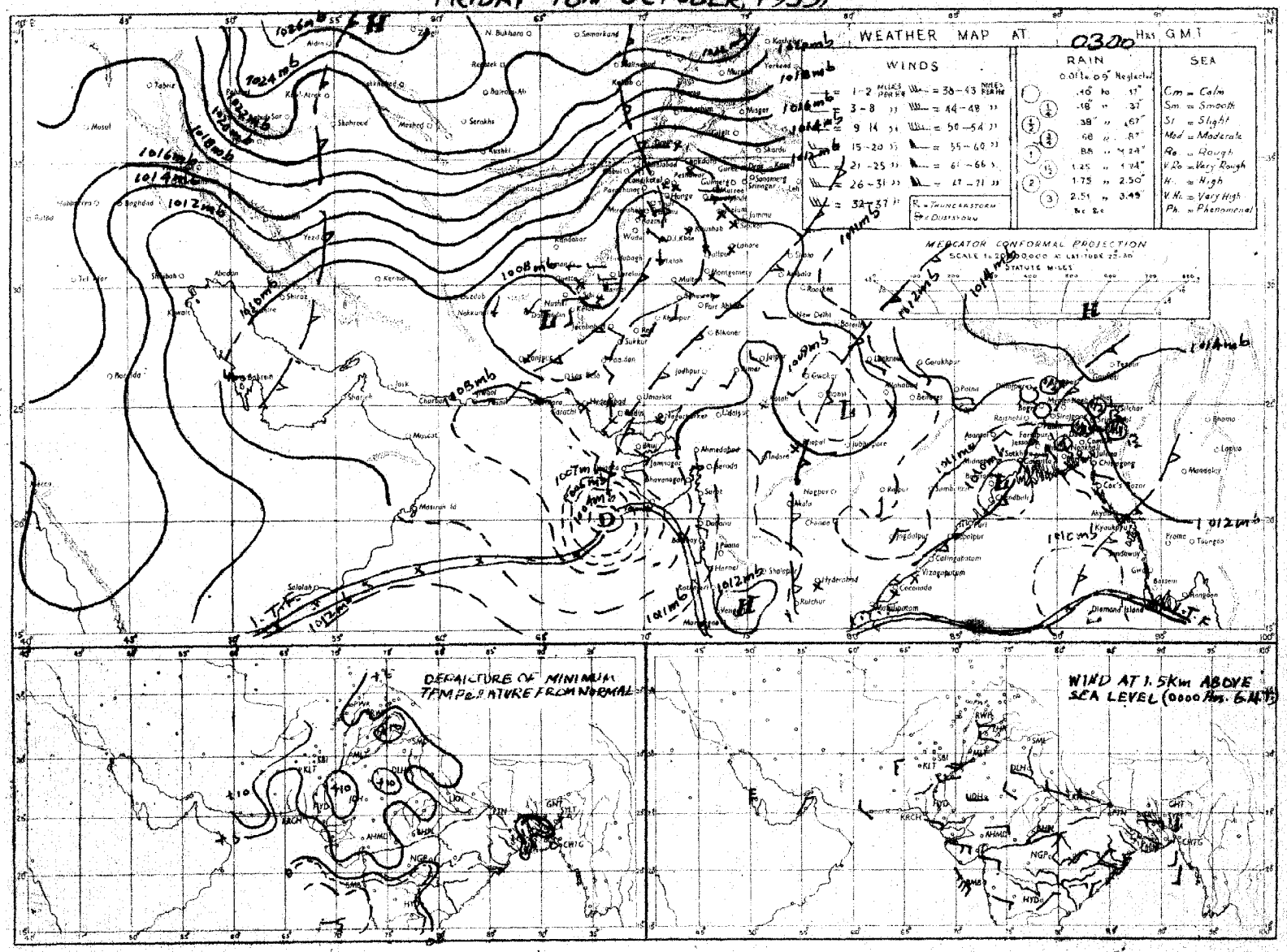
PAKISTAN DAILY WEATHER MAP

FRIDAY 16th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 17th OCTOBER, 1959.

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

Observations from ships are absent but believe yesterday's deep depression in north Arabian Sea moved westwards and is centered at 17,0300 G.M.T. within one degree of latitude 20½°N and longitude 66°E. It is likely to intensiby and move in a westnorthwesterly direction.

Yesterday's western disturbance over East Russian Turkistan is moving away eastwards with its trough extending to Lahore division.

Weather remained dry over West Pakistan.

Yesterday's low over southern parts of west Bengal has become unimportant, while a low pressure wave is now moving across sub-Himalayan west Bengal.

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

Chief amounts of rainfall are:- Khulna 2" Barisal 1"; Brahamanbaria and Srimangal 3/4" each; Dacca and Satkhira ½" each; and Mymensingh ¼".

Day temperatures were:- 3—8°F above normal over West Pakistan outside Rawalpindi, D. I. Khan, Hyderabad and Coastal Kalat divisions.

Forecast valid until the evening of 18th October, 1959. Thunderstorms/showers will be local in East Pakistan and scattered in south Kalat divisions.

Karachi-11
The 17th October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	4	1	07	02	95	01	9	049	80	0	0	7	6	0	72	88	000	3	2	02	03	97	02	9	138	86	1	3	6	5	0	75	75	+ 1	+ 2	120.6	+ 7.1	136.4	148
	Chittagong	000	0	0	00	00	97	01	1	090	84	1	0	9	1	0	71	88	000	0	6	07	05	97	02	2	142	84	6	2	6	0	0	77	75	+ 1	+ 2	36.6	+15.3	128.6	109
	Maijdee Court	000	9	9	03	00	xx	01	0	064	83	9	x	0	x	x	76	88	000	9	2	36	00	98	01	0	138	84	2	2	6	0	0	75	76	+ 2	+ 2	103.0	+ 13.0	134.6	115
	Comilla	000	0	5	00	00	94	00	0	055	84	5	4	5	0	0	78	90	000	0	0	00	00	97	00	0	133	82	0	0	9	0	0	75	75	+ 2	+ 2	74.9	+ 7.5	100.9	94
	Brahmanbaria	000	0	3	00	00	97	03	1	048	82	3	4	5	0	0	78	86	042	0	3	05	02	97	01	1	139	79	1	5	5	4	0	75	72	—	—	53.9	+ 1.5	79.9	76
	Sylhet	000	0	2	00	00	xx	00	0	084	81	1	1	6	3	0	75	82	015	7	7	09	02	96	95	9	143	71	3	3	5	2	0	69	70	—	—	150.7	—	188.6	—
	Srimangal	014	7	3	00	00	xx	01	9	089	75	8	3	5	3	0	73	87	070	9	7	00	00	96	17	9	141	74	6	3	4	4	x	70	70	— 3	— 0	73.8	+10.6	105.8	98
Dacca	Mymensingh	027	7	2	00	00	98	01	6	091	83	0	0	9	0	4	75	85	027	0	3	13	02	98	01	1	137	79	3	4	5	0	0	72	71	— 2	— 3	88.8	+21.5	110.4	91
	Narayanganj	000	9	3	00	00	xx	03	1	081	82	1	2	5	0	8	75	89	000	9	1	09	03	96	01	1	137	82	1	1	5	0	0	75	75	+ 1	— 0	78.7	+27.0	98.9	74
	Dacca (Tejgaon)	000	9	5	00	00	98	03	2	081	81	4	3	5	3	0	77	85	066	9	2	09	05	97	01	9	132	80	1	1	5	4	0	74	72	—	—	84.4	—	99.9	—
	Faridpur	000	8	5	16	02	96	02	2	083	82	5	4	7	0	0	76	87	011	3	5	09	03	97	03	2	133	82	5	4	7	0	0	76	71	— 0	— 3	84.2	+33.9	112.5	71
	Barisal	115	3	2	00	00	96	01	6	084	83	0	6	6	0	0	78	88	115	4	6	13	02	97	03	6	078	85	4	0	8	4	3	76	78	+ 1	+ 4	116.3	+56.4	131.1	81
Rajshahi	Khulna	100	7	7	00	00	94	01	6	087	82	7	5	6	0	0	76	88	201	0	7	00	00	97	02	0	135	83	7	4	6	0	0	77	76	+ 1	+ 3	51.5	— 0.2	66.8	68
	Satkhira	048	0	8	00	00	94	03	6	086	79	x	x	6	x	x	77	88	048	0	6	00	01	95	03	2	131	85	6	6	8	0	0	76	75	— 1	+ 3	68.0	+11.6	79.1	65
	Jessore	000	0	6	18	02	96	03	2	088	80	4	4	5	0	0	73	87	000	0	5	09	03	97	03	0	132	81	5	8	6	0	0	77	75	— 2	+ 1	67.9	+21.3	103.8	65
	Sirajganj	000	6	1	00	01	93	03	1	072	81	1	1	5	0	0	81	87	000	0	1	13	02	98	01	1	128	83	1	1	4	0	0	83	72	— 0	— 1	82.0	+34.3	107.4	64
	Bogra	000	0	5	09	02	96	03	1	081	83	5	4	6	0	0	76	85			2															— 2					99
	Dinajpur	000	0	0	00	00	xx	00	0	068	83	0	0	9	0	0	73	90	000	0	0	00	00	96	00	0	113	83	0	0	9	0	0	74	74	+ 3	+ 2	49.5	— 9.8	66.9	72
	Rangpur	000	0	3	03	00	96	01	1	xxx	82	2	4	6	1	0	75	86	000	0	3	09	02	96	03	0	xxx	80	3	5	6	0	0	74	74	— 1	+ 3	71.8	+ 6.0	91.7	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	082	92	0	0	9	0	0	70	97	000	0	0	00	00	96	02	0	130	79	0	0	9	0	0	63	65	+ 3	+ 7	21.8	+ 7.2	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	076	88	0	0	9	0	0	67	93	000	0	0	00	00	97	00	0	126	79	0	0	9	0	0	67	70	+ 1	+ 9	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	079	89	0	0	9	0	0	46	94	000	0	0	00	00	96	02	0	130	72	0	0	9	0	0	64	66	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	97	00	0	069	91	0	0	9	0	0	69	94	000	0	0	00	00	97	00	0	129	70	0	0	9	0	0	61	63	—	+ 7	38.8	+14.9	51.8	36
	Khushab																		000	0	0	00	00	99	00	0	125	77	0	0	9	0	0	63	67	0	+ 5	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	074	92	0	0	9	0	0	56	97	000	0	0	00	00	96	03	0	133	70	0	0	9	0	0	75	67	+ 4	+ 6	14.5	+ 5.3	17.3	13
	Montgomery	000	0	0	00	00	96	00	0	072	94	0	0	9	0	0	69	99	000	0	1	11	11	96	00	0	127	72	0	0	9	0	0	60	67	+ 3	+ 4	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	058	97	0	0	9	0	0	65	98	000	0	0	00	00	98	02	0	125	76	0	0	9	0	0	62	70	+ 4	+ 8	5.9	0	8.0	7
Bahawalpur	Leiah	000	0	0	18	01	97	05	0	053	96	0	0	9	0	0	67	98	000	0	0	36	01	98	00	0	120	69	0	0	9	0	0	61	62	—	—	5.0	—	6.9	8
	Khanpur	000	0	1	00	00	96	03	0	067	95	1	1	8	0	0	71	99	000	0	0	00	00	96	01	0	117	81	0	0	9	0	0	68	72	+ 4	+ 11	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	071	97	0	0	9	0	0	76	98	000	0	0	00	00	97	00	0	118	85	0	0	9	0	0	64	70	+ 2	+ 9	5.5	+ 1.3	6.5	4
	Fort Abbas																																								—
Peshawar	Chakdara	000	0	0	00	00	99	00	0	085	84	0	0	9	0	0	77	88	000	0	0	00	00	96	00	0	128	68	0	0	9	0	0	58	60	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	02	05	96	05	0	075	87	0	0	9	0	0	63	89	000	0	0	00	00	96	05	0	135	70	0	0	9	0	0	59	65	+ 2	+ 5	9.7	+ 5.1	23.5	14
	Haripur	000	0	0	18	00	98	00	0	087	90	0	0	9	0	0	55	94	000	0	0	18	00	98	00	0	161	74	0	0	9	0	0	61	64	—	—	22.0	—	35.9	—
	Campbellpur																																								—
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	063	89	0	0	9	0	0	56	94	000	0	0	29	01	99	00	0	125	75	0	0	9	0	0	54	68	—	—	12.4	—	9.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	054	92	0	0	9	0	0	67	93	000	0	0	00	00	98	00	0	126	74	0	0	9	0	0	61	65	0	+ 4	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	18	02	99	00	0	059	00	0	0	9	0	0	48	02	000	0	0	00	00	99	00	0	132	74	0	0	9	0	0	57	71	—	—	5.0	—	5.2	5
	Nokkundi	000	0	0	07	02	99	02	0	037	97	0	0	9	0	0	31	01	000	0	0	23	02	99	02	0	139	69	0	0	9	0	0	20	66	—	—	0	—	1.1	2
	Turbat	000	0	0	09	02	96	00	0	060	00	0	0	9	0	0	75	xx	000	0	0	09	02	95	00	0	128	77	0	0	9	0	0	72	xx	—	—	2.9	—	7.3	—
	Hwasi	000	0	4	13	09	97	02	1	068	86	4	4	4	0	0	76	91	000	0	4	09	07	97	02	0	117	79	4	6	4	0	0	76	77	—	—	8.3	—	5.9	4
Kalat	Panjgur	000	0	0	11	05	97	00	0	070	94	0	0	9	0	0	78	87	000	0	4	07	03	97	00	0	121	82	4	0	9	0	8	76	77	— 5	+ 10	0.6	— 0.3	3.2	6
	Ormara	000	0	0	18	09	98	00	0	070	86	0	0	9	0	0	76	91	000	0	0	09	03	98	00	0	120	80	0	0	9	0	0	73	75	—	—	2.1	+ 1.3	4.1	6
	Las Bela	000	0	0	00	00	98	00	0	059	99	0	0	9	0	0	56	02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	25	10	98	01	1	077	88	0	0	9	0	1	80	91	000	0	0	00	00	94	10	0	131	82	0	0	9	0	0	78	79	+ 3	+ 6	16.5	+10.4	16.5	8
	Karachi (Air Port)	000	0	1	20	09	97	02	0	076	87	1	1	6	0	0	75	93	000	0	1	00	00	97	03	0	124	81	1	1	6	0	0	73	75	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	97	00	0	074	92	0	0	9	0	0	76	95	000	0	0	23	02	96	00	0	128	81	0	0	9	0	0	74	78	— 0	+ 10	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	0	18	02	98	00	0	074	94	0	0	9	0	0	67	96	000	0	0	00	00	98	00	0	126	87	0	0	9	0	0	77	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	2	03	05	98	00	0	069	94	2	1	6	0	0	64	99	000	0	0	01	02	98	00	0	121	82	0	0	9	0	0	73	74	—	—	28.9	—	19.7	—
	Hyderabad	000	0	1	20	05	97	02	0	079	92	1	8	6	0	0	69	95	000	0	0	00	00	97	02	0	128	81	0	0	9	0	0	75	78	— 3	+ 8	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	1	18	07	97	01	0	079	95	1	1	6	0	0	58	98	000	0	0	13	03	97	01	0	126	80	0	0	9	0	0	69	71	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	18	09	97	03	0	071	93	1	2	6	0	0	73	97	000	0	0	00	00	97	02	0	131	81	0	0	9	0	0	73	73	—	—	6.4	—	7.1	—
	Sukkur	000	6	4	20	03	96	03	1	066	95	4	0	9	6	0	70	00	000	9	0	20	03	96	00	0	124	83	0	0	9	0	0	71	76	—	—	3.6	—	4.6	—
	Kashmore	000	0	0	27	05	99	00	0	066	97	0	0	9	0	0	62	98	000	0	0	xx	00	99	00	0	125	95	0	0	9	0	0	68	69	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	03	97	02	0	069	96	0	0	9	0	0	57	99	000	0	0	05	02	97	02	0	123	79	0	0	9	0	0	69	74	+ 2	+ 10	3.8	+ 1.5	4.5	4
Junagadh																																									20
Afghanistan	Jalalabad																																								—
Aden	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								
	Srinagar																																								26
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Miagar																																								—
	Aliabad																																								5
	Gilgit																																								—
Rawalpindi	Murree	000	0	0	00	00	98	00	0	508	63	0	0	9	0	0	49	66	000	0	0	9	09	98	00	0	453	65	0	0	9	0	0	44	51	+ 1	+ 2	52.5	+15.8	77.7	59
Peshawar	Drosh	000	0	0	23	10	98	02	0	474	80	0	0	9	0	0	42	89	000	0	0	00	00	98	02	0	537	63	0	0	9	0	0	46	42	+ 13	+ 10	15.0	—	30.7	18
	Chitral	000	0	0	18	01	98	00	0	504	76	0	0	9	0	0	66	80	000	0	0	23	00	98	00	0	531	63	0	0	9	0	0	56	61	+ 4	+ 4	20.9	+ 8.6	30.8	29
	Kakul	000	8	1	23	02	97	01	0	505	77	1	1	7	0	0	72	82	000	0	0	09	00	99	02	0	535	67	0	0	9	0	0	49	61	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	13	02	98	00	0	488	78	0	0	9	0	0	48	83	000	0	0	00	00	98	00	0	536	67	0	0	9	0	0	50	xx	—	—	3.8	—	18.9	—
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	802	77	0	0	9	0	0	70	xx	000	0	0	00	00	99	00	0	521	67	0	0	9	0	0	42	xx	—	—	—	—	—	29
	Miranshah	000	0	0	00	00	98	02	0	489	87	0	0	9	0	0	25	90	000	0	0	00	00	99	00	0								42	62	—	—	4.0	— 0.8	7.0	12
	Wana	000	0	6	25	08	96	00	0	439	88	0	0	9	0	0	50	81																							
Quetta	Fort Sandeman	000	0	6	00	00	98	02	0	489	87	0	0	9	0	0	25	90	000	0	0	00	00	97	02	0	535	67	0	0	9	0	0	39	60	+ 8	+ 11	7.2	+ 2.2	18.0	11
	Hindubagh	000	0	0	25	08	96	00	0	439	81	0	0	9	0	0	50	81	000	0	0	27	03	98	00	0	502	55	0	0	9	0	0	35	54	—	—	4.6	—	12.6	—
	Loralai	000	0	0	16	05	98	00	0	386	80	0	0	9	0	0	65	85	000	0	0	27	03	98	00	0	523	55	0	0	9	0	0	32	59	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.9	12.7	14
	Quetta	000	8	0	00	00	96	00	0	453	80	0	0	9	0	0	46	83	000	0	0	18	03	95	00	0	530	60	0	0	9	0	0	46	43	—	—	4.7	+ 3.6	10.2	9
	Chaman	000	0	0	23	02	97	00	0	489	86	0	0	9	0	0	36	89	000	0	0	09	02	97	00	0	522	62	0	0	9	0	0	31	62	+ 10	+ 10	0.2	— 0.1	6.2	7
Kalat	Kalat	000	0	0	34	03	98	02	0	451	75	0	0	9	0	0	19	81	000	0	0	18	06	98	02	0	519	61	0	0	9	0	0	42	44	+ 4	+ 5	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	31	09	98	02	0	571	93	0	0	9	0	0	47	93	000	0	0	00	00	98	02	0	581	75	0	0	9	0	0	55	67	—	—	1.1	—	2.9	—
Afghanistan	Dalbandin	000	0	0	13	05	98	02	0	497	93	0	0	9	0	0	36	95	000	0	0	00	06	98	02	0	508	63	0	0	9	0	0	19	57	+ 8	+ 8	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	00	98	00	0	497	92	0	0	9	0	0	28	93	000	0	0	00	00	98	00	0	517	66	0	0	9	0	0	34	59	+ 7	+ 5	2.5	—	4.1	4
	Kabul	000	0	0	36	03	99	00	0	504	74	0	0	9	0	0	56	78	000	0	0	00	00	99	00	0	588	49	0	0	9	0	0	41	44			—	—	—	12
	Kandahar																																								—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 17th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$ Ch$_s$ h$_s$	O T$_s$T$_s$ T$_d$ T$_d$	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dalila	63 161	537 03	2 24 12	98 02 0	106 79	23 5 00	14 22 1	...	0 57 77	1 24 20
Dalila	63 165	544 06	2 24 10	98 02 0	118 82	22 5 60	16 11 0	...	0 54 75	1 24 20
Cheverney	63 169	550 06	0 28 11	98 02 0	127 79	00 9 00	25 11 2	...	0 52 75	1 28 21
Molen Kerk	63 222	684 06	2 09 13	98 01 0	082 81	00 9 08	75 10 9	...	0 03 77	1 09 70
Cheverney	63 173	556 05	0 22 17	98 02 0	110 84	00 9 00	25 71 7	...	0 06 75	1 22 22
Bornes	63 246	589 06	0 32 12	98 03 2	070 90	00 9 00	35 21 2	...	0 03 79	1 35 22
Dalila	63 170	552 09	1 21 10	98 01 0	092 86	12 6 00	16 72 4	...	0 52 79	1 21 x0
Dalila	63 179	568 12	1 24 08	98 02 0	080 81	00 9 01	16 20 5	..	0 06 75	1 24 21
Tala Mudra	63 163	610 12	3 26 09	98 02 0	090 85	31 3 00	...	..		...
Roma	63 104	664 12	4 30 04	98 02 0	081 82	31 2 30	66 00 0	..	0 52 73	1 31 20
Udomaru	63 193	655 12	9 36 15	98 03 2	050 79	72 5 51	35 64 2	...	0 02 75	1 06 45
Bornes	63 235	580 12	0 32 10	98 00 0	038 90	00 9 00	35 71 4	..	0 02 79	1 32 xx
Tingumaru	63 221	616 12	1 05 05	98 02 0	078 84	00 9 01	76 50 3	..	0 05 77	...
Udomaru	63 184	667 18	7 23 25	98 01 6	043 77	96 5 7x	35 22 5	..	0 54 73	1 25 65
Dalila	63 183	574 18	0 21 10	98 02 0	083 75	00 9 00	16 00 3	..	0 53 75	1 21 21
Molen Kerk	63 240	671 18	0 17 04	98 01 0	107 82	00 9 00	73 20 9	..	0 51 81	1 17 21
Talamuru	63 165	622 18	4 26 09	98 03 0	094 83	42 3 90	..	...		...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	010 242 222	002 230 090	...	490 162 115	...	126 065 018	375 508 999	811 595 999	510 478 999	960 818	226 005	..	
Jiwani ...														
Karachi ...	00 00	008 252 222	092 242 222	...	500 212 158	..	149 078 052	409 045 999	870 535 999	590 665 999	969 795	246 025	427 128	...
Lahore ...	00 00	Misda	...	...	...	..		...	...			...	...	
Multan ...														
Peshawar ...														
Quetta ...	00 00	971 212 182	..	...	495 212 145		151 072 005	407 008 575	850 568 665	544 568 999	964 805	242 970	428 088	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 288 155	800 132 092		...	..	...	..	...	...	800 132 092	...	..
Jiwani ...													
Karachi ...	00 00	900 205 172	800 155 112	...	..	...	...	..	...	...	800 155 112	...	...
Lahore ...	00 00	Misda		..	...						...	...	
Multan ...													
Peshawar ...													
Quetta ...	00 00	900 228 192	800 150 080	350 078 298		..	.	...	...	.	350 078 298	...	.

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

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

UPPER WIND DATA*

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

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

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 06	14 06	16 08	16 04	12 03	28 03	25 03	30 12	32 04	36 03	—
Chaklala ...	..	—	—	...	—	—	..	—	...	...	...
Chhor ...	18 04	20 01	23 04	16 09	17 12	17 12	17 09	17 06	-	..	—
Chittagong ...											
Cox's Bazar ...	...								...	...	—
Dacca ...	11 04	13 08	13 07	13 02	13 04	17 04	19 03	27 08	28 11	27 19	...
Dalbandin ...	—	—	08 10	10 11	06 06	35 12	35 14	35 07	30 03	21 05	24 18
D. I. Khan ...	.	—	—								...
Drosh ...	...	...	—	—	20 05	22 08	19 07	22 12	18 10		
Fort Sandeman ...	..	...	—	26 03	13 02	24 08	25 10	27 13	27 22	27 27	27 31
Jacobabad ...	19 05	19 04	19 06	20 08	19 07	06 12	05 08	17 02	25 05	27 07	29 07
Jessore ...	09 04	10 06	10 07	11 05	15 06		...	...	...	...	
Jhelum ...	22 02	24 02	24 05	29 06	24 09	33 09	...	...	...		..
Jiwani ...	09 10	08 12	09 11	09 12	07 15	07 20	...		...	...	...
Karachi ...	10 04	13 10	13 15	13 17	11 17	11 16	...	—	-	...	...
Khanpur ...	26 14	28 14	27 04	23 13	08 13	33 05	32 04				
Lahore ...	21 04	25 05	31 03	29 07	31 01	35 10	30 08	29 15	28 20	28 13	29 21
Multan ...	26 03	23 05	23 09	13 07	31 06	28 13	28 13	.			
Muscat ...	-	.	...			...	...	...		...	
Panjgur ...	...	...	...	...		...	...	.			...
Peshawar ...	...	...	...				...				
Quetta ...	..	..			21 13	17 03	19 07	28 08	24 10	24 17	...
Sharjah ...										..	
Sylhet ...	04 03	07 03	17 04	22 12	20 16	18 13	21 10	21 16	—		.
Veraval ...	..	...	..	...		.	...	...	...		..

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

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

Height in gp .† Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.x	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 04	13 04	4 04	15 05	18 08	26 12	25 10	30 13	29 19	26 26	21 17	24 29	26 26			-	...	
Karachi ...	32 06	02 09	16 10	09 15	09 17	10 17	09 09	13 18	09 21	09 19	08 21	09 15	11 13	09 13	27 05	...	...	...
Peshawar ...	Misda	...	..	...			...		...	...	...		...	...		...	...	
Quetta ...																		

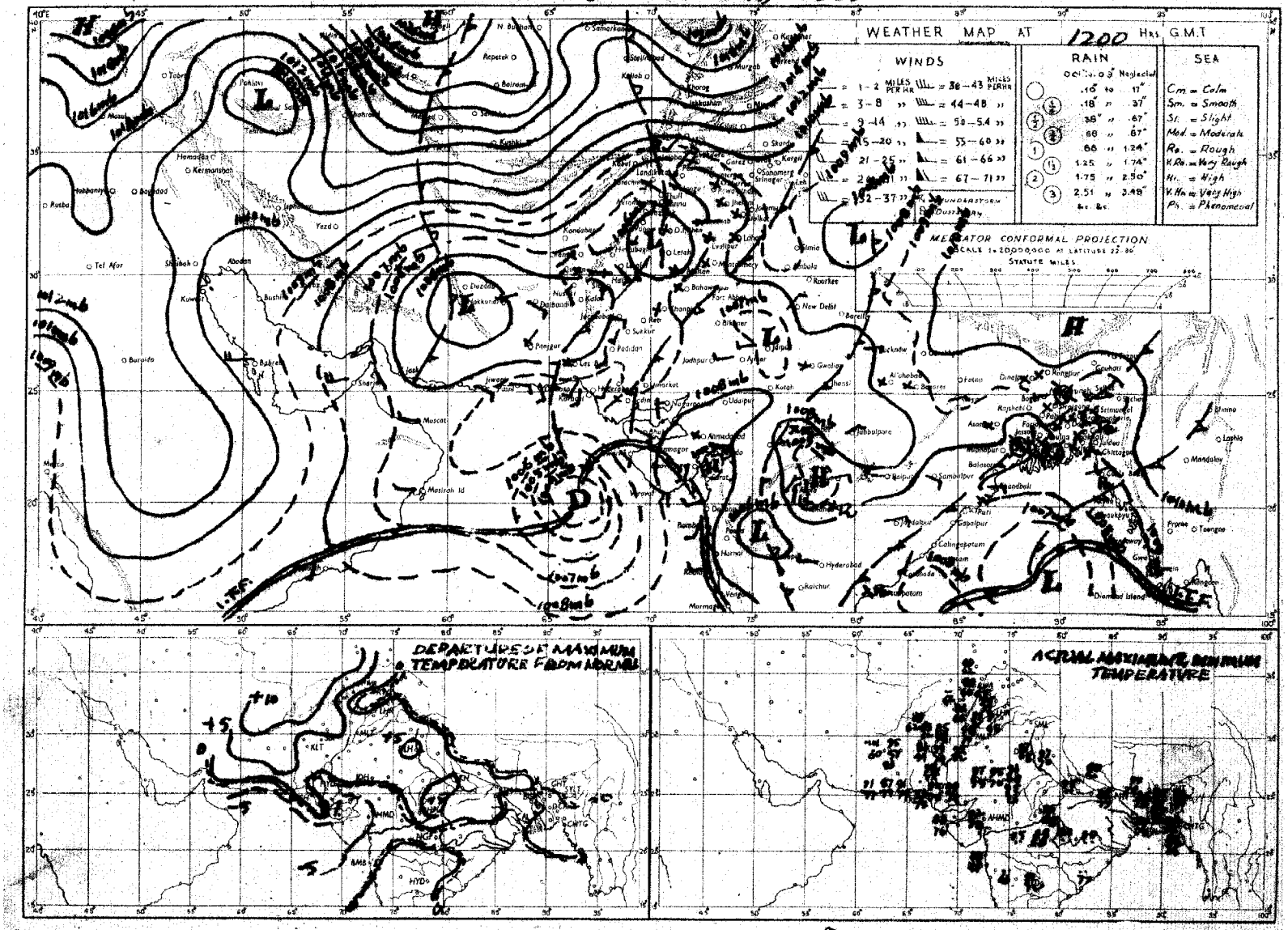
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY 16th OCTOBER, 1959



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

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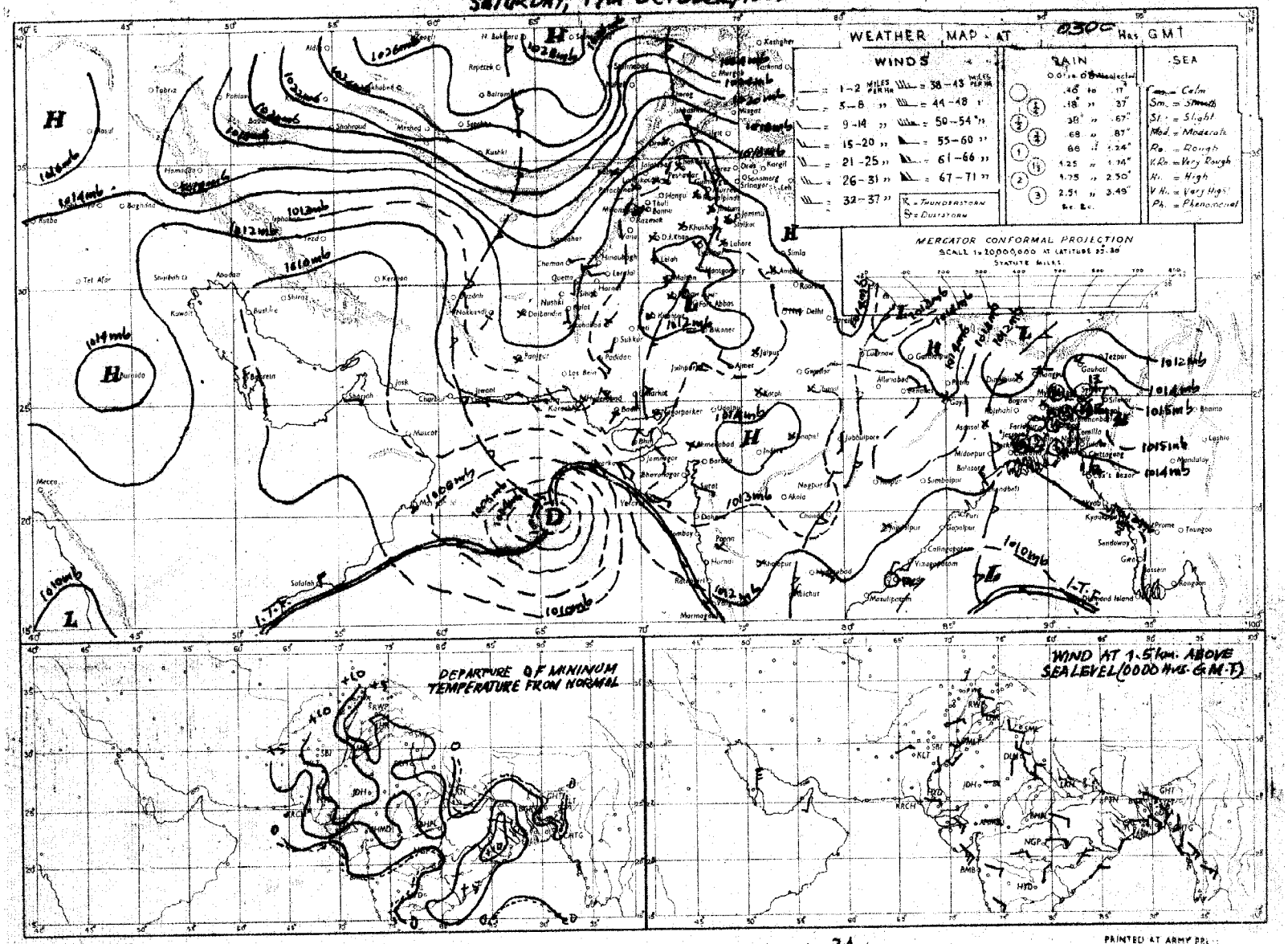
PAKISTAN DAILY WEATHER MAP

SATURDAY, 17TH OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 18th OCTOBER, 1959.

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

Observations from ships and Kuria Muria Coast are absent but believe yesterday's deep depression in north Arabian Sea moved westwards and is centered at 18,0300Z G.M.T. within one degree latitude 20¼°N and longitude 62°E. It is likely to continue move westwards.

Local rain has been reported from Hyderabad division.

Yesterday's westerly low pressure wave over sub-Himalayan west Bengal moved away northeastwards.

A low lies over central and adjoining southwest Bay of Bengal.

Scattered rain/thundershowers have occurred in Chittagong and Rajshahi divisions.

Chief amounts of rainfall are:- Maijdeecourt 1"; Umarkot ½"; and Rangpur and Mithi ¼" each.

Day temperatures were:- 3—6°F above normal over West Pakistan outside Lahore, Khairpur, Hyderabad and coastal Kalat divisions and were nearly normal over East Pakistan.

Forecast valid until the evening of 19th October 1959. Scattered Thunderstorms/showers will occur in East Pakistan. Weather will be dry in West Pakistan.

Karachi-11
The 18th October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	36	05	97	01	1	098	82	2	3	7	0	0	76	89
	Chittagong	110	5	2	00	00	xx	03	9	080	80	9	1	9	1	1	79	85
	Maijdee Court	000	0	0	00	00	94	00	0	096	83	0	0	9	0	0	76	89
	Comilla	000	0	6	00	00	95	03	1	102	81	4	0	9	2	4	72	86
	Brahmanbaria	000	9	1	00	00	xx	01	9	101	79	1	1	6	7	0	75	82
	Sylhet	000	0	4	00	09	96	03	2	101	80	4	3	6	0	0	75	88
	Srimongal																	
Dacca	Mymensingh	000	0	0	02	00	98	00	1	103	81	0	0	9	0	0	72	84
	Narayanganj	000	9	1	09	02	xx	01	0	096	91	1	0	9	3	0	75	88
	Dacca (Tezgaon)	000	9	2	13	03	98	01	1	094	79	1	3	6	3	0	76	87
	Faridpur	000	8	1	00	00	95	01	1	099	78	1	6	5	0	0	73	86
	Barisal	000	0	2	00	00	97	02	2	090	83	2	0	8	4	0	76	87
Rajshahi	Khulna	100	0	4	00	00	94	00	0	092	84	4	5	6	0	0	75	88
	Satkhira	048	0	0	00	00	96	00	0	098	84	0	0	9	0	0	78	88
	Jessore	000	0	4	05	02	97	01	1	100	80	4	4	6	0	0	73	86
	Sirajganj	000	0	0	00	00	93	00	0	080	82	0	5	9	0	0	82	88
	Bogra	000	0	1	00	00	95	02	1	098	82	1	4	6	0	0	75	37
	Dinajpur	000	0	0	00	00	99	00	0	097	81	3	0	9	0	0	77	89
	Rangpur	020	2	5	13	02	96	62	6	111	80	1	1	6	2	0	79	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	099	89	0	0	9	0	0	69	97
	Sialkot	000	0	0	00	00	97	00	0	094	86	0	0	9	0	0	64	92
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	093	88	0	0	9	0	0	68	94
	Rawalpindi	000	0	0	08	02	99	00		xxx	84	0	0	9	0	0	63	90
	Khushab	000	0	0	09	02	98	00	e	089	90	0	0	9	0	0	63	95
Multan	Lyallpur	000	0	0	00	00	96	00	0	088	92	0	0	9	0	0	66	97
	Montgomery	000	0	0	00	00	96	00	0	092	90	0	0	9	0	0	63	9-
	Multan	000	0	0	00	00	98	02	0	086	97	0	0	9	0	0	62	00
Bahawalpur	Leiah	000	0	0	00	00	97	05	0	071	98	0	0	9	0	0	55	99
	Khanpur	000	0	1	00	00	96	03	0	078	97	0	0	8	0	0	70	99
	Bahawalpur	000	0	0	23	02	97	00	0	097	95	0	0	9	0	0	73	00
	Fort Abbas	000	0	2	23	03	98	02		xxx	97	0	0	9	2	0	81	02
Peshawar	Chakdara	000	0	0	23	02	99	00	0	066	84	0	0	9	0	0	74	88
	Peshawar	000	0	0	36	09	96	05	0	090	87	0	0	9	0	0	61	89
	Haripur	000	0	0	23	02	97	00		996	89	0	0	9	0	0	89	93
	Campbellpur	000	0	0	18	00	97	00	0	096	xx	0	0	9	0	0	70	80
D. I. Khan	Bannu	000	0	0	23	01	99	00	0	073	88	0	0	9	0	0	61	92
	D. I. Khan	000	6	0	00	00	98	00	0	083	93	0	0	9	0	0	66	95
Quetta	Sibi	000	0	0	23	02	99	00	0	090	99	0	0	9	0	0	68	00
Kalat	Nokkundi	000	0	0	09	02	99	02	0	066	97	0	0	9	0	0	39	99
	Turbat	000	0	0	23	02	95	00	0	xxx	xx	0	0	9	0	0	76	03
	Jiwani	000	0	4	16	09	97	02	1	103	86	4	6	4	0	0	76	88
	Pasni	000	0	5	13	09	97	00	0	101	87	5	0	9	0	8	78	89
	Ormara	000	0	2	13	05	98	01	0	101	87	2	2	8	0	0	75	93
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	18	05	98	01	1	098	87	0	0	9	4	0	80	92
	Karachi (Air Port)	000	0	6	20	07	97	03	0	103	89	2	1	6	3	0	74	94
	Badin	000	0	0	23	02	97	00	2	104	94	0	0	9	0	0	74	97
	Nagarparkar	000	0	0	00	00	98	00	0	087	93	0	0	9	0	0	68	95
	Umarkot	000	4	8	31	05	98	63	5	090	94	8	4	6	0	0	61	97
	Hyderabad	000	0	2	00	00	97	02	0	099	93	2	8	6	0	0	68	98
Khairpur	Pad-i-dan	000	0	2	23	03	97	03	0	095	97	2	3	6	0	0	63	99
	Nawabshah	000	0	2	00	00	96	01	1	105	95	2	2	6	0	0	77	98
	Sukkur	000	5	4	27	03	96	03	1	092	95	4	0	9	6	0	70	00
	Kashmore	000	0	0	27	00	99	00	0	086	96	0	0	9	0	0	59	99
	Jacobabad	000	0	1	27	05	97	02	0	096	97	1	1	8	0	0	65	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	29	02	98	00	0	515	64	0	0	9	0	0	50	66
Peshawar	Drosh	000	1	2	23	09	98	03	0	486	79	2	2	7	0	0	37	88
	Cherat	000	0	0	18	03	98	00	0	621	75	0	0	9	0	0	63	81
	Kakul	000	8	0	18	05	96	02	0	513	75	0	0	9	0	0	48	81
	Landi Kotal	000	0	0	00	00	98	00	0	508	79	0	0	9	0	0	49	84
D. I. Khan	Parachinar	000	0	0	23	02	99	00	0	709	76	0	0	9	0	0	67	xx
	Miranshah	000	0	0	05	02	99	00	0	511	84	0	0	9	0	0	45	86
	Wana	000	0	0	11	05	99	00	0	476	82	0	0	9	0	0	23	84
	Fort Sandeman	000	0	0	25	03	98	02	0	519	85	0	0	9	0	0	29	88
Quetta	Hindubagh	000	0	0	29	06	96	00	0	475	78	0	0	9	0	0	51	78
	Loralai	000	0	0	13	03	98	00	0	364	79	0	0	9	0	0	49	84
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	480	79	0	0	9	0	0	44	81
	Chaman	000	0	0	23	02	97	00	0	516	84	0	0	9	0	0	39	87
Kalat	Kalat	000	0	0	31	09	97	02	0	475	73	0	0	9	0	0	23	80
	Nushki	000	0	0	31	05	98	02	0	586	89	0	0	9	0	0	43	92
	Dalbandin	000	0	0	13	03	98	02	0	525	91	0	0	9	0	0	47	93
	Panjgur	000	0	0	12	03	98	00	0	515	91	0	0	9	0	0	39	92
Afghanistan	Kabul	000	0	0	36	02	99	00	0	504	xx	0	0	9	0	0	55	75
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	000	0	1	02	02	97	01	0	124	84	1	0	7	7	0	77	73
	Chittagong	000	0	1	02	05	97	01	1	130	84	1	0	9	1	0	78	75
	Maijdee Court	110	9	1	00	00	98	01	0	134	84	0	0	9	1	0	75	75
	Comilla	000	0	0	00	00	97	00	0	116	84	0	0	9	0	0	72	74
	Brahmanbaria	000	0	1	09	02	xx	xx	x	128	80	1	0	9	3	0	73	70
	Sylhet	000	0	0	00	00	97	00	4	123	85	0	0	9	0	0	75	66
	Srimongal																	
Dacca	Mymensingh	000	0	0	00	00	98	00	0	139	82	0	0	9	0	0	74	74
	Narayanganj	000	9	1	00	00	97	01	0	131	85	1	0	9	3	0	72	76
	Dacca (Tezgaon)	000	9	2	00	00	98	03	0	126	83	1	5	5	8	0	74	74
	Faridpur	000	6	2	16	02	98	01	1	141	84	2	2	8	0	0	72	74
	Barisal	000	6	0	13	01	97	00	1	133	84	0	0	9	0	0	75	77
Rajshahi	Khulna	000	0	5	00	00	97	01	1	134	85	5	4	7	0	0	76	78
	Satkhira	000	0	3	00	00	95	00	0	117	83	3	2	8	8	0	77	77
	Jessore	000	0	4	05	03	97	01	0	129	81	4	8	6	0	0	77	77
	Sirajganj	000	0	0	00	00	98	00	0	116	84	0	0	9	0	0	78	78
	Bogra	000	0	3	00	00	96	03	0	131	80	3	5	6	0	0	74	75
	Dinajpur	000	0	0	00	00	96	00	0	131	82	0	0	9	0	0	75	75
	Rangpur	032	9	7	09	02	96	03	6	xxx	78	6	5	6	2	0	75	74
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	129	76	0	0	9	0	0	64	68
	Sialkot	000	0	0	00	00	97	00	0	125	79	0	0	9	0	0	68	72
Rawalpindi	Jhelum	000	0	0	00	00	95	02	0	130	72	0	0	9	0	0	67	66
	Rawalpindi	000	0	0	02	02	98	00	0	143	66	0	0	9	0	0	59	62
	Khushab	000	0	0	08	00	99	00	0	124	72	0	0	9	0	0	66	66
Multan	Lyallpur	000	0	0	16	02	95	02	0	120	74	0	0	9	0	0	61	67
	Montgomery	000	0	0	13	03	96	00	0	121	73	0	0	9	0	0	59	67
	Multan	000	0	0	18	02	98	02	0	125	78	0	0	9	0	0	63	69
Bahawalpur	Leiah	000	0	0	00	00	97	04	0	104	71	0	0	9	0	0	61	61
	Khanpur	000	0	0	29	03	96	01	0	116	80	0	0	9	0	0	65	73
	Bahawalpur	000	0	0	00	00	97	00	0	120	79	0	0	9	0	0	58	70
	Fort Abbas	000	0	0	02	02	98	00		120	79	0	0	9	0	0	68	xx
Peshawar	Chakdara	000	0	0	00	00	99	00	0	132	65	0	0	9	0	0	58	60
	Peshawar	000	0	0	00	00	96	05	0	136	68	0	0	9	0	0	61	65
	Haripur	000	0	0	23	02	97	00		112	74	0	0	9	0	0	79	68
	Campbellpur	000	0	0	18	00	98	00	0	135	75	0	0	9	0	0	60	60
D. I. Khan	Bannu	000	0	0	31	01	99	00	0	116	74	0	0	9	0	0	55	68
	D. I. Khan	000	0	0	00	00	98	00	0	121	72	0	0	9	0	0	61	66
Quetta	Sibi	000	0	0	00	00	99	00	0	129	73	0	0	9	0	0	58	71
Kalat	Nokkundi	000	0	0	05	02	99	02	0	456	72	0	0	9	0	0	32	67
	Turbat	000	0	0	13	02	95	00	0	139	77	0	0	9	0	0	70	xx
	Jiwani	000	0	6	00	17	97	02	2	127	79	6	1	6	0	1	73	76
	Pasni	000	0	2	36	00	97	00	0	131	79	2	0	9	7	0	76	76
	Ormara	000	0	0	00	00	98	00	0	130	76	0	0	9	0	0	67	73
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)																	
	Karachi (Air Port)	000	0	0	00	00	96	02	0	130	74	0	0	9	0	0	66	73
	Badin	000	0	0	23	02	96	00	0	134	82	0	0	9	0	0	78	79
	Nagarparkar	000	0	0	00	00	98	00	0	118	88	0	0	9	0	0	68	82
	Umarkot	056	0	7	20	02	98	00	0	116	80	4	5	6	4	0	76	76
	Hyderabad	000	0	5	81	00	97	01	2	126	83	3	0	9	3	1	70	79
Khairpur	Pad-i-dan	000	0	1	13	82	97	01	0	119	82	1	0	9	1	0	69	73
	Nawabshah	000	0	4	00	00	99	03	0	129	81	4	3	9	0	0	75	74
	Sukkur	000	0	0	13	02	96	00	0	116	80	0	0	9	0	0	74	75
	Kashmore	000	0	0	xx	02	99	00	0	115	83	0	0	9	0	0	58	72
	Jacobabad	000	0	0	00	00	97	02	0	121	79	0	0	9	0	0	67	75
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	31	02	98	00	0	536	56	0	0	9	0	0	38	51
Peshawar	Drosh	000	0	0	00	00	98	02	0	530	62	0	0	9	0	0	41	61
	Cherat	000	0	0	18	01	98	00	0	542	63	0	0	9	0	0	57	61
	Kakul	000	0	0	31	02	96	02	0	530	66	0	0	9	0	0	51	61
	Landi Kotal	000	0	0	00	00	98	00	0	517	68	0	0	9	0	0	50	xx
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	800	56	0	0	9	0	0	53	xx
	Miranshah	000	0	0	00	00	99	00	0	509	67	0	0	9	0	0	47	62
	Wana	000	0	0	02	02	98	00	0	519	57	0	0	9	0	0	37	50
	Fort Sandeman	000	0	0	00	00	97	02	0	534	63	0	0	9	0	0	41	58
Quetta	Hindubagh	000	0	0	27	04	98	00	0	490	54	0	0	9	0	0	36	53
	Loralai	000	0	0	23	02	98	00	0	340	55	0	0	9	0	0	35	51
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	18	02	95	00	0	533	60	0	0	9	0	0	43	41
	Chaman	000	0	0	18	02	97	00	0	525	64	0	0	9	0	0	34	58
Kalat	Kalat	000	0	0	18	05	97	02	0	553	59	0	0	9	0	2	39	45
	Nushki	000	0	0	09	02	98	02	0	581	75	0	0	9	0	0	55	65
	Dalbandin	000	0	0	05	02	97	02	0	513	61	0	0	9	0	0	25	55
	Panjgur	000	0	0	00	00	98	00	0	524	67	0	0	9	0	0	42	60
Afghanistan	Kabul	000	0	0	00	00	99	00	0	596	49	0	0	9	0	0	41	43
	Kandahar																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar		0	120.6	+ 7.8	136.4	140
	Chittagong	+ 2	+ 2	96.6	+15.1	128.6	108
	Maijdee Court	− 1	+ 1	103.9	+13.9	135.7	115
	Comilla	+ 4	+ 1	74.9	+13.3	100.9	94
	Brahmanbaria	—	—	150.7	—	188.6	76
	Sylhet	− 2	− 4	73.8	+10.5	105.8	—
	Srimongal						98
Dacca	Mymensingh	− 3	0	88.8	+21.3	110.9	91
	Narayanganj	0	+ 1	78.7	+26.8	99.0	74
	Dacca (Tezgaon)	—	—	84.4	—	100.0	—
	Faridpur	− 1	0	84.2	+33.8	112.5	71
	Barisal	0	+ 3	116.3	+56.3	131.3	81
Rajshahi	Khulna	+ 1	+ 5	51.5	− 0.3	68.8	68
	Satkhira	− 1	+ 5	61.0	+11.3	79.1	65
	Jessore	− 3	+ 3	67.9	+21.1	103.8	65
	Sirajganj	+ 1	+ 5	82.6		107.4	64
	Bogra	0	+ 2	84.2	+29.9	104.2	69
	Dinajpur	+ 2	+ 3	49.5	−10.1	66.9	72
	Rangpur	0	+ 3	72.1	+ 6.1	92.0	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	+ 3	+ 10	21.8	+ 7.2	25.6	19
	Sialkot	0	+ 11	52.6	+28.9	58.4	32
Rawalpindi	Jhelum	—	—	39.1	—	49.3	—
	Rawalpindi	+ 1	+ 6	38.8	+14.9	51.8	36
	Khushab		+ 4	16.2	+ 5.9	21.7	15
Multan	Lyallpur	+ 4	+ 6	14.5	+ 5.2	17.3	12
	Montgomery	+ 3	+ 3	6.1	− 1.5	8.4	10
	Multan	+ 6	+ 7	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	—	—	5.0	—	6.9	8
	Khanpur	+ 4	+ 12	0.5	− 4.3	1.3	6
	Bahawalpur	+ 6	—	—	—	—	6
	Fort Abbas	—	—	8.9	—	9.2	4
Peshawar	Chakdara	—	—	11.0	—	26.5	—
	Peshawar	+ 2	+ 1	9.7	+ 5.1	23.5	14
	Haripur	—	—	21.1	—	32.0	—
	Campbellpur	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	—	—	9.8	—	12.4	11
	D. I. Khan	+ 2	+ 5	10.5	+ 5.0	14.3	10
Quetta	Sibi	—	—	5.0	—	5.2	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	2.9	—	7.3	—
	Jiwani	—	—	0.3	—	5.9	4
	Pasni	− 3	+ 9	0.6	− 0.3	3.2	6
	Ormara	—	—	2.1	+ 1.3	4.1	6
	Las Bela						8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 4					8
	Karachi (Air Port)	—	—	22.6	—	22.9	—
	Badin	+ 2	+ 11	11.2	+ 4.0	11.2	9
	Nagarparkar	—	—	30.5	—	30.5	—
	Umarkot	—	—	19.5		20.3	—
	Hyderabad	0	+ 9	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	—	—	7.3	—	7.5	—
	Nawabshah	—	—	6.4	—	7.1	—
	Sukkur	—	—	3.6	—	4.6	4
	Kashmore	—	—	2.0	—	2.1	—
	Jacobabad	+ 1	+ 9	3.8	+ 1.5	4.5	4
Junagadh	Veraval						30
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						2
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	+ 1	+ 2	52.4	+15.7	77.7	59
Peshawar	Drosh		+ 9	1.5	—	30.7	18
	Cherat	+ 5	+ 4	20.9	+ 8.6	30.9	29
	Kakul	—	—	49.9	—	54.6	—
	Landi Kotal	—	—	3.8		18.9	—
D. I. Khan	Parachinar		—	14.1	—	28.0	29
	Miranshah	—	—	4.0	− 0.8	7.0	13
	Wana		—	5.1		14.1	—
	Fort Sandeman	+ 6	+ 9	7.2	+ 2.1	16.0	11
Quetta	Hindubagh	—	—	4.6	—	12.6	—
	Loralai	—	—	7.1	—	13.0	
	Harnai	—	—	8.4	+ 0.9	12.7	14
	Quetta	—	—	4.7	+ 3.6	10.2	8
	Chaman	+ 8	+ 6	0.2	− 0.1	6.2	7
Kalat	Kalat	+ 6	+ 6	6.3	+ 5.0	11.0	9
	Nushki	—	—	1.1	—	2.9	—
	Dalbandin	+ 6	+ 6	0.2	− 0.1	2.2	5
	Panjgur	+ 6	+ 6	2.5	—	4.1	4
Afghanistan	Kabul		—	—	—	—	12
	Kandahar						—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 18th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	O T,T,TdTd	IdwdwPH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rome	73 107	631 00	4 28 03	98 02 0	093 79	31 3 60	66140 0	...	0 56 68	4 28 20
Dalala	73 203	591 03	1 00 00	98 05 0	080 75	00 7 05	16 81 5	—	0 34 70	1 00 x8
Caltex Parmis	73 198	587 06	2 25 02	98 02 1	110 82	00 9 01	00 22 3	—	0 25 68	1 19 22
Cheverny	73 210	593 06	1 01 06	98 02 0	118 79	00 8 08	15 22 6	—	0 00 73	4 01 x8
Dalala	73 201	595 06	1 03 05	98 02 0	096 79	00 9 08	16 16 0	—	0 00 75	1 30 20
Barnes	73 202	598 06	0 06 05	98 00 0	088 81	00 9 00	55 10 8	—	0 51 75	1 19 32
Victoria	73 211	615 06	3 05 10	98 00 0	123 81	00 9 00	16 10 0	...	0 52 75	1 06 xx
Victoria	73 221	631 12	3 05 05	98 00 0	123 84	30 0 00	16 10 0	...	0 52 77	1 06 xx
Cheverny	73 223	599 12	3 04 12	98 01 0	089 82	22 6 08	xx xx x	85 70 9	0 51 77	1 04 22
Caltex Parmis	73 187	577 12	1 16 05	98 02 0	073 81	00 9 01	xx xx x	..	0 00 54	3 11 60
Barnes	73 191	580 12	0 16 04	98 00 0	053 81	00 9 00	55 81 5	—	0 51 73	1 19 xx
Dalala	73 242	585 18	0 15 18	98 03 0	103 82	00 9 00	76 00 3		0 52 77	1 15 20
Victoria	73 233	645 18	3 05 08	98 00 0	143 81	30 0 00	16 10 0	..	0 52 75	1 05 xx
Tokmaru	73 200	647 18	3 14 19	97 02 1	105 81	11 5 08	74 40 0	..	0 80 xx	..
Cheverny	73 235	590 18	0 10 04	98 02 0	120 81	00 9 00	75 10 5	..	0 53 75	1 10 x0
Dalala	73 234	591 18	1 00 00	98 02 0	100 81	00 6 01	76 22 0	..	0 54 75	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	010 252 225	000 050 092	...	450 165 122	...	116 058 015	359 515 992	782 420 950	457 715 992	954 820		..	..
Jiwani														
Karachi	00 00	009 255 225	097 258 232	—	500 212 095	..	164 102 515	430 038 645	816 525 995	633 618 995	977 762			—
Lahore	00 00	Misda	...	..	..	..	..	...	...		...	—	—	—
Multan														
Peshawar														
Quetta	00 00	970 000 000	..	—	000 705 125	..	144 085 018	482 012 598	837 582 752	552 662 998	967 798	247 975	433 060	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	930 192 152	800 138 088		...	—	—	—	—	...	800 138 088	—	..
Jiwani													
Karachi	00 00	900 242 122	800 178 062	—	..	...	—	—	—	—	800 178 062	...	—
Lahore	00 00	Misda	.	..	—	..	...			—	...	—	—
Multan													
Peshawar													
Quetta	00 00	900 232 155	800 162 092	350 712 998	250 872 992	115 120 998	..	..	—	..	115 120 990	—	..

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	09 03	10 03	17 03	30 02	26 03	31 06	28 10	06 04	08 07	...	...	—	..	—	—	No	Ascent	—	..	...	—	---	—	...	..	-
Chaklala	..	..	—	..	..	—	—	..	..	...	...	..	—	..	..	..	—	..	...	—	—	..	—	—	—	-
Chitral	28 03	33 04	07 04	14 05	12 10	09 18	—	—	...	29 04	28 05	16 03	..	...	...	28 05	18 01	13 02	15 05	10 07	13 07	...	...	—	...	---
Chittagong	35 04	03 03	12 03	19 06	19 07	31 03	32 02	—	...	05 09	05 10	03 08	01 06		...	03 05	03 04	02 04	26 02	...	..	...	...	—	---	—
Cox's Bazar	06 07	09 07	16 03	18 17	18 05	...	..	...		06 03	06 05	28 03	21 01	13 08	04 04	36 04	13 01	16 02	10 01	12 04	10 11	...	...	—	—	—
Dacca	06 04	05 04	01 01	19 02	19 05	22 02	23 08	17 0[illegible]	27 08	07 05	07 03	13 01	17 02	19 01	21 07	06 03	19 06	18 06	18 03	14 01	24 04	26 06	29 24	26 04	08 14	
Dalbandin	---	—	11 04	12 02	07 04	36 17	28 03	27 0[illegible]	24 12	—	—	08 05	06 10	36 06	19 15	—	—	07 09	11 10	05 08	03 12	02 07	20 07	19 07	23 15	23 18
D. I. Khan	..	—	—			—	—	—	..	—	—	—	—	—	...	—	—	—	—	...	...	...	—	—	—	...
Drosh	—	—	—	...	22 14	21 21	16 07	18 11	16 11	—	—	—	22 01	23 01	22 01	—	—	—	—	06 01	03 10	35 03	35 04	17 01	34 11	—
Fort Sandeman			—	21 04	19 07	22 08	27 18	27 26	28 28	—	—		23 07	26 08	28 07	...	...	—	23 03	28 03	22 09	29 10	27 17	28 22	24 17	...
Jacobabad	22 06	xx xx	20 09	21 11	21 12	13 10	05 05	03 04	32 03	18 10	19 11	20 11	35 09	09 06	—	24 06	23 08	23 08	25 06	32 06	01 06	11 04	23 04	25 07	24 08	29 07
Jessore	01 03	36 03	36 01	12 03	—	—	—	...	...	07 04	05 04	07 05	08 06	12 05	16 06	01 01	05 02	19 04	20 05	03 01	...	..	..	...	---	...
[illegible]	20 01	20 01	22 02	30 06	32 09	31 10	29 17	29 32	29 31	31 02	22 04	29 03	29 08	32 14	—	15 01	22 03	22 05	30 06	30 10	32 09	29 17	28 17	—	..	...
Jiwani	13 12	11 17	11 17	07 16	07 17	08 29	...	—	—	08 10	08 10	09 13	09 19	—	10 13	09 12	09 14	11 16	10 21	08 26	08 30	10 14	11 19	11 21	...	...
Karachi	17 08	14 09	14 10	11 14	09 18	11 18	09 16	18 16	09 21	33 13	32 08	19 05	13 09	12 14	19 11	27 03	23 03	16 04	15 10	13 19	13 14	13 06	09 11	11 15	10 35	...
Khanpur	27 05	28 08	28 11	26 11	24 11	19 14	33 04	31 04	31 04	28 23	26 19	26 17	25 14	24 12	34 20	28 11	26 13	29 11	23 14	23 11	22 09	06 08	07 05	28 11		...
Lahore	26 01	28 03	36 06	28 07	30 10	33 13	30 15	29 25	30 21	14 09	19 03	31 03	31 08	30 13	28 07	18 06	18 07	22 03	29 03	31 12	33 13	30 12	33 10	31 12	29 16	29 11
Multan	23 07	21 06	22 06	19 06	05 03	34 37	39 13	29 17	29 23	22 06	23 04	25 04	25 07	26 06	—	20 02	22 04	23 06	23 05	21 03	06 08	29 14	29 29	30 18	29 08	28 11
[illegible]	—	—	—	—	—	—	—	---	—	---	—	—	—	—	..	—	—	...	—	..	---	—	...	—	—	...
Panjgur	—	—	..	...	..	—	..	—	—	—	—	..	..	—	—	---	—	—	---	..	---	...	---	..	—	...
Peshawar	...	...	...	...	...	...	—	—	..	—	---	...	..	—	—	—	---	—	—	...	..	...	..	...	...	...
Quetta	—	—	---	...	29 11	25 08	26 05	29 15	26 19	..	..	...	..	26 10	—	—	..	..	..	28 02	01 10	25 06	28 15	26 17	26 25	25 11
[illegible]	..	..	..	—		..	...	..	...	...	...	...	—	...	...	...	—	...	...	..				—	...	—
Sylhet	05 07	35 04	23 04	22 06	28 06	31 12	29 15	32 03	29 01	08 10	07 05	08 03	31 02	30 06	31 04	10 22	11 01	18 02	30 03	27 03	29 03	05 06	03 05	33 06	06 15	06 11
[illegible]	—	...	---	...	—	—	---	—	—	---	—	...			---	..	—	..	..		—	—	—	---		—

* 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 Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10:5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	08 05	18 04	12 05	14 03	18 01	20 06	24 03	25 12	27 16	28 14	06 19	01 16		—	—	—	—	..
Dacca	31 12	25 05	13 09	13 09	11 17	09 17	12 17	09 15	11 20	11 21	14 07	12 13	11 08		.	—	—	—
Karachi	Misda	—	—	—		...	—	—	...	...	...	—	—	—	...	—	—	
Peshawar																		
Quetta																		

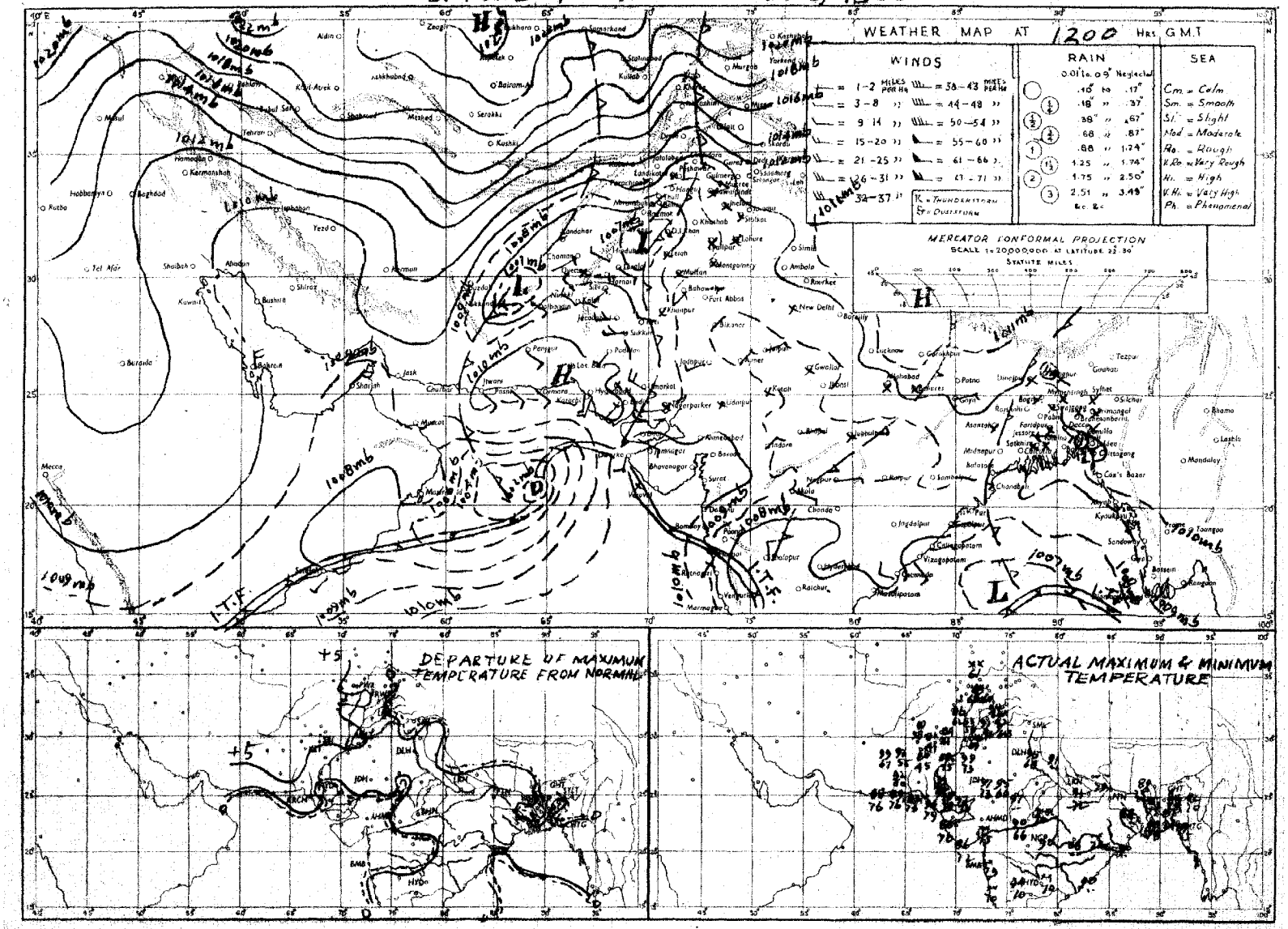
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

SATURDAY 17th OCTOBER, 1959



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

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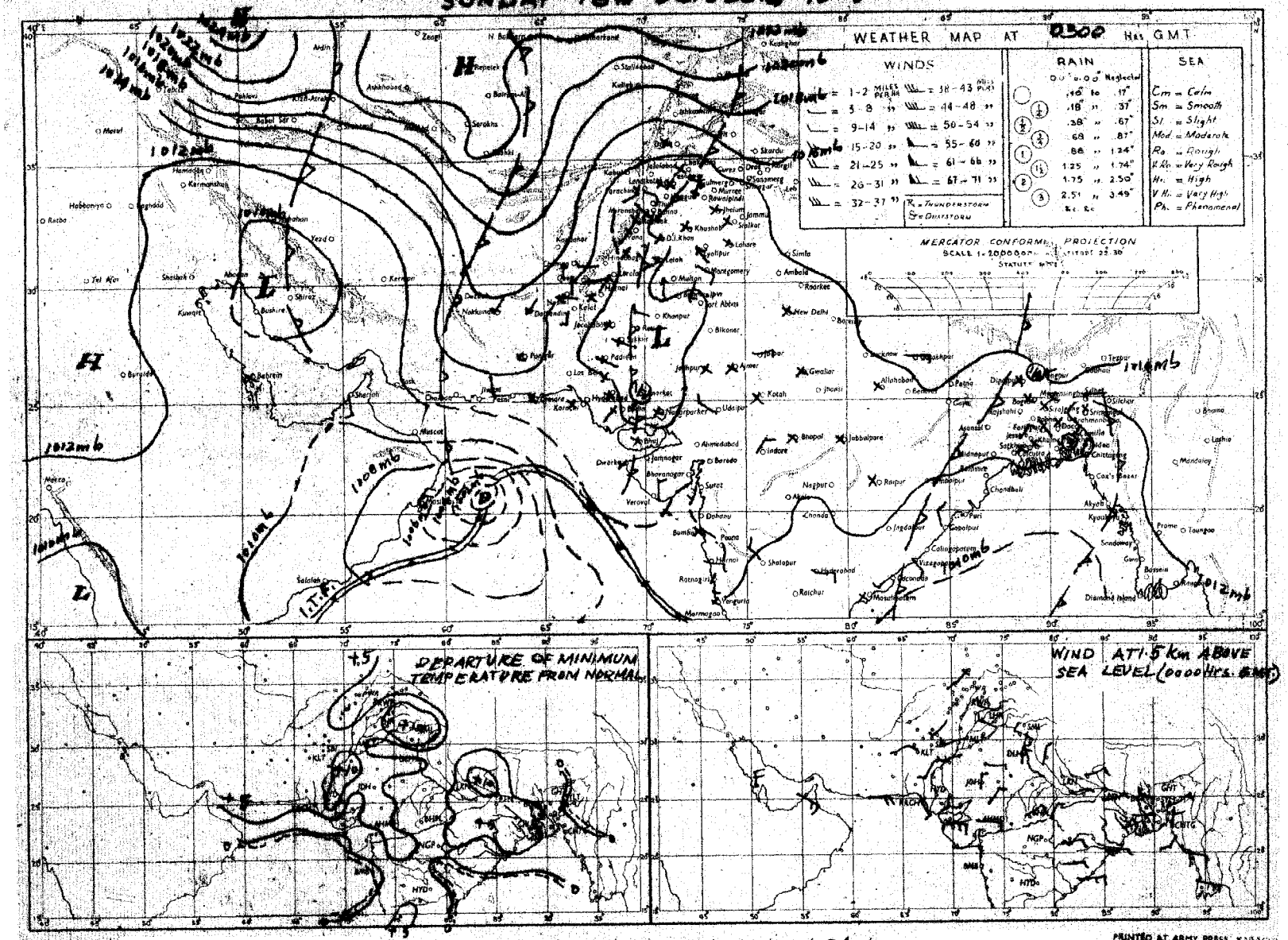
PAKISTAN DAILY WEATHER MAP

SUNDAY 18th OCTOBER 1953



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 19th OCTOBER, 1959.

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

Yesterday's deep depression in north Arabian Sea intensified into a cyclonic storm last evening, moved westwards, crossed Kurie Muria coast this morning, weakened and is centered as a deep depression at 19,0300 G.M.T. about 120 miles southwest of Masirah. It is likely to move northwestwards and weaken.

A western disturbance is moving accross east Russian Turkistan with its trough extending to Peshawar division.

A low lies over west Rajasthan and neighbourhood.

Weather remained dry over the country except isolated thunderstorms reported from Chittagong division.

Day temperatures were:- 3—6°F above normal in West Pakistan outside Lahore and coastal Kalat divisions and were 3—5°F so in southern parts of Chittagong and Dacca divisions.

Forecast valid until the evening of 20th October, 1959. Scattered thunderstorms/showers are expected in Peshawar, Hyderabad, Chittagong divisions and in Kashmir.

Karachi-11
The 19th October, 1959.

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

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	—	000	0	6	00	00	95	13	0	059	84	1	3	7	5	1	75	90	000	0	1	25	02	97	01	0	121	88	1	4	7	0	0	76	76	+ 3	+ 3	120.6	+ 6.9	136.4	143
	Chittagong	—	000	0	1	29	05	97	01	1	087	83	1	2	9	3	0	77	89	000	0	0	02	02	97	00	0	125	79	0	0	9	0	0	76	75	+ 2	+ 2	96.6	+14.6	128.6	108
	Matijdee Court	—	000	9	9	00	00	xx	02	3	075	84	9	x	0	x	x	76	89	000	9	0	00	00	98	00	0	130	85	0	0	9	0	0	74	76	+ 3	+ 2	103.9	+13.7	135.7	115
	Comilla	—	000	0	0	00	00	94	00	0	090	85	0	0	9	0	0	76	89	000	0	0	00	00	97	00	0	126	85	0	0	9	0	0	81	80	+ 1	+ 7	74.9	+ 1.7	100.9	94
	Brahmanbaria	—	000	0	0	00	00	95	00	0	094	83	1	0	9	0	0	77	88	000	0	1	09	02	97	01	0	121	84	1	0	9	0	0	75	76	—	—	54.	—	80.3	76
	Sylhet	—	000	0	1	27	02	96	02	0	087	80	1	5	6	3	0	75	88	000	0	1	09	05	97	02	0	127	80	1	1	6	0	0	73	72	—	—	150.7	—	198.4	—
	Srimangal	—	000	0	0	00	00	xx	00	0	094	82	0	0	9	0	0	75	xx	000	0	0	02	02	97	02	0	130	83	0	0	9	0	0	74	78	—	+ 9	73.8	+10.2	105.8	98
Dacca	Mymensingh	—	000	0	0	00	00	98	00	0	094	89	0	0	9	0	0	75	89	000	0	0	00	00	98	00	0	127	80	0	0	9	0	0	69	75	+ 2	+ 1	88.7	+21.1	110.9	91
	Narayanganj	—	000	9	1	00	00	xx	03	0	085	83	1	2	9	3	0	75	91	000	0	3	00	00	97	01	0	129	85	3	4	6	0	0	73	79	+ 3	+ 4	78.7	+26.7	99.0	74
	Dacca (Tejgaon)	—	000	0	2	00	00	98	03	0	084	84	2	8	5	0	0	74	89	000	9	2	00	00	97	03	0	127	84	2	8	4	0	0	75	75	—	—	84.4	—	100.6	—
	Faridpur	—	000	8	2	05	07	96	01	1	088	84	2	6	5	0	0	74	87	000	3	4	16	02	97	02	1	132	84	4	2	7	0	0	75	74	—	0	84.2	+33.7	112.5	71
	Barisal	—	000	5	1	00	00	97	01	0	094	89	1	0	8	8	0	75	90	000	1	1	00	00	97	01	0	126	87	1	0	8	8	0	76	78	+ 3	+ 4	116.3	+56.2	131.1	81
Rajshahi	Khulna	—	000	0	4	00	00	93	01	1	090	83	4	4	7	0	0	75	92	000	0	0	00	00	97	00	0	130	86	0	0	9	0	0	75	77	+ 5	+ 4	51.5	— 0.4	68.8	68
	Satkhira	—	000	0	4	00	00	95	03	0	095	84	4	6	8	0	0	75	89	000	0	2	00	00	96	01	0	124	84	2	1	7	0	0	75	76	—	+ 1	61.0	+11.3	79.1	65
	Jessore	—	000	6	5	27	02	96	02	1	102	82	4	4	6	6	0	78	88	000	0	0	36	02	97	00	0	131	82	0	1	9	0	0	76	75	— 1	+ 1	67.9	+20.9	103.8	65
	Sirajganj	—	000	0	0	00	00	93	00	1	091	81	0	0	9	0	0	81	89	000	0	2	00	00	97	02	0	130	85	0	1	5	5	0	75	75	+ 2	+ 2	82.6	+33.9	107.4	64
	Bogra	—	000	0	5	00	00	95	03	1	091	83	0	0	9	0	6	73	87	000	0	2	05	02	97	03	0	131	82	2	4	5	0	0	75	75	—	+ 2	84.2	+29.7	104.2	69
	Dinajpur	—	000	0	0	00	xx	00	0	088	85	0	0	9	0	0	76	88										—									+ 1					72
	Rangpur	—	000	0	1	00	00	96	01	0	xxx	82	1	0	9	1	0	75	87	000	0	1	09	02	96	01	4	xxx	82	1	5	6	0	0	76	74	—	0	72.1	+ 5.9	92.0	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd.)	—	000	0	0	00	00	96	02	0	092	91	0	0	9	0	0	73	85	000	0	0	00	00	95	02	0	129	76	0	0	9	0	0	65	67	+ 1	+ 9	21.8	+ 7.2	25.6	19
	Sialkot	—	000	0	0	00	00	97	00	0	089	86	0	0	9	0	0	69	92	000	0	0	00	00	97	00	0	129	79	0	0	9	0	0	67	70	— 0	+ 9	52.6	+28.8	58.4	32
Rawalpindi	Jhelum	—	000	0	0	00	00	97	02	0	090	88	0	0	9	0	0	70	93	000	0	0	13	02	96	02	0	132	72	0	0	9	0	0	66	66	—	—	39.1	—	49.3	—
	Rawalpindi	—	000	0	0	02	02	98	00	0	086	86	0	0	9	0	0	67	93	000	0	0	02	02	97	00	0	133	70	0	0	9	0	0	59	63	+ 4	+ 7	38.8	+14.9	51.8	36
	Khushab	—	000	0	0	00	00	99	00	0	096	92	0	0	9	0	0	64	95	000	0	0	11	02	99	00	0	135	71	0	0	9	0	0	60	68	+ 1	+ 6	16.2	+ 5.9	21.7	15
Multan	Lyallpur	—	000	0	0	00	00	96	00	0	087	94	0	0	9	0	0	61	97	000	0	0	16	02	95	00	0	133	74	0	0	9	0	0	59	68	+ 4	+ 7	14.5	+ 5.2	17.3	12
	Montgomery	—	000	0	0	00	00	96	00	0	084	94	0	0	9	0	0	66	99	000	0	0	13	05	96	00	0	133	72	0	0	9	0	0	59	71	+ 3	+ 8	6.1	— 1.5	8.4	10
	Multan	—	000	0	0	00	00	98	02	0	082	96	0	0	9	0	0	55	98	000	0	0	00	00	98	02	0	132	77	0	0	9	0	0	63	72	+ 4	+ 10	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	—	000	0	0	00	00	96	05	0	066	97	0	0	9	0	0	57	97	000	0	0	00	00	98	00	0	098	67	0	0	9	0	0	57	60	—	—	5.0	—	6.9	8
	Khanpur	—	000	0	0	27	02	96	02	0	072	97	0	0	9	0	0	69	00	000	0	0	00	00	96	02	0	109	79	0	0	9	0	0	62	71	+ 5	+ 10	0.5	— 3.7	1.3	6
	Bahawalpur	—	000	0	0	00	00	97	00	0	090	91	0	0	9	0	0	71	99	000	0	0	00	00	97	00	0	116	86	0	0	9	0	0	64	xx	+ 5	—	5.5	— 1.3	6.6	6
	Fort Abbas	—																																								4
Peshawar	Chakdara	—	000	0	0	00	00	99	00	0	061	84	0	0	9	0	0	64	87	000	0	0	00	00	99	00	0	125	65	0	0	9	0	0	58	60	—	—	11.0	—	26.3	—
	Peshawar	—	000	0	0	05	02	96	05	0	082	86	0	0	9	0	0	59	91	000	0	0	00	00	96	05	0	134	70	0	0	9	0	0	61	64	+ 4	+ 4	9.7	+ 5.1	23.5	14
	Kohat	—	000	0	0	23	02	97	00	0	047	71	0	0	9	0	0	63	92	000	0	0	23	02	97	00	0	111	71	0	0	9	0	0	60	65	—	—	21.1	—	33.0	—
	Campbellpur	—	000	0	0	00	00	98	00	0	100	89	0	0	9	0	0	58	93	000	0	0	00	00	98	00	0	151	67	0	0	9	0	0	59	66	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	—	000	0	0	00	00	99	00	0	078	88	0	0	9	0	0	65	93	000	0	0	00	00	99	10	0	109	71	0	0	9	0	0	55	66	—	—	9.3	—	12.4	11
	D. I. Khan	—	000	6	0	00	00	98	00	0	079	95	0	0	9	0	0	75	97	000	0	0	00	0	98	00	0	120	78	0	0	9	0	0	62	65	+ 4	+ 4	10.5	+ 5.0	14.3	10
Quetta	Sibi	—	000	0	0	23	02	99	00	0	079	99	0	0	9	0	0	46	02	000	0	0	15	02	99	00	0	121	73	0	0	9	0	0	54	70	—	—	4.9	—	5.2	5
	Nokkundi	—	000	0	0	11	02	99	02	0	070	95	0	0	9	0	0	32	96	000	0	0	34	02	99	02	0	141	70	0	0	9	0	0	57	67	—	—	0.	—	1.1	2
	Turbat	—	000	0	0	18	02	95	00	0	098	97	0	0	9	0	0	77	02	000	0	0	18	02	95	00	0	124	77	0	0	9	0	0	70	xx	—	—	2.9	—	7.3	—
	Jiwani	—	000	0	2	13	10	97	01	0	107	85	2	6	4	0	0	73	89	000	0	1	00	00	97	01	0	132	77	1	6	4	0	0	71	73	—	—	0.3	—	5.9	4
Kalat	Pasni	—	000	0	1	16	09	97	02	0	106	84	1	0	9	7	0	75	98	000	0	0	25	09	97	00	0	137	74	0	0	9	0	0	70	71	+ 6	+ 4	0.6	— 0.3	3.2	6
	Ormara	—	000	0	0	23	09	98	00	0	100	88	0	0	9	0	0	73	94	000	0	0	27	03	98	00	0	120	80	0	0	9	0	0	73	75	—	—	2.1	+ 1.3	4.1	6
	Las Bela	—																																								8
Karachi Federal Capital Hyderabad	Karachi (Manora)	—	000	0	0	27	14	98	02	0	103	86	0	0	9	0	0	81	89	000	0	2	35	05	97	01	1	117	76	2	0	9	4	0	74	76	+ 1	+ 3	16.5	+14.0	16.5	—
	Karachi (Air Port)	—	000	0	1	23	05	97	02	0	100	91	1	0	9	0	0	68	00	000	0	1	27	02	96	03	0	117	80	1	0	9	3	0	74	75	—	—	22.6	—	22.9	9
	Badin	—	000	0	0	23	02	97	00	0	100	95	0	0	9	0	0	68	97	000	0	5	23	02	96	02	1	115	88	6	6	6	0	0	67	77	+ 5	+ 10	11.2	+ 4.0	11.3	—
	Nagarparkar	—	000	0	4	23	02	97	03	0	067	95	0	0	9	0	0	67	99	000	0	0	27	02	98	00	0	107	88	0	0	9	0	0	67	82	—	—	30.5	—	30.5	—
	Umarkot	—	000	0	6	23	03	98	02	1	081	97	6	2	6	0	0	69	99	000	0	4	13	02	98	02	1	107	81	4	0	9	4	0	71	75	—	—	19.5	—	20.3	—
	Hyderabad	—	000	0	2	18	05	97	02	0	092	95	2	5	6	0	0	63	99	000	0	3	00	00	97	03	0	111	79	0	0	9	0	1	66	75	+ 1	+ 5	14.6	+ 8.6	15.4	7
Khairpur	Padidan	—	000	0	1	18	03	98	01	0	085	97	1	1	6	0	0	59	01	000	0	0	00	00	98	02	0	105	79	0	0	9	0	0	67	71	—	—	7.3	—	7.5	—
	Nawabshah	—	000	0	1	23	03	99	01	1	093	96	1	2	6	0	0	79	99	000	0	0	00	00	96	02	0	114	80	0	0	9	0	0	71	72	—	—	6.4	—	7.1	—
	Sukkur	—	000	0	0	27	03	96	00	0	082	95	0	0	9	0	0	66	00	000	0	0	00	00	96	00	0	104	78	0	0	9	0	0	71	75	—	—	3.5	—	4.6	4
	Kashmore	—	000	0	0	18	03	99	00	0	079	94	0	0	9	0	0	63	96	000	0	0	00	00	99	00	0	112	80	0	0	9	0	0	66	71	—	—	2.0	—	2.1	—
	Jacobabad	—	000	0	0	23	02	97	02	0	082	97	0	0	9	0	0	65	00	000	0	0	13	02	97	02	0	111	80	0	0	9	0	0	69	75	+ 3	+ 1	3.8	+ 1.5	4.5	4
Junagadh-Afghanistan	Veraval	—																																								20
	Jalalabad	—																																								—
Arabian Sea	Muscat	—																																								4
	Kuwait	—																																								—
	HILL STATIONS																																									26
Kashmir	Srinagar	—																																								—
	Gulmarg	—																																								71
	Sonamarg	—																																								26
	Dras	—																																								3
	Leh	—																																								6
	Skardu	—																																								—
	Misgar	—																																								—
	Aliabad	—																																								5
	Gilgit	—																																								—
Rawalpindi	Murree	—	000	0	0	00	00	98	00	0	513	62	0	0	9	0	0	50	66	000	0	0	29	05	98	00	0	533	56	0	0	9	0	0	43	51	+ 1	+ 2	52.4	+15.6	77.7	59
Peshawar	Drosh	—	000	0	0	23	09	98	02	0	486	82	0	0	9	0	0	34	90	000	0	0	00	00	98	02	0	537	61	0	0	9	0	0	42	41	+ 14	+ 9	1.5	—	30.7	18
	Chitral	—	000	0	0	18	03	98	00	0	518	75	0	0	9	0	0	66	80	000	0	0	00	00	98	00	0	539	61	0	0	9	0	0	57	59	+ 4	+ 2	20.9	+ 8.5	30.9	29
	Kakul	—	000	4	1	20	05	97	01	0	514	74	1	1	7	0	0	48	81	000	0	0	00	00	96	05	0	530	67	0	0	9	0	0	51	61	—	—	49.9	—	54.6	—
	Landi Kotal	—	000	0	1	16	02	98	00	0	500	80	0	0	9	0	0	49	86	000	0	0	00	00	98	00	0	514	65	0	0	9	0	0	51	xx	—	—	3.8	—	18.9	—
D. I. Khan	Parachinar	—	000	0	0	13	02	99	00	0	799	76	0	0	9	0	0	66	xx	000	0	0	00	00	99	00	0	802	56	0	0	9	0	0	44	xx	—	—	14.1	—	28.0	29
	Miranshah	—	000	0	0	00	00	99	00	0	491	84	0	0	9	0	0	45	87	000	0	0	00	00	99	00	0	569	66	0	0	9	0	0	45	60	—	—	4.0	— 0.8	7.0	13
	Wana	—	000	0	0	13	03	98	00	0	485	81	0	0	9	0	0	14	85																							—
Quetta	Fort Sandeman	—	000	0	0	00	00	98	02	0	509	85	0	0	9	0	0	60	87	000	0	0	00	00	97	02	0	534	62	0	0	9	0	0	34	56	+ 5	+ 7	7.2	+ 2.1	15.9	11
	Hindubagh	—	000	0	0	25	06	98	02	0	464	80	0	0	9	0	0	52	64	000	0	0	27	02	98	02	2	496	57	0	0	9	0	0	37	56	—	—	4.6	—	12.6	—
	Loralai	—	000	0	0	13	03	98	00	0	374	79	0	0	9	0	0	49	86	000	0	0	31	03	98	00	0	345	60	0	0	9	0	0	27	53	—	—	7.1	—	13.0	—
	Harnai	—	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	05	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	—	000	0	0	27	02	98	00	0	497	78	0	0	9	0	0	45	81	000	0	0	00	00	94	00	0	533	61	0	0	9	0	0	47	40	—	—	4.7	+ 3.6	10.2	8
	Chaman	—	000	0	0	20	00	96	00	0	509	84	0	0	9	0	0	45	86	000	0	0	09	02	97	00	0	519	61	0	0	9	0	0	32	60	+ 8	+ 8	0.1	— 0.1	6.2	7
Kalat	Kalat	—	000	0	0	31	02	97	00	0	518	74	0	0	9	0	0	25	78	000	0	0	18	09	97	00	0	553	53	0	0	9	0	2	25	44	+ 4	+ 5	6.3	+ 5.0	11.0	9
	Nushki	—	000	0	0	34	05	98	02	0	596	90	0	0	9	0	0	44	93	000	0	0	09	19	98	02	0	578	71	0	0	9	0	0	40	55	—	—	1.1	— 0.1	2.9	—
	Dalbandin	—	000	0	0	31	05	98	02	0	524	91	0	0	9	0	0	39	93	000	0	0	05	02	98	02	0	512	60	0	0	9	0	0	18	54	+ 6	+ 5	0.2	— 0.1	2.2	5
Afghanistan	Panjgur	—	000	0	0	13	02	98	02	0	514	88	3	0	9	4	0	49	99	000	0	0	36	02	98	00	0	519	66	0	0	9	0	0	58	58	+ 13	+ 4	2.5	—	4.1	4
	Kabul	—	000	0	3	05	03	98	02	0																																12
	Kandahar	—																																								—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 19th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch. h_s	0 T_sT_s T_dT_d	Id_wd_wPH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Krishimamaru	13 147	718 00	3 22 10	99 02 0	082 81	31 4 00	75 40 0	...	0 52 73	1 32 20
Roma	13 114	565 00	4 27 01	98 02 0	075 81	25 2 70	66 40 0	...	0 58 72	1 27 20
Udomaru	13 139	730 00	2 33 15	99 02 0	090 79	21 5 00	35 61 6	...	0 52 72	1 33 43
Victoria	13 244	661 00	1 05 02	98 02 0	143 81	00 9 01	86 10 0	...	0 52 73	1 05 xx
Toamaru	13 207	638 00	6 16 18	97 02 1	100 79	64 5 00	74 41 0	...	0 52 xx	...
Cheverney	13 262	575 03	4 10 09	98 02 0	130 82	42 5 00	75 21 8	...	0 53 75	1 10 39
Delila	13 261	509 03	3 14 16	98 02 0	110 81	31 6 00	76 21 0	...	0 54 79	1 14 21
Roma	13 116	550 06	7 27 05	98 02 2	095 79	61 1 72	66 00 0	...	0 53 73	1 27 20
Toamaru	13 217	631 06	3 11 18	98 02 1	130 82	22 5 30	74 31 0	...	0 04 xx	...
Cheverny	13 258	570 06	2 10 08	98 02 0	138 84	22 7 00	75 20 8	...	0 53 77	1 10 21
Krishinamaru	13 165	694 12	6 03 10	98 03 1	080 84	54 4 60	75 40 0	...	0 02 73	1 03 20
Delila	13 264	540 12	0 14 08	98 02 0	080 90	00 9 00	66 71 5	...	0 00 82	1 14 x0
Toamaru	13 223	620 12	3 11 18	98 02 1	110 81	34 5 00	74 40 0	...	0 00 xx	...
Molenkerk	13 238	657 12	5 00 00	98 03 1	113 82	52 5 00	55 30 4	...	0 53 77	1 20 23
President Jackson	13 219	653 15	3 14 05	98 02 0	125 79	31 4 00	37 10 7	...	0 53 70	1 18 22
Cheverny	13 263	550 15	0 07 05	98 02 0	096 86	00 9 00	65 30 6	...	0 52 77	1 07 xl
President Jackson	13 224	651 18	3 14 15	98 02 0	119 81	31 4 00	37 40 0	...	0 52 73	1 18 22
Shetland	13 141	513 18	2 26 05	xx xx x	079 79	20 9 10	66 30 0	...	0 55 72	1 20 53
Krishimamaru	13 174	680 18	2 20 10	99 02 0	096 82	28 4 00	75 20 6	...	0 91 73	1 09 20
Sophia	13 244	589 18	1 11 31	99 02 0	105 82	11 4 00	36 20 7	...	0 53 74	1 13 33
Molenkerk	13 203	644 18	1 16 02	98 02 0	126 81	11 5 00	55 40 0	...	0 52 70	1 16 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	..	Misda	...	...	...	...	..	...	...	—	—	..	
Jiwani														
Karachi	00 00	008 252 235	096 252 235	...	510 232 055	..	184 138 525	450 045 999	911 518 999	659 610 999	979 765	261 928	451 012	698 218
Lahore	00 00	...	Misda	..	..	..	.	—	...	—	...	—	—	...
Multan														
Peshawar														
Quetta	23 00	970xxx xxx	..	—	500 212 128	...	145 085 505	430 518 722	850 578 999	559 675 999	...	..	..	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_dT_dT_d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda		...	—	—	—	...	...	..	—	..
Jiwani													
Karachi	00 00	900 252 052	800 205 058	—	..	...	-	—	...	—	800 205 058	...	—
Lahore	00 00	...	Misda	..	—	...	...	...	...	...	...	...	...
Multan													
Peshawar													
Quetta	23 00	932 240 160	900 232 155	800 172 092	760 128 028	350 718 999	325 740 999	..	—	..	325 740 999	—	..

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									A 0000 hrs. G.M.T. † of date: (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent	..	...	..	...	...	..	..	No	Ascent	—	..	—	...	No	Ascent	—	..	...	—	...	..	—	..	—
Chaklala	...	...		...		...		...	...	...	...		...	..	..											
Chitral	25 06	25 05	30 04	03 02	09 06	04 10				27 13	2 07	29 05	..		...	38 03	30 03	36 01	09 02	12 04	12 04	03 08	10 08	04 11	03 13	02 [illegible]
Chittagong	29 12	32 13	02 12	31 09	29 05	29 03	09 05	31 06	30 05	02 10	02 08	01 07	03 05	03 05	02 03	35 07	02 05	02 05	[illegible] 07	04 02	08 07	20 03	35 03	34 13	31 26	..
Cox's Bazar	32 05	32 05	34 06							04 10	03 10	03 08	04 05	04 08	09 05	36 05	36 05	05 05	05 07	08 04	09 04					
Dacca	28 03	28 05	27 07	24 06	22 04	30 05	27 03	32 10	33 12	06 07	05 04	35 04	26 03	31 02	33 07	02 03	05 01	35 02	35 01	35 02	32 02	32 15	04 06	09 03	11 06	14 [illegible]
Dalbandin	...	—	11 07	07 06	06 06	05 08	06 05	24 03	30 09	...	—	08 05	03 03	36 06	36 10	—	...	08 04	09 07	01 04	03 11	26 19	03 08	34 02	29 10	21 [illegible]
D.I. Khan	.	-	—							—	...	—				...	...	—	...							
Drosh	—	.			21 08	20 12	16 08	12 03	18 10	—	...	...	16 03	18 10	22 07	...	...	—	...	21 03	19 03	35 03	35 07	33 03	22 05	27 [illegible]
Fort Sandeman				23 06	21 09	16 06	28 13	28 21	27 27	...	...		21 06	30 06	34 07				23 04	28 03	23 03	29 11	29 20	30 22	29 27	26 [illegible]
Jacobabad	22 10	23 10	23 07	24 07	32 07	31 07	33 05	28 05	30 10	14 10	16 05	25 03	29 03	27 08	35 10	20 03	06 03	13 01	25 03	01 06	02 06	35 05	25 11	28 09	30 08	
Jessore	01 05	35 05	29 05	26 08		...		...	...	09 04	09 04	08 04	06 03	06 03	06 02	03 02	36 02	34 01	31 02	...	...					
Jhelum	18 02	20 03	20 03	32 08	32 08	30 11	30 12	29 15	28 19	36 01	19 01	27 04	30 11	32 12	32 10	21 01	21 04	20 04	30 07	32 08	30 17	33 09	20 09	28 10	28 15	28 [illegible]
Jiwani	13 11	11 16	09 18	07 18	09 27	08 27	11 15	11 18	12 18	01 02	10 03	09 07	12 12	11 12	15 09	28 01	15 01	15 03	17 07	17 12	14 09	10 09	12 05	10 07	15 08	19 [illegible]
Karachi	24 08	24 06	31 02	13 07	13 11	33 02	07 06	11 12	11 17	31 13	30 12	30 07	32 02	08 04	06 02	28 05	31 08	31 08	02 05	14 03	09 04	07 07	05 10	10 10	19 14	—
Khanpur	26 07	27 18	27 11	25 11	24 98	20 05	31 98		...	27 07	28 07	27 08	26 09	24 10	24 08	25 04	28 06	29 06	04 03	01 03	09 09	05 05	31 11	35 15	33 14	-
Lahore	32 03	28 03	23 04	27 05	31 09	32 11	33 13	30 12	29 13	15 02	33 04	31 06	30 10	33 11	33 11	20 01	18 04	17 01	36 05	34 08	35 13	31 10	02 05	30 04	28 17	
Multan	19 03	22 03	22 03	20 05	18 06	10 03	28 17	29 23	30 21	15 05	17 04	27 04	30 01	31 06	05 09	17 03	17 05	17 08	33 03	30 03	04 05	36 06	31 11	30 79	29 73	28 [illegible]
Muscat	—	—	-	—	—	—	—	...	—	...	—		—	—		—	-	...			...	...	...		...	..
Panjgur	...					...		...	...	—	—		...	—	...	—	—	...	...		...	..	...			...
Peshawar	...	07 05	13 05	17 09	24 10	24 10	30 13	30 21	28 23	..	—	...	..			...	...	—	..							...
Quetta	...	...	...	...	29 08	21 03	29 08	28 21	25 22	..	..	...	..	35 36	32 09	...	.		..	05 03	35 11	30 11	31 06	xx xx	30 39	-
Sharjah				...			...		...	...			...													
Sylhet	26 08	29 05	25 04	27 07	27 05	28 06	03 08	06 07	...	10 05	10 05	07 04	29 01	30 04	28 03	15 04	12 05	12 05	04 02	02 02	28 04	33 03	27 05	24 05	06 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	31 14	30 11	30 08	29 04	08 04	04 06	09 06	11 11	11 11	09 11	01 05	15 10	11 11	11 06	23 02	16 04	...	...
Peshawar	Misda	—	...	..			—	~	—	...	...		...	—	...	...	—	—
Quetta																		

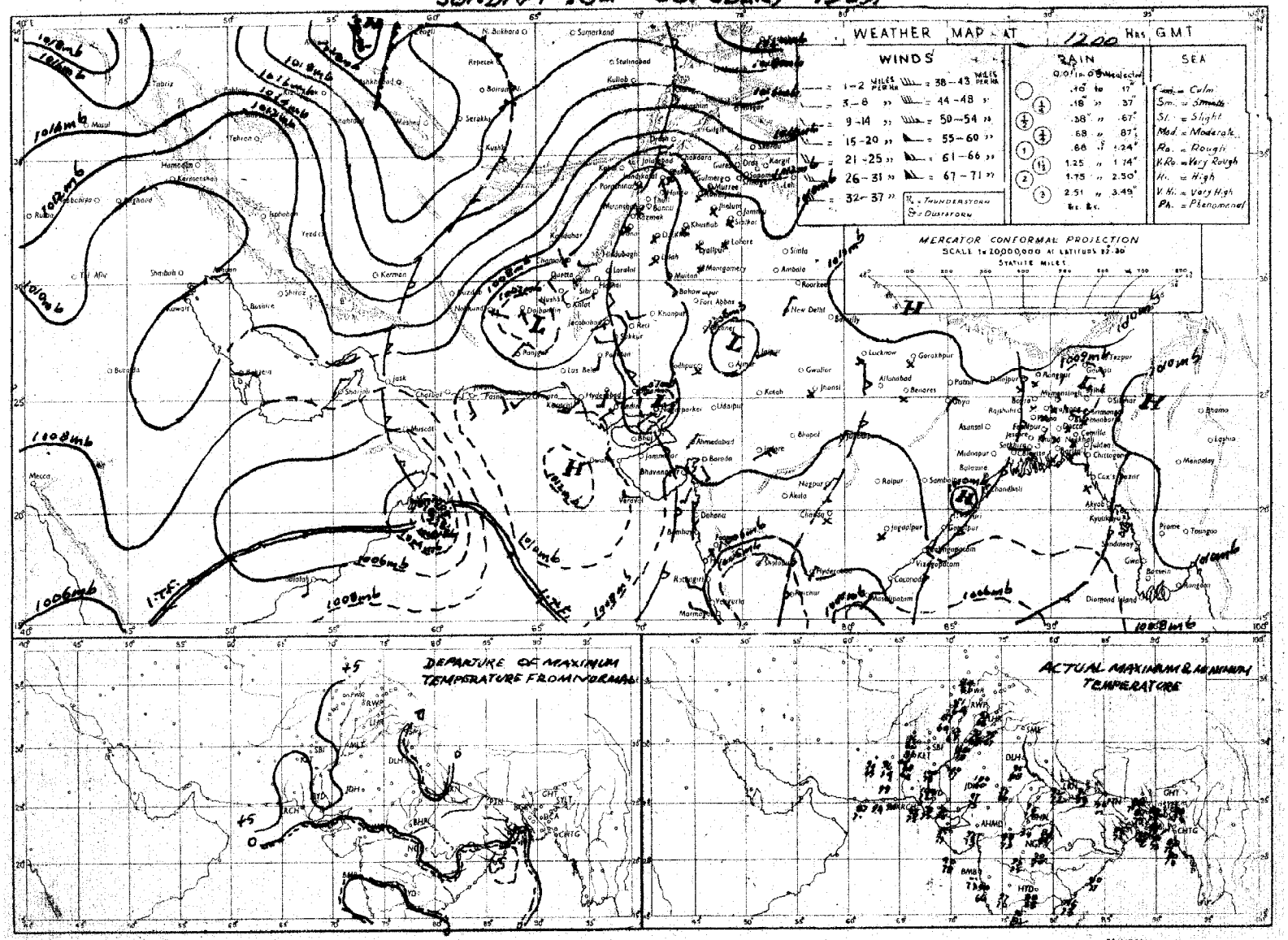
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 18th OCTOBER, 1959.



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

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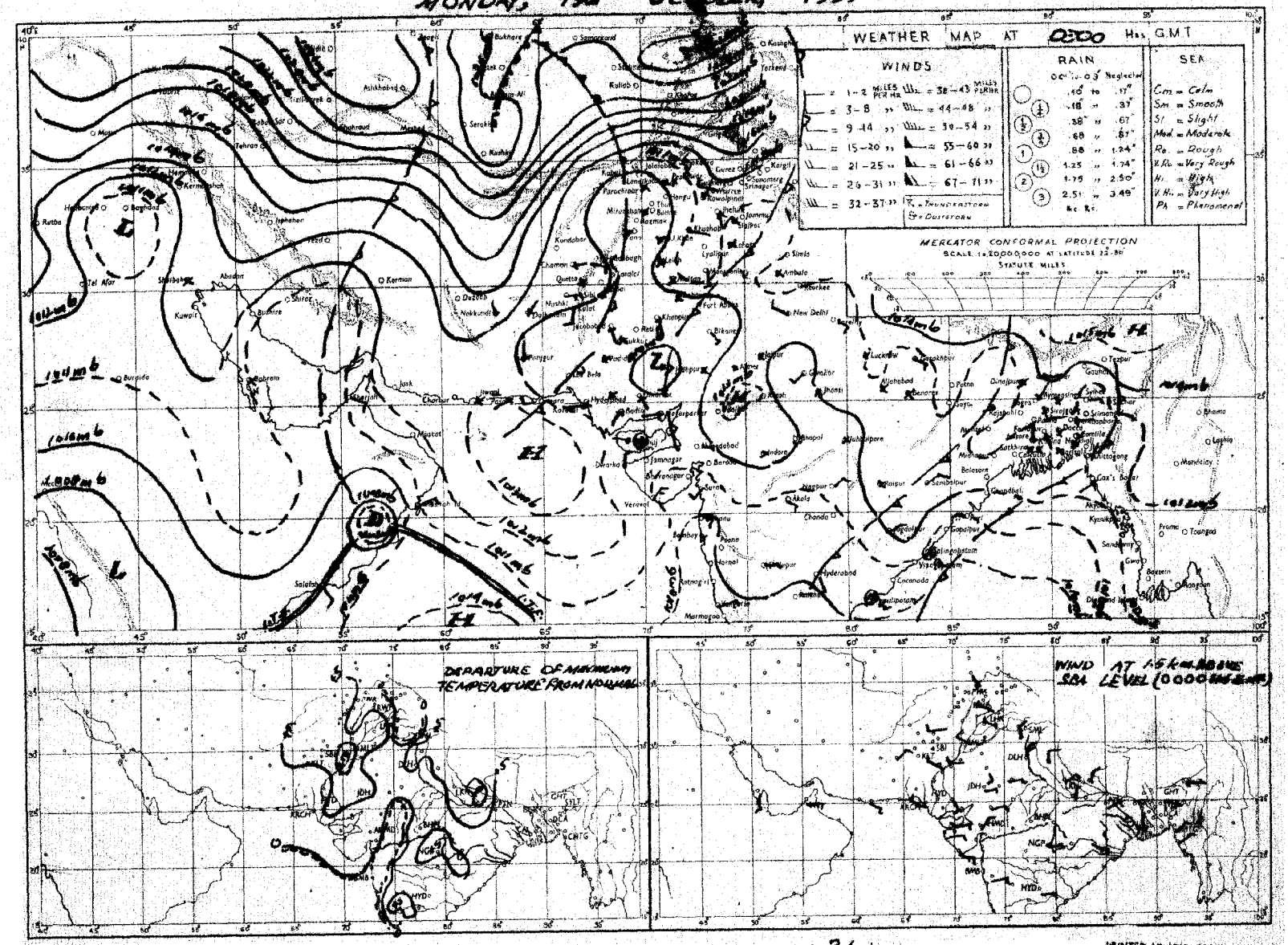
PAKISTAN DAILY WEATHER MAP

MONDAY, 19th OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 20th OCTOBER, 1959.

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

Yesterday's deep depression weakened into a depression last evening and now lies as a low over Saudi Arabia.
The western disturbance over east Russian Turkistan is moving away eastwards with its trough still extending to Peshawar division.
Low over Rajasthan is less marked.
Isolated thunderstorm is reported from Chittagong division. Weather, otherwise, remained dry over the country.
Day temperatures were:- 3—7°F above normal over West Pakistan outside Lahore and coastal Kalat divisions.
Forecast valid until the evening of 21st October, 1959. Scattered thunderstorms/showers may occur in Chittagong, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 19th October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at § (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature ** (TdTd)	Maximum temperature of (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at § (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature ** (TdTd)	Minimum Temperature of (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	1	3	29	03	95	17	9	102	83	2	9	7	5	0	76	88	000	0	2	02	03	97	01	0	134	84	1	0	7	2	77	73	120.6	+ 1	0	136.4	+ 6.7	140
	Chittagong	000	1	0	00	00	xx	00	0	079	85	9	x	0	x	x	76	88	000	0	1	02	02	97	01	1	142	86	1	1	8	0	0	78	73	+ 3	0	96.6	+14.8	128.6	108
	Maijdee Court	000	9	0	00	00	94	00	0	111	84	0	0	9	0	0	78	89	000	0	0	00	00	97	00	0	140	85	0	0	9	0	0	77	76	+ 2	+ 2	103.9	+13.5	125.7	115
	Comilla	000	0	1	00	00	xx	01	1	104	82	1	1	5	0	0	76	88	000	0	2	00	00	97	03	1	148	85	2	1	5	0	0	76	75	+ 1	+ 2	74.9	+ 7.0	100.9	94
	Brahmanbaria	000	0	1	00	00	xx	13	0	097	79	1	9	6	0	0	74	86	000	3	4	09	02	96	01	4	140	81	4	5	5	0	0	75	72	—	—	54.3	+ 1.4	60.3	76
	Sylhet	000	0	0	00	00	xx	02	0	102	81	0	0	9	0	0	75	90	000	0	0	00	00	96	02	0	145	84	0	0	9	0	0	77	68	—	—	150.7	—	188.4	—
	Srimangal																																			0	2	73.8	+10.1	105.8	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	105	83	0	0	9	0	0	75	89	000	0	0	00	00	98	00	0	149	84	0	0	9	0	0	77	74	+ 2	0	80.7	+20.9	114.9	91
	Narayanganj	000	9	1	00	00	xx	03	1	096	85	1	0	9	3	0	75	91	000	9	1	09	02	97	01	0	145	87	1	5	5	0	0	74	78	+ 9	+ 3	78.7	+26.6	99.0	74
	Dacca (Tejgaon)	000	0	1	00	00	98	13	1	098	84	1	3	6	0	0	75	88	000	0	3	00	00	97	03	0	136	85	3	1	4	0	0	73	75	—	—	84.4	—	108.0	—
	Faridpur	000	9	2	00	00	96	01	1	101	85	2	3	8	0	0	75	89	000	9	2	00	00	97	05	0	140	86	2	5	8	0	0	76	75	+ 2	+ 1	84.2	+23.6	112.5	71
	Barisal	000	0	4	00	00	97	03	2	099	88	4	0	8	4	0	76	90	000	0	3	13	01	97	02	2	140	87	3	6	6	0	0	77	80	+ 3	+ 6	116.3	+56.1	131.1	81
Rajshahi	Khulna	000	0	0	00	00	93	00	0	106	86	0	0	9	0	0	75	89	000	0	0	00	00	97	00	0	148	87	0	0	9	0	0	75	79	+ 2	+ 6	51.5	— 0.5	68.8	68
	Satkhira	000	0	0	00	00	96	00	0	106	84	0	0	9	0	0	78	89																		0					85
	Jessore	000	0	3	36	02	97	01	2	106	85	3	4	6	0	0	76	90	000	0	1	05	02	97	01	0	145	81	1	0	9	6	0	77	76	+ 1	+ 2	67.9	+20.9	102.0	65
	Sirajganj	000	0	0	00	00	94	00	0	090	82	0	0	9	0	0	78	89	000	0	0	00	00	98	00	0	141	86	0	0	9	0	0	74	76	+ 2	+ 3	82.6	+33.8	107.4	64
	Bogra	000	0	0	00	00	xx	00	1	100	83	0	0	9	0	0	77	87	000	0	1	00	00	97	03	0	143	85	1	5	6	0	0	74	76	—	+ 3	84.2	+29.6	104.2	69
	Dinajpur	000	0	0	00	00	xx	00	0	087	85	0	0	9	0	0	75	90	000	0	0	00	00	94	00	0	142	85	0	0	9	0	0	75	75	+ 3	+ 3	49.5	— 10.3	66.9	72
	Rangpur	000	0	4	00	00	96	01	2	xxx	83	4	0	9	0	0	74	88	000	0	1	00	03	96	01	0	xxx	83	1	0	9	1	0	77	74	+ 1	+ 3	72.1	+ 5.0	92.0	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	00	0	097	89	0	0	9	0	4	67	95	000	0	0	00	00	96	02	0	146	77	0	0	9	0	0	67	67	+ 1	+ 9	21.8	— 2.8	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	093	86	0	0	9	0	0	68	91	000	0	0	00	00	97	00	0	142	80	0	0	9	0	0	68	70	— 1	+ 9	32.6	+28.8	58.4	22
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	091	88	0	0	9	0	0	67	94	000	0	0	00	00	96	02	0	150	71	0	0	9	0	0	67	66	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	097	85	0	0	9	0	0	65	92	000	0	0	07	02	97	00	0	157	69	0	0	9	0	0	61	62	+ 3	+ 6	38.8	+14.9	31.8	36
	Khushab	000	0	0	00	00	99	00	0	095	93	0	0	9	0	0	60	95	000	0	0	00	00	97	00	0	153	75	0	0	9	0	0	60	67	+ 1	+ 5	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	098	92	0	0	9	0	0	66	95	000	0	0	13	02	96	00	0	140	75	0	0	9	0	0	59	70	+ 2	+ 9	14.5	+ 5.2	17.3	13
	Montgomery	000	0	0	00	00	96	00	0	092	91	0	0	9	0	0	69	99	000	0	0	00	00	96	00	0	137	71	0	0	9	0	0	59	70	+ 3	+ 7	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	089	98	0	0	9	0	0	58	00	000	0	0	00	00	98	00	0	135	81	0	0	9	0	0	53	73	+ 6	+ 11	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	000	0	0	31	02	98	00	0	085	99	0	0	9	0	0	68	00	000	0	0	00	00	97	04	0	086	71	0	0	9	0	0	65	60	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	00	00	96	02	0	083	97	0	0	9	0	0	66	00	000	0	0	05	02	96	02	0	126	79	0	0	9	0	0	59	70	+ 5	+ 9	0.5	— 3.7	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	090	95	0	0	9	0	0	70	01	000	0	0	00	00	97	00	0	133	82	0	0	9	0	0	64	66	+ 7	+ 5	5.5	— 1.3	6.5	6
	Fort Abbas	000	0	0	02	02	98	00	0	079	95	0	0	9	0	0	54	02	000	0	0	07	03	98	00	0	943	80	0	0	9	0	0	62	xx	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	23	03	99	00	0	097	85	0	0	9	0	0	58	86	000	0	0	00	00	98	00	0	165	63	0	0	9	0	0	59	60	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	089	94	0	0	9	0	0	61	89	000	0	0	00	00	96	05	0	150	70	0	0	9	0	0	61	66	+ 2	+ 6	9.7	+ 5.1	23.5	14
	Peshawar	000	0	0	09	04	97	00	0	072	86	0	0	9	0	0	55	92	000	0	0	23	04	97	00	0	127	75	0	0	9	0	0	59	66	—	—	21.1	—	32.0	—
	Peshawar	000	0	0	27	00	98	00	0	107	92	0	0	9	0	0	69	93	000	0	0	13	02	98	00	0	171	72	0	0	9	0	0	61	63	—	—	22.0	—	35.9	—
	Campbellpur																																								—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	080	88	0	0	9	0	0	65	92	000	0	0	00	00	99	00	0	129	72	0	0	9	0	0	59	66	—	—	9.3	—	12.4	11
	D. I. Khan	000	6	0	00	00	98	00	0	084	94	0	0	9	0	0	72	97	000	0	0	00	00	98	00	0	133	74	0	0	9	0	0	62	65	+ 4	+ 4	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	23	02	99	00	0	078	91	0	0	9	0	0	44	03	000	0	0	27	02	99	00	0	134	73	0	0	9	0	0	49	71	—	—	4.9	—	5.2	5
	Nokkundi	000	0	0	18	02	99	02	0	080	95	0	0	9	0	0	36	97	000	0	0	36	02	99	02	0	157	74	0	0	9	0	0	34	69	—	—	0	—	1.1	2
	Turbat	000	0	0	18	02	95	00	0	102	99	0	0	9	0	0	75	00	000	0	0	13	02	96	00	0	135	75	0	0	9	0	0	67	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	23	05	97	02	0	117	84	0	0	9	0	0	69	87	000	0	2	27	05	96	05	0	141	77	0	0	9	0	1	74	75	—	—	0.3	—	5.9	4
	Pasni	000	0	1	20	17	97	00	0	106	86	1	2	7	0	0	63	91	000	0	0	29	03	97	00	0	138	74	0	0	9	0	0	69	69	—	1	+ 2	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	09	98	00	0	101	85	0	0	9	0	0	76	87	000	0	0	00	00	98	00	0	137	77	0	0	9	0	0	71	73	—	—	2.1	+ 1.3	4.1	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	27	10	98	02	0	100	86	0	0	9	0	0	79	88	000	0	0	31	09	95	05	0	126	79	0	0	9	0	0	72	77	0	+ 4	16.5	+14.0	16.5	8
	Karachi (Air Port)	000	0	2	23	07	97	03	0	095	91	2	0	6	0	0	69	94	000	0	0	00	00	97	02	0	129	74	0	0	9	0	0	73	73	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	97	00	0	090	95	0	0	9	0	0	66	01	000	0	0	23	02	96	00	0	127	81	0	0	9	0	0	78	77	+ 6	+ 9	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	8	00	00	97	02	3	086	94	8	7	7	0	0	75	98	000	0	0	00	00	98	00	0	132	87	0	0	9	0	0	68	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	3	31	02	98	00	1	091	93	2	6	0	0	0	67	01	000	0	0	18	02	98	00	0	134	78	0	0	9	0	0	72	72	—	—	19.5	—	20.3	—
	Hyderabad	000	0	2	18	05	97	03	0	089	95	2	8	6	0	0	63	00	000	0	0	00	00	97	02	0	125	79	0	0	9	0	0	65	74	+ 2	+ 4	14.6	+ 8.6	13.4	7
Khairpur	Padidan	000	0	1	31	03	98	01	0	084	90	1	1	6	0	0	52	03	000	0	0	00	00	97	02	0	124	78	0	0	9	0	0	67	69	—	—	7.3	—	7.4	—
	Nawabshah	000	0	1	18	05	97	01	0	094	98	1	2	6	0	0	77	03	000	0	0	00	00	97	02	0	127	89	0	0	9	0	0	69	70	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	36	02	96	00	0	085	95	0	0	9	0	0	71	01	000	0	0	00	00	96	00	0	125	78	0	0	9	0	0	64	73	—	—	2.5	—	4.6	4
	Kashmore	000	0	0	xx	xx	99	00	0	085	97	0	0	9	0	0	59	01	000	0	0	xx	xx	99	00	0	125	75	0	0	9	0	0	57	65	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	18	02	97	02	0	087	98	0	0	9	0	0	64	00	000	0	0	00	00	97	02	0	132	77	0	0	9	0	0	46	72	+ 3	+ 8	3.8	+ 1.5	4.5	4
Junagadh Afghanistan	Veraval																																								20
	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								26
	Srinagar																																								71
	Gulmarg																																								26
	Sonamarg																																								5
	Dras																																								6
	Leh																																								—
	Skardu																																								—
	Minar																																								5
	Allahabad																																								—
	Gilgit																																								59
Rawalpindi	Murree	000	0	2	27	20	98	00	0	514	64	0	0	9	0	0	51	66	000	0	0	27	05	98	00	0	551	57	0	0	9	0	0	43	52	+ 1	+ 3	52.5	+15.6	77.7	18
Peshawar	Drosh	000	0	0	23	05	98	02	0	509	79	0	0	9	0	0	39	89	000	0	0	00	00	98	02	0	547	62	0	0	9	0	0	42	61	+ 13	+ 9	1.5	—	30.7	18
	Chitral	000	0	0	18	01	98	00	0	527	75	0	0	9	0	0	70	80	000	0	0	18	02	98	10	0	542	61	0	0	9	0	0	56	59	+ 4	+ 2	20.9	+ 8.5	30.9	29
	Kakul	000	0	1	20	05	97	01	0	518	75	1	5	8	0	0	48	81	000	0	0	31	02	96	00	0	545	66	0	0	9	0	0	49	59	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	13	02	98	00	0	508	79	0	0	9	0	0	52	84	000	0	0	00	00	98	00	0	534	67	0	0	9	0	0	51	xx	—	—	2.8	—	18.5	—
D. I. Khan	Peshkhar																																								39
	Miranshah	000	0	0	00	00	99	00	0	511	84	0	0	9	0	0	47	96	000	0	0	00	00	99	00	0	531	68	0	0	9	0	0	46	62	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	11	03	99	00	0	485	82	0	0	9	0	0	21	85	000	0	0	00	00	99	00	0	529	59	0	0	9	0	0	32	58	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	0	00	00	98	02	0	509	85	0	0	9	0	0	41	88	000	0	0	00	00	97	02	0	544	65	0	0	9	0	0	36	55	+ 6	+ 6	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	20	08	96	07	0	461	78	0	0	9	0	0	34	83	000	0	0	31	03	98	00	0	510	58	0	0	9	0	0	23	57	—	—	4.6	—	12.6	—
	Loralai	000	0	0	16	09	98	00	0	361	79	0	0	9	0	0	44	85	000	0	0	31	03	98	00	0	335	60	0	0	9	0	0	27	52	—	—	7.1	—	13.0	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	13.0	14
	Quetta	000	0	0	00	00	97	00	0	502	78	0	0	9	0	0	48	81	000	0	0	00	00	95	00	0	550	60	0	0	9	0	0	46	41	—	—	4.7	+ 3.6	10.2	6
	Chaman	000	0	0	27	02	97	00	0	518	85	0	0	9	0	0	41	87																		+ 8					7
Kalat	Kalat	000	0	0	31	03	98	00	0	520	72	0	0	9	0	0	43	77	000	0	0	16	02	98	00	0	568	65	0	0	9	0	0	43	44	+ 3	+ 5	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	31	05	98	02	0	586	90	0	0	9	0	0	44	92	000	0	0	09	05	98	02	0	599	73	0	0	9	0	0	53	67	—	—	1.1	—	2.9	—
Afghanistan	Chaman	000	0	0	13	02	98	02	0	528	91	0	0	9	0	0	39	93	000	0	0	00	00	97	02	0	532	66	0	0	9	0	0	36	55	+ 6	+ 6	0.2	— 0.1	2.2	5
	Jalalabad	000	0	0	31	03	98	00	0	526	90	0	0	9	0	0	24	98	000	0	0	36	02	98	00	0	565	65	0	0	9	0	0	46	58	+ 4	+ 4	2.5	—	4.1	4
	Kabul																																								12
	Kandahar																																								—

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 20th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhClhCMCH	DsVs a PP	8 Ns Chs hs	0 Ts Ts Td Td	1 dw dw Pw Hw
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kirshimamaru	23 184	670 00	3 02 08	99 02 0	090 79	75 4 50	75 21 0	—	0 52 73	1 02 20
Sa'zhedan	23 ·33	743 00	1 00 00	97 05 1	064 80	00 9 00	76 40 0	—	0 00 76	1 00 x0
Princess	23 223	616 06	2 14 06	99 03 0	142 81	22 5 00	36 21 4	...	0 00 72	1 14 32
President	23 181	650 05	2 02 05	98 02 0	139 78	21 4 00	57 21 4	...	0 53 71	1 02 x0
Molenkerk	23 213	617 06	3 17 06	98 02 0	147 81	31 4 00	55 11 2	...	0 02 77	1 17 21
Cheverny	23 274	513 06	0 13 05	98 02 0	128 86	00 9 00	75 22 0	...	0 52 79	—
Kishinmaru	23 193	658 06	2 02 08	99 02 0	122 81	28 4 00	75 40 0	—	0 00 72	1 02 20
Calidonia	23 161	540 06	6 23 13	98 03 2	114 83	12 5 90	16 21 0	...	0 51 79	1 23 x2
President	23 176	640 08	2 02 04	99 02 0	129 79	21 4 00	67 71 0	..	0 32 72	1 29 21
Kirshimamaru	23 201	647 12	1 02 08	99 02 0	103 82	00 9 40	75 81 7	..	0 02 73	1 02 20
Amra	23 209	687 12	1 32 09	99 02 0	097 84	13 4 40	55 21 0	..	0 00 79	1 32 21
Tidehmaru	23 227	612 12	3 13 02	97 02 0	123 30	31 4 00	36 50 3	—	0 10 xx	1 13 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 268 245	000 232 108	...	500 175 135	...	152 085 999	405 505 999	844 575 999	552 668 999	965 815	—	..	.
Jiwani ...														
Karachi ...	00 00	009 245 232	094 245 238	—	500 230 999	..	167 090 999	418 015 999	876 540 999	601 662 999	971 762	253 922	445 012	702 110
Lahore ...	00 00	Misda	..	..		..	—	—	...	..	—	—	—	—
Multan ...														
Peshawar ...														
Quetta ...	00 00	971 212 175	..	—	480 198 148	—	150 085 042	xxxxxxxxx	838 598 712	535 675 999	...	.	..	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 198 172	...		—	—	—	..	—	..	900 198 172	—	..
Jiwani ...													
Karachi ...	00 00		..	—	..	...	—	—	—	—	100 110 999	...	—
Lahore ...	00 00	Misda	..	..	—	..	...	—	...	—	...	...	—
Multan ...													
Peshawar ...													
Quetta ...	00 00	900 218 165	800 160 110	350 178 999	—	—	—	..	—	..	350 178 999	—	..

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

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

UPPER WIND DATA*

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 ...	30 01	30 04	30 05	27 07	27 05	25 07	...	..	..
Chaklala ...									
Chhor ...	24 10	26 02	26 08	30 05	35 04	07 10	08 13	03 58	04 13
Chittagong ...	30 21	31 21	31 15	33 09	34 07	31 04	05 02	29 02	31 09
Cox's Bazar ...	30 06	29 07	30 04	25 01					
Dacca ...	32 04	32 06	32 06	30 09	23 04	24 04	31 01	34 13	02 07
Dalbandin ...	—	—	09 09	11 03	14 04	34 09	09 02	10 02	21 03
D. I. Khan ...	..	—	—						
Drosh ...	—	—	—		20 01	20 15	18 28	17 29	23 13
Fort Sandeman ...		..	—	25 03	23 05	27 07	30 09	31 22	29 18
Jacobabad ...	19 03	20 01	24 01	23 01	35 05	34 05	33 10	32 09	33 10
Jessore ...	35 01	34 03	30 30	23 03	19 04	22 02	01 05	31 03	
Jhelum ...	21 03	25 04	27 07	20 11	33 23	35 09	35 13	33 11	31 14
Jiwani ...	24 08	29 05	28 03	24 01	23 05	12 05	09 05	04 04	
Karachi ...	27 09	27 08	27 04	29 03	32 05	05 04	06 04	47 09	09 08
Khanpur ...	33 03	35 02	01 02	06 04	04 03	02 04	34 12	34 16	31 19
Lahore ...	28 03	27 03	30 03	28 04	32 08	34 12	24 13	36 13	36 08
Multan ...	04 01	14 02	15 03	26 04	28 04	35 05	34 09	34 13	32 17
Muscat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	—	—	—	—	—	—
Peshawar ...	...	—	..	—			—	—	
Quetta ...	—	—	—	—	30 07	33 05	01 04	31 13	30 18
Sharjah ...									
Sylhet ...	29 07	30 04	28 05	23 04	23 03	22 05	04 01	34 05	13 07
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
Bogra ...	03 03	01 06	36 06	35 07	33 08	25 10
Chaklala ...		09 06	31 03	30 08	31 04	28 10
Chhor ...	27 10	32 19	35 10	01 13	01 10	01 05
Chittagong ...	04 07	03 04	01 06	03 08	04 05	36 05
Cox's Bazar ...	03 07	03 07	03 07	03 05	05 05	05 04
Dacca ...	04 07	02 05	35 07	02 05	02 04	32 05
Dalbandin ...	—	—	12 04	03 12	01 07	33 09
D. I. Khan ...	—	—	—			
Drosh ...	—	—	—	23 01	22 04	23 07
Fort Sandeman ...	—	—		23 03	31 06	34 08
Jacobabad ...	14 02	10 02	09 04	19 10	34 09	35 11
Jessore ...	13 03	08 03	02 05	04 05	05 02	36 02
Jhelum ...	10 04	32 02	31 04	31 09	32 09	32 07
Jiwani ...	28 15	31 10	32 09	05 06	07 11	08 10
Karachi ...	31 17	31 17	30 13	10 04	09 08	06 21
Khanpur ...	01 06	04 04	11 06	19 04	17 07	10 06
Lahore ...	15 07	36 02	36 04	35 05	36 06	35 15
Multan ...	16 10	17 08	17 08	24 09	24 09	36 07
Muscat ...	—	—	—	—	—	
Panjgur ...	—	—	..	..	...	—
Peshawar ...	..	—	...	..		—
Quetta ...	..	..	—	..	35 03	30 11
Sharjah ...						
Sylhet ...	09 13	09 15	09 13	08 11	06 10	04 07
Varawal ...	—	—	—			...

Height in Kms. a.s.l. →	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	xx xx	03 01	04 03	01 06	36 06	...	...	...	...	..	—
Chaklala ...											..
Chhor ...	36 05	04 08	04 09	02 09	05 07	35 07	01 14	02 18	01 22	36 19	..
Chittagong ...	32 03	33 04	35 04	35 05			..	—	—	...	—
Cox's Bazar ...	32 07	36 03	02 05	01 04	04 05	04 03					
Dacca ...	34 04	35 04	01 06	xx xx	xx xx	35 02	35 05	33 05	19 13	29 13	25 12
Dalbandin ...	—	—	07 09	04 12	36 14	34 10	21 11	31 09	24 11	27 12	28 17
D. I. Khan ...	—	—	—	—							
Drosh ...	—	—	—		23 07	18 09	20 14	20 18	20 19	19 19	19 36
Fort Sandeman ...		...	...	22 03	29 05	28 02	30 01	30 17	29 19	28 26	27 37
Jacobabad ...	10 01	11 02	11 03	03 02	05 01	05 09	06 18	36 12	35 12	30 13	30 17
Jessore ...	29 01	07 01	03 03	01 06	05 06						
Jhelum ...	09 01	29 01	29 05	31 09	32 03	31 03	34 10	27 11	28 19	27 22	27 41
Jiwani ...											
Karachi ...	34 07	36 10	36 10	35 05	01 04	03 06	07 16	06 15	03 08	34 08	35 11
Khanpur ...	14 03	12 06	12 05	01 04	35 05	05 09	03 14	01 22	36 21		
Lahore ...	20 05	19 04	34 05	04 07	01 08	02 06	02 04	27 05	27 12	27 17	27 22
Multan ...	12 05	16 09	16 09	23 03	27 07	01 04	04 12	06 08	35 21	33 18	30 19
Muscat ...	—	—	...	—		...	—	..	—	...	...
Panjgur ...	—	—	..							—	—
Peshawar ...	—	01 06	35 06	35 05	29 03	29 09	30 26	28 19	28 17	28 22	27 44
Quetta ...	—	..	...		31 12	34 11	01 10	28 05	34 07	32 08	32 09
Sharjah ...				—		..			...	...	..
Sylhet ...	19 01	19 03	11 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...					01 03	31 06	31 05	30 08	30 12	29 12	26 04	28 13				—	—	
Karachi ...	32 12	34 12	30 12	03 09	11 07	11 12	16 10	19 04	14 06	10 10	10 17	10 31	10 33	13 37	12 66	—	—	—
Peshawar ...	Misda	—	—	—			...	—	—	...	...	..	—	...	...	—	—	
Quetta ...																		

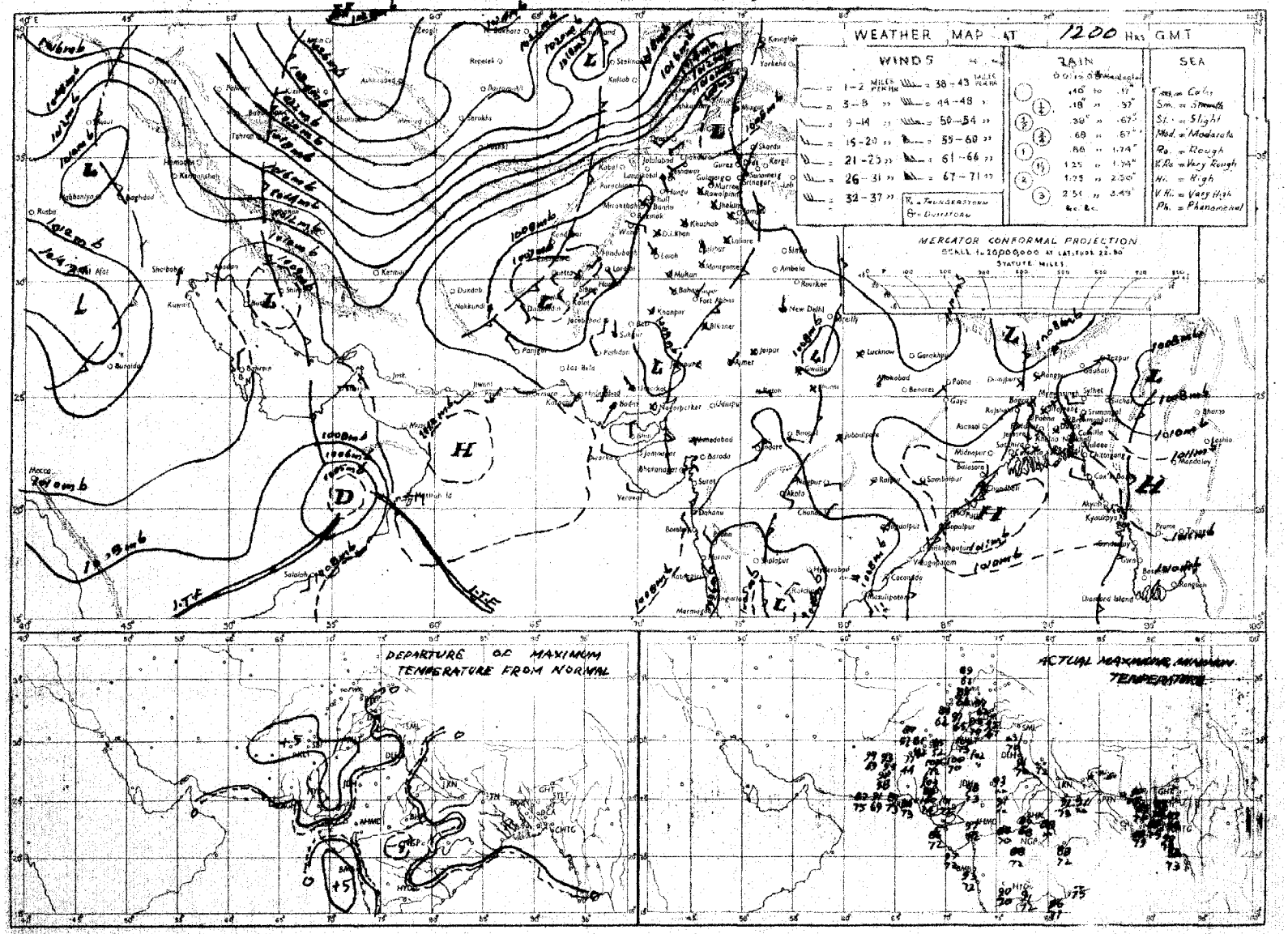
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

MONDAY, 9th OCTOBER, 1959.



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

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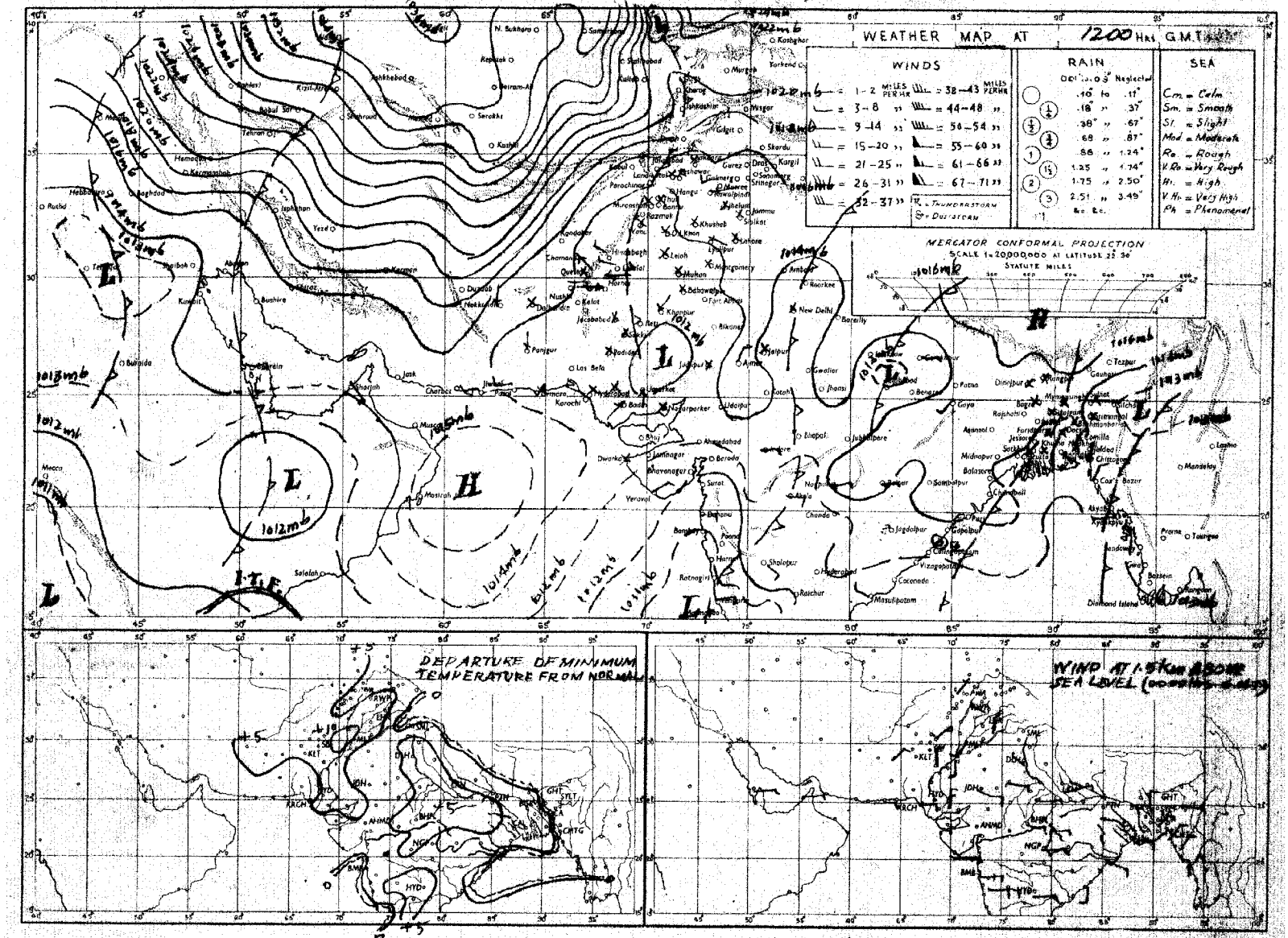
PAKISTAN DAILY WEATHER MAP

TUESDAY 20th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 21st OCTOBER, 1959.

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

Yesterday's western disturbance over east Russian Turkistan moved away eastwards.
A low pressure wave is moving accross Afghanistan.
Isolated thunderstorm is reported from Peshawar division and light rain/drizzle from Dacca and Rajshahi divisions.
Day temperatures were:- 3—7°F above normal over the country outside Chittagong, Lahore and Rawalpindi divisions.
Forecast valid until the evening of 22nd October, 1959. Scattered thunderstorms/showers may occur in D. I Khan, Peshawar and Rawalpindi divisions. Weather will be dry elsewhere over the country.

Karachi-11
The 21st October, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	29	05	95	01	0	106	82	1	2	7	4	2	75	87	000	0	4	29	02	97	02	0	134	84	1	1	7	4	9	77	75	0	+ 2	120.6	+ 6.5	136.4	160
	Chittagong	000	0	0	00	00	xx	00	0	098	84	9	x	0	x	x	75	88	000	0	3	00	00	97	03	1	133	84	0	0	9	1	1	77	74	+ 3	+ 2	96.6	+14.6	128.6	108
	Maijdee Court	000	9	0	00	00	94	00	0	110	85	0	0	9	0	0	76	89	000	0	0	00	00	97	00	0	129	85	0	0	9	0	0	78	74	+ 2	+ 4	103.9	+13.3	135.7	115
	Comilla	000	0	0	00	00	xx	01	1	112	83	1	1	5	0	0	76	88	000	0	3	05	02	97	03	1	140	85	1	2	5	4	0	75	76	+ 1	+ 3	74.9	+ 6.8	100.9	94
	Brahmanbaria	000	0	1	00	00	xx	02	0	104	80	1	1	6	0	0	74	88	000	3	2	09	02	97	01	4	135	81	1	5	6	3	0	71	xx	—	—	54.3	+ 1.2	80.3	76
	Sylhet	000	0	1	00	00	xx	01	0	106	83	1	1	7	0	0	76	89	000	0	4	00	00	96	03	1	138	81	1	1	6	3	0	76	78	—	—	150.7	—	188.6	—
	Srimangal	—																																		— 1	+ 9	73.8	+ 9.9	105.9	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	109	85	0	0	9	0	0	73	90	000	0	2	09	02	98	01	1	140	83	3	4	5	0	0	76	77	+ 3	+ 5	80.7	+20.7	110.9	91
	Narayanganj	000	9	1	00	00	xx	02	1	105	84	1	3	6	0	0	75	89	000	9	3	00	00	97	00	0	137	85	3	7	6	3	0	74	78	+ 4	+ 4	78.7	+26.5	99.0	74
	Dacca (Tejgaon)	000	9	1	00	00	98	02	1	105	84	1	3	6	0	0	75	89	000	9	4	00	00	97	03	0	115	79	0	0	9	0	0	75	76	—	—	84.4	—	100.0	—
	Faridpur	000	9	2	00	00	96	05	0	104	85	2	4	8	0	0	75	89	000	0	4	13	02	97	03	2	141	86	2	5	8	1	0	76	76	+ 2	+ 4	84.2	+33.5	112.5	71
	Barisal	000	0	1	00	00	97	02	2	110	86	1	0	8	0	2	77	90	204	0	4	13	02	97	03	2	136	83	4	0	8	4	0	79	79	+ 3	+ 6	116.3	+55.9	131.1	81
Rajshahi	Khulna	000	0	0	00	00	93	00	0	112	86	0	0	9	0	0	76	90	000	0	8	00	00	96	03	2	139	82	8	5	6	x	x	79	79	+ 3	—	51.5	— 0.6	68.8	60
	Satkhira	000	0	6	00	00	94	03	2	110	85	6	6	8	0	0	78	91	000	0	8	09	00	95	03	2	141	80	8	6	7	0	0	73	76	+ 2	—	61.0	+11.2	79.1	65
	Jessore	000	6	3	36	02	97	01	2	111	86	3	4	6	0	0	77	90	000	0	7	23	05	97	03	2	139	79	6	7	5	6	0	75	77	+ 1	+ 5	67.9	+20.7	103.8	65
	Sirajganj	000	0	0	00	00	92	00	0	101	83	0	0	9	0	0	76	90	000	—	0	00	00	98	00	0	127	87	0	0	9	0	0	75	77	+ 3	+ 4	87.6	+35.7	107.4	64
	Bogra	003	0	1	00	00	xx	01	6	107	81	1	3	6	0	0	76	88	003	9	5	27	02	96	03	1	133	84	3	4	5	7	0	78	76	+ 2	+ 5	84.2	+29.5	104.3	69
	Dinajpur	000	0	0	00	00	xx	00	0	105	87	0	0	9	0	0	77	91	000	0	0	00	00	96	00	0	142	85	0	0	9	0	0	75	77	+ 4	+ 7	49.5	— 50.4	66.9	72
	Rangpur	000	0	3	00	00	96	03	0	xxx	83	2	5	6	1	0	77	90	000	0	5	18	02	96	03	0	xxx	83	3	4	6	1	7	77	75	+ 3	+ 6	72.1	+ 5.7	92.0	84
Kashmir	Jammu	—																																							—
Lahore	Lahore (Intl Rd)	000	0	0	00	00	96	02	0	104	89	0	0	9	0	0	67	93	000	0	0	00	00	96	02	0	118	73	0	0	9	0	0	65	66	— 1	+ 8	21.8	+ 7.1	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	099	85	0	0	9	0	0	65	91	000	0	0	00	00	97	00	0	111	77	0	0	9	0	0	68	71	— 1	+ 10	52.6	+28.0	58.4	52
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	098	89	0	0	9	0	0	70	94	000	0	0	00	00	96	02	0	121	72	0	0	9	0	0	64	66	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	107	83	0	0	9	0	0	41	90	000	0	0	00	00	98	00	0	130	69	0	0	9	0	0	60	62	+ 1	+ 6	38.8	+14.9	51.8	36
	Khushab	000	0	0	00	00	99	00	0	099	91	0	0	9	0	0	56	96	000	0	0	00	00	96	00	0	115	73	0	0	9	0	0	63	66	+ 2	+ 4	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	102	92	0	0	9	0	0	58	96	000	0	0	13	02	96	03	0	118	74	0	0	9	0	0	56	70	+ 3	+ 9	14.5	+ 8.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	092	93	0	0	9	0	0	55	99	000	0	0	13	02	96	00	0	117	77	0	0	9	0	0	61	69	+ 3	+ 5	6.1	— 1.5	9.4	10
	Multan	000	0	0	00	00	98	02	0	104	98	0	0	9	0	0	55	99	000	0	0	13	03	98	02	0	110	79	0	0	9	0	0	56	73	+ 3	+ 11	5.9	+ 1.0	8.0	7
Bahawalpur	Laiah	000	0	0	23	02	97	05	0	105	97	0	0	9	0	0	54	98	000	0	0	13	02	98	04	0	114	71	0	0	9	0	0	61	63	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	00	00	96	02	0	098	96	0	0	9	0	0	67	02	000	0	0	18	02	96	02	0	093	78	0	0	9	0	0	57	67	+ 7	+ 8	8.5	— 4.5	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	xxx	98	0	0	9	0	0	68	01	000	0	0	00	00	97	00	0	107	80	0	0	9	0	0	53	65	+ 7	+ 4	5.5	+ 1.3	6.5	6
	Fort Abbas	000	0	0	02	02	98	00	0	098	95	0	0	9	0	0	xx	03	000	0	0	00	00	98	00	0	107	80	0	0	9	0	0	00	03	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	23	02	99	00	0	095	85	0	0	9	0	0	58	87	000	0	0	00	00	99	00	0	158	65	0	0	9	0	0	55	60	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	098	86	0	0	9	0	0	62	89	000	0	0	00	00	96	05	0	124	70	0	0	9	0	0	58	66	+ 2	+ 6	9.7	+ 5.0	23.5	14
	Haripur	000	0	0	23	04	97	00	0	077	87	0	0	9	0	0	60	93	000	0	0	05	02	97	00	0	097	73	0	0	9	0	0	55	64	—	—	22.0	—	32.0	—
	Campbellpur	000	0	0	13	00	98	00	0	098	70	0	0	9	0	0	57	92	000	0	0	09	02	98	00	0	142	71	0	0	9	0	0	59	63	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	090	87	0	0	9	0	0	63	91	000	0	0	00	00	99	00	0	099	71	0	0	9	0	0	59	68	—	—	9.3	—	12.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	092	94	0	0	9	0	0	70	96	000	0	0	00	00	98	00	0	103	74	0	0	9	0	0	63	65	+ 3	+ 4	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	13	02	99	00	0	093	83	0	0	9	0	0	37	04	000	0	0	27	02	98	00	0	112	70	0	0	9	0	0	50	68	—	—	4.9	—	5.2	5
Kalat	Nushki	000	0	0	34	02	99	02	0	124	95	0	0	9	0	0	36	97	000	0	0	02	02	97	02	0	194	68	0	0	9	0	0	39	69	—	—	0	—	1.1	2
	Turbat	000	0	0	13	02	96	00	0	106	05	0	0	9	0	0	75	07	000	0	0	09	03	95	00	0	125	84	0	0	9	0	0	83	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	27	10	97	01	0	119	85	0	0	9	0	0	70	89	000	0	0	31	05	96	02	0	130	73	0	0	9	0	0	67	70	—	—	0.3	—	5.9	4
	Panjgur	000	0	0	23	10	97	00	0	106	88	0	0	9	0	0	76	98	000	0	0	34	14	97	00	0	120	83	0	0	9	0	0	76	70	+ 6	+ 3	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	09	98	00	0	102	87	0	0	9	0	0	74	89	000	0	0	00	00	98	00	0	115	76	0	0	9	0	0	73	73	—	—	2.1	+ 1.3	4.1	6
	Las Bela	—																																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	27	14	98	01	1	099	88	0	0	9	4	0	80	90																		+ 2					—
	Karachi (Air Port)	000	0	4	23	07	97	03	0	098	93	4	0	9	5	0	71	92	000	0	0	00	00	96	28	4	114	73	0	0	9	0	0	70	71	—	—	22.6	—	22.0	—
	Badin	000	0	0	23	00	97	00	0	102	98	0	0	9	0	0	62	04	000	0	0	23	02	96	00	0	166	79	0	0	9	0	0	75	77	+ 5	+ 9	11.2	+ 4.0	14.2	9
	Nagarparker	000	0	0	27	03	96	02	0	966	93	0	0	9	0	0	70	96	000	0	0	00	00	98	00	0	118	86	0	0	9	0	0	69	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	27	03	98	00	0	982	00	0	0	9	0	0	54	02	000	0	0	00	00	98	02	0	101	75	0	0	9	0	0	64	68	—	—	19.5	—	20.3	—
	Hyderabad	000	0	2	00	00	97	03	0	096	99	2	5	6	0	0	60	04	000	0	0	00	00	97	02	0	109	77	0	0	9	0	0	76	75	+ 6	+ 5	14.6	+ 8.6	15.4	7
Khairpur	Padidan	000	0	0	36	03	97	02	0	098	97	0	0	9	0	0	57	01	000	0	0	00	00	97	02	0	110	72	0	0	9	0	0	64	62	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	36	02	97	01	0	091	99	1	1	6	0	0	75	03	000	0	0	00	00	97	00	0	115	80	0	0	9	0	0	64	67	—	—	6.4	—	7.1	—
	Sakkur	000	0	0	34	02	96	00	0	097	95	0	0	9	0	0	54	00	000	0	0	00	00	96	00	0	107	74	0	0	9	0	0	64	69	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	xx	xx	99	00	0	096	97	0	0	9	0	0	48	01	000	0	0	xx	xx	99	00	0	106	75	0	0	9	0	0	57	66	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	18	02	95	02	0	100	97	0	0	9	0	0	59	00	000	0	0	00	00	xx	02	0	107	76	0	0	9	0	0	62	69	+ 3	+ 5	3.8	+ 1.5	4.5	4
Junagadh-Afghanistan	Veraval	—																																							20
	Jaisalmer	—																																							—
Arabia	Muscat	—																																							4
	Kuwait	—																																							—
Kashmir	HILL STATIONS																																								—
	Srinagar	—																																							26
	Gulmarg	—																																							—
	Sonamarg	—																																							71
	Dras	—																																							26
	Leh	—																																							3
	Skardu	—																																							6
	Minar	—																																							—
	Aliabad	—																																							—
	Gilgit	—																																							5
Rawalpindi	Murree	000	0	0	31	02	98	00	0	521	62	0	0	9	0	0	50	66	000	0	0	31	02	98	00	0	525	55	0	0	9	0	0	44	61	+ 1	+ 2	52.5	+15.5	77.7	59
Peshawar	Drosh	000	0	5	00	00	96	01	9	507	72	3	8	6	3	0	49	84	000	0	0	00	00	98	02	0	529	58	0	0	9	0	0	37	57	+ 8	+ 5	1.5	—	30.7	18
	Chitral	000	0	1	18	03	98	00	0	529	74	0	0	9	0	0	45	80	000	0	1	36	01	98	00	0	521	65	0	0	9	0	0	59	xx	+ 4	—	20.9	+ 6.5	30.9	29
	Kakul	000	0	1	18	05	97	01	0	521	74	1	4	7	0	0	49	80	000	0	1	00	00	97	01	0	519	66	0	0	9	0	0	52	61	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	1	13	02	98	00	0	508	79	0	0	9	0	0	52	65	000	0	0	00	00	98	00	0	518	70	0	0	9	0	0	18	xx	—	—	3.8	—	18.9	—
D. I. Khan	Parachinar	000	0	2	13	02	99	00	0	804	74	0	0	9	1	0	47	86	000	0	0	36	01	99	00	0	800	57	0	0	9	0	0	36	xx	—	—	—	—	—	29
	Miranshah	000	0	0	00	00	99	00	0	518	82	0	0	9	0	0	xx	84	000	0	0	00	00	99	00	0	500	67	0	0	9	0	0	44	62	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	11	03	99	00	0	526	80	0	0	9	0	0	39	89	000	0	0	18	02	99	00	0	499	57	0	0	9	0	0	38	51	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	519	06	0	0	9	0	0	27	83	000	0	0	00	00	97	02	0	534	45	0	0	9	0	0	36	57	+ 7	+ 8	7.2	+ 2.1	15.9	11
	Hindubagh	000	0	0	29	06	98	00	0	480	80	0	0	9	0	0	27	83	000	0	0	25	06	98	00	0	548	63	0	0	9	0	0	36	61	—	—	4.6	—	13.6	—
	Loralai	000	0	0	13	03	98	00	0	345	79	0	0	9	0	0	xx	84	000	0	0	31	02	98	00	0	354	63	0	0	9	0	0	55	53	—	—	7.1	—	13.5	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	—																	000	0	0	31	02	94	00	0	439	58	0	0	9	0	0	42	45	—	—	4.7	+ 3.6	10.2	8
Afghanistan	Chaman	000	0	0	27	02	97	00	0	536	84	0	0	9	0	0	45	86	000	0	0	18	02	97	00	0	537	58	0	0	9	0	0	34	56	+ 7	+ 4	0.1	— 0.1	6.2	7
Kalat	Kalat	000	0	0	31	02	98	02	0	522	70	0	0	9	0	0	57	76	000	0	0	00	00	98	00	0	535	57	0	0	9	0	0	47	41	+ 2	+ 2	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	31	05	98	02	0	616	89	0	0	9	0	0	43	90	000	0	0	09	05	98	02	0	611	76	0	0	9	0	0	29	65	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	13	02	98	02	0	548	91	0	0	9	0	0	28	93	000	0	0	13	03	98	02	0	531	58	0	0	9	0	0	32	57	+ 6	+ 8	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	31	05	98	00	0	547	87	0	0	9	0	0	20	88	000	0	0	00	00	98	00	0	543	64	0	0	9	0	0	23	62	+ 2	+ 8	2.5	—	4.1	4
	Kandahar	—																																							12

Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G. M. T. is rainfall since 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 on the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 21st OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_tC_mC_H$	D,V, a PP	8 N, Ch, h,	O T, T, T_d T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	33 205	641 00	6 36 02	97 02 1	129 79	61 4 00	36 50 2	..	0 04 xx	1 26 31
Yuhomaru	33 200	645 00	0 03 06	98 02 1	120 79	00 9 00	75 40 0	...	0 55 77	...
Riyadhmaru	33 194	655 06	3 01 04	98 02 0	152 84	21 4 01	36 10 7	...	0 09 xx	1 35 21
Tellise	33 219	619 06	2 26 05	98 02 0	155 81	22 3 00	34 21 2	...	0 52 72	1 26 21
Dondo	33 227	597 06	1 29 12	98 00 0	160 86	10 6 04	35 40 0	...	0 07 81	1 29 xx
Jeron	33 168	549 06	1 00 00	99 02 0	097 81	12 5 00	15 21 3	...	0 04 73	1 00 x0
Celtex utrecht	33 202	590 36	5 00 00	98 02 2	174 77	31 5 04	15 xx x	...	0 01 70	1 12 21
Amra	33 167	646 06	6 02 09	98 03 0	141 81	61 5 00	55 00 8	..	0 51 77	1 02 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T^{o}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{d}T^{d}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	00 00	Misda	..	...	..	...	..	..	..	..	..	—	..	
Dacca														
Jiwani	00 00	008 238 025	091 232 218	...	470 208 542	..	140 065 605	380 508 999	814 578 999	416 702 999	960 840	234 995	...	
Karachi	00 00	Misda		..	..	..		...	...	..	...	...	...	
Lahore														
Multan														
Peshawar	00 00	920 212 135		...	550 11x38x	...	153 095 575	408 530 620	xxxxxxxxx	450 792 999	945 968	207 088	311 498	...
Quetta														

At Significant Levels

STATION	Time of ascent in G.M.T	PPPTTT T^{d}T^{d}T^d									Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	00 00	Misda	...		...	...	...	...	...	...	...	...	
Dacca													
Jiwani	00 00	900 242 538	800 145 555	...	..	...	...	...	...	...	800 145 555	...	...
Karachi	00 00	Misda			...		...	...	...	...	...	...	...
Lahore													
Multan													
Peshawar	00 00	900 232 162	877 245 158	800 068 032	350 860 999	250 020 999	...	..	...	..	250 020 999	..	..
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 oC.)
8T—Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									A 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent	...	...	—	...	...	..	..	19 05	19 01	36 00	30 02	32 04	30 13	21 09	22 06	22 06	25 06	28 07	...	...	...	...	...	...
Chaklala																										
Chhor	20 04	34 02	34 04	01 05	36 06	01 07	02 16	36 19	35 20	33 04	05 10	03 09	01 05	36 06	36 13	18 02	05 04	05 04	01 03	34 03	03 08	01 10	35 13	34 17	34 19	35 19
Chittagong	30 12	31 10	33 06	33 04	34 02	07 02	06 10	06 08	06 08	01 07	36 03	27 01	07 01	20 02	13 05	01 01	32 03	27 03	17 02	21 02	..	..	..	—	...	...
Cox's Bazar	33 19	34 07	35 04	01 06	..	...	...	...	...	01 08	01 03	17 01	24 02	17 01	13 05	34 03	35 01	15 01	22 01	21 03	18 04	...	...	...	...	...
Dacca	32 03	32 03	31 03	29 05	25 04	25 03	33 02	31 04	29 11	34 02	36 02	xx xx	36 05	33 02	27 03	34 03	33 03	34 03	33 02	25 03	28 04	26 04	26 04	30 11	26 11	26 19
Dalbandin	...	—	07 03	08 05	02 11	36 19	29 09	31 12	29 16	...	—	07 11	35 17	35 26	36 20	—	...	08 09	34 09	34 27	34 27	34 27	35 24	32 16	33 31	33 41
D. I. Khan	..	—	—	...	23 15	20 17	20 19	17 07	07 07	—	—	—	23 01	23 02	23 06	—	...	—	—	04 05	03 05	02 07	01 10	36 12	...	...
Drosh	—	—	—	—	16 02	24 05	27 05	31 20	30 26	...	—	—	24 07	31 07	36 18	—	—	—	24 02	01 06	33 17	31 18	28 10	31 22	30 35	30 61
Fort Sandeman			25 04	11 01	31 07	34 01	35 06	34 01	35 06	33 06	25 05	28 04	29 06	32 10	35 11	23 04	27 04	32 06	34 10	35 10	01 05	01 06	24 13	31 26	31 27	31 49
Jacobabad	8 05	19 01	19 01	20 01						17 03	19 05	16 02	07 01	10 01												
Jacobabad	16 02	33 02	31 03	30 06	27 03					10 02	01 02	32 03	31 09	30 13	28 12	16 04	19 05	25 05	27 05	29 06	25 05	24 08	27 19	29 20	36 33	35 25
Jacobabad	19 02	30 03	31 06	31 08	33 05	32 07	31 11	29 18	29 28							No	Ascent									
Jiwani	No	Ascent	...	...	...	...	...	...	...	30 10	30 13	30 08	33 06	35 08	34 07	32 06	34 08	33 09	29 10	30 06	03 11	05 10	02 10	02 12	02 21	02 21
Karachi	27 11	27 12	26 10	30 05	02 09	03 15	04 14	03 09	...	22 04	20 03	27 06	25 11	26 15	31 15	20 09	25 10	24 10	25 13	28 10	22 03	08 04	34 13	30 23	31 24	28 28
Khanpur	33 03	03 01	09 01	01 01	04 07	01 06	01 14	33 15	31 14	18 07	27 05	34 04	36 08	34 08	34 07	14 01	20 01	23 03	36 03	36 05	24 04	26 05	29 07	31 10	29 10	29 36
Lahore	33 04	33 06	32 06	35 09	34 05	01 10	02 08	01 12	31 24	15 27	16 19	18 17	23 17	27 12	29 12	17 08	18 10	18 08	19 06	20 09	28 09	27 11	28 09	29 16	29 29	29 31
Multan	13 01	23 01	25 01	26 03	31 08	08 07	36 08	33 18	31 20	...						—	—	...								
Muscat	...	...	...	...	...	...	...	...	...	—						—										
Panjgur	...	—	—	...	—	...	...	...	—	—						—										
Peshawar	...	—	—	...	—	...	...	...	—	..	32 02	01 05	01 05	33 16	30 19	—	07 04	38 03	29 13	03 16	26 13	27 12	25 16	28 23	28 29	28 31
Quetta	...	—	—	...	30 11	33 10	36 07	29 12	30 22	—	...	...	..	29 04	30 18	—				31 12	32 13	32 13	33 19	32 31	31 37	31 50
Sha-jah	...	—	—	...																						
Sylhet	29 04	22 04	23 05	29 02	25 01	25 08	24 04	33 03	...	09 05	08 05	09 05	22 01	23 03	23 11	16 02	16 02	15 04	15 03	...	01 05	23 07	23 09	27 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 gp .- Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	29 17	29 18	31 15	31 10	32 10	01 15	03 21	04 12	36 16	01 18	36 20	02 21	01 09	33 08	...	...	...	...
Peshawar	Misda																	
Quetta																		

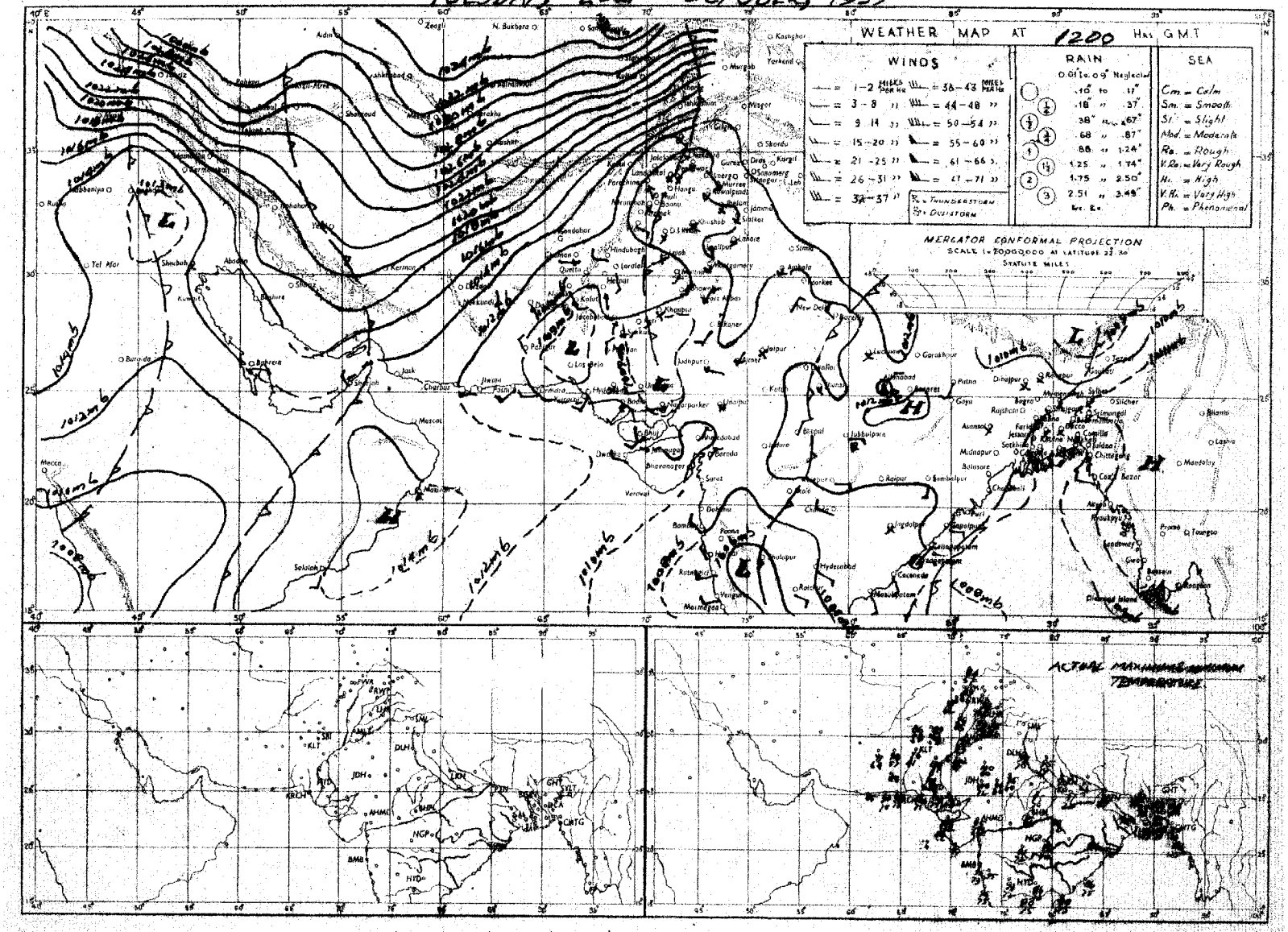
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 20th OCTOBER, 1959



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

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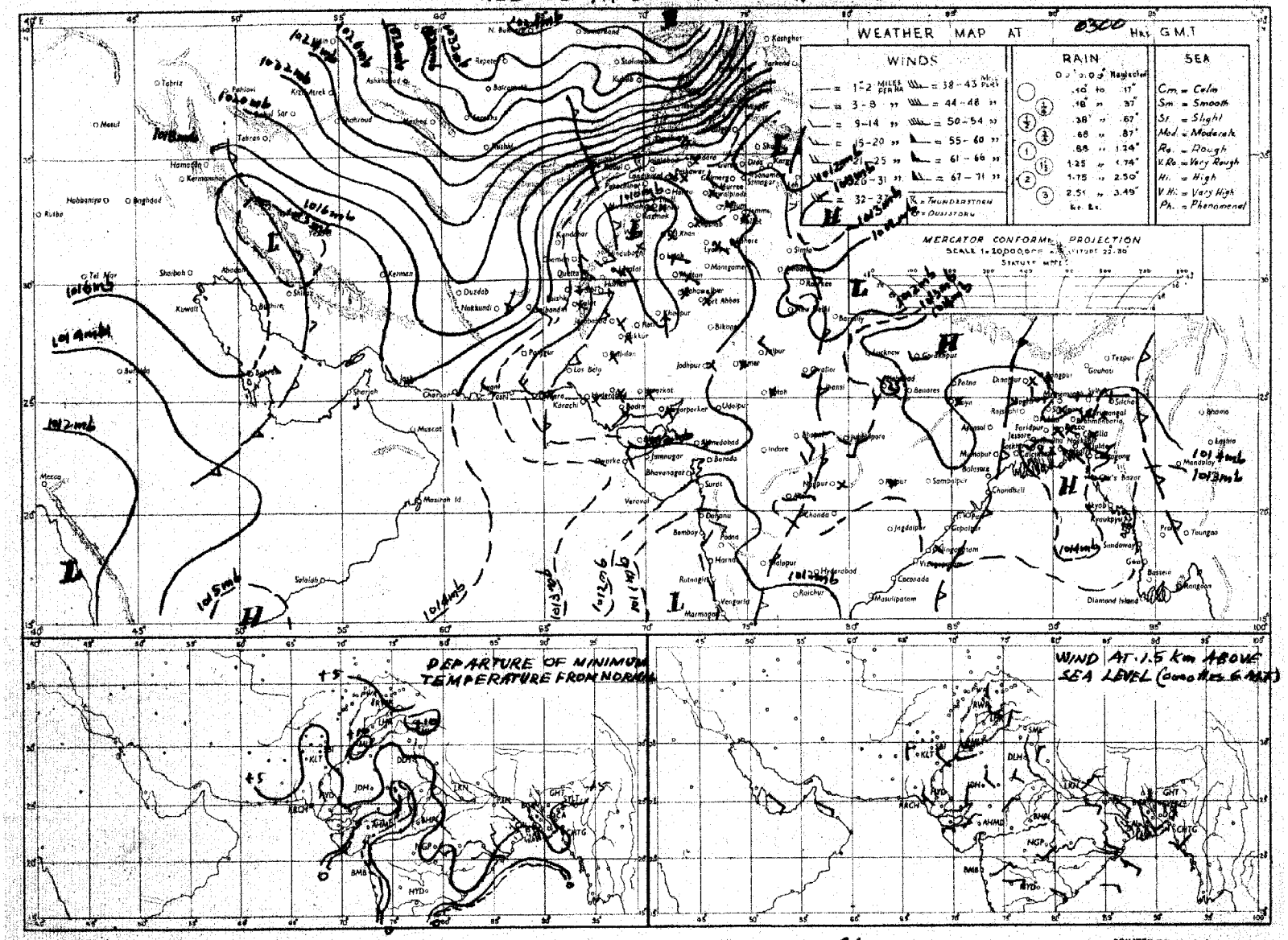
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 22nd OCTOBER. 1959.

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

Yesterday's low pressure wave over Afghanistan is moving away eastwards through Kashmir.
A low pressure wave is moving across West Bengal.
Rain/thundershowers have been local in Dacca division and scattered elsewhere over East Pakistan.
Chief amount of rainfall are:- Mymensingh, Faridpur and Sirajgung ½" each and Rangpur ¼".
Day temperatures were:- 4—6°F above normal in Bahawalpur, Khairpur, Hyderabad and coastal Kalat divisions and were 3—4°F so in East Pakistan.
Forecast valid until the evening of 23rd October, 1959. Local rain/thundershowers will occur in East Pakistan. Scattered thunderstorms/showers are expected in Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 22nd October, 1959.

OBSERVATIONS

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

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	3	25	03	95	01	0	098	83	2	3	7	0	1	74	89
	Chittagong	000	0	2	25	05	97	01	1	096	82	2	1	7	0	0	75	90
	Maijdee Court	000	9	9	00	00	xx	00	0	890	84	9	x	0	x	x	78	88
	Comilla	000	0	0	00	00	94	00	0	098	84	0	0	9	0	0	79	90
	Brahmanbaria	000	0	2	00	00	xx	01	0	091	84	2	0	9	2	0	77	89
	Sylhet	000	0	4	00	00	xx	13	2	097	79	2	3	6	3	0	73	88
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	035	3	8	16	02	96	02	9	093	73	8	7	4	x	x	71	88
	Narayanganj	000	9	6	00	00	xx	03	1	093	85	1	5	5	3	9	75	91
	Dacca (Tezgaon)	000	9	6	00	00	97	13	1	090	85	2	3	5	4	0	75	95
	Faridpur	067	3	3	00	00	96	01	9	088	82	2	4	7	1	0	78	89
	Barisal	000	3	2	00	00	97	03	0	089	84	2	0	8	4	0	75	88
Rajshahi	Khulna																	
	Satkhira	000	0	3	00	00	96	01	1	103	84	2	3	8	0	1	78	89
	Jessore	002	9	4	36	02	97	01	6	110	87	4	4	6	0	0	77	91
	Sirajganj	000	0	8	00	00	97	02	9	081	79	8	7	4	x	x	72	91
	Bogra	000	2	6	05	03	xx	20	5	102	77	5	5	6	7	0	73	89
	Dinajpur	000	6	6	00	00	xx	12	2	088	79	6	0	9	2	0	74	91
	Rangpur	016	5	7	00	00	96	03	8	xxx	77	2	5	5	2	0	74	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	1	00	00	96	02	0	079	88	1	0	9	3	0	65	93
	Sialkot	000	0	0	00	00	97	00	0	076	85	0	0	9	0	0	67	90
Rawalpindi	Jhelum	000	0	1	00	00	96	02	0	077	87	1	1	7	0	0	69	93
	Rawalpindi	000	0	1	29	02	99	03	0	076	82	1	3	6	0	8	58	90
	Khushab	000	0	2	09	02	96	01	1	074	88	2	0	9	6	0	61	95
Multan	Lyallpur	000	0	0	00	00	96	00	0	072	87	0	0	9	0	0	72	94
	Montgomery	000	0	0	00	00	96	00	0	073	91	0	0	9	0	0	61	97
	Multan	000	0	0	00	00	98	02	0	062	95	0	0	9	0	0	55	98
Bahawalpur	Leiah	000	0	0	05	07	96	08	0	050	90	0	0	9	0	0	50	98
	Khanpur	000	0	0	29	02	96	02	0	060	97	0	0	9	0	0	68	00
	Bahawalpur	000	0	0	27	02	97	00	0	068	96	0	0	9	0	0	57	00
	Fort Abbas	000	0	0	31	02	98	00	0	066	95	0	0	9	0	0	43	03
Peshawar	Chakdara	000	0	1	23	02	99	01	1	089	83	1	1	7	0	0	51	86
	Peshawar	000	0	1	00	00	96	05	0	070	85	1	9	6	0	0	49	90
	Haripur	000	0	0	23	02	97	00	0	055	85	0	0	9	0	0	58	90
	Campbellpur	000	0	0	00	00	98	00	0	078	90	0	0	9	0	0	50	91
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	061	87	0	0	9	0	0	61	90
	D. I. Khan	000	6	0	00	00	98	00	0	059	92	0	0	9	0	0	21	95
Quetta	Sibi	000	0	0	23	02	99	00	0	059	01	0	0	9	0	0	36	02
Kalat	Nokkundi	000	0	0	34	05	99	02	0	130	83	0	0	9	0	0	24	85
	Turbat	000	0	0	09	02	96	00	0	085	02	0	0	9	0	0	xx	04
	Jiwani	000	0	0	23	07	97	02	0	101	93	0	0	9	0	0	52	98
	Pasni	000	0	0	20	14	97	00	0	084	99	0	0	9	0	0	59	04
	Ormara	000	0	0	31	07	98	00	0	072	95	0	0	9	0	0	67	99
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	09	98	02	0	088	87	0	0	9	0	0	81	89
	Karachi (Air Port)	000	0	0	23	05	97	02	0	075	91	0	0	9	0	0	70	98
	Badin	000	0	0	23	00	97	00	0	075	96	0	0	9	0	0	73	04
	Nagarparkar	000	0	0	20	02	98	00	0	074	94	0	0	9	0	0	71	97
	Umarkot	000	0	0	27	02	98	00	0	062	98	0	0	9	0	0	54	01
	Hyderabad	000	0	0	18	03	97	02	0	073	97	0	0	9	0	0	63	04
Khairpur	Pad-i-dan	000	0	0	20	03	97	02	0	068	00	0	0	9	0	0	47	02
	Nawabshah	000	0	0	23	02	97	02	0	076	99	0	0	9	0	0	62	03
	Sukkur	000	0	0	27	02	96	03	0	064	95	0	0	9	0	0	66	00
	Kashmore	000	0	0	18	05	99	00	0	062	95	0	0	9	0	0	44	98
	Jacobabad	000	0	0	18	03	97	02	0	063	98	0	0	9	0	0	57	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	3	31	02	98	01	1	496	60	2	1	4	8	0	27	63
Peshawar	Drosh	000	0	4	23	03	97	03	0	477	75	1	2	7	4	0	15	86
	Cherat	000	0	0	23	03	98	00	0	502	73	0	0	9	0	0	63	80
	Kakul	000	8	4	20	05	98	03	0	503	72	3	3	6	4	3	48	78
	Landi Kotal	000	0	0	15	03	98	00	0	488	78	0	0	9	0	0	37	82
	Parachinar	000	0	2	13	02	99	00	0	802	72	0	0	9	0	0	65	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	489	82	0	0	9	0	0	44	85
	Wana	000	0	0	11	09	98	00	0	464	78	0	0	9	0	[illegible]	33	83
	Fort Sandeman	000	0	0	00	00	98	02	0	509	84	0	0	9	0	0	47	87
Quetta	Hindubagh	000	1	0	25	08	93	07	0	496	74	0	0	9	0	0	41	61
	Loralai	000	0	0	13	03	96	02	1	380	79	0	0	9	0	0	52	88
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	27	02	95	00	0	499	75	0	0	9	0	0	45	78
	Chaman	000	0	0	23	02	97	00	0	520	75	0	0	9	0	0	48	77
Kalat	Kalat	000	0	0	34	09	97	00	0	528	64	0	0	9	0	0	57	xx
	Nushki	000	0	0	31	11	98	02	0	608	81	0	0	9	0	0	44	87
	Dalbandin	000	0	0	25	05	96	02	0	530	87	0	0	9	0	0	41	89
	Panjgur	000	0	0	36	05	98	00	0	535	82	0	0	9	0	0	31	82
Afghanistan	Kabul	000	0	0	18	03	99	00	0	497	66	0	0	9	0	0	50	71
	Kandahar																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	2	09	13	97	01	0	135	85	2	2	7	0	0	76	75	+ 2	+ 2	120.6	+ 6.2	136.4	140
	Chittagong	000	0	3	16	05	97	01	1	148	84	3	2	7	0	0	75	77	+ 4	+ 5	96.6	+14.3	128.6	108
	Maijdee Court	000	9	3	00	00	97	03	0	138	80	3	2	6	0	0	77	77	+ 3	+ 6	103.9	+13.1	135.7	115
	Comilla	000	0	6	00	00	97	03	1	140	84	6	4	5	0	0	78	76	+ 3	+ 5	74.9	+ 6.6	100.9	94
	Brahmanbaria	016	1	8	00	00	97	61	6	150	74	8	4	3	x	x	73	74	—	—	54.5	+ 1.2	80.5	76
	Sylhet	000	9	6	09	12	96	61	9	140	78	3	4	5	7	0	74	75	—	—	150.7	—	188.6	—
	Srimangal	000	9	6	00	00	96	03	9	142	82	3	3	4	7	0	73	72		+ 3	73.8	+ 9.6	105.8	78
Dacca	Mymensingh	057	4	6	09	02	98	02	6	149	76	6	4	5	0	0	73	71	+ 2	— 1	89.3	+21.1	111.4	91
	Narayanganj	000	9	7	00	00	96	03	1	136	87	6	4	5	3	0	76	78	+ 4	+ 4	78.7	+26.3	99.0	74
	Dacca (Tezgaon)	000	9	8	02	05	97	03	1	132	80	8	9	5	x	x	73	75			84.4	—	99.9	—
	Faridpur	067	9	8	07	05	96	17	0	139	76	2	9	6	6	x	70	71	+ 3	— 1	84.6	+34.0	113.1	71
	Barisal	000	0	4	13	02	97	02	1	144	84	2	0	8	4	2	78	79	+ 1	+ 6	116.3	+45.7	131.1	81
Rajshahi	Khulna	000	0	5	00	00	97	01	2	136	86	5	5	6	0	0	76	79			51.5	— 0.7	68.8	68
	Satkhira	000	0	6	00	00	97	03	1	133	83	5	8	7	3	0	77	78	—	—	61.0	+11.1	79.1	65
	Jessore	002	0	6	13	03	96	01	0	133	82	4	8	6	6	0	78	77	+ 4	+ 5	67.9	+20.6	103.8	65
	Sirajganj	051	5	8	00	00	96	02	9	119	76	4	7	5	5	x	65	73	+ 5	+ 2	83.1	+34.1	107.9	64
	Bogra	002	3	7	09	02	96	03	9	138	79	3	5	6	7	0	74	76	+ 3	+ 5	84.2	+29.5	104.3	69
	Dinajpur	000	0	0	00	00	96	02	0	140	76	0	0	9	0	0	73	72	+ 5	+ 2	49.5	— 10.5	66.9	72
	Rangpur	018	6	7	09	02	96	01	5	xxx	77	5	5	6	1	0	73	73	+ 2	+ 4	72.3	+ 5.7	92.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	114	75	0	0	9	0	0	61	64	— 1	+ 6	21.8	+ 7.1	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	113	77	0	0	9	0	0	61	69	— 2	+ 8	52.6	+28.8	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	96	00	0	123	71	0	0	9	0	0	65	65	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	05	02	98	00	0	122	67	0	0	9	0	0	55	61	+ 1	+ 5	38.8	+14.9	51.8	36
	Khushab	000	0	0	07	02	99	00	0	128	73	0	0	9	0	0	63	67	+ 1	+ 5	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	118	70	0	0	9	0	0	63	66	+ 1	+ 5	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	106	70	0	0	9	0	0	62	68	+ 1	+ 5	6.1	— 1.5	8.4	10
	Multan	000	0	0	05	03	98	02	0	108	76	0	0	9	0	0	59	72	+ 4	+ 10	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	000	0	0	00	00	96	05	0	119	73	0	0	9	0	0	54	64	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	31	03	96	02	0	097	72	0	0	9	0	0	62	67	+ 5	+ 8	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	110	73	0	0	9	0	0	61	66	+ 6	+ 5	5.5	+ 1.3	6.5	6
	Fort Abbas	000	0	0	07	03	98	00	0	104	76	0	0	9	0	0	75	72	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	103	65	0	0	9	0	0	52	57	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	136	67	0	0	9	0	0	51	61	+ 3	+ 1	9.7	+ 5.0	23.5	14
	Haripur	000	0	0	23	02	97	00	0	102	71	0	0	9	0	0	52	65	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	00	00	98	00	0	123	70	0	0	9	0	0	65	60	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	34	01	99	00	0	111	71	0	0	9	0	0	54	66	—	—	9.3	—	12.4	11
	D. I. Khan	000	0	0	00	0.	98	00	0	116	76	0	0	9	0	0	64	66	+ 2	+ 5	10.5	+ 5.0	14.3	18
Quetta	Sibi	000	0	0	00	00	99	00	0	104	71	0	0	9	0	0	51	69	—	—	4.9	—	5.2	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	107	69	0	0	9	0	0	31	64	—	—	0	—	1.1	2
	Turbat	000	0	0	05	03	95	00	0	100	79	0	0	9	0	0	78	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	05	03	97	02	0	110	83	0	0	9	0	0	51	76	—	—	0.3	—	5.9	4
	Pasni	000	0	0	34	05	97	00	0	105	81	0	0	9	0	0	59	73	+ 12	+ 6	0.6	— 0.3	3.2	6
	Ormara	000	0	0	13	02	98	00	0	095	84	0	0	9	0	0	39	82	—	—	2.1	+ 1.3	4.1	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	05	01	94	10	1	093	81	3	0	9	4	0	78	78	+ 1	+ 5	16.5	+ 0.4	16.5	8
	Karachi (Air Port)	000	6	9	00	00	91	45	4	097	76	9	x	0	x	x	76	70	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	114	79	0	0	9	0	0	74	76	+ 9	+ 8	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	108	87	0	0	9	0	0	67	82	—	—	30.5	—	30.5	—
	Umarkot	000	0	2	18	05	98	02	0	099	79	2	6	5	0	0	76	75	—	—	19.5	—	20.3	—
	Hyderabad	000	0	8	18	05	97	02	2	104	76	5	6	5	2	x	72	75	+ 6	+ 5	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	0	05	03	98	02	0	101	76	0	0	9	0	0	59	65	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	05	96	02	0	103	74	0	0	9	0	0	71	69	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	00	00	96	00	0	095	78	0	0	9	0	0	56	72	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	05	05	99	00	0	105	81	0	0	9	0	0	55	65	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	27	03	97	02	0	101	75	0	0	9	0	0	53	70	+ 4	+ 6	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	2	00	00	98	01	1	528	52	2	0	9	8	0	39	48	— 2	— 1	52.5	+15.5	77.7	59
Peshawar	Drosh	0L0	0	0	00	00	98	02	0	533	56	0	0	9	0	0	25	55	+ 10	+ 3	1.5	—	30.7	18
	Cherat	000	0	0	23	01	96	00	0	525	63	0	0	9	0	0	54	61	+ 4	+ 4	20.9	+ 8.4	30.9	29
	Kakul	000	9	1	31	03	98	01	1	520	62	1	4	6	0	0	38	56	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	00	00	98	00	0	512	63	0	0	9	0	0	29	xx	—	—	3.8	—	18.9	—
	Parachinar	001	0	0	00	00	99	00	0	802	55	0	0	9	0	0	35	xx	—	—	14.1	—	28.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	498	64	0	0	9	0	0	44	59	—	—	4.0	— 0.8	7.0	13
	Wana	000	0	0	00	00	99	00	0	508	55	0	0	9	0	0	34	47	—	—	5.4	—	14.1	—
	Fort Sandeman	000	0	0	00	00	97	02	0	545	65	0	0	9	0	0	39	58	+ 5	+ 9	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	25	03	98	00	0	511	54	0	0	9	0	0	37	53	—	—	4.6	—	12.6	—
	Loralai	000	0	0	31	03	98	00	0	359	57	0	0	9	0	0	32	52	—	—	7.1		13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	000	0	0	00	00	94	00	0	524	58	0	0	9	0	0	39	43	—	—	4.7	+ 3.6	10.2	8
	Chaman	000	0	0	09	01	97	00	0	528	60	0	0	9	0	0	32	58	— 2	+ 6	0.1	— 0.1	6.2	7
Kalat	Kalat	000	0	0	00	00	97	00	0	555	57	0	0	9	0	0	47	41	—	+ 2	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	00	00	98	02	0	595	67	0	0	9	0	0	42	63	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	36	02	95	05	0	518	55	0	0	9	0	0	26	49	+ 2	0	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	526	64	0	0	9	0	0	34	61	+ 4	+ 7	2.5	—	4.1	4
Afghanistan	Kabul	000		0	36	03	99	00	0	589	43	0	0	9	0	0	33	35	—	—	—	—		12
	Kandahar																							—

Givenis Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omit.
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 22nd OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	0 $T_sT_sT_dT_d$	$I_dw d_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	43 224	638 00	0 32 05	98 02 0	122 79	00 9 00	16 80 4	...	0 90 76	1 32 x0
Astarte	43 238	586 06	1 29 12	98 02 0	169 86	16 2 00	34 10 8	...	0 52 77	1 29 23
Caltex utrecht	43 251	576 06	1 33 09	98 02 0	152 88	00 9 04	75 xx x	...	0 33 70	1 32 32
Caledonia	43 235	65[illegible] 06	0 30 09	98 02 0	129 82	00 9 00	16 80 5	...	0 51 78	1 30 x0
Junon	43 205	592 06	0 30 05	98 02 0	092 79	00 9 00	15 00 0	...	0 02 72	1 30 20
Woensdrecht	43 159	536 06	2 09 05	98 03 0	120 79	21 3 00	24 22 0	...	0 51 73	1 09 20
Dalila	43 267	577 06	3 33 04	98 03 0	156 88	00 9 04	36 20 8	...	0 08 82	1 36 x0
Berenice	43 188	574 06	2 12 05	98 03 1	172 77	22 4 00	16 22 7	...	0 00 72	1 49 x0
Berenice	43 193	593 09	0 11 02	99 02 0	140 82	00 9 00	16 73 2	...	0 04 72	1 49 x0
Astarte	43 227	597 12	0 30 10	98 02 0	134 86	00 9 00	34 71 8	...	0 00 77	1 30 21
Talisse	43 176	672 12	0 36 07	98 02 0	099 81	00 9 00	35 61 8	...	0 52 75	1 04 21
Woensdrecht	43 165	548 12	0 22 05	98 02 0	186 82	00 9 00	14 71 4	...	0 22 70	1 16 30
Junon	43 219	597 12	0 11 03	99 02 0	050 90	00 9 00	15 61 2	...	0 07 75	1 11 20
Berenice	43 200	586 12	0 11 05	99 02 0	125 82	00 9 00		...	0 04 77	1 49 x0
Dwarka	43 225	685 12	1 03 09	98 02 0	096 82	12 6 00	75 60 3	...	0 01 79	1 30 32
Daressa	43 241	600 18	0 24 09	99 02 0	123 84	00 9 00	24 20 2	...	0 03 84	
Dwarka	43 233	676 18	0 30 05	98 02 0	102 82	00 9 00	75 40 0	...	0 01 79	1 30 32
Dalila	43 264	563 18	0 06 06	98 02 0	116 86	00 9 00	36 10 1	...	0 54 82	1 40 20
Astarte	43 218	598 18	0 00 00	98 02 0	140 81	00 9 00	44 40 6	...	0 53 77	1 00 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 HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	011 252 228	103 232 020	...	500 152 128	...	125 058 028	374 518 542	805 598 999	507 668 999	960 830	233 022	416 102	...
Jiwani														
Karachi	00 00	005 235 228	104 xxxxxx	...	480 222 999	..	121 082 999	377 012 999	826 542 999	549 665 999	964 822	242 992	425 095	674 170
Lahore	00 00		Misda	..		..		...	...			...	...	...
Multan														
Peshawar														
Quetta	23 00	969 182 098		...	500 182 092	...	135 072 598	382 512 718	807 612 815	477 735 999	952 885		..	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 185 168	800 118 102	621 002 518	...	..	...	..	...	...	621 002 518	...	..
Jiwani													
Karachi	00 00	...	Misda	...	...	...	...	...	...	...	100 170 999	...	...
Lahore	00 00	.		..	...	.	...	...	...	...	...	...	...
Multan													
Peshawar													
Quetta	23 00	900 205 132	800 152 058	350 805 999	250 940 999	205 900 999	...	..	...	..	205 930 999		

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

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

UPPER WIND DATA*

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	35 09	35 05	34 02	20 03	22 04	24 15	...	...		11 06	12 05	09 07	13 01	25 07	24 13
Chaklala	..	32 08	31 08	32 07	32 09	30 16	27 15	27 20	27 23	...	...	...	...	...	...
Chhor	22 06	19 02	12 02	09 02	08 05	03 03	34 17	33 23	33 20	21 13	20 14				
Chittagong	26 03	18 03	20 03	21 03	20 07	17 06	32 02	28 08	29 14	24 02	24 04	17 07	20 07	19 07	
Cox's Bazar	22 04	20 04	19 05	...	..	...		...		30 02	26 03	20 04	17 05	18 06	18 07
Dacca	16 03	15 02	08 01	31 04	25 06	22 09	26 13	24 21	24 20	20 05	21 04	20 06	20 04	20 06	22 12
Dalbandin	—	—	23 07	28 11	33 12	34 23	34 30	33 17	31 20	—	—	11 03	36 07	35 15	36 18
D. I. Khan	—	—	—				—	...		—	—	—			
Drosh	—			...	22 15	21 12	23 13	20 16		—	—	—	23 05	21 11	27 07
Fort Sandeman		..		27 04	28 05	28 09	32 19	31 36	31 50	...	...		28 03	34 04	29 11
Jacobabad	20 05	20 06	20 06	27 07	32 07	31 05	33 15	33 21	33 23	02 14	36 05	21 05	20 07	20 07	20 01
Jessore	19 05	19 03	...				...	...	...	27 08	24 08	19 08	19 10	20 09	
Jhelum	21 02	24 04	26 08	30 08	31 06	25 13	27 21	28 23	36 27	19 01	18 03	25 03	32 04	31 11	33 15
Jiwani	No	Ascent	...	...				—		No	Ascent	...	...	...	..
Karachi	24 08	26 04	26 02	04 03	06 06	03 10	34 17	35 14	35 27	No	Ascent	...	...	...	..
Khanpur	24 10	23 12	23 12	22 10	22 06	28 06	31 16	32 29	31 42	25 06	28 07	30 09	33 10	33 10	24 03
Lahore	31 05	32 05	32 04	25 04	26 06	26 14	29 15	30 15	31 21	12 07	01 04	35 06	24 07	35 06	35 09
Multan	18 04	16 04	17 04	26 05	29 06	31 10	29 13	23 30	31 40	11 20	12 23	13 15	34 06	28 07	29 11
Muscat	—	—	.	—	...	—	—	...	—	...	—		—	—	
Panjgur	—	...	..	—	.	—		...	...	...					
Peshawar	...	...	..	...				...	...	..	36 08	36 12	33 06	34 10	31 17
Quetta	...	..	...	—	27 13	29 10	30 11	34 27	31 22	..	...	...	..	04 02	01 10
Shahjah	...			...			...		...	...	..				
Sylhet	30 03	01 03	11 01	23 03	22 08	23 08	..	..	...	12 10	13 04	24 04	24 04	25 04	22 07
Veraval	...	...	...	...	—	...	...	—	—	—	—	—	—	—	—

Height in Kms. a.s.l. →	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	1
Bogra	—										31 61
Chaklala		13 01	18 03	25 03	24 02	27 05	31 09	29 10	29 17	30 45	—
Chhor	21 11	19 09	19 08	16 10	12 12	16 19	35 15	35 16	35 18	32 17	..
Chittagong	23 01	19 02	22 05				..	—	...	—	—
Cox's Bazar	20 03	19 03	19 04	19 05	17 03	15 03	...	—	...	...	—
Dacca	14 06	19 05	21 05	22 08	20 10	24 12					
Dalbandin	—	—	07 07	18 02	36 04	04 10	01 19	01 21	36 26	31 27	32 34
D. I. Khan	—	—	—	—							—
Drosh	—		—		06 09	04 10	02 15	36 13	32 08		—
Fort Sandeman			..	23 05	33 04	29 05	32 13	30 23	31 31	32 53	
Jacobabad	12 03	08 02	08 02	19 09	18 12	23 04	02 10	36 20	32 22	33 35	29 43
Jessore										—	...
Jhelum	18 01	24 03	28 05	30 08	31 12	31 09	31 17	30 23	31 36		...
Jiwani	No	Ascent									
Karachi	12 09	12 06	16 06	15 08	12 05	09 15	02 14	02 17	01 14	33 12	25 09
Khanpur	33 05	32 08	29 12	26 16	25 13	22 06	05 05	35 12	36 26	..	...
Lahore	10 01	09 03	35 03	34 05	34 08	31 16	30 18	32 32	33 45	31 79	...
Multan	12 09	09 12	09 12	09 08	11 04	29 08	32 19	33 21	...	..	—
Muscat	—	—	...			...	...	...		...	
Panjgur	—	—	...	...		...	...	...		...	...
Peshawar	—	—	..	...		..				...	
Quetta	—	.	..		33 12	16 08	36 15	33 20	32 27	33 45	31 [illegible]
Shahjah									...	...	
Sylhet	29 02	25 02	18 03	18 06	...	...	...	..	...	...	..
Veraval	...	...	..	...			...	...	—	..	..

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

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

Height in gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1·
Chittagong																		
Dacca	17 13	20 19	34 05	25 16	28 21	24 21	xx xx	xx xx	24 21	29 35	26 32	26 26	28 31	24 50		—	...	..
Karachi	21 07	26 05	24 06	24 05	24 05	08 12	36 17	36 17	26 18	35 17	33 12	27 09	30 15	27 20	26 19	...	...	—
Peshawar	Misda	...	...	...	...	..	...	.	...	...	...		...	...		...	...	
Quetta																		

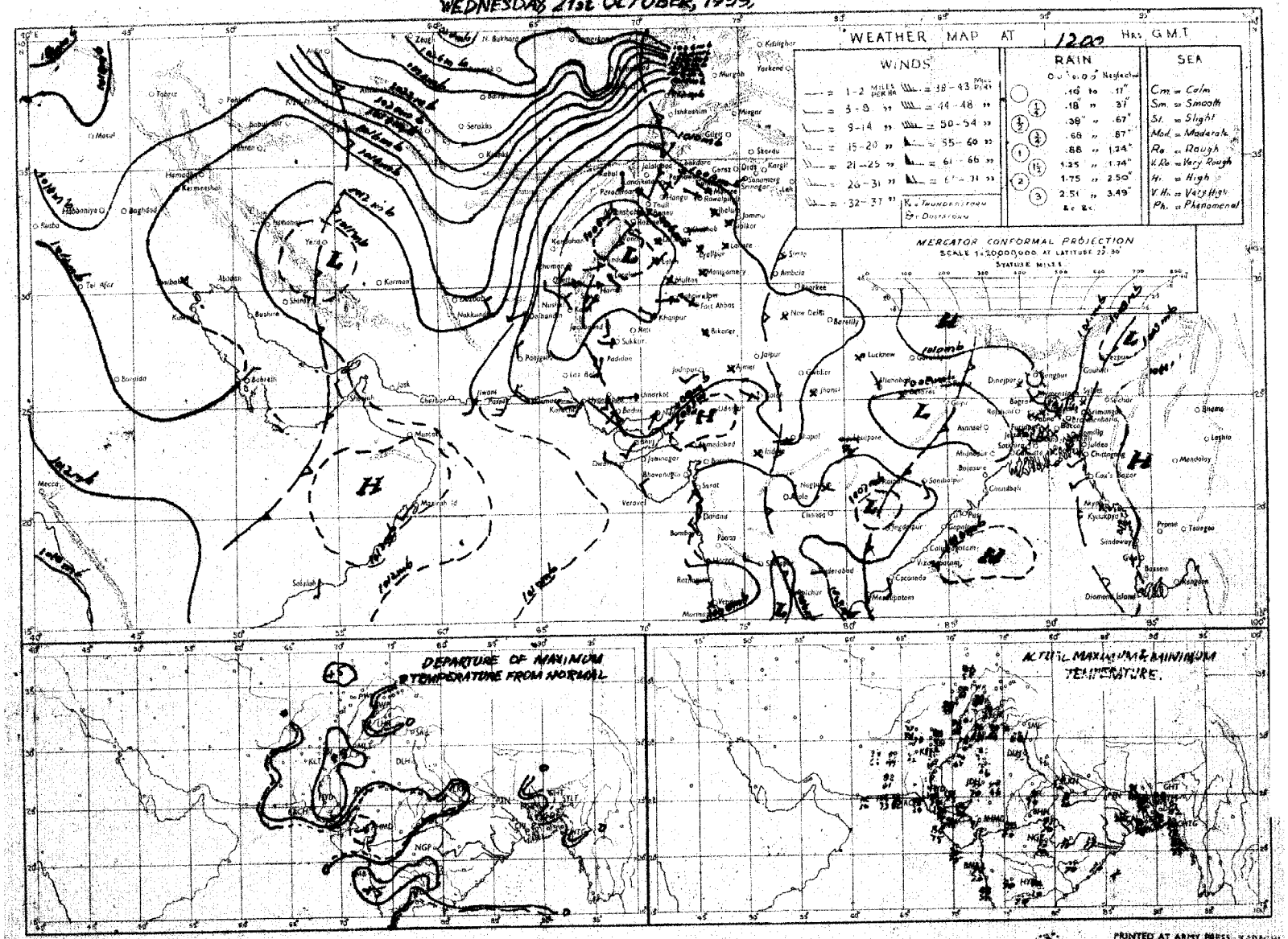
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st OCTOBER, 1959



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

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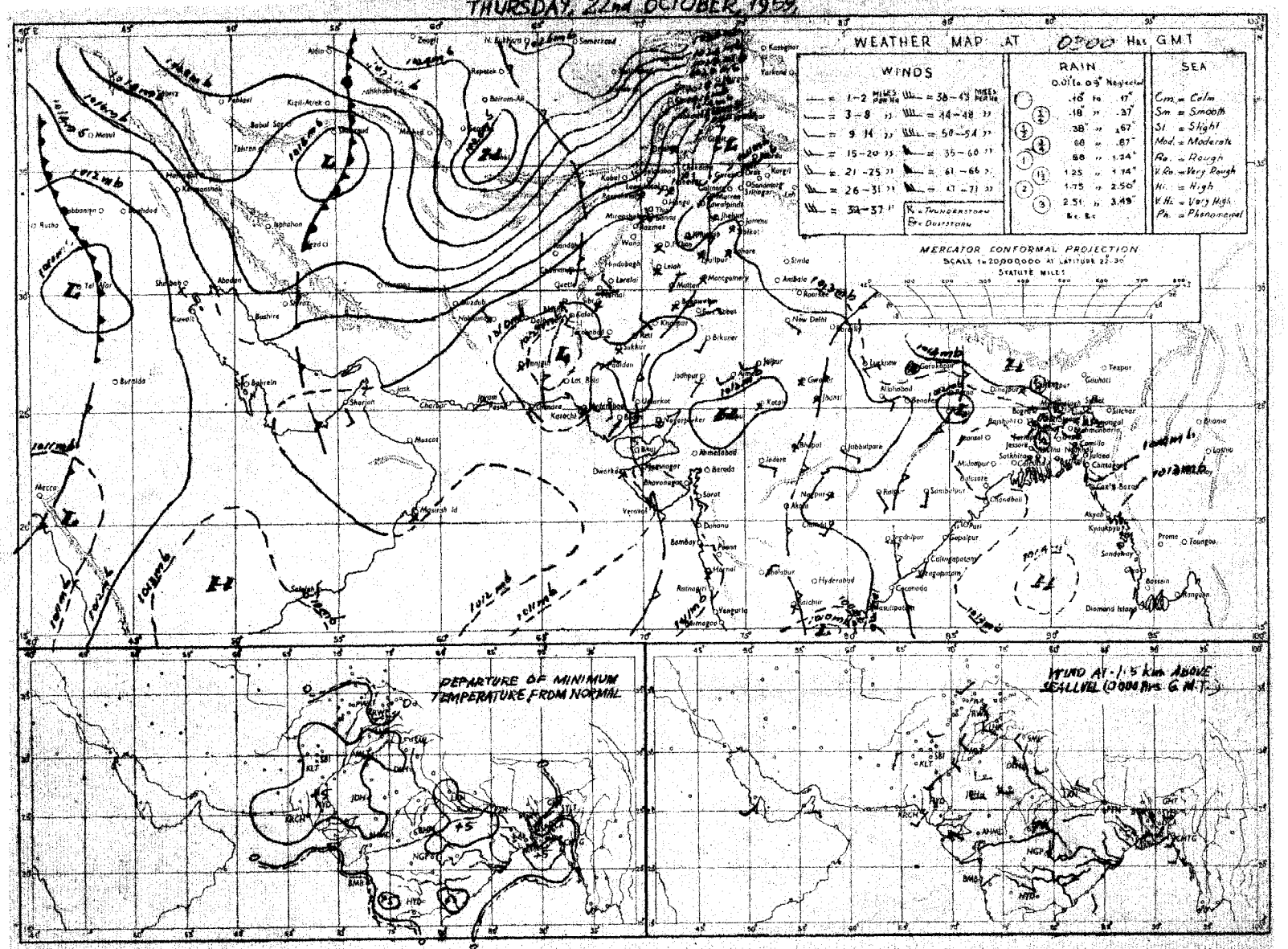
PAKISTAN DAILY WEATHER MAP

THURSDAY, 22nd OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457

Volume No. 13

FRIDAY THE 23rd OCTOBER, 1959.

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

Yesterday's low pressure wave over Kashmir has moved away eastwards.
A western disturbance is moving across west Iran and neighbourhood.
The low pressure wave over West Bengal now lies over East Pakistan and adjoining West Bengal.
Rain/thundershowers have been fairly widespread in Dacca division, local in Chittagong division and scattered in Rajshahi division.
Chief amounts of rainfall are:- Brahmanbaria, Narayanganj and Barisal 1½" each; Sylhet 1"; Dacca and Faridpur ½" each and Rangpur ¼".
Day temperatures were:-3—5°F below normal in the northern parts of East Pakistan and were nearly normal elsewhere over the country.
Forecast valid until the evening of 24th October, 1959. Local rain/thundershowers will occur in East Pakistan. Weather will be dry over West Pakistan.

Karachi-11
The 23rd October, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	25	03	95	01	0	114	83	1	3	7	5	0	74	89
	Chittagong	000	0	2	20	05	97	01	1	110	82	2	3	7	0	0	78	88
	Maijdee Court	015	3	9	27	02	xx	02	9	097	79	9	x	0	x	x	76	90
	Comilla	000	0	6	00	00	94	03	0	104	80	6	4	5	0	0	77	97
	Brahmanbaria	134	8	8	00	00	xx	03	6	098	77	8	4	4	x	x	75	78
	Sylhet	005	5	5	00	00	xx	02	6	107	79	1	1	6	7	8	75	84
	Srimangal	000	0	4	00	00	xx	03	0	112	79	2	3	5	3	0	76	84
Dacca	Mymensingh	000	0	6	00	00	98	02	1	118	82	6	4	5	0	0	73	85
	Narayanganj	151	7	3	00	00	xx	03	9	102	79	1	5	4	0	8	75	88
	Dacca (Tezgaon)	050	9	6	00	00	97	01	9	106	78	1	3	6	7	1	74	81
	Faridpur	064	6	3	00	00	96	01	9	097	81	2	2	7	1	0	74	81
	Barisal	162	4	6	13	02	97	03	6	108	75	6	0	8	4	0	73	89
Rajshahi	Khulna	000	0	0	00	00	93	03	0	111	77	0	0	9	0	0	75	90
	Satkhira	000	0	5	00	00	97	03	1	115	77	4	8	7	3	0	74	90
	Jessore	004	9	6	36	02	96	02	6	098	80	6	4	5	0	0	74	85
	Sirajganj	000	0	7	00	00	93	02	2	104	79	7	0	9	5	0	79	83
	Bogra	007	3	8	05	03	95	51	6	109	75	3	4	5	2	x	73	85
	Dinajpur	000	0	6	00	00	xx	02	2	088	74	6	0	9	2	0	73	80
	Rangpur	012	3	7	00	00	96	03	6	xxx	74	7	5	6	0	0	72	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	102	87	0	0	9	0	0	69	92
	Sialkot	000	0	0	00	00	97	00	0	097	94	0	0	9	0	0	65	89
Rawalpindi	Jhelum	000	0	1	18	02	96	02	0	097	84	1	1	7	0	0	66	91
	Rawalpindi	000	0	1	27	02	99	02	0	100	78	1	0	9	8	0	56	90
	Khushab	000	0	0	00	00	99	00	0	093	89	0	0	9	0	0	58	94
Multan	Lyallpur	000	0	0	00	00	96	00	0	101	91	0	0	9	0	0	64	93
	Montgomery	000	0	0	00	00	96	00	0	092	90	0	0	9	0	0	59	94
	Multan	000	0	0	00	00	98	02	0	085	95	0	0	9	0	0	57	97
Bahawalpur	Leiah	000	0	0	36	02	96	05	0	084	93	0	0	9	0	0	53	94
	Khanpur	000	0	0	00	00	96	02	0	084	93	0	0	9	0	0	69	97
	Bahawalpur	000	0	0	00	00	97	00	0	089	94	0	0	9	0	0	69	95
	Fort Abbas	000	0	0	02	02	98	00	0	080	92	0	0	9	0	0	75	00
Peshawar	Chakdara	000	0	0	03	02	99	00	0	100	83	0	0	9	0	0	52	84
	Peshawar	000	0	1	00	00	96	05	0	098	83	1	1	6	0	0	51	88
	Haripur	000	0	0	23	02	97	00	0	069	85	0	0	9	0	0	57	89
	Campbellpur	000	0	0	00	00	98	00	0	100	89	0	0	9	0	0	51	90
D. I. Khan	Bannu	000	0	0	02	01	99	00	0	077	86	0	0	9	0	0	56	89
	D. I. Khan	000	6	0	00	00	98	00	0	080	92	0	0	9	0	0	71	94
Quetta	Sibi	000	0	0	18	02	99	00	0	085	00	0	0	9	0	0	33	03
Kalat	Nokkundi	000	0	0	20	02	99	02	0	090	90	0	0	9	0	0	29	98
	Turbat	000	0	0	05	02	96	00	0	072	00	0	0	9	0	0	xx	02
	Jiwani	000	0	2	18	05	97	03	0	089	89	2	0	9	1	0	60	93
	Pasni	000	0	0	16	07	97	00	0	080	95	0	0	9	0	0	54	99
	Ormara	000	0	0	13	05	98	00	0	080	90	0	0	9	0	0	67	00
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	09	98	02	0	081	85	0	0	9	0	0	79	87
	Karachi (Air Port)	000	0	0	18	03	97	02	0	092	83	0	0	9	0	0	77	94
	Badin	000	0	0	23	02	97	00	0	094	97	0	0	9	0	0	74	04
	Nagarparkar	000	0	0	00	00	98	00	0	075	96	0	0	9	0	0	70	98
	Umarkot	000	0	2	31	02	98	02	0	080	94	2	2	6	0	0	68	00
	Hyderabad	000	0	2	00	00	97	03	0	092	95	0	0	9	0	1	66	98
Khairpur	Pad-i-dan	000	0	0	23	03	98	02	0	090	97	0	0	9	0	0	56	01
	Nawabshah	000	0	0	18	03	97	02	0	091	96	0	0	9	0	0	62	98
	Sukkur	000	0	0	31	02	96	00	0	082	96	0	0	9	0	0	60	02
	Kashmore	000	0	0	18	03	99	00	0	093	94	0	0	9	0	0	51	99
	Jacobabad	000	0	0	23	03	97	02	0	089	96	0	0	9	0	0	52	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	4	29	02	98	01	1	513	58	3	1	4	8	0	46	62
Peshawar	Drosh	000	1	5	23	09	97	03	1	486	74	5	0	9	5	0	30	87
	Cherat	000	0	0	18	01	98	00	0	530	72	0	0	9	0	0	61	78
	Kakul	000	8	1	18	05	98	01	1	513	72	1	4	7	4	0	43	77
	Landi Kotal	000	0	0	16	03	98	00	0	505	76	0	0	9	0	0	53	83
	Parachinar	000	0	0	13	02	99	00	0	803	71	0	0	9	0	0	63	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	507	80	0	0	9	0		37	85
	Wana	000	0	0	09	03	98	00	0	494	77	0	0	9	0	0	40	80
	Fort Sandeman	000	0	1	18	03	98	02	0	519	82	0	0	9	0	3	44	85
Quetta	Hindubagh	000	0	2	25	05	98	01	0	464	78	0	0	9	0	1	37	62
	Loralai	000	0	2	13	03	98	01	1	364	77	0	0	9	0	1	61	83
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	94	00	0	501	75	0	0	9	0	0	45	78
	Chaman	000	0	0	36	02	97	00	0	523	78	0	0	9	0	0	45	82
Kalat	Kalat	000	0	0	34	07	97	00	0	513	69	0	0	9	0	0	61	77
	Nushki	000	0	0	31	02	98	02	0	589	82	0	0	9	0	0	52	87
	Dalbandin	000	8	1	09	02	96	03	0	523	84	0	0	9	0	1	39	86
	Panjgur	000	0	0	36	03	98	00	0	531	80	0	0	9	0	0	37	80
Afghanistan	Kabul																	
	Kandahar																	

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

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)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	2	16	02	97	03	0	145	87	2	2	6	0	0	75	75	+ 2	+ 2	120.6	+ 6.0	136.4	140
	Chittagong	000	0	1	13	02	97	01	1	150	83	1	1	7	0	0	77	74	+ 1	+ 2	96.6	+14.1	128.6	108
	Maijdee Court	015	6	3	00	00	97	93	0	133	82	3	2	6	0	0	77	76	+ 5	+ 5	104.0	+13.0	135.1	115
	Comilla	000	0	8	00	00	97	02	2	141	83	8	4	5	x	x	77	76	0	+ 5	74.9	+ 6.4	100.9	94
	Brahmanbaria	134	0	6	00	00	97	03	1	143	80	8	4	4	x	x	77	72	—	—	55.8	+ 2.3	81.8	76
	Sylhet	098	9	7	05	12	96	21	6	140	75	6	7	3	2	0	73	71	—	—	151.6	—	189.6	—
	Srimangal	000	0	6	18	03	96	03	1	144	81	4	4	5	3	0	74	73	− 5	+ 4	73.8	+ 9.4	105.8	98
Dacca	Mymensingh	000	0	4	27	02	98	02	1	144	80	4	4	5	0	0	74	74	− 1	+ 2	89.3	+20.9	111.4	91
	Narayanganj	155	9	7	23	03	97	03	1	138	82	5	4	4	3	0	76	78	+ 1	+ 4	80.3	+27.7	100.5	74
	Dacca (Tezgaon)	059	3	7	23	03	97	03	6	136	80	3	3	5	5	0	76	73	—	—	85.0	—	100.6	—
	Faridpur	064	9	3	18	02	97	03	0	141	81	2	5	7	1	0	75	71	+ 5	− 1	85.5	+34.6	113.8	71
	Barisal	162	9	4	05	01	97	03	2	138	85	4	0	8	4	0	78	74	+ 2	+ 1	117.9	+45.7	132.8	81
Rajshahi	Khulna	000	0	7	00	00	96	01	2	145	81	7	5	6	0	0	77	76	—	—	51.5	− 0.9	68.8	68
	Satkhira																		—					65
	Jessore	006	9	5	23	05	97	01	6	139	81	3	4	6	6	0	75	76	− 2	+ 4	67.9	+20.5	103.8	65
	Sirajganj	007	5	6	27	03	97	01	6	126	84	5	2	5	6	0	83	75	− 3	+ 4	83.2	+34.1	108.0	64
	Bogra	007	2	6	00	00	96	02	5	138	77	4	6	4	2	0	74	75	− 1	+ 4	94.3	+29.4	104.4	69
	Dinajpur	000	3	4	00	00	96	02	1	130	76	4	0	9	2	0	73	73	− 6	+ 3	49.5	−10.6	66.9	72
	Rangpur	018	7	7	00	00	96	03	5	xxx	76	7	5	6	0	0	73	73	− 5	+ 4	72.5	+ 5.8	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	152	73	0	0	9	0	0	65	65	− 2	+ 7	21.8	+ 7.1	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	147	73	0	0	9	0	0	61	65	− 3	+ 4	52.6	+28.8	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	151	68	0	0	9	0	0	64	63	—	—	39.1	—	49.3	—
	Rawalpindi	008	0	0	00	00	98	00	0	167	65	0	0	9	0	0	55	59	+ 1	+ 3	38.8	+14.8	51.8	36
	Khushab	000	0	0	00	00	99	00	0	149	71	0	0	9	0	0	69	66	0	+ 4	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	00	00	95	03	0	148	65	0	0	9	0	0	62	65	0	+ 4	14.5	+ 3.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	147	70	0	0	9	0	0	62	67	− 2	+ 3	6.1	− 1.5	8.4	10
	Multan	000	0	0	13	03	98	02	0	144	76	0	0	9	0	0	55	74	+ 3	+ 12	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	000	0	0	00	00	96	04	0	139	69	0	0	9	0	0	56	65	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	00	00	96	02	0	147	76	0	0	9	0	0	62	66	+ 2	+ 7	0.5	− 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	151	74	0	0	9	0	0	57	66	+ 1	+ 5	5.5	+ 1.2	6.5	6
	Fort Abbas	000	0	0	11	02	98	00	0	157	78	0	0	9	0	0	57	xx	—	—	8.5	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	166	64	0	0	9	0	0	44	57	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	97	02	0	163	68	0	0	9	0	0	49	62	+ 1	+ 2	9.7	+ 5.0	23.3	14
	Haripur	000	0	0	23	04	97	00	0	173	70	0	0	9	0	0	55	64	—	—	21.1	—	32.0	—
	Campbellpur	000	0	0	00	00	98	00	0	175	70	0	0	9	0	0	62	59	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	34	01	99	00	0	163	68	0	0	9	0	0	51	65	—	—	9.3	—	12.4	11
	D. I. Khan	000	2	1	00	00	98	02	0	151	73	0	0	9	0	1	62	66	+ 1	+ 5	10.5	+ 5.8	14.3	10
Quetta	Sibi	000	0	0	09	02	99	00	0	144	66	0	0	9	0	0	41	65	—	—	4.9	—	3.2	3
Kalat	Nokkundi	000	0	0	05	02	99	02	0	176	63	0	0	9	0	0	20	60	—	—	0	—	1.1	3
	Turbat	000	0	0	09	02	95	00	0	151	70	0	0	9	0	0	69	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	09	05	96	02	0	134	77	0	0	9	0	0	68	77	—	—	0.3	—	5.9	4
	Pasni	000	0	0	07	05	97	00	0	139	78	0	0	9	0	0	75	76	+ 7	+ 9	0.6	− 0.3	3.2	6
	Ormara	000	0	0	09	03	98	02	1	137	77	0	0	9	0	0	76	74	—	—	2.1	+ 1.3	4.1	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	00	00	94	10	0	137	78	0	0	9	0	0	75	76	− 1	+ 3	16.5	+10.4	16.5	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	144	73	0	0	9	0	0	69	69	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	135	81	0	0	9	0	0	75	77	+ 9	+ 9	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	136	87	0	0	9	0	0	68	81	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	00	00	98	00	0	140	77	0	0	9	0	0	69	71	—	—	19.5	—	20.3	—
	Hyderabad	000	0	0	00	00	96	05	0	144	79	0	0	9	0	0	71	74	− 5	+ 4	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	1	13	03	97	01	0	133	78	1	0	9	1	0	58	66	—	—	7.3	—	7.5	—
	Nawabshah	000	0	1	00	00	96	03	0	140	76	0	0	9	3	0	65	69	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	00	00	96	00	0	142	76	0	0	9	0	0	69	71	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	140	81	0	0	9	0	0	62	65	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	03	97	02	0	143	74	0	0	9	0	0	63	69	+ 2	+ 5	3.8	+ 1.4	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	000	5	0	00	00	98	00	0	139	41	0	0	9	0	0	21	35		—	—	—	—	—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	0	31	05	98	02	1	445	53	0	0	9	0	0	34	48	− 3	− 1	52.5	+15.5	77.7	59
Peshawar	Drosh	000	9	0	00	00	98	02	0	562	56	0	0	9	0	0	34	55	+ 11	+ 3	1.5	—	30.7	18
	Cherat	000	0	0	31	01	98	00	0	555	62	0	0	9	0	0	54	60	+ 2	+ 3	20.9	+ 8.4	30.9	29
	Kakul	000	0	0	00	00	97	02	0	548	62	0	0	9	0	0	42	57	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	00	00	98	00	0	541	65	0	0	9	0	0	44	xx	—	—	3.8	—	18.9	—
	Parachinar	000	0	0	00	00	99	00	0	803	53	0	0	9	0	0	33	xx	—	—	14.1	—	28.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	517	64	0	0	9	0	0	37	57	—	—	4.0	− 0.8	7.0	13
	Wana	000	0	0	20	02	98	02	0	528	57	0	0	9	0	0	31	40	—	—	5.4	—	14.1	—
	Fort Sandeman	000	0	1	00	00	97	01	0	553	63	0	0	9	0	4	43	55	+ 3	+ 6	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	00	00	98	00	0	527	51	0	0	9	0	0	30	50	—	—	4.6	—	12.6	—
	Loralai	000	0	3	31	03	98	01	1	324	53	0	0	9	0	1	25	49	—	—	7.1	—	13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	000	0	0	00	00	94	00	0	541	56	0	0	9	0	0	33	41	—	—	4.7	+ 3.6	10.2	8
	Chaman	000	0	0	09	02	97	00	0	547	60	0	0	9	0	0	20	54	+ 3	+ 2	0.1	− 0.2	8.2	7
Kalat	Kalat	000	0	0	18	05	97	00	0	569	55	0	0	9	0	0	48	45	+ 3	+ 6	6.3	+ 5.0	11.0	5
	Nushki	000	0	0	09	11	98	02	0	595	69	0	0	9	0	0	29	63	—	—	1.1	—	2.9	—
	Dalbandin	000	9	0	07	02	96	02	0	527	53	0	0	9	0	0	21	47	− 1	− 2	0.2	− 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	533	62	0	0	9	0	0	34	57	− 6	+ 3	2.5	—	4.1	4
Afghanistan	Kabul																							12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 23rd OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	0 TsTsTdTd	Idwdw PwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Doressa	53 246	612 00	0 27 02	98 02 0	105 84	00 9 00	24 61 8	...	0 54 77	1 36 21
Dalila	53 247	580 03	4 36 08	98 03 0	106 84	00 9 02	36 21 1	...	0 51 72	1 27 20
Astarte	53 195	585 06	0 27 04	99 02 0	147 81	00 9 00	54 21 1	...	0 95 75	1 31 x1
Berenice	53 242	585 06	0 31 06	99 02 0	127 88	00 9 00	76 40 2	...	0 00 72	1 29 32
Ismaru	53 174	680 06	2 02 10	98 01 0	135 82	20 9 30	66 21 5	...	0 04 66	1 01 22
Cheverny	53 254	573 06	1 01 16	98 02 0	128 88	10 7 80	35 20 8	...	0 05 66	1 04 28
Junon	53 253	575 06	1 04 02	99 02 0	059 91	00 9 02	75 21 5	...	0 00 70	1 00 x0
Woensdrecht	53 180	573 06	0 00 00	98 02 0	190 79	00 9 00	24 22 5	...	0 00 79	1 26 21
Dalila	53 239	586 06	1 26 12	98 01 0	116 88	00 9 01	36 11 0	...	0 04 64	1 01 x1
Berenice	53 248	578 09	0 01 08	99 02 0	105 90	00 9 00	76 72 2	...	0 04 66	1 01 21
Cheverny	53 249	577 09	1 01 03	98 02 0	115 90	10 8 40	35 71 3	..	0 03 79	1 36 21
Dalila	53 233	591 09	0 36 08	98 02 0	095 90	00 9 00	36 72 1	...	0 52 68	1 19 20
Astarte	53 180	578 12	0 19 01	98 02 0	127 79	00 9 00	54 71 2	—	0 00 78	1 05 21
Cheverny	53 244	561 12	1 05 04	98 02 0	100 86	00 9 08	38 51 5	—	0 02 79	1 00 x0
Dalila	53 225	599 12	0 00 00	97 02 0	095 88	00 9 00	36 40 0	..	0 14 79	1 30 32
Dwarka	53 248	669 12	0 31 05	98 02 0	101 69	00 9 00	65 30 2	..	0 02 73	1 20 21
Woensdrecht	53 187	581 12	0 20 09	98 02 0	160 81	00 9 00	14 71 2		0 00 73	1 34 21
Ismaru	53 184	665 12	3 02 02	98 01 0	120 84	21 5 60	66 61 5	...	0 55 37	1 49 x0
Cheverny	53 238	585 12	3 00 00	98 02 0	120 82	00 9 00	35 32 0	..	0 55 75	1 00 x0
Dalila	52 218	597 15	0 00 00	98 02 0	100 81	00 9 00	36 20 5		0 01 70	1 49 x0
Berenice	53 260	569 15	0 00 00	98 02 0	106 86	00 9 00	68 40 0	..	0 52 72	1 35 22
Ismaru	53 194	651 18	3 02 04	97 02 0	140 77	21 5 10	66 21 0	..	0 52 72	1 20 21
Woensdrecht	53 196	586 18	0 20 09	98 02 0	170 79	00 9 00	14 21 0	...	0 57 77	1 20 x0
Dalila	53 210	595 18	0 29 03	98 02 0	110 79	00 9 00	46 81 0	..	0 51 79	1 26 21
Dwarka	53 249	653 18	0 26 05	98 02 0	128 81	00 9 00	65 40 0	..		

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	23 00	011 265 225	105 242 225	...	480 152 138	—	128 065 048	374 515 522	806 595 618	503 682 999	959 840	233 025	115 125	658 255
Dacca														
Jiwani														
Karachi	00 00	010 218 192	110 232 182 Misda	—	530 238 558	..	200 102 665	472 072 999	952 002 999	703 612 999	985 752	..	—	—
Lahore	00 00	.		..		..		...	...		—	...	—	—
Multan														
Peshawar														
Quetta	23 00	972 188 122	.	—	500 210 000	.	171 105 525	437 012 652	878 582 732	567 698 999	.	..	..	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH tT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	23 00	800 125 102	620 002 508	...	—	—	—	..	—	—	620 002 508	—	..
Dacca													
Jiwani													
Karachi	00 00	908 292 515	800 195 565 Misda	—	..	...	.	—	—	—	800 195 565	...	—
Lahore	00 00			..	—	..	...	...	...	—	...	...	—
Multan													
Peshawar													
Quetta	23 00	900 232 122	800 175 068	350 765 999	..	..	—	..	—	..	350 765 999	—	..

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → / STATION	0.3	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	16 07	17 11	20 13	..	...	...	...	..	..
Chakdala									
Chhor	26 05	23 03	21 03	13 10	13 12	09 11	26 07	35 13	33 18
Chittagong	23 13	22 10	22 07	23 08	23 09	21 08	19 15	24 13	24 09
Cox's Bazar	29 04	27 04	22 03	19 05					
Dacca	20 11	20 12	21 12	24 12	23 13	23 12	25 22	25 22	25 25
Dalbandin	...	—	09 03	06 05	03 06	08 05	05 09	33 10	15 14
D. I. Khan	—	—	—						
Drosh	—	—	—		22 15	21 15	23 13	20 16	
Fort Sandeman				23 03	19 03	26 05	32 18	31 27	22 41
Jacobabad	22 06	22 09	20 10	23 04	19 07	01 11	01 11	36 14	33 21
Jessore	11 11	10 07	16 04	22 12	24 13	26 17			
Jhelum	17 03	22 04	24 03	29 09	30 16	30 06	30 20	31 32	30 35
Jiwani	No	Ascent							
Karachi	14 07	12 10	13 09	13 07	10 08	08 12	04 13	05 12	01 08
Khanpur	21 03	27 08	27 11	25 07	22 04	03 05	33 20	33 30	32 38
Lahore	34 05	34 04	36 04	01 05	35 13	29 16	31 27	30 34	31 39
Multan	08 05	08 04	08 04	13 03	26 08	27 12	33 15	33 21	32 32
Muscat	—	—	.		—	—	—	—	—
Panjgur	—								
Peshawar	—	06 06	09 06	17 13	20 16	25 11	29 21	33 28	31 36
Quetta	—	—	...	...	28 06	21 09	34 04	33 19	33 27
Sha-jah	...						...	...	—
Sylhet	31 03	28 03	24 04	21 06	20 11	23 12	.	...	...
Veraval	...	...	—	...	...	...	—	—	—

At 0000 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra	24 07				..	—
Chakdala	...	03 03	31 06	34 13		
Chhor	26 05	24 03	14 01	14 09	10 13	08 15
Chittagong	20 06	20 07	19 07	19 09	20 10	23 09
Cox's Bazar	17 03	18 03	18 05	19 07	21 10	22 05
Dacca	24 14	24 16	23 17	23 15	xx xx	25 14
Dalbandin	—	—	09 04	12 06	18 07	22 14
D. I. Khan	—	—	—			
Drosh	—	—	—	24 01	20 08	25 04
Fort Sandeman	—	—		21 03	25 62	26 10
Jacobabad	12 04	24 16	22 18	21 17	19 17	15 04
Jessore	23 11	23 17	24 15			
Jhelum	30 04	30 07	31 08	32 12	33 14	33 15
Jiwani	No	Ascent				
Karachi	13 05	13 08	17 08	13 12	11 13	11 13
Khanpur	28 02	29 04	29 12	28 21	26 15	26 10
Lahore	08 03	30 07	32 13	32 10	34 14	33 24
Multan	13 20	14 14	16 05	26 13	26 13	23 04
Muscat	—	—		—	—	
Panjgur	—					
Peshawar	..	36 07	02 07	33 03	28 05	29 06
Quetta	..	...	...	..	18 04	25 12
Sha-jah	—		—	—	..	—
Sylhet	29 04	22 06	...	...	...	
Veraval	...	...				...

At 600 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	[illegible]
	17	18	19	20	21	22	23	24	25	26	27
Bogra	28 12	28 15	27 17	26 17	26 18	—	...	—	—	..	...
Chakdala											..
Chhor	27 01	34 01	34 04	33 13	30 13	29 16	29 07	11 04	11 06	11 13	..
Chittagong	20 04	20 08	21 10	21 10	22 14	23 12	23 19	24 24	25 26	...	—
Cox's Bazar											
Dacca	25 11	24 10	24 13	23 21	23 21	24 23	24 23	25 34	26 36	26 22	27 35
Dalbandin	—	—	07 07	17 09	19 11	21 15	13 07	16 07	20 08	24 20	27 28
D. I. Khan	...	—	—	—							—
Drosh	...	—	—	—	15 01	19 01	25 01	18 05	16 05	14 07	30 38
Fort Sandeman		—	—	24 03	24 09	27 20	28 15	29 27	29 24	23 31	
Jacobabad	21 07	21 10	24 13	22 12	19 10	09 02	04 05	33 05	29 11	28 21	—
Jessore											—
Jhelum	32 01	31 07	31 13	32 11	29 13	30 09	30 22	31 30	30 37	...	—
Jiwani	No	Ascent									—
Karachi	09 06	13 07	12 07	11 09	12 15	11 31	12 17	13 15	27 02	27 05	—
Khanpur	24 10	28 12	28 12	25 13	24 12	20 02	34 09	33 12	29 10		—
Lahore	33 03	30 08	32 10	34 13	30 13	31 15	31 09	31 30	32 35	31 41	...
Multan	19 03	18 06	19 04	26 10	26 09	24 09	31 18	30 21	31 23	28 27	-
Muscat	—	—	...			...	...	...	...	...	..
Panjgur	—										
Peshawar	—	05 03	35 06	34 04	28 07	25 07	27 15	14 30	29 37	30 57	29 12
Quetta	—	..		.	18 05	25 11	27 10	30 10	25 15	28 21	
Sha-jah	—	...	...	...					...	...	
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 Kms. a.s.l. / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.8	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	22 15	24 17	24 16	23 16	23 17	24 16	25 16	26 28	27 27	29 25	29 32	27 41	27 43	27 41	26 36	25 36	--	--
Dacca																		
Karachi	34 06	07 09	13 11	13 15	16 18	11 21	10 17	10 12	11 11	29 09	30 08	27 11	21 11	..	...	...	--	--
Peshawar	sda	..	---	-			---	-	...	...	...			—				
Quetta																		

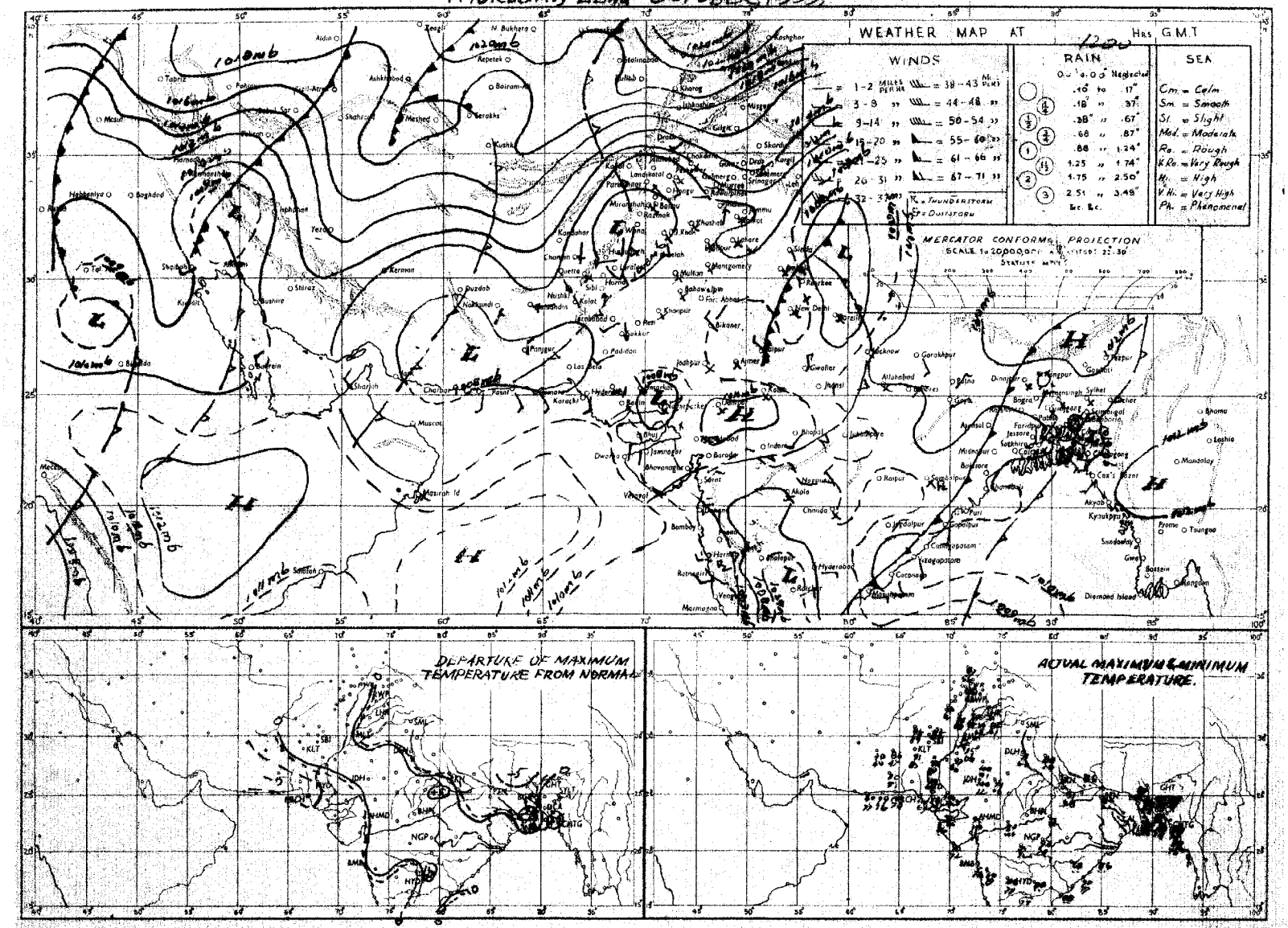
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 22nd OCTOBER, 1959



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

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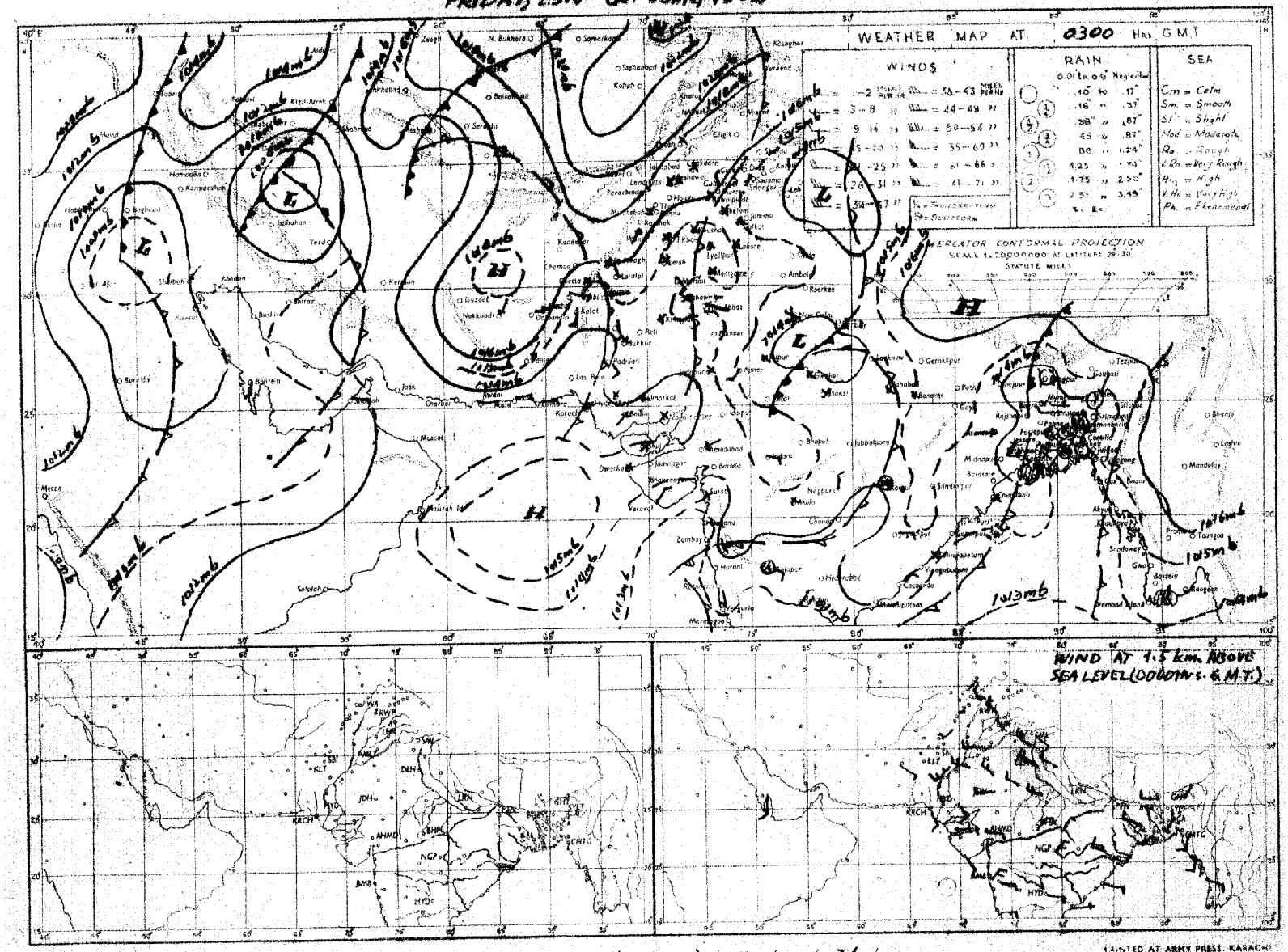
PAKISTAN DAILY WEATHER MAP

FRIDAY, 23rd OCTOBER, 1952



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 24th OCTOBER, 1959.

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

Yesterday's low pressure wave over East Pakistan moved away eastwards while a fresh one is moving across West Bengal and neighbourhood.
Rain/thundershowers have been fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division.
The western disturbance over West Iran is moving across Russian Turkistan north of Iran.
A fresh western disturbance lies over southwest Iran and adjoining areas.
Weather remained dry over West Pakistan.
Chief amounts of rainfall are:- Maijdee Court, Comilla and Mymensingh 1" each, Srimangal 3/4", Faridpur, Barisal and Khulna ½" each and Chittagong, Sylhet, Dacca and Sirajganj ¼" each.
Day temperatures were:-3—4°F above normal in Multan, Bahawalpur, Quetta, Kalat and Hyderabad divisions.
Forecast valid until the evening of 25th October, 1959. Local rain/thundershowers will occur in Chittagong and Dacca divisions and scattered in Rajshahi and Peshawar divisions and in Kashmir.

Karachi-11
The 24th October, 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	003	0	3	25	02	95	01	0	110	83	2	9	7	0	4	74	89
	Chittagong	000	0	7	23	09	97	02	2	108	82	5	3	6	2	0	74	87
	Maijdee Court	025	4	9	18	06	xx	02	9	102	75	9	1	0	1	1	72	90
	Comilla	085	4	8	00	00	94	02	9	105	78	8	4	5	1	1	75	87
	Brahmanbaria	010	4	8	00	00	xx	03	6	110	78	6	4	4	2	1	75	86
	Sylhet	021	6	6	13	05	xx	03	9	109	74	4	5	5	3	0	73	77
	Srimangal	085	8	8	00	00	xx	92	9	113	74	7	3	9	5	4	73	84
Dacca	Mymensingh	105	8	2	00	00	97	02	6	102	81	2	4	5	0	0	72	84
	Narayanganj	000	9	4	00	00	xx	03	1	094	79	3	4	4	0	8	75	86
	Dacca (Tezgaon)	037	6	4	00	00	98	13	6	098	76	4	3	5	0	0	74	87
	Faridpur	061	8	8	09	02	96	02	9	094	79	6	4	7	2	0	76	81
	Barisal	050	4	5	00	00	97	03	6	099	80	3	0	7	4	2	76	87
Rajshahi	Khulna	045	2	5	00	00	xx	01	6	138	76	5	5	7	0	0	71	90
	Satkhira	000	0	5	00	00	97	03	2	098	78	4	2	8	3	0	77	89
	Jessore	000	0	2	36	02	97	01	2	112	82	2	4	6	0	0	76	88
	Sirajganj	018	7	0	00	00	92	00	6	091	80	0	0	9	0	0	80	86
	Bogra	000	0	0	27	02	xx	02	0	096	81	0	0	9	0	0	73	86
	Dinajpur	000	2	0	00	00	xx	00	1	090	80	0	0	9	0	0	72	87
	Rangpur	000	0	1	00	00	96	01	0	111	80	1	5	6	0	0	73	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	111	87	0	0	9	0	0	64	91
	Sialkot	000	0	0	31	02	97	00	0	099	85	0	0	9	0	0	64	90
Rawalpindi	Jhelum	000	0	0	27	02	96	02	0	102	87	0	0	9	0	0	57	92
	Rawalpindi	000	0	0	27	02	99	00	0	106	81	0	0	9	0	0	58	86
	Khushab	000	0	0	00	00	99	00	0	100	90	x	x	9	x	x	57	94
Multan	Lyallpur	000	0	0	29	02	96	00	0	111	90	0	0	9	0	0	61	94
	Montgomery	000	0	0	00	00	96	00	0	102	95	0	0	9	0	0	53	95
	Multan	000	0	0	00	00	99	02	0	110	95	0	0	9	0	0	53	97
Bahawalpur	Leiah	000	0	0	00	00	97	05	0	107	96	0	0	9	0	0	53	97
	Khanpur	000	0	0	29	02	96	02	0	105	97	0	0	9	0	0	68	30
	Bahawalpur	000	0	0	00	00	97	00	0	111	93	0	0	9	0	0	67	97
	Fort Abbas	000	0	0	24	03	98	00	0	109	91	0	0	9	0	0	65	01
Peshawar	Chakdara	000	0	0	23	02	99	00	0	118	81	0	0	9	0	0	52	85
	Peshawar	000	0	1	00	00	96	05	0	110	84	0	0	9	0	1	57	87
	Haripur	000	0	0	05	02	97	00	0	xxx	85	0	0	9	0	0	56	88
	Campbellpur	000	0	0	27	00	98	00	0	112	80	0	0	9	0	0	49	90
D. I. Khan	Bannu	000	0	0	36	01	99	00	0	660	85	0	0	9	0	0	57	89
	D. I. Khan	000	6	0	00	00	98	00	0	660	90	0	0	9	0	0	69	94
Quetta	Sibi	000	0	0	13	02	99	00	0	107	00	0	0	9	0	0	48	01
Kalat	Nokkundi	000	0	0	13	02	99	02	0	105	89	0	0	9	0	0	18	91
	Turbat	000	0	0	13	02	96	00	0	120	95	0	0	9	0	0	70	03
	Jiwani	000	0	2	13	14	96	05	0	124	84	2	6	4	0	0	74	86
	Pasni	000	0	0	16	07	97	00	0	127	85	0	0	9	0	0	76	85
	Ormara	000	0	0	00	00	98	00	0	118	92	0	0	9	0	0	56	96
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	122	86	0	0	9	0	0	81	88
	Karachi (Air Port)	000	0	1	18	05	97	02	0	122	90	1	1	6	0	0	70	97
	Badin	000	0	0	23	02	97	00	0	122	96	0	0	9	0	0	73	03
	Nagarparkar	000	0	0	00	00	98	00	0	104	97	0	0	9	0	0	70	99
	Umarkot	000	0	2	31	02	98	00	0	108	95	2	0	9	4	0	62	01
	Hyderabad	000	0	0	18	02	97	02	0	122	95	0	0	9	0	0	57	00
Khairpur	Pad-i-dan	000	0	0	18	05	97	02	0	117	96	0	0	9	0	0	56	00
	Nawabshah	000	0	0	19	05	97	02	0	120	95	0	0	9	0	0	55	99
	Sukkur	000	0	0	27	03	96	03	0	111	93	0	0	9	0	0	61	99
	Kashmore	000	0	0	xx	00	99	00	0	107	94	0	0	9	0	0	54	99
	Jacobabad	000	0	0	23	05	96	02	0	113	96	0	0	9	0	0	59	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	—	—	—	—				—	—			—	—	—		—	—
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	00	00	98	50	0	525	59	0	0	9	0	0	44	64
Peshawar	Drosh	000	0	0	23	09	97	02	0	510	75	0	0	9	0	0	32	84
	Cherat	000	0	0	18	00	98	00	0	530	72	0	0	9	0	0	63	78
	Kakul	000	0	0	18	02	97	01	0	527	70	0	0	9	0	0	47	79
	Landi Kotal	000	0	2	13	02	98	03	0	513	75	0	0	9	0	4	43	81
	Parachinar	000	0	4	13	02	99	00	0	805	71	0	0	9	0	4	63	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	516	80	0	0	9	0	0	43	83
	Wana	000	0	0	18	05	98	00	0	495	82	0	0	9	0	0	xx	83
	Fort Sandeman	000	0	1	18	03	98	03	0	519	84	1	0	9	0	3	51	86
Quetta	Hindubagh	000	0	0	25	08	96	00	0	501	75	0	0	9	0	0	38	79
	Loralai	000	0	5	13	03	96	01	1	329	77	2	2	6	0	1	49	83
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	530	78	0	0	9	0	0	25	80
	Chaman	000	0	0	27	02	97	00	0	536	81	0	0	9	0	0	50	84
Kalat	Kalat	000	0	0	00	00	98	00	0	528	75	0	0	9	0	0	63	78
	Nushki	000	0	0	31	05	98	02	0	589	82	0	0	9	0	0	41	89
	Dalbandin	000	0	0	31	02	96	02	0	542	89	0	0	9	0	0	38	91
	Panjgur	000	0	0	13	02	98	00	0	536	87	0	0	9	0	0	34	88
Afghanistan	Kabul	000	0	0	27	00	99	00	0	557	66	0	0	9	0	0	51	71
	Kandahar																	

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 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	003	3	4	20	02	97	01	6	145	85	2	1	7	5	2	75	74	+ 2	+ 1	120.6	+ 5.8	136.5	140
	Chittagong	028	4	5	05	05	97	01	6	153	79	5	4	5	0	0	75	74	+ 1	+ 2	94.9	+14.1	128.9	108
	Maijdee Court	095	9	2	00	00	98	01	6	152	79	2	1	6	0	0	74	72	+ 5	+ 1	104.9	+13.8	136.8	115
	Comilla	111	9	8	00	00	97	02	6	155	77	8	4	5	x	x	74	73	0	+ 2	74.0	+ 7.3	102.0	94
	Brahmanbaria	010	0	8	18	02	97	03	2	153	80	4	4	4	2	x	73	76	—	—	55.5	+ 2.2	81.9	76
	Sylhet	021	9	6	09	02	97	03	6	153	77	5	5	5	7	0	73	71	—	—	151.9	—	189.9	—
	Srimangal	088	3	7	00	00	96	03	6	159	75	5	3	5	4	x	72	72	— 5	+ 3	74.7	+10.1	106.7	98
Dacca	Mymensingh	105	0	2	13	02	97	01	1	158	81	2	4	6	0	0	74	72	— 2	0	90.4	+24.8	112.5	91
	Narayanganj	000	9	3	00	00	97	01	2	152	82	3	4	5	0	0	75	76	— 1	+ 2	80.3	+27.9	100.5	74
	Dacca (Tezgaon)	037	9	7	00	00	97	03	1	148	77	8	8	4	0	0	73	73	—	—	85.4	—	100.9	—
	Faridpur	066	9	2	36	02	97	03	0	141	81	2	5	7	0	0	74	73	— 5	+ 1	86.1	+26.1	114.4	71
	Barisal	050	9	5	36	01	97	03	6	146	82	3	7	5	4	0	75	76	0	+ 3	118.4	+47.4	133.3	81
Rajshahi	Khulna	045	0	7	00	00	96	03	1	152	80	5	4	6	3	0	76	74	—	—	51.9	— 0.4	69.3	68
	Satkhira	000	0	7	00	00	96	02	2	147	81	6	2	7	3	0	77	75	—	—	61.0	+10.9	79.1	65
	Jessore	000	4	2	05	02	97	01	4	148	78	2	0	9	6	0	75	73	+ 1	+ 1	67.9	+20.4	103.9	65
	Sirajganj	018	9	2	00	00	97	03	2	124	81	1	1	4	0	0	74	73	0	+ 2	83.4	+34.1	108.2	64
	Bogra	100	0	2	09	02	97	01	0	153	78	1	5	6	0	0	73	72	0	+ 1	84.3	+29.4	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	142	79	0	0	9	0	0	70	79	+ 1	+ 9	49.5	—10.6	66.9	72
	Rangpur	000	0	2	09	02	96	03	0	xxx	78	2	5	6	1	0	72	73	— 1	+ 4	72.5	+ 5.7	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	115	73	0	0	9	0	0	66	64	— 3	+ 6	21.8	+ 7.1	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	116	72	0	0	9	0	0	57	63	— 2	+ 2	52.6	+28.8	58.4	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	118	69	0	0	9	0	0	56	62	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	0	00	00	97	00	0	127	65	0	0	9	0	0	57	58	— 3	+ 2	38.8	+14.8	51.8	36
	Khushab	000	0	0	00	00	99	00	0	117	72	0	0	9	0	0	59	65	0	+ 2	16.2	+ 8.7	21.7	15
Multan	Lyallpur	000	0	0	00	00	95	00	0	116	78	0	0	9	0	0	61	64	+ 1	+ 3	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	13	03	96	00	0	111	68	0	0	9	0	0	58	66	1	+ 3	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	128	72	0	0	9	0	0	60	68	+ 3	+ 6	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	000	0	0	36	02	96	04	0	111	69	0	0	9	0	0	60	64	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	25	02	96	02	0	125	75	0	0	9	0	0	62	70	+ 5	+ 11	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	00	00	97	00	0	127	77	0	0	9	0	0	59	69	+ 3	+ 8	5.5	+ 1.2	6.3	6
	Fort Abbas	000	0	0	20	02	98	00	0	119	80	0	0	9	0	0	56	xx	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	128	63	0	0	9	0	0	59	59	—	—	11.0	—	26.5	—
	Peshawar	000	0	1	18	02	97	03	0	129	67	0	0	9	0	1	53	63	0	+ 3	9.7	+ 5.0	23.5	14
	Haripur																							
	Campbellpur	000	0	0	00	00	98	00	0	144	71	0	0	9	0	0	64	58	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	000	0	0	34	10	99	00	0	107	70	0	0	9	0	0	53	65	—	—	9.3	—	12.4	11
	D. I. Khan	000	0	0	00	00	97	00	0	120	73	0	0	9	0	0	60	63	+ 1	+ 2	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	00	00	99	00	0	128	76	0	0	9	0	0	46	68	—	—	4.9	—	5.2	5
Kalat	Nokkundi	000	0	0	05	02	99	02	0	121	65	0	0	9	0	0	43	68	—	—	0	—	1.1	2
	Turbat	000	0	0	13	02	96	00	0	148	69	0	0	9	0	0	56	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	00	00	96	05	0	157	73	1	6	4	0	0	71	70	—	—	0.3	—	3.9	4
	Pasni	000	0	0	25	02	97	00	0	156	71	0	0	9	0	0	69	69	— 7	+ 2	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	05	95	03	0	151	79	0	0	9	0	0	75	72	—	—	2.1	+ 1.3	4.1	8
	Las Bela																							
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	09	94	10	0	147	80	0	0	9	0	0	77	78	0	+ 5	16.5	+10.4	16.3	8
	Karachi (Air Port)	000	0	0	00	00	97	02	0	152	74	0	0	9	0	0	65	67	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	142	79	0	0	9	0	0	73	74	+ 8	+ 6	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	137	88	0	0	9	0	0	69	82	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	18	02	98	00	0	138	73	0	0	9	0	0	63	xx	—	x	19.5	—	20.3	—
	Hyderabad	000	0	0	00	00	97	02	0	145	77	0	0	9	0	0	67	72	— 2	+ 2	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	0	18	05	97	02	0	138	78	0	0	9	0	0	57	66	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	00	00	98	02	0	146	76	0	0	9	0	0	62	68	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	20	03	96	00	0	130	74	0	0	9	0	0	61	72	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	xx	00	99	00	0	128	80	0	0	9	0	0	54	67	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	18	07	97	02	0	128	76	0	0	9	0	0	60	68	+ 2	+ 4	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							24
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu	000	0	0	00	00	98	00	0	115	40	0	0	9	0	0	23	30		—	—	—	—	6
	Misgar																							—
	Alibad																							—
	Gilgit																							5
Rawalpindi	Murree	000	0	0	07	05	98	00	0	509	60	0	0	9	0	0	19	50	— 1	— 1	52.5	+15.4	77.7	59
Peshawar	Drosh	000	0	6	00	00	98	02	0	545	77	0	0	9	0	8	32	56	+ 8	+ 4	1.5	—	30.7	18
	Cherat	000	0	0	36	05	98	00	0	518	64	0	0	9	0	0	56	64	+ 2	+ 7	20.9	+ 8.4	30.9	49
	Kakul	000	0	1	05	02	97	01	0	511	61	0	0	9	0	8	38	53	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	0	00	00	98	00	0	514	65	0	0	9	0	0	41	xx	—	—	3.8	—	18.9	—
	Parachinar	000	0	0	00	00	99	00	0	803	58	0	0	9		0	42	xx	—	—	14.1	—	28.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	496	62	0	0	9	0	0	37	54	—	—	4.0	— 0.8	7.0	13
	Wana																							
	Fort Sandeman	000	0	0	00	00	97	02	0	544	62	0	0	9	0	0	38	52	+ 4	+ 3	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	25	06	98	00	0	511	58	0	0	9	0	0	27	57	—	—	4.6	—	12.6	—
	Loralai	000	0	0	23	04	98	00	0	331	54	0	0	9	0	0	27	47	—	—	7.1	—	13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	000	0	0	00	00	96	04	0	553	45	0	0	9	0	0	26	38		—	4.7	+ 3.6	10.2	8
	Chaman	000	0	0	13	01	97	00	0	549	62	0	0	9	0	0	15	56	+ 5	+ 4	0.1	— 0.2	6.2	7
Kalat	Kalat	000	0	0	00	00	97	00	0	564	54	0	0	9	0	0	27	42	+ 4	+ 3	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	09	05	98	02	0	611	75	0	0	9	0	0	48	63	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	00	00	97	02	0	521	52	0	0	9	0	0	24	49	— 4	0	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	541	65	0	0	9	0	0	33	57	— 2	+ 3	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	36	00	99	00	0	593	55	0	0	9	0	0	25	35	—	—	—	—	—	12
	Kandahar																							—

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 25th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	Id_wd_wPH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Daressa	63 248	659 00	1 09 02	98 03 0	123 82	11 3 00	24 00 0			
Dwarka	63 250	637 00	3 28 05	98 03 0	126 81	31 7 00	65 40 0	...	0 00 75	1 27 21
Isamaru	63 206	635 00	2 18 04	98 05 0	130 77	21 5 00	66 61 0	...	0 52 70	1 34 21
Dalila	63 189	580 03	1 26 08	98 03 0	120 77	12 6 05	56 22 0	...	0 56 73	...
Woensdrecht	63 213	595 06	0 00 00	98 02 0	120 79	00 9 00	14 23 0	...	0 04 70	1 00 x0
Circassia	63 230	645 06	1 22 02	98 02 0	135 83	00 9 01				
Dalila	63 184	573 06	0 00 00	98 10 0	136 79	00 9 00	56 11 6	...	0 07 75	1 00 x0
Berenice	63 257	5[illegible]7 06	0 00 03	98 02 0	134 86	00 9 00	66 10 8	.	0 54 77	1 00 x0
Junon	63 271	518 06	1 00 00	98 02 0	065 88	10 9 10	75 21 9	...	0 01 79	1 00 x0
Isamaru	63 215	620 06	2 16 07	98 02 0	170 81	21 5 40	66 22 0	...	0 00 72	1 35 21
Circassia	63 220	630 12	0 10 02	99 00 0	131 83	00 9 00		..		
Dwarka	63 250	622 12	0 10 05	98 02 0	130 82	00 9 00	55 40 0	..	0 16 75	1 09 21
Junon	63 279	505 12	1 00 00	99 01 0	045 88	00 9 08	75 61 0	..	0 03 73	1 00 x0
Dalila	63 172	561 12	1 18 05	98 01 1	110 82	10 5 80	56 40 0	...	0 06 75	1 00 x0
Asturia	63 159	533 12	3 22 04	98 02 0	131 82	32 4 00	55 61 1	..	0 02 72	1 72 x0
Woensdrecht	63 230	595 18	0 10 08	98 02 0	200 79	00 9 00	84 21 0	..	0 54 75	1 10 21
Circassia	63 210	616 18	0 23 02	98 00 0	087 80	00 9 00				
Dwarka	63 244	608 18	0 05 05	98 02 0	152 81	00 9 00	55 30 2	...	0 51 70	1 05 21
Daressa	63 235	674 18	0 00 00	98 02 0	148 84	00 9 00	34 11 0	..	0 00 xx	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	23 00	011 258 232	103 228 205	...	500 165 999	...	122 052 999	366 508 999	806 568 999	509 675 999	959 890	233 022	415 112	
Dacca														
Jiwani														
Karachi	00 00	011 212 118	110 235 192 Misda	...	500 192 062	..	159 110 999	432 060 999	892 552 999	606 668 999	969 845	242 025	423 138	665 230
Lahore	00 00			..		..		...	...		...	...	...	...
Multan														
Peshawar	23 00	970 295 125		...	480 182 072	.	128 078 618	384 008 695	819 588 999	510 702 999	958 848		..	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	23 00	900 182 145	..	...	...	...	...	..	...	...	900 182 145	...	..
Dacca													
Jiwani													
Karachi	00 00	975 265 158	900 232 115 Misda	800 122 022	770 105 505	745 112 605	.	...	...	...	745 112 605	...	...
Lahore	00 00				...		...		...	...	...	...	...
Multan													
Peshawar	23 00	900 212 092	800 138 045	350 778 999	270 892 999	..	...	..	...	..	270 892 999	...	..
Quetta													

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16; At 600 hrs. G.M.T. † of date (dd ff) — columns 17–27

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	28 09	28 08	29 10	28 17	28 15	26 15	25 21	26 38	26 34	31 03	29 04	30 07	27 05	26 07	26 09	07 02	07 01	...	...	...	...	...	..	...	..	...
Cherat	..	28 07	28 09	31 12	30 04	31 07	29 19	31 32	30 42	...		...														
Chhor	24 04	21 02	17 04	13 06	12 11	11 12	05 04	31 09	31 11	30 09	27 10	23 12	18 10	13 07	06 03	27 05	23 10	22 11	18 11	16 10	11 04	36 04	36 04	32 08	34 10	36 06
Chittagong	23 13	23 12	23 09	21 10	21 10	...	...	...	...	19 11	21 10	21 13	...	...	...	19 04	20 06	23 04	22 03	...	..	...	..		...	...
Cox's Bazar	24 04	24 06	21 06			...		...		19 09	21 03	27 06	23 07	23 12	25 23	19 04	20 06	23 04	22 03	...	...		...			
Dacca	31 10	30 09	30 09	24 1	26 17	25 22	26 13	...		34 05	33 05	31 07	28 05	25 05	26 15	03 05	01 04	01 06	31 07	29 08	25 16	25 29	29 23	28 29	27 39	27 33
Dalbandin	...	...	23 07	20 0	22 05	17 05	19 05	21 08	26 16	...	..	05 01	25 06	26 12	30 08	...	...	10 01	25 02	27 09	02 11	19 11	28 10	27 14	27 16	26 24
D. I. Khan	..	...	...							...	...	...				..	...	...	...							...
Drosh	...	...		...	22 17	01 23	18 09	17 13	21 25	...	...	...	23 01	23 03	22 07	...	.	...		02 10	36 12	xx xx	35 17	33 15	35 32	
Fort Sandeman			...	22 05	23 05	29 11	30 23	29 27	29 29		..		22 05	30 11	32 25			...	23 05	31 13	31 20	30 22	28 25	29 29	29 29	30 42
Jacobabad	22 10	22 12	23 13	22 12	27 06	36 03	36 03	30 09	29 15	22 35	22 29	22 29	24 17	29 07	35 13	22 09	23 16	23 20	25 06	36 07	06 08	17 84	20 08	31 11	31 14	27 16
Jessore	36 03	36 05	36 05	31 05	29 13	26 21				31 04	32 06	33 09	36 11		...	01 07	03 02	03 02	31 06	21 10	27 13	26 11	30 23	28 22	29 22	27 33
Jhelum	31 04	31 05	31 05	31 09	30 13	29 15	30 33	31 51	31 51	30 10	32 12	31 16	32 19	30 10	32 11	xx xx	xx xx	xx xx	28 14	28 13	30 15	30 13	...	...	.	...
Jiwani	No	Ascent	...	...	..				...	No	Ascent	...	...	...	...	No	Ascent		...	...		...	...	...		...
Karachi	17 11	16 11	13 10	11 12	80 14	13 1	14 08	11 15	34 05	33 14	27 17	27 05	26 03	21 03	11 08	29 05	25 07	26 08	29 03	36 08	15 07	13 07	07 08	06 06	24 04	...
Khanpur	27 08	25 09	24 08	22 08	22 06	31 0	29 11	29 19	31 23	27 14	27 14	26 15	25 13	24 08	31 09	27 15	25 28	25 25	26 17	28 15	36 08	25 10	32 12	29 19	...	...
Lahore	33 08	32 08	31 07	31 10	30 17	30 21	31 25	31 3	31 41	31 11	32 12	31 15	30 20	33 18		28 02	30 07	30 09	28 13	28 15	31 13	29 17	31 19	31 13	31 29	
Multan	19 05	23 07	23 07	26 10	25 13	28 09	31 21	30 18	29 25	31 11	24 12	28 12	23 10	27 07	32 13	34 04	27 06	27 07	28 09	30 11	28 15	30 18	30 24	30 25	31 36	30 30
Muscat	...	...			...	..	...	...	...	...	...		...	...		...	..	...	..		...	...	...	..	...	...
Panjgur	...	...								.	...		..	...		...	...	...	...		...	...	...			..
Peshawar	...	06 04	04 02	36 09	20 10	28 13	30 25	31 31	30 38	.	...	...	..	...	...	...		..	..		...					..
Quetta	...	...	...	...	29 09	24 05	29 11	28 14	28 21	..	...	...	.	30 06	32 09	.	..	...		33 05	34 11	32 04	34 21	34 28	36 49	
Sharjah				...			...	...	...		..		...						...					...	...	
Sylhet	13 12	13 08	23 07	25 11	25 15	..			...	09 12	08 06	01 02	25 04	26 06	26 15	17 04	18 03	20 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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	36 08	31 07	31 06	28 09	26 07	23 05	25 26	28 31	28 33	28 33	29 64	26 43	25 55	26 47	26 57		...	
Karachi	30 10	27 08	29 05	28 05	00 05	10 04	12 09	09 07	09 03	04 02	25 01	30 24	30 20	29 31	29 31	29 25	...	...
Peshawar	Misda	...	...			..	...		...	..	...			...			...	
Quetta																		

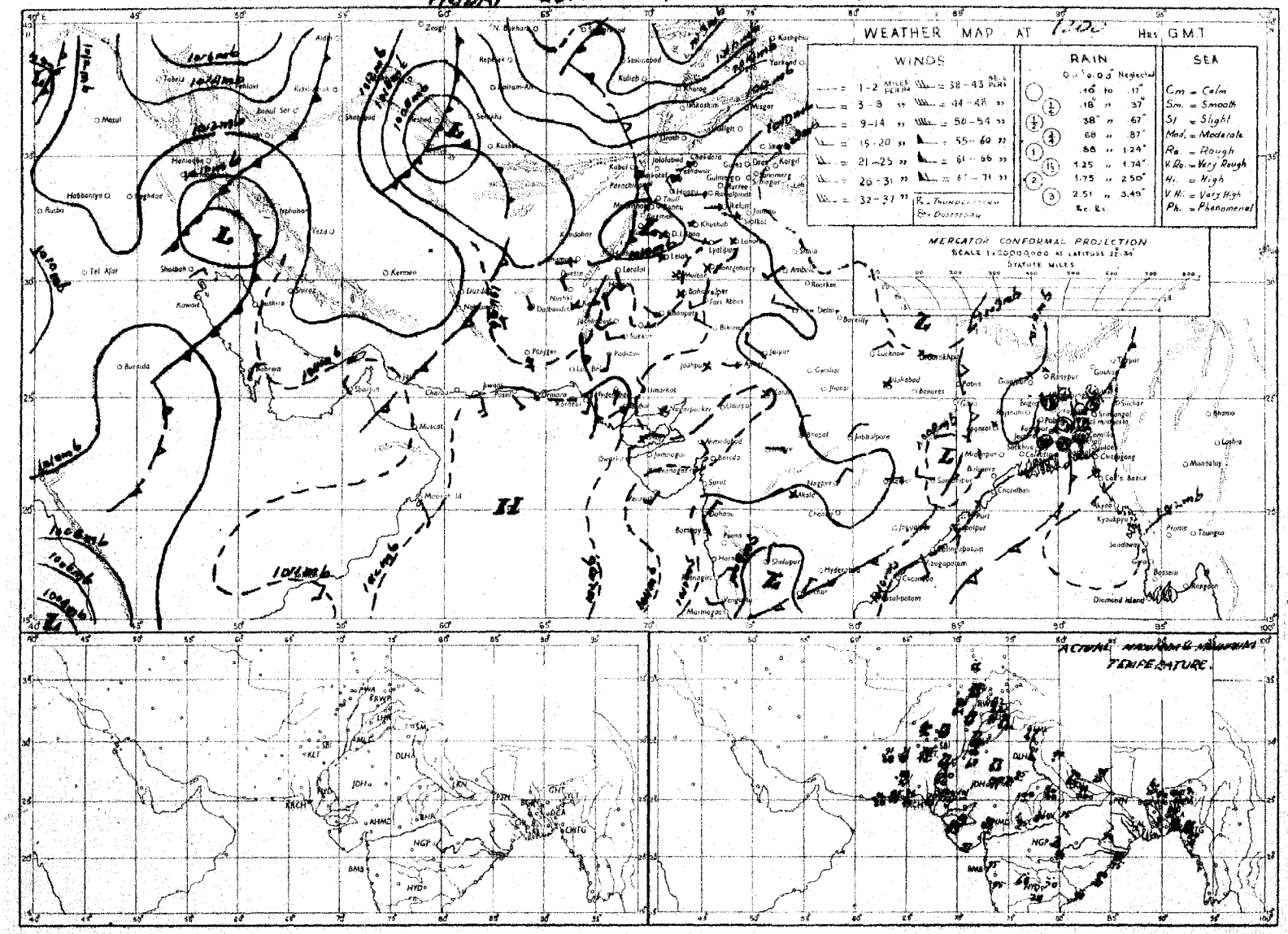
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd OCTOBER 1959



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

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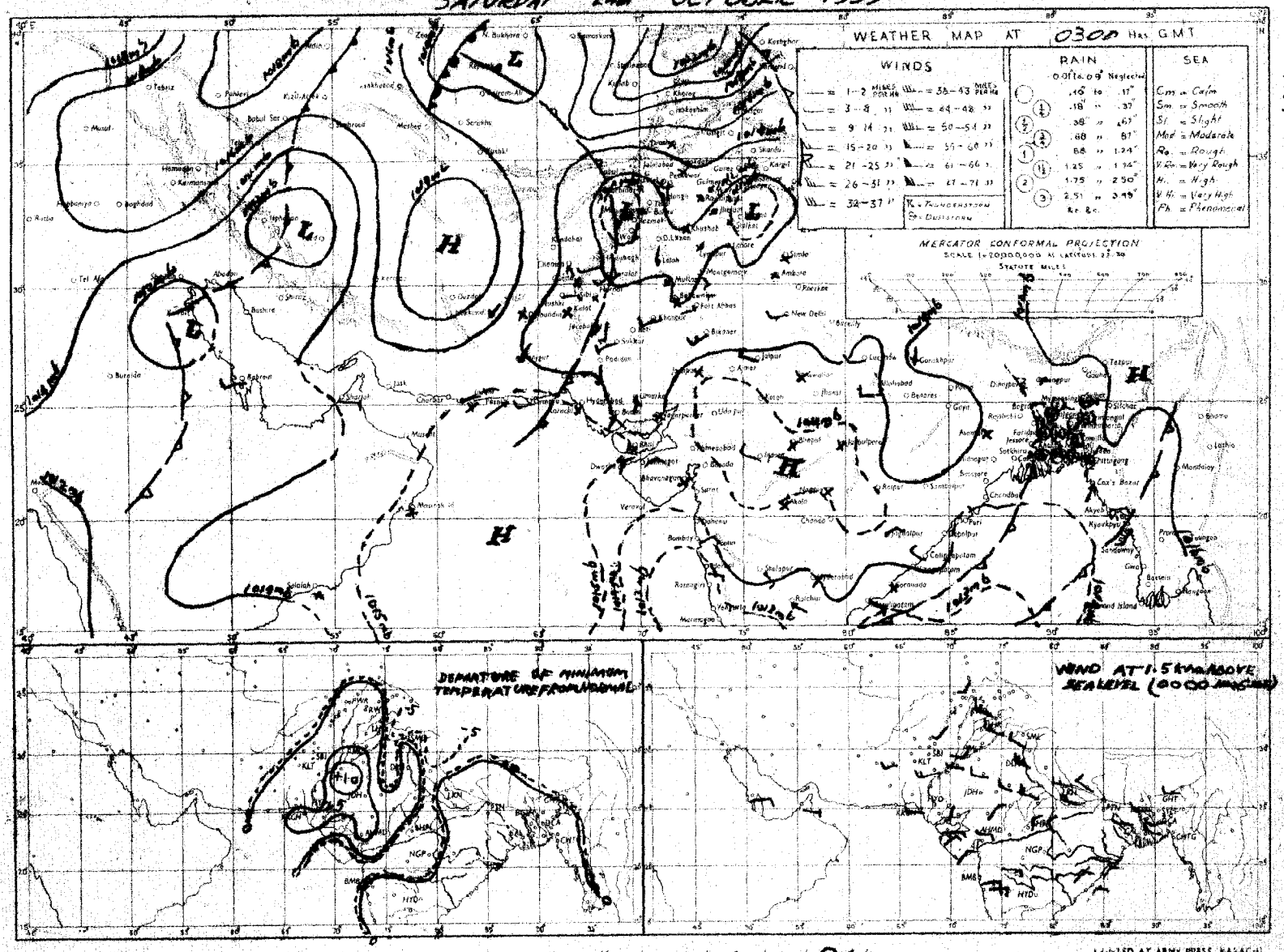
PAKISTAN DAILY WEATHER MAP

SATURDAY 24th OCTOBER 1954



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 25th OCTOBER, 1959.

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

Yesterday's low pressure wave over West Bengal is moving away across Assam and neighbourhood.
The western disturbance to the north of Iran is moving across East Russian Turkistan.
Other western disturbance over southwest Iran is moving across north Iran.
Weather remained dry over the country.
Day temperatures were;- 5—8°F above normal in Peshawer and D I. Khan divisions and 2—4°F south Kalat, Quetta, Multan and Bahawalpur divisions.
Forecast valid until the evening of 26th October, 1959. Scattered thunderstorm/showers may occur in East Pakistan, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 25th October, 1959.

OBSERVATIONS

K. U. SIDDIQI.
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 ff 7	Horizontal visibility † VV 8	Present weather † ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths)* PPP 11	Dry Bulb temperature °F TT 12	Amount of Lowest Cloud Nh 13	Low Cloud form † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud form † CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19
Chittagong	Cox's Bazar	000	0	2	20	02	95	01	0	120	82	1	0	9	5	4	75	89
	Chittagong	000	0	6	00	00	97	02	2	124	78	4	2	6	2	0	75	84
	Maijdee Court	000	9	9	00	00	xx	00	2	111	79	9	x	0	x	x	78	85
	Comilla	000	0	3	00	00	94	03	0	122	81	3	4	5	0	0	77	86
	Brahmanbaria	000	0	2	00	00	xx	01	0	128	81	2	0	9	2	0	75	85
	Sylhet	000	0	1	09	02	xx	01	1	125	76	1	1	6	0	0	71	84
	Srimangal	0.0	0	4	00	00	xx	03	0	121	76	4	3	6	0	0	74	81
Dacca	Mymensingh	000	0	0	00	00	98	00	0	125	82	0	0	9	0	0	72	84
	Narayanganj	000	0	1	00	00	xx	01	0	122	81	1	1	6	0	0	72	87
	Dacca (Tezgaon)	000	9	4	27	02	98	03	0	115	81	4	8	5	0	0	72	87
	Faridpur	000	9	0	00	00	97	00	0	111	78	0	0	9	0	0	74	85
	Barisal	000	0	0	00	00	97	02	0	119	84	0	0	9	0	0	75	86
Rajshahi	Khulna	000	0	0	00	00	xx	02	0	124	82	0	0	9	0	0	73	86
	Satkhira	000	0	0	00	00	98	00	0	122	81	0	0	9	0	0	75	87
	Jessore	000	0	2	09	01	97	01	1	115	79	2	4	6	0	0	72	87
	Sirajganj	000	0	0	00	00	93	00	0	105	80	0	0	9	0	0	79	86
	Bogra	000	0	0	00	00	xx	03	0	121	80	0	0	9	0	0	79	85
	Dinajpur	000	0	0	00	00	xx	00	0	117	82	0	0	9	0	0	73	87
	Rangpur	000	0	2	00	00	96	03	0	xxx	81	2	4	6	0	0	72	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	095	85	0	0	9	0	0	69	92
	Sialkot	000	0	0	00	00	97	00	0	089	83	0	0	9	0	0	64	90
Rawalpindi	Jhelum	000	0	2	00	00	96	03	0	086	88	2	0	9	3	0	63	93
	Rawalpindi	000	0	4	00	00	98	02	1	084	83	0	0	9	0	8	61	88
	Khushab	000	0	0	00	00	99	00	0	099	91	0	0	9	0	0	57	96
Multan	Lyallpur	000	0	0	00	00	96	00	0	083	89	0	0	9	0	0	61	95
	Montgomery	000	0	0	00	00	96	00	0	083	92	0	0	9	0	0	60	96
	Multan	000	0	0	00	00	98	02	0	086	94	0	0	9	0	0	59	98
Bahawalpur	Leiah	000	0	0	29	03	96	02	0	090	94	0	0	9	0	0	69	98
	Khanpur	000	0	0	00	00	97	00	0	095	91	0	0	9	0	0	66	97
	Bahawalpur	000	0	0	29	03	98	00	0	095	90	0	0	9	0	0	67	57
	Fort Abbas																	
Peshawar	Chakdara	000	0	3	23	02	98	01	1	083	81	3	0	8	7	0	62	85
	Peshawar	000	0	0	00	00	96	05	2	076	82	0	0	9	0	0	57	87
	Haripur	000	0	0	23	02	97	00	0	053	81	0	0	9	0	0	52	89
	Campbellpur	000	0	0	00	00	98	00	0	094	86	0	0	9	0	0	46	90
D. I. Khan	Bannu	000	4	2	09	01	99	01	0	069	88	0	0	9	0	3	53	91
	D. I. Khan	000	6	0	00	00	98	00	0	079	91	0	0	9	0	0	69	96
Quetta	Sibi	000	0	0	23	02	99	00	0	091	99	0	0	9	0	0	43	01
Kalat	Nokkundi	000	0	0	18	02	99	02	0	096	94	0	0	9	0	0	31	96
	Turbat	000	0	0	27	02	96	00	0	113	97	0	0	9	0	0	42	00
	Jiwani	000	0	0	23	07	97	02	0	134	83	0	0	9	0	0	71	89
	Pasni	000	0	0	25	09	97	00	0	121	88	0	0	9	0	0	64	85
	Ormara	000	0	0	20	10	98	00	0	111	92	0	0	9	0	0	58	93
	Las Bela	000	0	0	00	xx	98	00	0	114	98	0	0	9	0	0	58	03
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	12	98	02	0	124	85	0	0	9	0	0	78	87
	Karachi (Air Port)	000	0	0	23	07	97	00	0	115	87	0	0	9	0	0	69	95
	Badin	000	0	0	00	00	97	00	0	116	94	0	0	9	0	0	72	98
	Nagarparkar	000	0	0	00	00	98	00	0	107	96	0	0	9	0	0	69	98
	Umarkot	000	0	0	23	07	98	00	0	104	95	0	0	9	0	0	58	00
	Hyderabad	000	0	0	18	10	97	02	0	112	91	0	0	9	0	0	59	97
Khairpur	Pad-i-dan	000	0	0	18	07	97	02	0	091	94	0	0	9	0	0	63	98
	Nawabshah	000	0	0	18	07	98	02	0	109	92	0	0	9	0	0	51	96
	Sukkur	000	0	0	23	02	96	00	0	096	93	0	0	9	0	0	63	97
	Kashmore	000	0	0	13	12	99	00	0	094	94	0	0	9	0	0	51	96
	Jacobabad	000	0	0	18	07	97	02	0	095	95	0	0	9	0	0	62	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonemarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	093	53	0	0	9	0	0	24	63
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	7	25	02	97	02	1	509	61	0	0	9	0	8	48	67
Peshawar	Drosh	000	3	4	00	00	97	01	2	493	77	3	0	9	4	1	39	88
	Cherat	000	0	5	18	01	98	03	0	406	74	2	0	9	1	8	63	81
	Kakul	000	7	4	13	05	98	03	0	504	72	3	0	9	4	1	49	78
	Landi Kotal	000	0	6	00	00	98	03	0	500	60	0	0	9	0	8	37	88
	Parachinar	000	0	4	13	02	99	02	1	802	75	0	0	9	0	4	66	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	497	81	0	0	9	0	0	42	84
	Wana	000	0	0	23	05	99	00	0	486	85	0	0	9	0	0	xx	88
	Fort Sandeman	000	0	0	00	00	98	02	0	530	87	0	0	9	0	0	54	89
Quetta	Hindubagh	000	0	0	27	05	98	00	0	480	81	0	0	9	0	0	26	83
	Loralai	000	0	0	13	06	98	00	0	358	80	0	0	9	0	0	53	85
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	04	98	02	0	524	70	0	0	9	0	0	14	79
	Chaman	000	0	0	27	02	97	00	0	535	82	0	0	9	0	0	44	83
Kalat	Kalat	000	0	0	00	03	97	00	0	536	70	0	0	9	0	0	22	76
	Nushki	000	0	0	31	02	98	02	0	614	87	0	0	9	0	0	48	90
	Dalbandin	000	0	0	05	03	97	02	0	541	89	0	0	9	0	0	35	91
	Panjgur	000	0	0	23	03	98	00	0	535	86	0	0	9	0	0	39	86
Afghanistan	Kabul																	
	Kandahar																	

DIVISIONS 1	STATIONS 2	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	Departure from Normal of: Minimum Temperature TnTn 38	Rainfall: Since 1st June 1959 to date 39	Rainfall: Departure from normal 40	Rainfall: Since 1st January 1959 to date 41	Annual normal 42
Chittagong	Cox's Bazar	000	0	2	16	03	97	03	0	145	85	1	1	7	0	4	76	73	+ 2	0	120.6	+ 5.5	136.5	140
	Chittagong	...		...			...			...		...		...		...	...	...	— 2					108
	Maijdee Court	000	9	0	00	00	98	00	0	147	82	0	0	9	0	0	73	73	0	+ 2	105.0	+ 13.5	136.8	115
	Comilla	000	0	0	00	00	97	00	0	152	81	0	0	9	0	0	72	72	— 1	+ 1	76.0	+ 7.1	102.0	94
	Brahmanbaria	000	0	0	05	02	97	00	0	155	81	0	0	9	0	0	72	75	—	—	55.9	+ 1.9	81.9	76
	Sylhet																		—			—		—
	Srimangal	000	5	0	00	00	96	00	4	157	80	0	0	9	0	0	73	65	— 8	— 4	74.7	+ 9.9	66.7	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	164	80	0	0	9	0	0	74	71	— 2	— 1	90.4	+21.6	112.5	91
	Narayanganj	000	9	0	09	02	97	05	0	153	83	0	0	9	0	0	71	75	0	+ 1	80.3	+27.4	100.5	74
	Dacca (Tezgaon)	000	9	4	07	02	97	03	0	150	81	4	4	4	0	0	75	71	—	—	85.4	—	100.9	—
	Faridpur	000	9	2	05	02	97	03	0	141	72	2	5	7	0	0	76	71	— 1	— 1	86.1	+26.0	114.4	71
	Barisal	000	2	4	09	01	97	01	0	151	80	0	0	8	8	0	74	76	— 1	+ 3	118.4	+57.2	133.3	81
Rajshahi	Khulna	...		...	...		...	...	...			...	...	...	...		...	...	—	—				68
	Satkhira	000	0	0	00	00	97	00	0	153	92	0	0	9	0	0	75	82	—	—	61.0	+10.1	79.1	65
	Jessore	000	0	0	05	03	97	00	0	153	79	0	0	9	0	0	73	72	0	0	67.9	+20.3	103.9	65
	Sirajganj	000	0	0	00	00	95	00	0	147	74	0	0	9	0	0	73	xx	0	x	83.4	+34.0	108.2	64
	Bogra	000	0	1	00	00	96	01	1	159	80	1	6	4	0	0	74	72	— 1	+ 1	84.3	+29.3	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	160	82	0	0	9	0	0	73	70	+ 1	0	49.5	— 10.7	66.9	72
	Rangpur	000	0	2	09	02	96	03	0	xxx	79	1	5	6	1	0	73	71	— 1	+ 2	72.5	+ 5.6	93.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	139	73	0	0	9	0	1	65	64	— 1	+ 6	21.8	+ 7.1	25.6	19
	Sialkot	000	0	0	00	00	97	00	0	129	73	0	0	9	0	0	61	65	— 2	+ 4	52.6	+28.0	58.4	32
Rawalpindi	Jhelum	000	0	4	00	00	96	03	0	140	67	3	0	9	3	1	59	62	—	—	39.1	—	49.3	—
	Rawalpindi	000	0	5	27	02	97	02	2	152	64	0	0	9	0	8	55	58	— 1	+ 2	38.8	+15.2	51.8	36
	Khushab	000	0	0	00	00	99	00	0	135	73	0	0	9	0	0	59	65	+ 2	+ 3	16.2	+ 5.9	21.7	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	158	72	0	0	9	0	0	59	67	+ 2	+ 6	14.5	+ 5.2	17.3	12
	Montgomery	000	0	0	00	00	96	00	0	130	68	0	0	9	0	0	61	66	0	+ 3	6.1	— 1.5	8.4	10
	Multan	000	0	0	00	00	98	02	0	123	72	0	0	9	0	0	63	68	+ 4	+ 6	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	000	0	0	00	00	96	08	0	139	69	0	0	9	0	0	60	63			5.0	—	6.9	8
	Khanpur	000	0	0	25	03	96	02	0	124	72	0	0	9	0	0	60	66	+ 3	+ 7	0.5	— 4.4	1.3	6
	Bahawalpur	000	0	0	18	02	97	00	0	123	82	0	0	9	0	0	59	67	+ 3	+ 6	5.5	+ 1.2	6.5	6
	Fort Abbas	000	0	0	25	02	98	00	0	127	76	0	0	9	0	0	56	xx	—	—	8.9	—	9.2	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	155	59	0	0	9	0	0	48	55	—	—	11.0	—	26.5	—
	Peshawar	000	0	0	00	00	96	05	2	152	64	0	0	9	0	1	57	61	0	+ 1	9.7	+ 5.0	23.5	14
	Haripur	000	0	0	09	02	97	00	0	126	72	0	0	9	0	0	49	63	—	—	21.1	—	32.0	—
	Campbellpur		...	...	...	.						...	...	...	...	...	...	...	—	—				—
D. I. Khan	Bannu	000	2	8	00	0[illegible]	99	02	0	129	65	0	0	9	0	3	56	64	—	—	9.3	—	13.4	11
	D. I. Khan	000	2	1	05	02	98	01	1	132	73	0	0	9	0	1	62	64	+ 3	+ 3	10.5	+ 5.0	14.3	10
Quetta	Sibi	000	0	0	00	00	99	00	0	132	69	0	0	9	0	0	51	65	—	—	4.9	—	5.2	5
Kalat	Nokkundi	000	0	0	02	02	96	02	0	167	69	0	0	9	0	0	25	66	—	—	0	—	1.1	2
	Turbat	000	0	0	27	02	99	00	0	145	70	0	0	9	0	0	53	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	27	02	96	02	0	152	75	0	0	9	0	0	72	73	—	—	0.3	—	5.9	4
	Pasni	000	0	0	29	03	97	00	0	148	69	0	0	9	0	0	65	61	+ 3	+ 6	0.6	— 0.3	3.2	6
	Ormara	000	0	0	27	09	98	00	0	138	80	0	0	9	0	0	69	73	—	—	2.1	+ 1.3	4.1	6
	Las Bela	000	0	0	00	xx	98	00	0	148	72	0	0	9	0	0	48	61	—	—	6.6	—	6.8	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	31	14	97	02	0	140	78	0	0	9	0	0	69	75	— 1	+ 2	16.5	+10.4	16.5	8
	Karachi (Air Port)	000	0	0	27	05	96	02	0	138	80	0	0	9	0	0	69	69	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	154	77	0	0	9	0	0	73	74	+ 3	+ 6	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	146	87	0	0	9	0	0	69	xx	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	18	03	98	00	0	130	72	0	0	9	0	0	69	67	—	—	19.5	—	20.3	—
	Hyderabad	000	0	0	18	05	97	02	0	131	77	0	0	9	0	0	70	73	— 1	+ 3	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	120	71	0	0	9	0	0	64	64	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	03	97	02	0	129	73	0	0	9	0	0	68	68	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	00	00	96	00	0	125	72	0	0	9	0	0	66	70	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	xx	00	99	00	0	126	78	0	0	9	0	0	56	63	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	02	97	02	0	126	73	0	0	9	0	0	67	66	+ 2	+ 2	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonemarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	..	..	..	..	..	..	..	.	..	.	..	..	..	..	..	..	..						—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	5	27	02	97	02	1	535	54	0	0	9	0	4	38	50	+ 2	+ 1	52.5	+15.4	77.7	59
Peshawar	Drosh	000	1	6	00	00	97	03	2	542	58	0	0	9	0	9	31	57	+ 12	+ 5	1.5	—	30.7	18
	Cherat	000	0	3	36	00	98	03	0	529	81	0	0	9	1	8	56	xx	+ 5	x	20.9	+ 8.4	30.9	49
	Kakul	000	9	3	15	02	98	03	1	530	66	0	0	9	4	1	45	59	—	—	49.9	—	54.6	—
	Landi Kotal	000	0	4	00	00	98	03	0	523	65	0	0	9	0	4	46	xx	—	—	3.8	—	18.9	—
	Parachinar	000	0	4	00	00	99	00	0	803	56	0	0	9	1	0	42	xx	—	—	14.1	—	28.0	29
D. I. Khan	Miranshah	000	0	4	00	00	99	03	0	505	62	0	0	8	2	2	55	55	—	—	4.0	— 0.7	7.0	13
	Wana	000	2	2	20	02	99	00	2	518	56	4	0	9	2	0	31	47		—	5.4	—	14.1	—
	Fort Sandeman	000	0	0	00	00	97	03	0	533	60	4	0	9	0	4	49	55	+ 7	+ 6	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	29	06	98	02	0	509	61	0	0	9	0	1	37	60	—	—	4.6	—	12.6	—
	Loralai	000	0	0	31	06	98	00	0	340	58	0	0	9	0	0	34	51	—	—	7.1		13.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	14
	Quetta	000	0	0	00	00	96	00	0	546	57	0	0	9	0	0	36	38	—	—	4.7	+ 3.5	10.2	8
	Chaman	000	0	0	13	02	97	00	0	554	65	0	0	9	0	0	34	58	+ 4	+ 6	0.1	— 0.2	6.2	7
Kalat	Kalat	000	0	0	18	05	97	00	0	573	53	0	0	9	0	0	25	37	+ 2	— 2	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	09	05	98	02	0	612	77	0	0	9	0	0	53	63	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	00	00	97	02	0	526	53	0	0	9	0	0	19	49	+ 4	0	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	531	63	0	0	9	0	0	29	57	0	+ 3	2.5	—	4.1	4
Afghanistan	Kabul																							12
	Kandahar																							—

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 25th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ... W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$ Ch$_s$ h$_s$	O T$_s$ T$_s$ T$_d$ T$_d$	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	73 202	604 00	0 99 02	98 00 0	138 77	00 9 00		...	...	..
Taihomaru	73 201	636 00	3 04 10	98 03 0	122 79	21 4 11	76 40 0	...	0 05 73	—
Dalila	73 153	523 03	1 34 05	98 01 0	138 77	12 5 00	56 21 8	...	0 52 73	1 34 x0
Woensdrecht	73 247	518 00	0 09 09	98 02 0	125 81	00 9 00	84 23 5	...	0 56 73	1 49 31
City of Capetown	73 177	570 06	4 30 05	98 03 1	164 79	00 9 06	21 31 2	...	0 52 78	1 32 x1
Woensdrecht	73 253	574 12	0 00 00	97 02 0	140 84	00 9 00	74 81 5	...	0 00 73	1 00 x0
Taihomaru	73 220	610 12	1 00 00	98 02 0	130 82	10 9 10	76 70 5	...	0 02 72	..
Circassia	73 183	576 12	0 05 04	98 00 0	137 82	00 9 03		...		..
City of Capetown	73 185	582 12	0 04 05	97 00 0	138 81	00 9 00	74 81 5	...	0 00 73	1 00 x0
Celimene	73 159	528 12	0 00 00	98 02 0	138 84	00 9 00	15 70 9	...	0 00 72	1 00 x0
City of Capetown	73 195	593 12	0 00 00	97 02 0	155 78	00 9 00	15 40 0	..	0 51 78	1 xx 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
		PPPTTT$T_d$$T_d$$T_d$	HHHTTT $T_d$$T_d$$T_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 235 215	000 235 115	...	495 152 075	...	139 069 992	389 005 995	827 588 998	516 710 990	959 830	234 002	418 102	...
Jiwani ...														
Karachi ...	00 00	011 228 202	114 228 188	..	500 208 535	..	180 122 992	459 068 998	922 558 995	629 678 995	007 302	255 895	446 025	—
Lahore ...	00 00	Misda	..	..	..	..		...	...		...	...	...	—
Multan ...														
Peshawar ...														
Quetta ...	00 00	971 182 125	..	...	420 212 085		056 098 548	320 035 635	766 582 738	470 678 998	566 822	232 975	..	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_d$$T_d$$T_d$									PPPTTT $T_d$$T_d$$T_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 182 112	..	...	...	—	—	—	...	...	900 182 122	...	..
Jiwani ...													
Karachi ...	00 00	900 232 508	800 168 562	...	...	...	—	—	—	—	800 168 562	...	—
Lahore ...	00 00	Misda	..	..	...	.	...	...	...	—	Misda	...	—
Multan ...													
Peshawar ...													
Quetta ...	00 00	900 235 122	800 155 058	350 738 998	250 195 992	..	...	..	—	..	250 195 992	...	..

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

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

UPPER WIND DATA*

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	03 03	02 02	34 03	27 03	24 06	36 04	..	...	
Chaklala									
Chhor	24 14	23 15	23 14	20 15	18 15	19 04	30 05	32 11	25 12
Chittagong	29 02	19 04	19 05	21 03	22 03	27 07	26 15	26 24	26 28
Cox's Bazar	21 05	21 04	17 03	...	..	—	.	—	..
Dacca	10 01	15 02	12 02					...	...
Dalbandin	—	—	03 01	02 03	02 07	02 06	16 05	26 11	26 21
D. I. Khan	..	—	—			—	—	—	..
Drosh	—	.	—				..	—	
Fort Sandeman				26 04	28 13	29 15	29 24	30 26	30 32
Jacobabad	20 12	20 12	20 10	25 07	36 06	17 0	29 12	30 16	32 16
Jessore	09 06	03 06	09 06	06 08	33 06	30 11	25 21	30 22	33 19
Jhelum	20 02	25 04	26 05	28 06	29 08	30 15	29 19	30 27	31 43
Jiwani	No	Ascent						—	...3
Karachi	24 12	24 11	24 09	01 04	19 01	10 06	12 06	01 04	02 04
Khanpur	25 10	23 13	23 13	26 05	33 02	30 10	31 13	30 13	28 15
Lahore	06 03	07 04	16 03	24 08	27 12	30 10	30 24	31 25	32 36
Multan	19 07	19 08	20 07	26 07	31 11	31 23	29 25	31 30	31 23
Muscat	...	—	—	—	—	—	—	—	—
Panjgur	..							—	
Peshawar	...	06 07	12 05	23 10	30 19	29 26	29 12	29 20	29 22
Quetta	—	..	...	...	30 12	33 05	27 13	29 23	29 27
Shahjah									...
Sylhet	12 07	13 07	13 06	09 02	29 01	31 04	29 14	29 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	03 04	02 05	01 03	19 02	11 07	14 05
Chaklala						
Chhor	23 21	23 21	22 23	21 25	11 10	01 04
Chittagong	11 07	12 07	13 05	16 03	21 05	24 07
Cox's Bazar	19 09	21 03	27 06	23 07	23 12	25 23
Dacca	05 04	05 04	09 04	14 03	21 09	02 03
Dalbandin	—	—	04 04	01 06	03 08	36 07
D. I. Khan	—	—	—			
Drosh	—	—	—	23 04	22 09	23 05
Fort Sandeman				21 07	32 06	35 05
Jacobabad	20 08	21 06	33 02	33 07	35 15	36 05
Jessore	08 06	04 05	01 06	10 15	35 05	26 02
Jhelum	01 04	13 03	19 03	31 04	32 12	33 15
Jiwani	No	Ascent				
Karachi	28 17	28 21	27 19	31 13	03 08	10 06
Khanpur	24 31	24 27	23 22	25 15	24 12	
Lahore	11 10	10 06	02 02	35 05	29 09	33 18
Multan	24 31	24 30	25 15	25 07	22 10	32 04
Muscat	...	—		—	...	.
Panjgur	—	—	..	..	—	...
Peshawar	..	—	—	..		
Quetta	..	—	...	—	32 06	32 15
Shahjah						
Sylhet	09 12	08 06	01 02	25 04	26 06	26 15
Veraval	—	—	—			...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	05 03	05 05	02 05	09 01	15 05	...	...	—	...	..	...
Chaklala											
Chhor	23 15	22 18	22 13	23 17	19 05	33 01	36 11	36 07	35 07	33 08	..
Chittagong	20 03	22 03	19 04	20 07			—	..	—	—	...
Cox's Bazar	22 04	5 03	16 06	17 05	17 05	22 03	...	—	..	...	—
Dacca	04 05	03 04	05 03	15 01	18 08	18 05					
Dalbandin	—	—	05 07	03 12	04 12	01 14	26 15	26 16	27 15	24 29	28 23
D. I. Khan		—	—	...							
Drosh	...	..	—			03 05	01 14	36 19	31 07	...	—
Fort Sandeman				25 05	27 06	31 06	29 20	29 20	28 29		
Jacobabad	04 05	01 05	35 07	35 16	33 13	21 05	27 10	28 13	29 17	28 19	30 26
Jessore	06 04						—	—	—	—	...
Jhelum	13 03	13 08	13 08	21 02	33 06	30 10	...	—	...	..	...
Jiwani	No	Ascent									
Karachi	27 08	28 16	28 17	32 10	01 07	08 06	07 06	01 10	09 04	25 06	32 20
Khanpur	22 12	22 21	32 04	02 04	29 06	31 21	11 18	30 22	..	—	...
Lahore	13 06	12 08	11 04	02 06	29 19	32 13	30 17	30 29	...	..	...
Multan	29 04	25 06	25 05	21 05	18 06	24 08		—	..	—	—
Muscat	—	..	...			...	...	...	—	—	..
Panjgur	..						...	...	..	—	...
Peshawar	—	01 06	34 05	30 03	14 02	30 22					...
Quetta	—	..	...		30 07	xx xx	29 23	27 21	20 21	28 31	..
Shahjah							—		...	—	—
Sylhet	14 03	09 08	09 08	09 05	18 03	...	...	..	...	...	..
Veraval	—	..		...			...	—	...		...

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

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	15
Chittagong ...																		
Dacca ...	08 06	07 04	07 05	15 03	13 04	22 11	03 07	36 25	31 12	29 29	27 38	28 53	26 51	27 55	29 17	29 16	...	..
Karcahi ...	27# 14	28 05	29 06	29 15	34 11	05 06	05 09	36 09	12 07	30 07	7 06	28 13	29 13	29 13	...	...	...	...
Peshawar ...	Misda	...	...	..		..	...	—	...	...	...		...	...			...	
Quetta ...																		

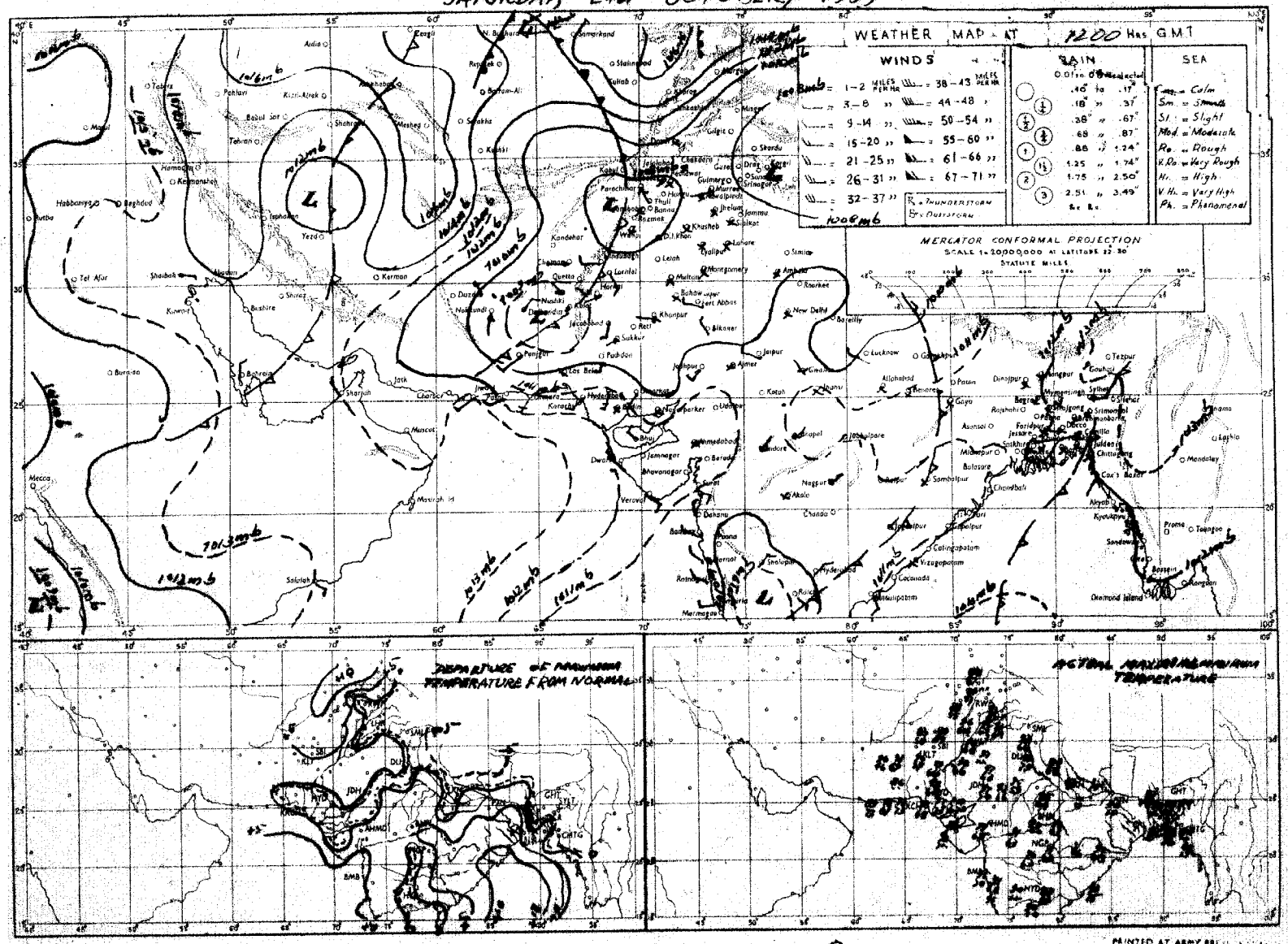
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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, 24th OCTOBER, 1959



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

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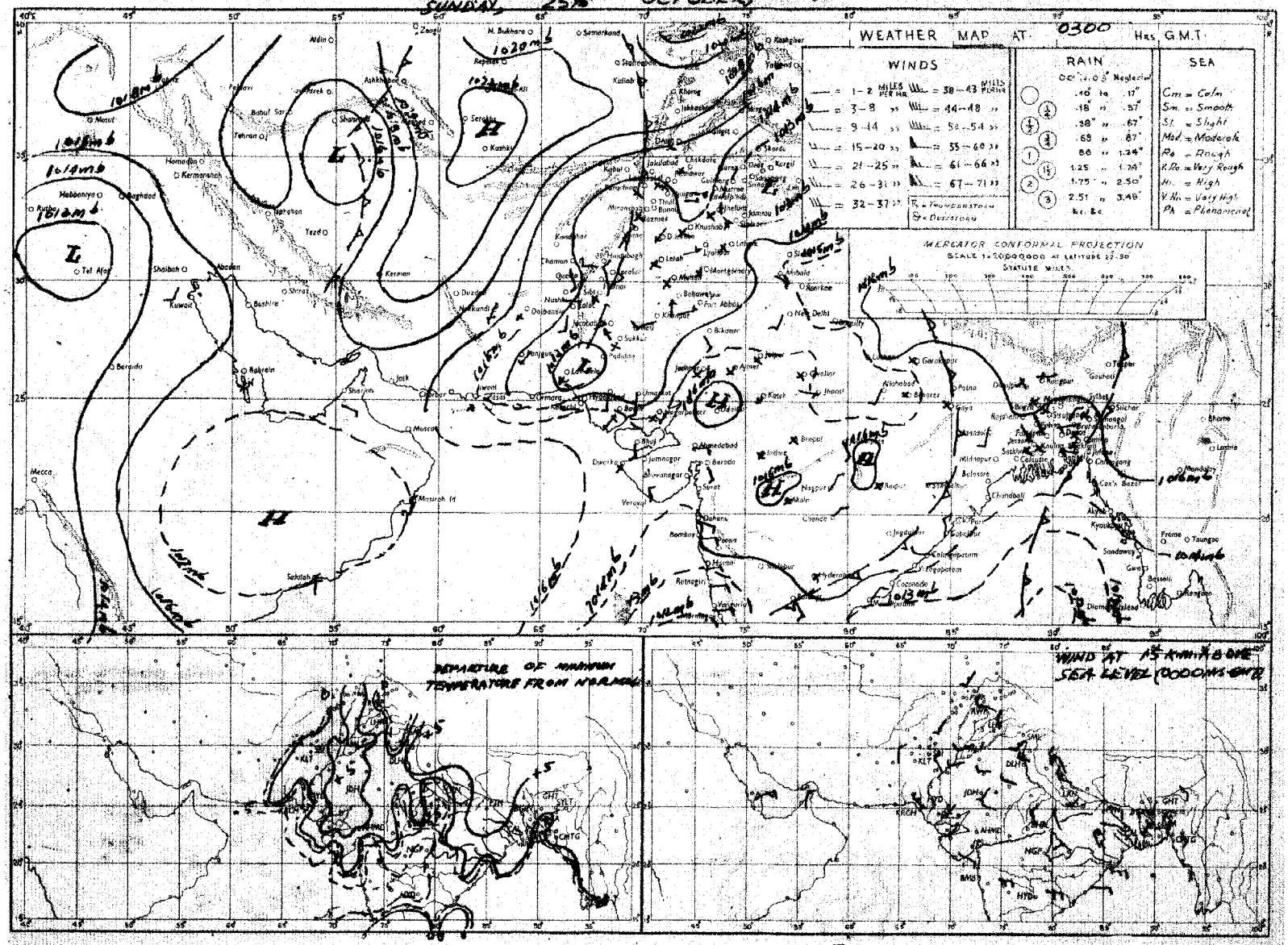
PAKISTAN DAILY WEATHER MAP

SUNDAY, 25th OCTOBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 26th OCTOBER, 1959.

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

Yesterday's low pressure wave over Assam has moved away eastwards.

A fresh low pressure wave is moving across Bihar.

The western disturbance over East Russian Turkistan has moved slightly eastwards and has induced a secondry over Lahore division and neighbourhood. Under its influence scattered thunderstorms have occurred in Peshawar division.

The other western disturbance over north Iran is now moving across north of Afghanistan with its associated trough extending to Quetta division.

Day temperatures were:- 4—6°F above normal in north Kalat and Quetta division 3—5°F below normal in Rawalpindi and Lahore divisions.

Forecast valid until the evening of 27th October, 1959. Scattered thunderstorms/showers will occur in D. I. Khan, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 26th October, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
		3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	1	25	93	95	01	0	109	82	1	1	7	0	0	72	89
	Chittagong	000	0	1	27	05	xx	01	1	088	80	1	1	8	0	0	73	88
	Maijdee Court	000	9	9	36	02	xx	00	0	099	82	9	1	0	1	1	72	86
	Comilla	000	0	0	00	00	94	00	0	110	82	0	0	9	0	0	73	92
	Brahmanberia	000	0	0	00	00	xx	00	0	110	81	0	0	9	0	0	74	85
	Sylhet	000	0	1	00	00	xx	02	0	109	78	1	1	6	0	0	71	85
	Srimangal	000	0	0	00	00	11	00	0	113	79	0	0	9	0	0	74	88
Dacca	Mymensingh	000	0	0	00	00	98	00	0	115	83	0	0	9	0	0	69	86
	Narayanganj	000	9	0	00	00	xx	05	0	106	81	0	0	9	0	0	72	87
	Dacca (Tejgaon)	000	9	1	00	00	98	01	1	107	80	1	5	5	0	0	71	86
	Faridpur	000	8	0	00	00	96	05	0	052	82	0	0	9	0	0	75	87
	Barisal	000	0	0	00	00	97	00	0	115	83	0	0	9	0	0	69	84
Rajshahi	Khulna	000	0	0	00	00	xx	02	0	115	82	0	0	9	0	0	72	86
	Satkhira	000	0	0	00	00	97	00	0	111	81	0	0	9	0	0	74	86
	Jessore	000	0	0	00	00	97	00	0	125	87	0	0	9	0	0	72	86
	Sirajganj	000	0	0	36	02	97	00	0	103	79	0	0	9	0	0	79	86
	Bogra	000	0	0	00	00	93	00	0	112	80	0	0	9	0	0	73	84
	Dinajpur	000	0	0	00	00	xx	02	0	115	81	0	0	9	0	0	72	87
	Rangpur	000	0	0	00	00	xx	00	0	116	80	1	5	6	0	0	72	84
Kashmir	Jammu	—																
Lahore	Lahore (Jail Rd.)	000	8	5	00	00	96	02	1	103	83	0	0	9	0	5	69	90
	Sialkot	000	0	3	00	00	97	02	0	101	83	0	0	9	0	6	64	87
Rawalpindi	Jhelum	000	8	6	00	00	96	02	1	103	83	4	0	9	3	2	65	88
	Rawalpindi	000	0	3	09	02	99	01	2	101	80	0	0	9	0	8	26	88
	Kharian	000	0	5	09	02	99	02	1	088	86	5	3	6	0	0	60	89
Multan	Lyallpur	000	0	6	25	02	96	02	0	091	89	6	0	9	5	0	52	93
	Montgomery	000	0	0	00	00	96	00	0	094	90	0	0	9	0	0	52	94
	Multan	000	0	0	00	00	98	02	0	084	86	0	0	9	0	0	60	93
Bahawalpur	Leiah	000	0	0	31	03	96	08	0	090	96	0	0	9	0	0	45	96
	Khanpur	000	0	0	00	00	96	02	0	085	92	0	0	9	0	0	74	96
	Bahawalpur	000	0	0	13	03	97	00	0	082	92	0	0	9	0	0	61	96
	Fort Abbas	000	0	0	20	02	98	00	0	081	92	0	0	8	3	0	69	98
Peshawar	Chakdara	000	0	0	23	02	98	00	0	108	81	0	0	9	0	0	52	83
	Peshawar	000	0	0	00	00	96	95	1	097	85	0	0	8	9	0	1	58
	Haripur	000	0	0	23	04	97	00	0	064	85	0	0	9	0	0	60	89
	Campbellpur	000	0	0	13	00	98	00	0	104	86	0	0	9	0	0	51	99
D. I. Khan	Bannu	000	0	5	00	00	99	02	1	083	83	0	0	9	0	8	63	88
	D. I. Khan	000	6	2	00	00	98	03	0	087	89	0	0	9	0	2	69	90
Quetta	Sibi	000	0	0	23	02	99	00	0	082	97	0	0	9	0	0	45	99
	Nokkundi	000	0	0	34	02	99	02	0	107	90	0	0	9	0	0	18	96
	Turbat	000	0	0	23	02	98	00	0	098	91	0	0	9	0	0	53	93
	Jiwani	000	0	0	09	12	97	02	0	114	83	0	0	9	0	0	73	93
Kalat	Pasni	000	0	0	25	17	97	00	0	101	87	0	0	9	0	8	75	88
	Ormara	000	0	0	27	12	98	00	0	095	88	0	0	9	0	0	58	91
	Las Bela	100	0	0	xx	xx	98	00	0	093	98	0	0	9	0	0	81	88
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	14	98	02	0	101	86	0	0	9	0	0	70	93
	Karachi (Air Port)	000	0	0	25	10	97	02	0	106	87	0	0	9	0	0	60	95
	Badin	000	0	0	25	02	98	00	0	098	92	0	0	9	0	0	67	98
	Nagarparkar	000	0	0	23	05	98	00	0	097	94	0	0	9	0	0	59	97
	Umarkot	000	0	0	23	05	98	00	0	093	94	0	0	9	0	0	53	99
	Hyderabad	000	0	0	20	03	97	02	0	088	97	0	0	9	0	0	42	00
Khairpur	Pad-i-dan	000	0	0	13	02	97	02	0	084	98	0	0	9	0	0	57	00
	Nawabshah	000	0	0	00	00	97	02	0	093	96	0	0	9	0	0	60	96
	Sukkur	000	0	0	31	02	96	00	0	084	92	0	0	9	0	0	52	95
	Kashmore	000	0	0	xx	00	99	00	0	083	95	0	0	9	0	0	61	99
	Jacobabad	000	0	0	18	05	97	02	0	083								
Junagadh-Afghanistan	Veraval	—																
	Jalalabad	—																
Arabia	Muscat	—																
	Kuwait	—																
	HILL STATIONS																	
Kashmir	Srinagar	—																
	Gulmarg	—																
	Sonamarg	—																
	Dras	—																
	Leh	—																
	Skardo	—																
	Miagar	—																
	Alabad	—																
	Gilgit	—																
Rawalpindi	Murree	000	9	2	00	00	98	01	1	516	57	0	0	9	8	0	46	62
Peshawar	Drosh	000	8	0	23	12	98	02	2	476	80	0	0	9	0	0	42	88
	Chitral	000	0	0	13	03	98	00	0	320	71	0	0	9	0	0	63	77
	Kakul	000	8	2	20	03	97	01	0	513	71	1	5	7	4	0	47	78
	Landi Kotal	000	0	0	02	03	98	00	0	495	75	0	0	9	0	0	47	81
	Parachinar	000	0	0	00	03	99	00	0	840	76	0	0	9	0	0	63	xx
D. I. Khan	Miranshah	000	0	6	00	00	99	03	0	507	80	4	2	7	2	0	43	83
Quetta	Wana	000	0	5	00	00	98	01	0	509	84	5	0	9	0	3	55	87
	Fort Sandeman	000	4	4	25	09	96	03	0	472	76	0	0	9	1	1	13	82
	Hindubagh	000	0	5	13	04	98	01	1	365	79	2	3	9	0	0	62	89
	Loralai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai	000	0	2	00	00	95	00	0	558	73	0	0	7	2	0	45	78
	Quetta	000	0	0	23	03	97	00	0	524	83	0	0	9	0	0	56	85
	Chaman	000	0	0	34	07	98	00	0	521	69	0	0	9	0	0	22	75
Kalat	Kalat	000	0	0	00	00	98	02	0	614	88	0	0	9	0	0	67	90
	Nushki	000	0	0	23	02	98	02	0	539	89	0	0	9	0	0	35	91
Afghanistan	Dalbandin	000	0	0	36	05	98	00	0	533	85	0	0	9	0	0	12	86
	Panjgur	—																
	Kabul	—																
	Kandahar	—																

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	000	0	1	11	03	97	01	0	124	85	0	0	9	0	0	75	73	+ 2	+ 2	120.6	+ 5.3	136.5	140
Chittagong	000	0	0	07	02	97	00	0	132	83	0	0	9	0	0	74	72	+ 2	+ 1	96.9	+13.6	128.9	108
Maijdee Court	000	0	0	00	00	97	00	0	131	82	0	0	9	0	0	73	77	+ 1	+ 7	76.3	+ 6.9	102.0	115
Comilla	000	0	3	05	02	97	03	1	139	83	2	2	5	4	0	73	75	— 5	+ 5	76.0	+ 6.9	102.0	94
Brahmanberia	000	0	3	05	02	97	03	1	139	83	2	2	5	4	0	73	75	—	—	55.9	+ 1.7	81.9	76
Sylhet	000	0	0	09	45	97	01	0	135	79	1	4	6	7	0	72	69	—	—	151.9	—	189.8	—
Srimangal	000	0	0	00	00	96	03	0	136	79	0	0	8	6	0	73	68	— 1	+ 1	74.7	+ 9.6	106.7	98
Mymensingh	000	0	0	13	02	98	00	0	101	80	0	0	9	6	0	71	72	— 0	+ 2	90.4	+21.4	112.5	91
Narayanganj	000	9	3	00	00	97	03	0	122	84	1	1	5	3	0	75	75	— 0	+ 3	80.3	+27.3	100.5	74
Dacca (Tejgaon)	000	3	3	15	02	98	01	1	127	81	2	5	4	4	0	75	70	—	—	85.4	—	100.9	—
Faridpur	000	9	4	02	02	97	03	0	133	82	2	5	7	1	0	73	72	+ 1	+ 1	86.1	+34.9	114.4	71
Barisal	000	0	6	05	02	97	02	2	129	82	2	1	8	3	6	75	76	— 1	+ 5	118.4	+57.0	133.3	81
Khulna	000	0	6	00	00	96	03	0	136	81	4	4	6	3	0	71	75	—	+ 5	77.6	+25.1	98.5	68
Satkhira	000	0	5	00	00	97	02	2	137	83	4	3	8	6	0	75	77	—	+ 9	61.0	+10.8	79.1	65
Jessore	000	0	6	09	03	97	03	1	120	79	3	5	6	6	0	75	73	— 1	+ 3	67.9	+20.1	103.9	65
Sirajganj	000	0	0	00	00	98	00	0	128	83	0	0	9	0	0	82	71	0	+ 2	83.4	+33.9	108.2	64
Bogra	000	0	0	05	02	96	02	4	135	80	0	0	9	0	0	72	72	— 2	+ 3	84.3	+29.2	104.4	67
Dinajpur	000	0	0	00	00	96	00	0	138	74	0	0	9	0	0	68	69	+ 1	+ 2	49.5	- 10.8	66.9	72
Rangpur	000	0	1	46	02	96	01	0	xxx	77	1	0	9	1	0	71	70	— 2	+ 3	72.5	+ 5.4	92.4	84
Jammu	—																						—
Lahore (Jail Rd.)	000	0	0	13	03	96	02	0	135	71	0	0	9	0	0	65	67	— 4	+ 14	21.8	+ 7.1	25.6	19
Sialkot	000	0	0	00	00	97	00	0	112	74	0	0	9	0	0	63	67	— 5	+ 11	52.6	+28.8	58.4	32
Jhelum	000	0	0	00	00	95	05	0	115	67	0	0	9	0	0	62	63	—	—	39.1	—	49.3	—
Rawalpindi	000	0	1	05	02	97	01	1	125	65	1	0	9	5	0	60	64	— 1	+ 10	38.8	+14.8	51.8	36
Kharian	000	0	0	00	00	99	00	0	107	73	0	0	9	0	0	59	67	— 5	+ 9	16.2	+ 5.5	21.7	15
Lyallpur	000	0	0	05	02	95	03	0	098	69	0	0	9	0	0	63	66	+ 3	+ 10	14.5	+ 5.2	17.3	12
Montgomery	000	0	0	00	00	96	00	0	099	68	0	0	9	0	0	58	66	— 2	+ 9	6.1	— 1.5	8.4	10
Multan	000	0	0	00	00	98	02	0	097	69	0	0	9	0	0	63	67	— 1	+ 10	5.9	+ 0.9	8.0	7
Leiah	000	0	0	00	00	98	00	0	107	69	0	0	9	0	1	59	64	—	—	5.[illegible]	—	6.9	8
Khanpur	000	0	0	00	00	96	03	0	094	69	0	0	9	0	1	61	65	+ 1	+ 8	0	— 4.3	1.3	6
Bahawalpur	000	0	0	00	00	97	00	0	100	75	0	0	9	0	1	57	62	+ 2	+ 6	5.5	+ 1.2	6.5	6
Fort Abbas	000	0	0	00	00	98	00	0	094	77	0	0	9	0	0	69	68	—	—	8.9	—	9.2	4
Chakdara	000	0	0	06	00	97	03	0	106	57	0	0	8	6	0	52	55	—	—	11.0	—	26.5	—
Peshawar	000	0	0	10	00	96	05	0	114	66	0	0	9	0	0	57	63	— 2	+ 8	9.6	+ 5.0	22.3	14
Haripur	000	0	0	23	04	97	03	1	095	71	4	0	9	7	0	54	62	—	—	21.[illegible]	—	33.0	—
Campbellpur	000	0	0	00	13	98	00	0	103	70	0	0	9	0	0	58	60	—	—	22.0	—	35.9	—
Bannu	000	0	0	36	01	99	00	0	122	68	0	0	9	0	0	59	65	—	—	9.3	—	12.4	11
D. I. Khan	000	0	0	05	02	92	00	0	110	72	0	0	9	0	0	63	67	— 3	+ 12	10.5	+ 5.0	14.3	10
Sibi	000	0	0	00	0	99	03	1	089	67	0	0	9	3	0	40	66	—	—	4.9	—	5.2	5
Nokkundi	000	0	0	31	02	99	02	0	136	72	0	0	9	0	0	34	71	—	—	0	—	1.1	2
Turbat	000	0	0	23	02	99	00	0	098	70	0	0	9	0	0	54	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	0	23	02	96	02	0	097	74	0	0	9	0	0	71	78	—	—	0.3	—	5.9	4
Pasni	000	0	0	29	01	97	00	0	099	71	0	0	9	0	0	68	68	+ 1	+ 3	0.6	— 0.3	3.3	6
Ormara	000	0	3	27	00	98	01	1	099	79	3	4	7	0	0	73	74	—	—	2.1	+ 1.3	4.1	6
Las Bela	000	0	0	00	xx	98	00	0	086	79	0	0	9	0	0	57	65	—	—	6.6	—	6.8	9
Karachi (Manora)	000	0	5	25	12	97	03	2	096	79	5	6	4	0	0	74	76	+ 1	+ 7	16.5	+10.4	16.5	8
Karachi (Air Port)	000	0	4	27	03	96	02	1	101	80	4	6	4	0	0	73	66	—	—	22.6	—	22.9	—
Badin	000	0	0	23	02	96	00	0	145	87	0	0	9	0	0	75	73	0	—	11.1	+ 4.0	11.2	9
Nagarparkar	000	0	0	00	00	98	00	0	006	87	0	0	9	0	0	75	79	—	—	30.5	—	30.5	—
Umarkot	000	0	0	20	03	98	00	0	093	73	0	0	9	0	0	69	68	—	—	19.5	—	20.3	—
Hyderabad	000	0	0	20	07	97	02	0	984	77	0	0	9	0	0	71	73	+ 1	+ 7	14.6	+ 0.4	15.4	7
Pad-i-dan	000	0	1	13	03	97	01	0	088	69	0	0	9	0	1	64	62	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	00	00	97	02	0	093	73	0	0	9	0	0	70	67	—	—	6.4	—	7.1	—
Sukkur	000	0	0	00	00	96	03	0	087	71	0	0	9	0	0	63	69	—	—	3.5	—	4.6	4
Kashmore	000	0	4	3	00	99	00	0	093	74	0	0	9	0	0	60	61	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	xx	00	97	02	0	088	71	1	0	9	3	1	60	66	+ 1	+ 7	3.8	+ 1.5	4.5	4
Veraval	—																						4
Jalalabad	—																						—
Muscat	—																						26
Kuwait	—																						—
HILL STATIONS																							71
Srinagar	—																						26
Gulmarg	—																						3
Sonamarg	—																						6
Dras	—																						—
Leh	—																						—
Skardo	—																						5
Miagar	—																						7
Alabad	—																						59
Gilgit	—																						18
Murree	000	0	0	00	00	97	02	1	513	52	4	3	3	8	0	44	47	+ 3	—	52.5	+15.4	77.7	59
Drosh	000	0	0	00	00	97	02	0	504	58	0	0	9	0	0	39	57	+ 12	—	1.5	—	30.7	18
Chitral	000	0	0	00	00	97	02	0	520	62	0	0	9	0	0	58	61	+ 1	—	20.9	+ 8.3	30.9	29
Kakul	000	0	0	13	03	97	03	1	592	61	7	4	9	0	2	50	58	—	—	49.9	—	54.6	—
Landi Kotal	000	0	0	00	00	98	00	0	485	63	0	0	9	0	0	51	xx	—	—	3.8	—	18.9	—
Parachinar	000	0	0	00	00	99	00	0	800	56	0	0	9	0	0	48	xx	—	—	14.1	—	28.0	29
Miranshah	000	0	0	00	00	97	02	0	505	61	0	0	9	0	0	46	55	+ 5	+ 5	4.0	— 0.8	7.0	13
Wana	000	0	0	00	00	98	00	0	484	61	0	0	9	0	0	42	60	—	—	1.0	—	14.1	—
Fort Sandeman	000	0	0	00	01	97	02	0	380	57	0	0	9	0	0	52	51	—	—	7.1	—	13.0	—
Hindubagh	000	0	0	00	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 0.8	12.7	34
Loralai	000	0	0	00	00	94	00	0	513	59	0	0	9	0	0	37	45	—	—	4.7	+ 3.6	10.2	8
Harnai	000	0	0	09	01	97	00	0	595	59	0	0	9	0	0	29	57	+ 6	+ 8	0.1	— 0.2	6.2	7
Quetta	000	0	1	16	03	98	03	0	572	53	0	0	9	0	1	25	38	+ 1	+ 3	6.3	+ 5.0	11.0	9
Chaman	000	0	2	09	05	98	02	0	595	69	0	0	9	0	2	57	63	—	—	1.1	—	2.9	—
Kalat	000	0	3	23	02	98	03	0	602	59	1	0	9	3	0	31	54	+ 4	+ 6	0.2	— 0.1	2.2	5
Nushki	000	0	0	05	02	98	00	0	528	60	0	0	9	0	0	23	54	0	+ 1	2.5	—	4.1	4
Dalbandin	—																						12
Panjgur	—																						—
Kabul	—																						
Kandahar	—																						

Given in Cents.

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

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

RRR at 0300 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 26th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hb C_mC_m$	D,V. a PP	8 N, Ch, h,	O T, T_a T_d T_s	id_ed_e PH,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhasan	13 197	597 00	0 01 02	97 80 0	121 83	80 9 00	74 40 0		0 00 79	1 36 22
Junan	13 278	507 06	1 22 05	98 02 0	121 84	00 9 08	35 122 4		0 02 79	1 23 21
City of Capetown	13 213	621 06	0 30 05	98 02 0	148 81	00 9 00	16 40 8		0 01 80	1 20 21
Alhasan	13 216	686 12	0 35 01	97 60 8	113 84	00 9 00	74 40 0		0 00 78	1 35 22
Trevelyan	13 182	565 12	1 03 09	99 02 0	141 80	11 6 18	14 61 8		0 00 74	1 03 21
Junan	13 270	520 12	0 31 08	99 02 0	090 88	00 9 00	35 71 5		0 01 29	1 31 21
Trevelyan	13 190	582 18	0 00 00	99 02 0	123 79	00 9 00	14 11 0		0 53 75	1 00 21
Salamat	13 251	560 18	0 24 09	98 02 0	132 84	00 9 00	36 80 1		0 01 75	1 24 70

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_s$T$_d$	1000 mb HHHTTT T$_d$T$_d$T$_s$	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	012 235 208	000 052 022	...	990 025 738	...	...	..	..	..	...	..	...
Kurachi														
Kurachi		00 00	006 255 225	078 252 218	...	490 212 612	..	153 128 998	446 068 995	913 502 918	635 610 990	975 790	225 958	443 062	...
Lahore		00 00													
Multan														
Peshawar														
Quetta		00 00	968 178 162	..	...	450 195 165	..	116 072 072	373 018 578	813 502 538	494 730 990	955 855	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	900 188 098	800 125 038	...	...	...	...	...	...	...	800 125 038	...	..
Kurachi													
Kurachi	00 00	900 222 155	..		...	...		...	...	...	900 222 155	...	...
Lahore	00 00	—	..	..	...		...		...	...	..	...	..
Multan													
Peshawar													
Quetta	00 00	900 208 192	800 162 142	350 772 995	250 928 998	..	...	..	..	..	250 928 998	..	..

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	A 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	10
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	06 04	06 03	06 03	05 03	29 11	24 03	21 10	20 13	24 13	06 02	06 02	04 03	33 03	26 07	25 11	15 01	14 02	12 04	05 03	27 06	23 10	...	..	...	..	..
Chaklala																										
Cidner	22 10	21 09	24 09	25 06	24 04	32 04	01 10	34 06	31 10	23 23	23 20	22 18				22 11	21 17	21 17	26 08	01 09	03 06	12 15	12 19	01 22	12 25	
Chittagong	28 04	26 01	19 02	17 06	14 08	15 07	16 10	11 12	09 13	07 06	07 06	15 08	17 06	16 04	18 05											
Cox's Bazar	29 04	16 02	11 03							13 03	14 06	15 06	21 03	20 07	16 08	17 08	15 06	18 07	16 07	17 09	16 14	26 18	28 13			
Dacca	05 03	06 03	06 02	21 03	23 06	22 13	17 09	20 09	23 12	07 06	07 05	08 03	32 02	23 03	21 23	04 03	07 03	07 04	11 05	12 07	22 06	24 23				
Dalbandin	...	—	12 01	08 03	01 08	32 13	28 21	28 20	27 20	—	—	23 03	33 15	35 15	36 21	—	—	27 02	33 09	33 15	33 20	33 22	33 25	33 32	30 30	29 58
D. I. Khan	—	—	—							—	—	—				—	—									
Drosh	—	—	—		21 21	22 21	29 05	29 09	27 07	—	—	—	23 01	21 03	20 06	—	—			23 05	21 09	21 01	39 07		
Fort Sandeman				29 01	36 01	31 07	30 27	30 40	29 44				21 03	31 13	32 16				20 02	01 05	36 09	29 18	31 23	32 27	31 32	21 0
Jacobabad	16 03	27 01	33 03	25 12	34 15	29 12	30 17	29 20	..	15 10	16 05	20 04	28 07	33 13	33 13	14 02	22 03	22 04	33 10	34 12	33 06	34 15	32 25	30 19	30 33	30 51
Jacobabad	12 01	11 03	10 05	09 05	23 04	23 06	17 08			05 15	09 07	09 06	07 03	06 03	21 12											
Jacobabad	14 05	12 05	12 04	03 03	33 0	28 18	29 12	29 25	...	05 03	12 09	13 11	08 05	02 08	27 10	12 07	12 10	13 13	13 10	11 04	28 08	27 14	27 23	28 22	28 26
Jiwani	No	Ascent								No	Ascent					No	Ascent									
Karachi	27 12	27 16	27 17	29 09	03 07	03 09	35 03	36 07	35 08	27 15	27 12	31 05				27 08	30 10	33 14	35 17	33 12	36 02					
Khanpur	27 03	23 03	21 05	30 04	27 06	29 14	31 19	30 25	...	22 23	19 06	26 07	27 08	29 10	31 10	26 04	23 04	23 05	26 05	30 05	25 03	31 11	31 25	30 25		
Lahore	08 02	09 04	09 05	20 01	29 08	30 15	30 39	29 37	...	14 15	11 15	10 09	27 05	25 12	28 17	12 06	14 15	14 17	14 11	18 09	20 09	30 10	32 07	29 19	32 33	
Multan	21 04	24 05	28 06	25 04	27 07	27 10	29 19	29 29	30 32	31 06	32 05	31 08	28 06	31 13	30 08	35 03	33 06	29 06	29 07	27 03	25 07					
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—					—				
Panjgur	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—					—				
Peshawar	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	31 04	29 03	23 03	27 07	29 28	30 17	26 14	26 15		
Quetta	—	—	—	—	33 09	28 10	30 30	29 32	29 36	—	—	—	—	31 07	34 12	—	—			32 05	31 20	32 29	32 33	32 28	31 39	29 57
Sibi																										
Sylhet	12 01	11 03	10 05	09 05	23 04	23 06	17 08			10 12	09 05	14 04	14 05	17 05	26 16	11 08	09 06	11 06	16 07	17 08	23 06					
Tarbela																										

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. a.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
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Chittagong																		
Dacca	06 08	07 06	07 02	31 02	32 07	22 12	23 20	23 18	24 24	26 25	28 32	27 46	36 75	36 80	36 69	29 74	28 78	
Karachi	26 15	26 20	28 16	28 17	34 18	02 11	31 14	30 12	30 14	29 22	31 27	31 36	32 37	32 65	32 66	32 79	30 69	
Peshawar	Miss																	
Quetta																		

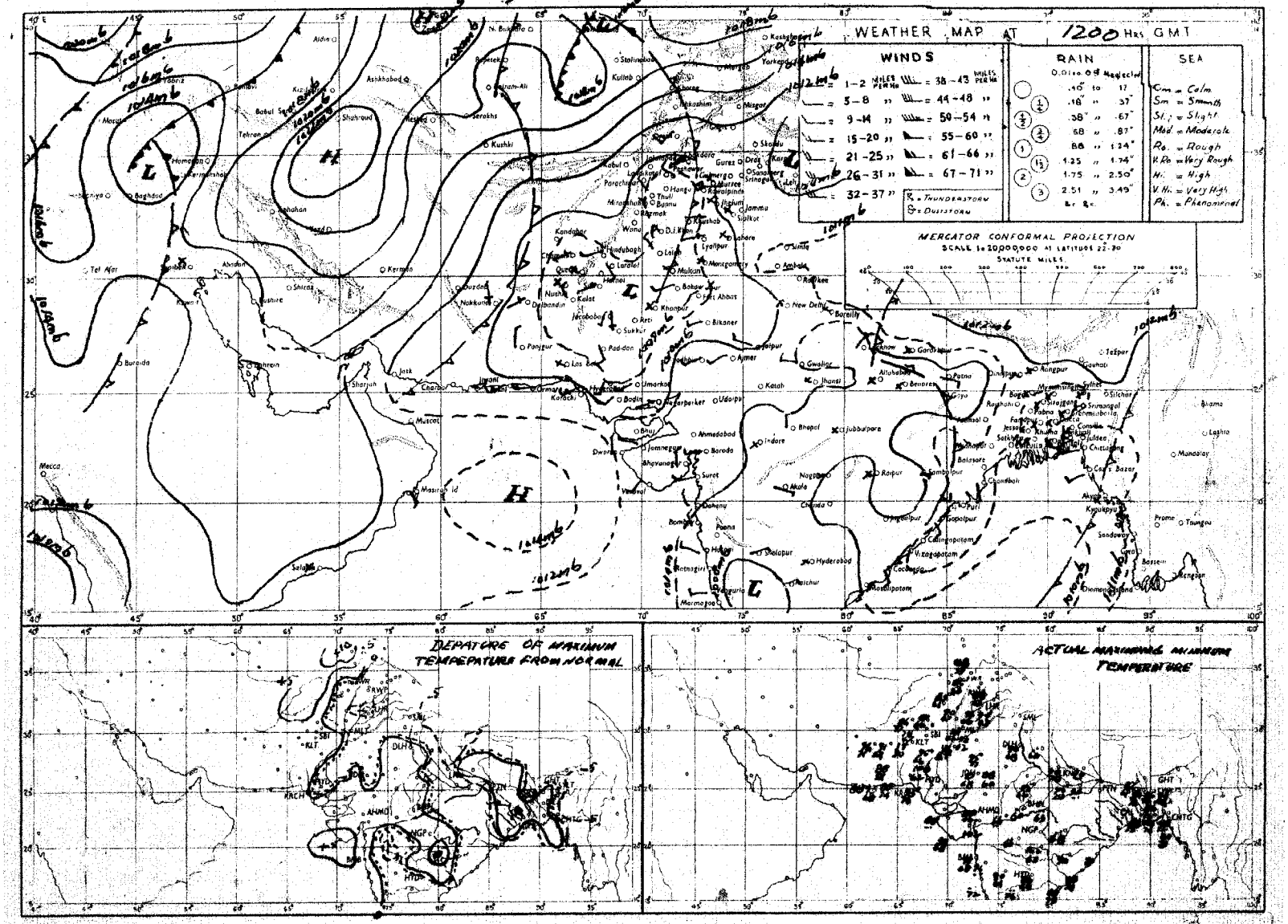
* The next two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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, 25th OCTOBER, 1959.

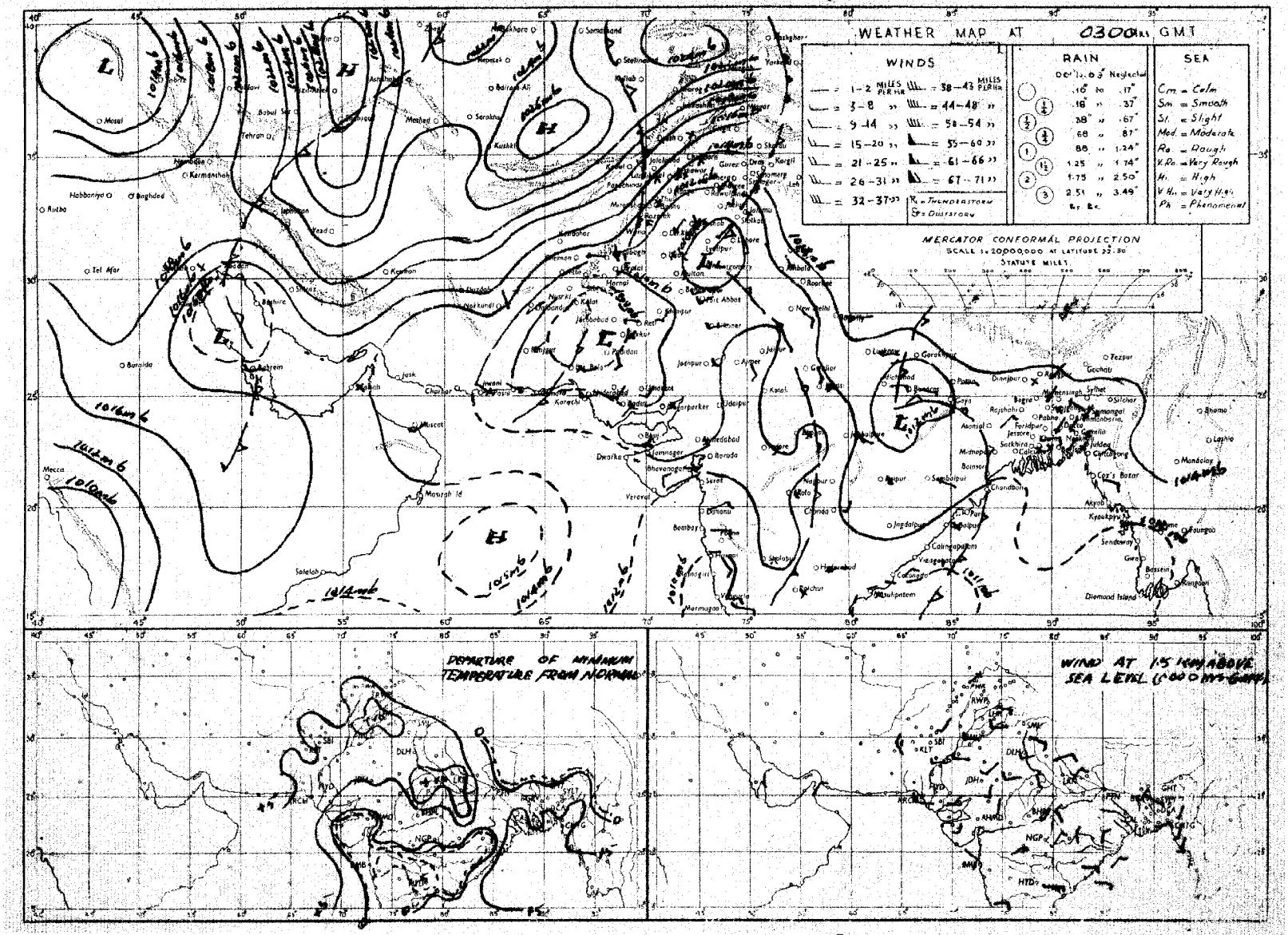


Rainfall amounts indicated in the above chart refer to past 9 hours.

PRINTED AT ARMY PRESS, KARACHI.

PAKISTAN DAILY WEATHER MAP

MONDAY, 26th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 27th OCTOBER, 1959.

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

Yesterday's secondary western disturbance over Lahore division is moving away eastwards across Punjab, India and neighbourhood.
The western disturbance north of Afghanistan has moved eastwards with its trough extending to D. I. Khan division and adjoining areas.
Thunderstorms/showers have been local in Rawalpindi division and scattered in Chittagong, Lahore and Peshawar divisions.
Chief amounts of rainfall are:- Jhelum ½" and Murree ¼".
Day temperatures were:- 3—6°F above normal in Bahawalpur, Khairpur, Quetta and Kalat divisions.
Forecast valid until the evening of 28th October, 1959. Scattered thunderstorms/showers will occur in Dacca, Chittagong, Peshawar and Rawalpindi divisions and Kashmir. Weather will be dry over the rest of the country.

Karachi-11
The 27th October, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	3	25	02	95	01	0	096	83	1	3	7	5	4	74	87
	Chittagong	000	1	1	25	02	96	01	0	097	81	1	2	8	0	.	71	88
	Maijdee Court	000	9	9	00	00	xx	00	0	081	83	0	0	9	0	0	77	87
	Comilla	000	0	5	00	00	94	03	0	097	83	5	4	5	0	0	76	88
	Brahmanbaria	000	0	5	00	00	xx	03	1	102	80	5	0	9	4	0	73	85
	Sylhet	000	9	4	00	00	xx	13	0	098	80	2	3	6	3	0	73	86
	Srimangal	000	4	4	00	00	xx	01	9	103	78	3	3	5	7	0	73	89
Dacca	Mymensingh	000	9	6	00	00	98	02	1	101	83	6	4	5	0	0	74	85
	Narayanganj	000	9	3	00	00	xx	01	0	098	82	3	0	9	3	0	73	87
	Dacca (Tejgaon)	000	9	6	00	00	98	02	2	093	80	2	5	6	4	0	71	85
	Faridpur	000	8	5	00	00	96	01	2	095	82	5	4	7	0	0	75	85
	Barisal	000	0	4	00	00	97	03	0	098	82	4	6	6	0	0	76	87
Rajshahi	Khulna	000	0	7	00	00	xx	01	2	101	77	5	4	6	3	0	69	85
	Satkhira	000	0	6	00	00	96	02	2	101	76	6	3	7	0	0	70	85
	Jessore	000	0	4	18	02	97	02	1	108	81	4	4	6	0	0	71	85
	Sirajganj	000	0	8	00	00	92	00	0	091	79	0	0	9	0	0	79	88
	Bogra	000	0	4	00	00	xx	03	0	089	81	2	5	6	0	0	72	85
	Dinajpur	000	0	0	00	00	xx	00	0	090	81	0	0	9	0	0	74	87
	Rangpur	000	0	2	00	00	96	01	1	xxx	80	1	5	6	1	0	73	85
Kashmir	Jammu																	
Lahore	Lahore (Intl Rd)	000	0	1	00	00	96	02	0	062	86	1	0	9	8	0	60	90
	Sialkot	000	4	5	23	02	96	02	1	055	84	2	4	6	3	0	63	86
Rawalpindi	Jhelum	000	5	6	13	05	96	03	1	066	83	1	1	7	7	0	58	87
	Rawalpindi	000	9	6	34	02	97	03	3	090	70	6	2	7	0	0	57	84
	Khushab	000	0	8	09	02	99	00	0	073	85	0	0	9	0	0	57	88
Multan	Lyallpur	000	0	0	13	02	96	00	0	056	85	0	0	9	0	0	51	89
	Montgomery	000	0	0	00	00	96	00	0	066	90	0	0	9	0	0	61	92
	Multan	000	0	0	00	00	98	02	0	052	91	0	0	9	0	0	61	92
Bahawalpur	Laiah	000	0	0	36	04	96	05	0	053	89	0	0	9	0	0	67	90
	Khanpur	000	0	0	36	02	96	02	0	059	92	0	0	9	0	0	70	95
	Bahawalpur	000	0	0	00	00	97	00	0	058	92	0	0	9	0	0	70	94
	Fort Abbas	000	0	0	23	02	98	00	0	058	90	0	0	9	0	0	70	96
Peshawar	Chakdara	000	0	6	03	03	97	01	1	040	78	6	0	8	7	0	56	83
	Peshawar	000	0	1	05	03	96	05	0	062	81	0	0	9	0	6	60	84
	Heripur	009	4	4	23	04	96	03	0	073	66	4	5	6	0	0	57	88
	Campbellpur	000	2	0	36	02	98	02	0	102	75	0	0	9	0	0	53	87
D. I. Khan	Bannu	000	4	1	02	01	99	01	0	090	83	1	0	9	2	0	60	86
	D. I. Khan	000	6	0	00	00	98	00	0	051	86	0	0	9	0	0	70	92
Quetta	Sibi	000	0	0	23	02	99	00	0	040	96	0	0	9	0	0	43	98
	Nokkundi	000	0	0	34	05	96	02	0	081	87	0	0	9	0	0	28	93
	Turbat	000	0	0	31	02	98	04	0	054	93	0	0	9	0	0	49	94
	Jiwani	000	0	0	23	09	97	02	0	066	90	0	0	9	0	0	67	99
Kalat	Panjgur	000	0	0	23	12	97	00	0	054	91	0	0	9	0	0	59	97
	Ormara	000	0	0	27	12	98	00	0	043	86	0	0	9	0	0	74	88
	Las Bela	100	0	0	00	00	98	00	0	078	96	0	0	9	0	0	66	92
Karachi Federal & Hyderabad	Karachi (Manora)	000	0	4	25	10	98	01	1	061	86	4	6	4	0	0	81	89
	Karachi (Air Port)	000	0	0	23	10	97	02	0	069	85	0	0	9	0	0	73	89
	Badin	000	0	0	18	02	97	00	0	064	89	0	0	9	0	0	68	92
	Nagarparkar	000	0	0	00	00	98	00	0	062	92	0	0	9	0	0	67	93
	Umarkot	000	0	0	23	07	98	00	0	053	91	0	0	9	0	0	63	95
	Hyderabad	000	0	0	18	09	96	06	0	056	89	0	0	9	0	0	70	96
Khairpur	Padidan	000	0	0	18	03	97	02	0	051	96	0	0	9	0	0	49	00
	Nawabshah	000	0	0	00	00	97	02	0	057	94	0	0	9	0	0	59	98
	Sukkur	000	9	0	18	02	96	00	0	047	98	0	0	9	0	0	58	98
	Kashmore	000	0	0	00	00	99	00	0	050	90	0	0	9	0	0	59	95
	Jacobabad	000	0	0	13	05	97	02	0	045	94	0	0	9	0	0	64	96
Junagadh-Afghanistan	Veraval																	
Arabia	Jalalabad																	
	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	012	6	8	11	03	95	61	9	507	45	8	9	2	x	x	41	56
Peshawar	Drosh	000	0	5	23	07	97	03	0	454	72	5	8	6	0	0	35	79
	Chorat	000	0	1	13	01	98	01	0	486	68	1	9	6	0	0	61	75
	Kakul	002	7	6	11	10	98	21	9	486	64	5	4	6	4	2	40	71
	Landi Kotal	000	0	1	00	00	98	01	0	474	74	0	3	7	0	0	52	74
D. I. Khan	Parachinar	000	0	2	13	02	99	02	0	799	68	0	0	9	0	2	57	xx
	Miranshah	000	0	0	00	00	99	00	0	462	76	0	0	9	0	0	50	80
	Wana	000	0	0	13	03	97	00	0	463	72	0	0	9	0	0	43	76
Quetta	Fort Sandeman	000	0	0	23	03	98	02	0	467	80	0	0	9	0	0	53	84
	Hindubagh	000	0	0	25	09	96	00	0	448	74	0	0	9	0	0	81	79
	Loralai	000	0	0	13	04	98	00	0	406	77	0	0	9	0	0	77	84
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	27	02	96	00	0	455	77	0	0	9	0	0	53	78
	Chaman	000	0	0	27	02	97	00	0	511	79	0	0	9	0	0	52	80
Kalat	Kalat	000	0	0	34	09	97	00	0	491	67	0	0	9	0	0	50	73
	Nushki	000	0	0	34	11	98	02	0	502	85	0	0	9	0	0	56	86
	Dalbandin	000	0	0	34	07	97	02	0	398	88	0	0	9	0	0	29	84
Afghanistan	Panjgur	000	0	0	36	08	98	00	0	536	83	0	0	9	0	0	29	84
	Kabul	000	0	0	32	09	99	00	0	538	65	0	0	9	0	0	45	67

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F	Minimum temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTn	TnTn				
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	000	0	5	16	03	97	03	1	102	85	0	0	9	0	6	76	75	+ 3	+ 4	120.6	+ 4.9	136.5	140
Chittagong	000	0	3	05	02	97	01	2	141	81	3	0	9	1	0	75	73	+ 3	+ 2	96.9	+13.9	126.9	108
Maijdee Court	003	9	2	00	00	98	03	0	134	82	0	0	9	0	2	76	75	+ 2	+ 3	105.0	+ 13.1	136.8	135
Comilla	000	0	0	05	02	97	00	0	134	84	0	0	9	0	0	74	76	+ 2	+ 6	76.0	+ 6.7	102.0	94
Brahmanbaria	000	0	3	09	05	97	03	0	142	80	1	1	6	3	0	70	72	—	—	5.6	+ 1.6	81.9	76
Sylhet	000	4	1	00	00	96	03	9	145	82	1	1	7	6	0	73	70	+ 1	+ 3	151.8	—	189.9	—
Dacca	000	0	6	13	02	97	02	1	149	78	6	4	5	0	0	72	74	0	+ 4	98.4	+21.3	112.5	91
Mymensingh	000	9	5	00	02	96	03	0	159	85	5	4	5	0	0	76	76	+ 1	+ 4	80.3	+27.2	100.5	74
Narayanganj	000	9	2	07	03	97	03	0	137	82	2	5	4	0	0	75	74	—	—	85.4	—	100.9	—
Dacca (Tejgaon)	000	9	1	09	02	97	03	6	144	80	1	5	7	0	0	75	74	+ 1	+ 3	86.2	+44.8	114.5	71
Faridpur	000	0	0	36	01	97	02	0	140	82	0	0	9	0	0	77	76	+ 2	+ 3	118.4	+55.8	133.3	81
Barisal	000	0	3	00	00	97	01	1	142	84	3	4	7	0	0	74	75	0	+ 3	77.6	+25.8	98.5	68
Khulna	000	0	0	00	00	98	00	0	138	83	0	0	9	0	0	74	73	— 2	+ 3	61.0	+ 9.7	79.1	65
Satkhira	000	0	0	05	05	97	01	0	136	80	2	0	9	6	0	76	73	— 1	+ 3	67.9	+17.6	103.9	65
Jessore	004	6	0	10	00	98	01	6	138	83	0	0	9	0	0	80	74	+ 3	+ 5	83.4	+33.9	108.2	64
Sirajganj	000	0	4	05	02	96	01	2	146	80	4	0	9	3	0	74	73	— 0	+ 4	84.3	+29.2	104.4	89
Bogra	000	0	0	00	00	96	00	0	145	81	0	0	9	0	0	71	70	+ 2	+ 3	49.5	-10.9	66.9	72
Dinajpur	000	0	3	09	05	96	03	0	xxx	78	1	5	6	1	0	72	70	0	+ 3	72.5	+ 5.3	93.4	84
Rangpur																							—
Jammu																							—
Lahore (Intl Rd)	000	7	2	05	09	96	07	1	134	68	2	0	9	4	0	59	66	0	+ 13	21.8	+ 7.1	25.6	19
Sialkot	012	0	3	13	07	98	03	0	142	68	2	0	6	2	0	58	63	— 2	+ 7	32.7	+28.9	58.5	42
Jhelum	045	9	7	00	00	98	03	9	144	66	2	2	7	0	0	55	61	—	—	39.5	—	49.8	—
Rawalpindi	009	9	7	00	00	97	02	9	153	63	5	6	7	7	0	58	62	— 1	+ 11	38.9	+14.9	51.9	34
Khushab	000	0	5	09	03	99	03	1	135	68	3	3	6	8	0	56	63	— 2	+ 5	16.2	+ 5.9	21.7	15
Lyallpur	000	0	0	07	05	96	00	0	127	69	0	0	9	0	0	55	66	+ 1	+ 10	14.5	+ 5.2	17.3	22
Montgomery	000	0	0	13	03	96	00	0	118	69	0	0	9	0	0	59	66	+ 1	+ 9	6.1	— 1.4	8.4	10
Multan	000	0	0	05	05	97	05	0	119	72	0	0	9	0	0	60	68	+ 2	+ 11	5.9	+ 0.9	8.0	7
Laiah	000	0	0	36	02	96	08	0	104	65	0	0	9	0	0	57	60	—	—	5.0	—	6.9	8
Khanpur	000	0	0	00	00	96	02	0	107	71	0	0	9	0	0	65	66	+ 3	+ 9	0.5	— 4.4	1.3	6
Bahawalpur	000	0	0	00	02	97	00	0	116	73	0	0	9	0	0	61	65	+ 3	+ 9	5.5	+ 1.2	6.5	6
Fort Abbas	000	0	0	25	03	98	00	0	109	75	0	0	9	0	0	60	69	—	—	8.9	—	9.2	4
Chakdara	000	0	0	00	00	98	03	9	117	59	0	0	9	0	0	57	57	—	—	11.0	—	26.5	—
Peshawar	000	0	6	00	00	96	05	1	139	64	1	1	6	3	1	55	60	+ 1	+ 5	9.7	+ 5.0	23.5	14
Heripur	000	0	6	00	00	97	02	1	128	65	3	9	9	0	0	58	62	—	—	21.1	—	31.0	—
Campbellpur	092	7	0	09	00	98	00	1	153	63	0	0	9	1	0	59	60	—	—	32.0	—	35.9	—
Bannu	000	2	6	00	00	99	02	0	121	66	6	0	9	7	0	59	66	—	—	9.3	—	12.4	11
D. I. Khan	000	3	6	09	02	98	03	1	114	71	6	6	8	0	0	60	65	+ 3	+ 10	10.5	+ 5.0	14.3	10
Sibi	000	0	0	31	02	99	00	0	107	72	0	0	9	0	0	48	64	—	—	5.0	—	5.2	5
Nokkundi	000	0	0	34	05	96	02	0	137	66	0	0	9	0	0	34	66	—	—	0	—	1.1	3
Turbat	000	0	0	09	02	99	00	0	109	79	0	0	9	0	0	47	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	0	05	03	97	02	0	096	83	0	0	9	0	0	40	72	—	—	0.3	—	5.9	4
Panjgur	000	0	0	36	03	97	00	0	095	81	0	0	9	0	0	46	70	+ 7	+ 5	0.4	— 0.3	3.2	6
Ormara	000	0	0	09	02	98	00	0	085	80	0	0	9	0	0	76	74	—	—	2.1	+ 1.3	4.1	6
Las Bela	000	0	0	00	xx	99	00	0	121	79	0	0	9	0	0	56	72	—	—	6.6	—	6.8	8
Karachi (Manora)	000	0	0	00	00	96	01	1	092	81	4	6	4	0	0	78	79	+ 2	+ 10	16.5	+10.4	16.5	8
Karachi (Air Port)	000	0	0	23	00	96	03	0	090	76	4	6	5	0	0	73	72	—	—	22.6	—	22.9	—
Badin	000	0	0	23	02	98	00	0	110	78	0	0	9	0	0	71	72	—	—	11.2	+ 4.0	11.2	9
Nagarparkar	000	0	0	18	08	98	00	0	091	73	0	0	9	0	0	70	66	—	—	30.5	—	30.9	—
Umarkot	000	0	0	09	02	98	00	0	095	76	0	0	9	0	0	72	73	+ 1	+ 7	19.3	—	20.0	7
Hyderabad	000	0	0	13	05	97	02	0	096	75	0	0	9	0	0	70	69	—	—	7.3	—	7.5	—
Padidan	000	0	0	00	00	97	03	0	096	74	3	6	5	0	0	73	71	—	—	6.4	—	7.1	—
Nawabshah	000	0	0	00	00	96	00	0	097	75	0	0	9	0	0	69	70	—	—	3.6	—	4.6	4
Sukkur	000	0	0	09	07	97	02	0	101	73	0	0	9	0	0	65	69	+ 3	+ 10	3.8	+ 1.5	4.5	4
Kashmore																							20
Jacobabad																							—
Veraval																							4
Jalalabad																							—
Muscat																							—
Kuwait																							26
HILL STATIONS																							3
Srinagar																							6
Gulmarg																							—
Sonamarg																							—
Dras																							5
Leh																							59
Skardu																							18
Misgar																							29
Aliabad																							12
Gilgit																							8
Murree	022	9	6	13	09	97	02	6	515	49	0	0	9	5	0	28	44	—	—	32.7	+15.6	77.9	59
Drosh	000	0	6	00	00	98	03	2	511	55	0	0	9	0	6	41	54	—	—	1.5	—	30.7	18
Chorat	000	0	2	13	00	98	01	0	520	55	0	0	9	0	8	31	53	—	—	20.9	+ 8.4	30.7	29
Kakul	002	9	5	18	02	97	03	1	513	59	1	5	7	0	8	45	53	—	—	49.9	—	54.6	—
Landi Kotal	000	0	4	00	00	98	01	0	479	56	4	5	9	0	0	47	xx	—	—	3.8	—	18.9	—
Parachinar	000	0	4	00	00	99	00	0	800	51	0	0	9	1	0	35	xx	—	—	14.1	—	28.0	29
Miranshah	000	0	0	00	03	97	00	0	469	62	0	0	9	0	0	42	54	—	—	4.0	— 0.8	7.0	13
Wana	000	0	0	20	03	97	00	0	499	56	0	0	9	0	0	41	51	—	—	5.1	—	14.1	—
Fort Sandeman	000	0	0	00	00	97	02	0	514	62	0	0	9	0	0	51	56	+ 5	+ 6	7.3	+ 2.1	16.0	11
Hindubagh	000	0	0	23	03	98	00	0	498	55	0	0	9	0	0	32	54	—	—	4.6	—	4.6	—
Loralai	000	0	0	23	02	98	00	0	330	49	0	0	9	0	0	29	46	—	—	7.1	—	12.0	—
Harnai	xxx	xx	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	8	xx	—	—	8.4	+ 0.8	12.7	14
Quetta	513	59	0	18	02	94	00	0	513	59	0	0	9	0	0	28	42	—	—	4.7	+ 3.6	10.2	8
Chaman	503	55	0	13	02	97	00	0	503	55	0	0	9	0	0	23	54	+ 4	+ 5	0.3	— 0.2	6.8	7
Kalat	519	55	0	16	05	97	00	0	519	55	0	0	9	0	0	23	38	+ 4	+ 3	6.3	+ 5.0	11.0	9
Nushki	582	64	0	36	02	98	02	0	582	64	0	0	9	0	0	49	62	—	—	1.1	—	2.9	—
Dalbandin	489	59	0	27	02	95	05	0	489	59	0	0	9	0	0	31	57	+ 6	+ 9	0.2	— 0.1	2.2	5
Panjgur	532	64	0	36	02	98	00	0	532	64	0	0	9	0	0	34	62	— 0	+ 9	3.5	—	4.1	4
Kabul	522	56	0	36	02	99	00	0	522	56	0	0	9	0	0	42	35	—	—	—	—	—	12

Given in Cents.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 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 27th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhClhCMCH	DsVs a PP	8 Ns Ch hs	0 Ts Ts Td Td	Idw dw PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Celimene	23 220	598 00	0 25 04	98 02 0	122 81	00 9 00	15 72 0	...	0 57 48	1 00 x0
Berenice	23 252	572 03	0 32 09	99 02 0	140 84	00 9 00	36 31 5	...	0 54 79	1 31 21
Celimene	23 227	597 03	0 23 07	98 02 0	125 82	00 9 00	75 20 3	...	0 53 68	1 25 20
Santhia	23 213	697 06	0 32 09	99 02 0	021 82	00 9 00	75 82 0	...	0 51 70	1 32 32
Salamat	23 229	608 06	0 28 05	98 02 0	114 82	00 9 00	36 00 0	...	0 01 72	1 28 21
Caltex the Hague	23 213	620 06	0 27 09	98 02 0	109 81	00 9 00		...	0 50 73	1 27 21
Celimene	23 232	592 06	0 00 00	98 02 0	130 86	00 9 00	75 10 5	...	0 02 73	1 00 x3
Berenice	23 251	577 06	0 32 01	99 02 0	140 86	00 9 00	36 40 0	...	0 52 72	1 31 21
Berenice	23 244	582 09	0 07 06	99 02 0	117 88	00 9 00	36 62 3	...	0 52 77	1 36 21
Celimene	23 239	586 09	0 31 08	98 02 0	111 88	00 9 00	75 71 9	...	0 05 75	1 31 21
Juvan	23 252	576 12	0 30 12	98 02 0	027 90	00 9 00	35 72 0	...	0 03 81	1 30 22
Celimene	23 244	581 12	0 30 08	98 02 0	098 88	00 9 00	75 71 3	...	0 51 79	1 30 21
Salamat	23 218	622 12	0 27 10	98 02 0	078 84	00 9 00	36 71 8	...	0 01 73	1 27 21
Berenice	23 239	586 12	0 02 05	99 02 0	095 90	00 9 00	36 72 7	...	0 04 75	1 01 22
Santhia	23 223	687 12	0 27 02	99 00 0	078 84	00 9 00	75 60 5	...	0 50 84	1 30 22
Caltex the Hague	23 222	608 12	1 33 04	98 02 0	107 84	00 9 01		...	0 01 81	1 24 32
Travelyance	23 218	599 12	0 06 03	99 02 0	073 89	00 9 00	14 60 6	...	0 04 69	1 06 xx
Berenice	23 232	592 15	0 02 03	99 02 0	100 84	00 9 00	36 40 5	...	0 52 73	1 01 x2
Salamat	23 208	636 18	0 27 05	98 02 0	096 79	00 9 00	36 20 2	...	0 27 70	1 26 31
Santhia	23 231	679 18	0 28 05	99 02 0	082 81	00 9 00	75 80 0	...		1 30 32
Alamyyada	23 107	755 18	3 16 02	98 03 2	067 84	xx x xx	34 01 2	...	0 00 76	1 16 00

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	011 258 222	093 245 208	...	500 152 092	...	119 048 515	359 542 578	787 588 999	476 702 999	954 850	229 002	413 138	...
Jiwani														
Karachi	00 00	005 228 212	065 228 202	...	420 202 508	...	126 105 999	387 022 999	834 572 999	540 685 999	962 825	...	...	...
Lahore	00 00		Misda											
Multan														
Peshawar	23 00	970 172 132		...	450 152 115	...	091 045 542	328 532 602	749 598 708	433 712 999	950 848	202 832	403 132	...
Quetta	23 00	830 102 512	Misda											

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHH
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 185 145	800 112 062	644 002 532	...	...	...	...	...	...	644 002 532	...	...
Jiwani													
Karachi	00 00	900 222 055	800 162 585		...	...	...	...	...	...	800 162 585	...	...
Lahore	00 00		Misda										
Multan													
Peshawar	23 00	900 168 132	800 122 078	350 778 999	250 932 999	117 148 999	...	...	...	...	117 148 999	...	...
Quetta	23 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	10 02	11 03	12 03	18 03	20 10	23 13			
Chaklala									
Chhor	23 06	21 08	21 06	08 03	35 07	31 11	30 14	33 19	31 09
Chittagong	25 07	23 06	21 06	19 07	18 13	17 15	24 15	25 15	24 15
Cox's Bazar	23 08	19 07	14 06	15 10					
Dacca	01 03	07 03	09 03	16 06	16 05	19 12			
Dalbandin			35 09	02 11	01 08	35 15	33 26	34 33	33 34
D. I. Khan									
Drosh					22 08	23 10			
Fort Sandeman				31 12	29 13	28 07	27 19	32 24	34 24
Jacobabad	16 05	17 07	26 03	34 04	32 03	35 10	32 22	32 31	32 35
Jessore	13 07	09 06	11 05	12 10	14 09	22 08			
Jhelum	13 11	13 21	13 24	13 22	13 11	23 13			
Jiwani	No	Ascent							
Karachi	23 10	30 03	26 01	21 02	06 06	32 16	31 18	30 15	31 15
Khanpur	29 04	26 04	24 04	21 06	21 03	30 05	28 15	30 23	30 29
Lahore	14 05	17 06	16 06	15 09	17 11	20 07	25 13	27 18	28 25
Multan	04 02	33 03	32 06	33 05	27 02	26 11	29 17	32 25	32 27
Muscat									
Panjgur									
Peshawar									
Quetta					29 13	27 09	34 13	31 31	32 31
Sharjah									
Sylhet	36 03	33 02	28 02	19 04	17 09	17 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	09 05	10 05	11 05	06 07	12 03	19 16
Chaklala						
Chhor	23 11	20 13	17 17	17 17		
Chittagong	07 09	07 09	10 07	19 10	19 08	17 13
Cox's Bazar	05 11	06 05	12 03	16 10	16 13	15 17
Dacca	07 03	07 03	14 03	19 07	19 05	21 09
Dalbandin			27 06	34 09	36 09	36 11
D. I. Khan						
Drosh				23 03	21 10	21 14
Fort Sandeman				07 06	07 03	01 06
Jacobabad	12 21	12 21	12 15	19 04	32 03	36 14
Jessore	07 12	09 10	10 09	12 10	15 23	17 14
Jhelum	10 11	10 17	28 05	31 07	23 12	23 12
Jiwani	No	Ascent				
Karachi	23 06	23 05	30 02			
Khanpur	07 09	09 08	17 05	13 01	03 02	08 06
Lahore	08 15	09 22	12 19	22 12	22 13	
Multan	07 15	02 07	03 06	01 10	34 06	28 11
Muscat						
Panjgur						
Peshawar		33 06	29 02	19 07	31 09	30 07
Quetta					33 01	34 07
Sharjah						
Sylhet	10 18	10 14	10 13	65 03	21 04	21 10
Veraval						

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	07 04	08 05	08 06	09 07	25 02	23 10					
Chaklala		13 07	13 07	12 11	14 06	30 02					
Chhor	19 05	17 08	20 10	20 12	06 04	06 11	32 11	32 19	33 20		
Chittagong	06 02	07 02	17 03								
Cox's Bazar	10 05	12 04	13 07	17 09	17 11	17 10					
Dacca	06 04	08 02	14 03	22 05	19 07	20 14					
Dalbandin			25 04	13 04	07 06	30 04	34 24	32 19	32 20	32 56	
D. I. Khan											
Drosh					22 93	34 09	01 05	18 08	21 06		
Fort Sandeman				01 04	19 05	21 08	27 15	28 19	29 23	29 25	29
Jacobabad	11 07	13 08	14 09	17 03	01 02	13 03	31 11	32 19	33 19	33 22	34
Jessore	08 09	11 04	11 07	11 03	17 04	19 11					
Jhelum	13 07	12 17	13 24	12 15	14 05	31 04	29 10	30 09	30 23		
Jiwani	No	Ascent									
Karachi	18 03	20 02	34 02	01 06	10 07						
Khanpur	28 05	05 05	05 05	09 04	16 04	13 03					
Lahore	11 15	11 31	12 26	28 04	27 15	25 07	32 15				
Multan	01 06	01 06	01 09	04 12	01 02	23 04					
Muscat											
Panjgur											
Peshawar											
Quetta					20 04	26 07	30 01	31 19	31 21	29 27	30
Sharjah											
Sylhet	12 10	10 15	08 12	05 06	25 05	22 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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	08 05	10 05	13 03	17 06	19 07	20 09	21 17	26 23	28 25	26 30	26 51	25 89	75 07	76 07	...	...	...	...
Karachi	29 03	20 02	28 04	28 08	36 11	05 11	31 15	32 31	31 30	32 32	30 45	28 54						
Peshawar	Misda																	
Quetta																		

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

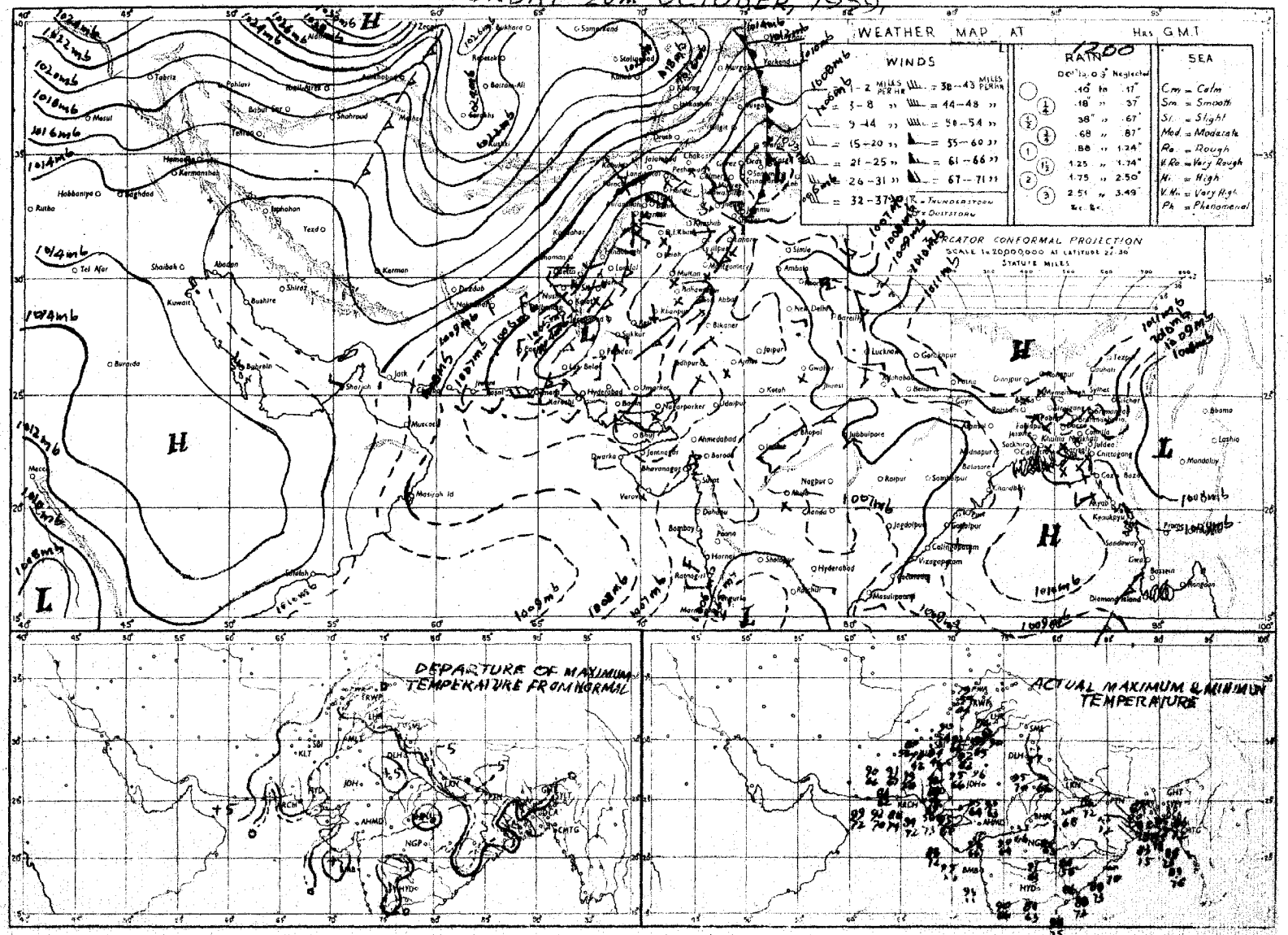
Cloud observation Data (GGiii Cdd V,V, etc.)

04571 62605

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

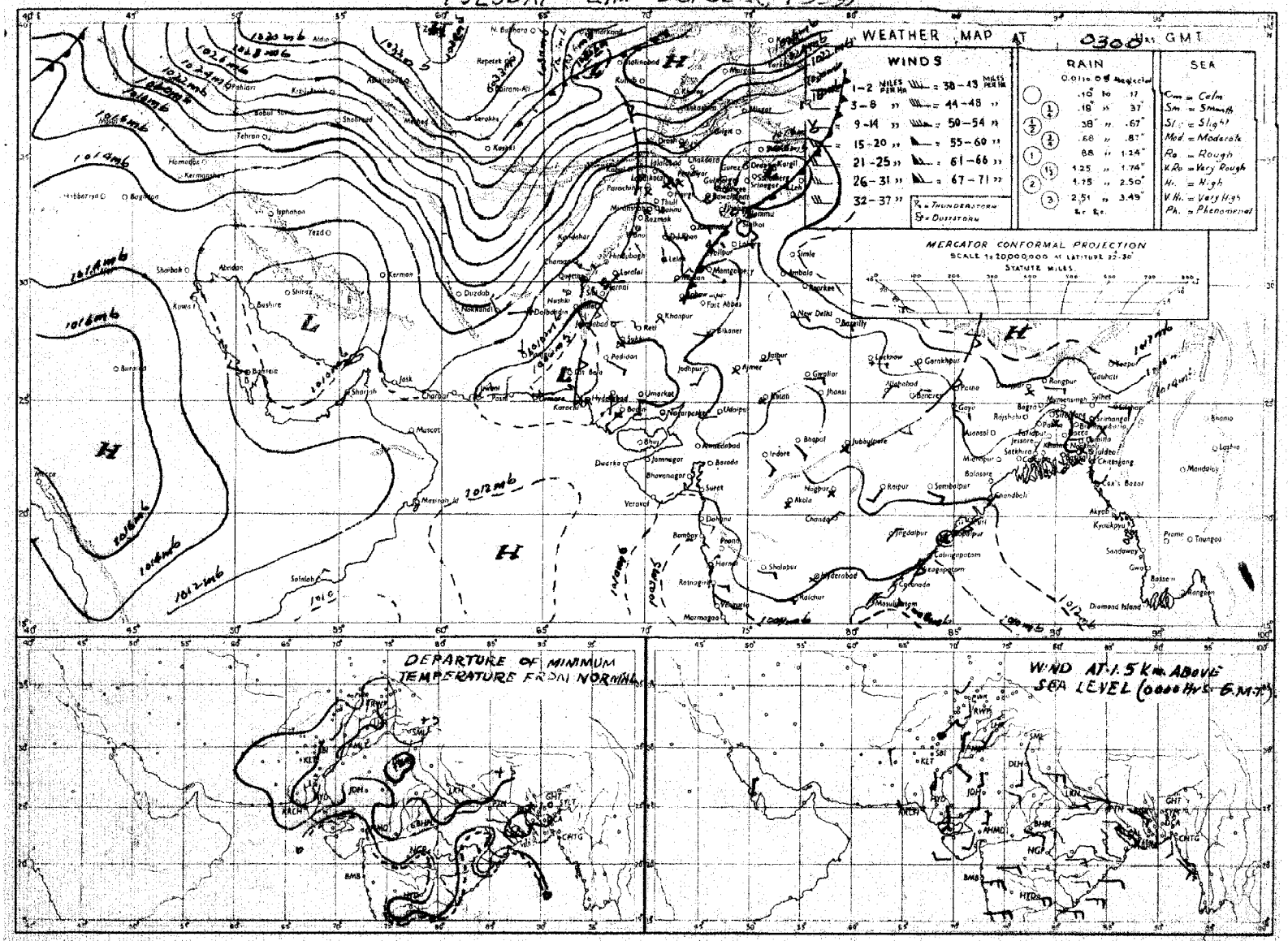
MONDAY 26th OCTOBER, 1959



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 27th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 28th OCTOBER, 1959.

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

Yesterday's western disturbance north of Afghanistan is moving away eastwards through Russian Turkistan with its trough moving across Rawalpindi division. It has caused local thunderstorms/showers in Lahore, Rawalpindi, Multan and D. I. Khan divisions.

Observations from ships are absent but believe a depression lies in west central Bay of Bengal and centred at 28,0300 G.M.T. within one degree of latitude 14°N and longitude 82°E. It is likely to intensify and move in a northerly direction.

Scattered rain/thunderstorms have occurred in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:- Barisal and Lyallpur 1"; Khushab 3/4"; Bannu and D. I. Khan ½" each and Lahore 1/4".

Day temperatures were:- 4—10°F below normal in Peshawar, Rawalpindi, Lahore, Multan, Bahawalpur and D. I. Khan divisions.

Forecast valid until the evening of 29th October, 195! Rain/thundershowers will be local in Rawalpindi, Lahore divisions and Kashmir and scattered in Peshawar, Multan, Bahawalpur divisions and in East Pakistan.

Karachi-11
The 28th October, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	8	18	03	95	02	2	110	83	1	0	7	1	7	76	90
	Chittagong	000	0	8	36	02	xx	02	2	113	82	4	2	6	2	1	73	88
	Maijdee Court	000	9	9	00	00	xx	02	0	092	83	9	x	0	x	x	78	87
	Comilla	000	0	0	00	00	94	00	0	114	85	0	0	9	0	0	78	89
	Brahmanbaria	000	0	4	00	00	xx	03	0	116	83	4	0	9	4	0	77	89
	Sylhet	000	[illegible]	1	00	00	xx	02	0	113	80	1	0	9	7	0	73	85
	Srimangal	000	0	5	00	00	xx	03	1	113	78	3	2	5	6	1	73	89
Dacca	Mymensingh	000	0	2	00	00	98	01	1	114	83	2	2	4	0	0	75	87
	Narayanganj	000	9	8	00	00	xx	03	1	107	85	5	0	9	7	8	75	89
	Dacca (Tezgaon)	000	9	7	00	00	97	13	1	106	81	2	3	6	4	2	74	88
	Faridpur	000	6	7	00	00	96	02	2	103	83	7	4	7	0	0	74	89
	Barisal	000	0	3	00	00	97	02	0	111	85	3	0	8	4	0	76	87
Rajshahi	Khulna	000	0	7	00	00	xx	02	2	118	82	5	4	6	3	0	75	87
	Satkhira	000	0	7	00	00	96	03	2	118	76	6	3	7	5	6	70	85
	Jessore	000	0	4	36	02	97	02	2	104	82	4	4	6	0	0	76	87
	Sirajganj	000	0	8	00	00	92	02	2	101	83	6	1	5	5	x	83	89
	Bogra	000	0	0	00	00	xx	02	2	109	81	0	0	9	0	0	75	85
	Dinajpur	000	0	0	00	00	xx	00	0	113	81	0	0	9	0	0	71	87
	Rangpur	000	0	1	00	00	96	01	0	xxx	80	1	0	9	1	0	74	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	7	00	00	96	02	0	126	75	1	1	8	3	2	62	90
	Sialkot	000	5	3	05	03	97	02	0	131	75	1	2	6	4	0	58	78
Rawalpindi	Jhelum	000	8	6	00	00	96	02	2	132	74	5	0	9	7	1	63	74
	Rawalpindi	000	0	7	00	00	97	02	2	145	70	7	5	6	0	0	67	76
	Khushab	000	8	6	09	03	99	03	1	135	76	6	3	6	0	0	59	77
Multan	Lyallpur	000	0	0	05	02	96	06	3	113	80	0	0	9	0	0	58	81
	Montgomery	000	0	0	00	00	96	00	0	110	82	0	0	9	0	0	63	90
	Multan	000	0	0	00	00	97	02	0	086	77	0	0	9	0	0	68	83
Bahawalpur	Leiah	000	0	0	02	03	96	02	0	087	86	0	0	9	0	0	70	88
	Khanpur	000	0	0	36	02	97	00	0	093	85	0	0	9	0	0	65	87
	Bahawalpur	000	0	4	25	03	98	02	1	062	88	4	4	8	0	0	84	94
	Fort Abbas																	
Peshawar	Chakdara	000	0	7	23	03	97	03	1	107	71	7	6	7	0	0	49	75
	Peshawar	000	2	7	00	00	97	50	5	121	74	6	3	6	7	0	51	79
	Haripur	000	9	4	23	04	96	03	0	063	85	2	4	6	6	0	60	88
	Campbellpur	000	9	8	13	01	98	02	2	145	73	8	0	9	1	x	58	79
D. I. Khan	Bannu	000	0	3	07	02	99	01	1	112	75	5	0	9	6	0	56	77
	D. I. Khan	000	6	5	09	02	98	03	0	108	81	5	0	9	5	0	81	84
Quetta	Sibi	000	0	6	23	02	98	03	1	081	92	0	0	9	0	2	71	94
Kalat	Nokkundi	000	0	0	34	02	95	02	0	122	74	0	0	9	0	0	34	96
	Turbat	000	0	0	09	02	98	00	0	076	96	0	0	9	0	0	32	99
	Jiwani	000	0	0	18	09	97	02	0	061	90	0	0	9	0	0	50	97
	Pasni	000	0	0	13	05	97	00	0	060	97	0	0	9	0	0	62	99
	Ormara	000	0	0	18	09	98	00	0	060	88	0	0	9	0	0	72	95
	Las Bela	000	0	0	00	00	98	00	0	071	95	0	0	9	0	0	65	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	12	98	02	0	071	87	0	0	9	0	0	80	93
	Karachi (Air Port)	000	0	1	18	05	97	01	1	076	85	1	1	6	0	0	71	89
	Badin	000	0	0	23	02	97	00	0	075	87	0	0	9	0	0	69	91
	Nagarparkar	000	0	0	23	03	98	00	0	076	93	0	0	9	0	0	68	94
	Umarkot	000	0	0	31	03	98	00	0	068	91	0	0	9	0	0	56	93
	Hyderabad	000	0	0	13	02	97	02	0	078	89	0	0	9	0	0	65	93
Khairpur	Pad-i-dan	000	0	0	05	03	97	02	0	074	92	0	0	9	0	0	52	93
	Nawabshah	000	0	1	18	02	97	02	0	073	89	1	4	5	0	0	66	93
	Sukkur	000	0	0	02	03	96	00	0	077	88	0	0	9	0	0	61	94
	Kashmore	000	0	0	05	05	99	00	0	082	85	0	0	9	0	0	59	89
	Jacobabad	000	0	1	13	05	97	02	0	081	90	1	1	6	0	0	59	93
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	3	00	00	98	01	1	115	34	0	0	9	0	1	14	37
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	8	09	02	96	03	1	517	49	8	9	3	x	x	45	54
Peshawar	Drosh	000	8	7	23	12	97	03	0	482	67	5	8	7	5	0	42	78
	Cherat	000	2	6	18	09	98	03	6	516	59	6	6	6	0	0	56	66
	Kakul	000	8	8	13	02	98	03	0	516	61	5	4	6	6	x	50	70
	Landi Kotal	000	0	7	16	03	98	03	1	504	64	7	5	7	0	0	48	73
	Parachinar	000	0	7	13	02	99	03	0	801	61	2	0	9	4	1	69	xx
D. I. Khan	Miranshah	000	0	6	05	02	98	03	1	484	68	4	2	7	2	0	52	72
	Wana	000	6	2	11	07	98	10	2	472	65	x	x	x	x	x	46	71
	Fort Sandeman	000	0	4	23	09	57	03	0	467	76	x	1	7	0	0	55	79
Quetta	Hindubagh	000	3	2	25	08	94	06	0	461	70	0	0	9	0	1	48	76
	Loralai	000	0	3	23	02	96	01	1	391	75	2	2	6	7	0	41	75
	Harnai	000	5	3	27	03	98	02	3	xxx	xx	0	0	9	0	4	xx	xx
	Quetta	000	0	0	27	12	97	02	0	483	70	0	0	9	0	0	22	76
	Chaman	000	0	0	18	05	97	00	0	495	71	0	0	9	0	0	50	75
Kalat	Kalat	000	0	0	31	12	97	00	0	475	73	0	0	9	0	0	23	77
	Nushki	000	0	0	34	05	98	02	0	585	79	0	0	9	0	0	44	87
	Dalbandin	000	2	0	23	07	96	05	4	500	80	0	0	9	0	0	31	85
	Panjgur	000	0	0	36	05	96	00	0	506	75	c	0	9	0	0	21	76
Afghanistan	Kabul	000	0	0	27	02	99	03	0	558	64	0	0	9	0	0	45	68
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	005	7	8	11	02	95	61	6	128	77	7	4	6	2	x	74	76	+ 4	+ 5	120.7	+ 4.6	136.5	140
	Chittagong	001	3	8	13	05	97	60	6	142	78	7	4	4	2	x	76	76	+ 3	+ 5	96.9	+12.7	128.9	108
	Maijdee Court	000	9	7	00	00	97	03	1	117	77	3	5	6	2	0	73	76	+ 2	+ 6	105.0	+12.9	136.8	115
	Comilla	000	0	0	00	00	97	00	0	121	83	0	0	9	0	0	75	74	+ 3	+ 4	76.0	+ 6.3	102.0	94
	Brahmanbaria	000	0	6	13	02	97	03	1	139	82	6	0	9	4	0	73	77	—	—	55.9	+ 1.5	81.9	76
	Sylhet	000	0	7	09	05	97	03	1	136	79	3	0	9	3	5	71	71	—	—	151.9	—	189.8	—
	Srimangal	000	0	7	00	00	96	03	2	138	77	5	4	5	3	0	74	70	+ 1	+ 1	74.7	+ 9.3	106.7	98
Dacca	Mymensingh	000	0	6	09	02	98	02	1	143	80	0	0	9	0	8	73	73	+ 2	+ 3	90.4	+21.1	112.5	91
	Narayanganj																		+ 3					74
	Dacca (Tezgaon)	000	4	7	05	02	97	02	2	130	82	1	3	5	7	1	75	74	—	—	85.4	—	100.9	—
	Faridpur	000	9	7	05	02	97	03	1	141	81	4	5	7	0	6	75	72	+ 5	+ 1	86.1	+34.7	114.5	71
	Barisal	000	2	7	05	08	96	62	3	142	78	7	4	5	0	0	75	71	+ 2	0	119.4	+57.5	134.2	81
Rajshahi	Khulna	000	0	8	13	10	96	03	2	145	75	6	4	6	3	x	70	74	+ 2	+ 4	77.6	+25.0	98.5	68
	Satkhira	000	0	6	00	00	97	02	2	138	77	6	4	7	0	0	73	77	— 2	+ 9	61.0	+10.6	79.1	66
	Jessore	000	0	7	05	03	97	03	1	134	79	5	5	6	6	0	73	73	+ 1	+ 3	67.9	+19.8	103.9	65
	Sirajganj	000	0	8	00	00	98	02	2	137	82	0	0	9	0	4	82	75	+ 4	+ 6	83.4	+33.9	108.2	64
	Bogra	000	0	6	09	02	96	01	1	132	78	2	5	6	5	0	75	74	0	+ 5	84.3	+29.1	104.5	69
	Dinajpur	000	0	0	00	00	96	00	0	124	80	0	0	9	0	0	71	69	+ 2	+ 2	49.5	—10.9	66.9	72
	Rangpur	000	0	5	09	02	96	03	0	xxx	75	1	5	6	1	1	70	70	+ 1	+ 3	72.5	+ 5.2	92.4	86
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	030	3	8	05	02	96	95	9	176	63	4	3	6	2	x	63	63	— 10	+ 10	22.1	+ 7.4	25.9	19
	Sialkot	000	2	8	05	02	97	0.	5	179	63	8	5	6	x	x	61	62	— 10	+ 6	52.7	+28.9	58.5	32
Rawalpindi	Jhelum	014	2	8	00	00	95	63	5	176	62	2	7	5	2	x	59	61	—	—	39.6	—	49.9	—
	Rawalpindi	006	8	7	00	00	98	58	5	185	62	7	6	6	0	0	61	61	— 9	+ 10	38.9	+14.9	52.0	36
	Khushab	072	0	3	09	02	99	01	6	170	63	3	3	6	0	0	60	61	— 13	+ 3	16.9	+ 6.[illegible]	25.4	15
Multan	Lyallpur	098	3	6	25	02	96	02	9	165	67	6	3	8	0	0	59	62	— 7	+ 6	15.5	+ 6.2	18.8	12
	Montgomery	000	0	6	13	03	96	03	1	162	64	6	4	7	0	0	62	63	— 1	+ 6	6.1	— 1.5	8.4	10
	Multan	000	5	7	09	02	97	17	9	169	65	4	9	5	0	1	60	64	— 7	+ 7	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	004	0	1	05	08	96	03	5	148	69	0	0	9	0	1	63	67	— 4	+ 10	0.5	— 4.3	1.3	8
	Khanpur	000	0	3	09	03	97	02	0	158	72	0	0	9	0	3	65	67	— 4	+ 11	5.5	+ 1.2	6.5	6
	Bahawalpur	000	0	4	05	09	98	02	1	159	71	0	0	9	0	1	60	66	—	—	8.9	—	9.2	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	4	00	00	98	02	1	170	56	4	0	8	4	0	51	55	—	—	11.0	—	24.3	—
	Peshawar																		— 4					14
	Haripur	000	4	8	23	04	96	03	5	139	72	8	0	9	7	x	61	60	—	—	21.1	—	32.0	—
	Campbellpur	000	9	8	00	00	98	03	2	189	65	8	0	9	2	x	61	63	—	—	22.0	—	35.9	—
D. I. Khan	Bannu	050	0	0	27	01	99	02	6	168	61	0	0	9	0	0	58	54	—	—	9.6	—	12.9	13
	D. I. Khan	060	0	0	31	02	98	02	6	174	64	0	0	9	0	0	59	60	— 5	+ 5	11.1	+ 5.6	14.9	10
Quetta	Sibi	000	3	4	00	c0	98	01	1	152	72	4	3	5	0	0	60	69	—	—	4.9	—	5.2	5
Kalat	Nokkundi	000	0	0	02	02	97	02	0	186	56	0	0	9	0	0	34	54	—	—	0	—	1.1	2
	Turbat	000	0	0	09	02	96	00	0	141	74	0	0	9	0	0	45	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	03	02	96	05	0	137	74	0	0	9	0	0	69	73	—	—	0.3	—	5.9	4
	Pasni	000	0	0	00	00	97	00	0	117	77	0	0	9	0	0	73	72	+ 9	+ 7	0.0	— 0.3	3.2	6
	Ormara	000	0	0	00	00	98	00	0	118	77	0	0	9	0	0	74	73	—	—	2.1	+ 1.3	4.1	6
	Las Bela	000	0	0	00	00	98	00	0	120	77	0	0	9	0	0	55	70	—	—	6.6	—	6.8	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	05	05	94	10	1	122	80	0	0	9	0	0	77	76	+ 3	+ 7	16.5	+10.4	16.5	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	126	73	0	0	9	0	0	69	69	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	133	74	0	0	9	0	0	71	72	—	—	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	115	83	0	0	9	0	0	65	79	—	—	30.5	—	30.5	—
	Umarkot	000	0	0	00	00	98	00	0	117	70	0	0	9	0	0	58	64	—	—	19.5	—	20.3	—
	Hyderabad	000	0	0	00	00	97	02	0	130	77	0	0	9	0	0	71	72	— 2	+ 6	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	1	11	05	96	01	0	135	74	1	0	9	3	0	63	69	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	36	03	97	02	0	136	74	0	0	9	0	0	66	67	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	16	05	96	00	0	138	74	0	0	9	0	8	61	72	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	05	16	99	00	0	155	72	0	0	9	0	0	54	70	—	—	2.0	—	2.1	—
	Jacobabad	000	0	2	09	05	96	05	0	148	74	1	9	7	3	8	62	72	0	+ 13	3.8	+ 1.5	4.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	..	..	..	..	..	—	—	..	—	—	—	—	..	—	—	—	..						—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	8	11	09	96	03	1	539	46	6	3	3	8	x	41	46	—	—	52.7	+15.5	77.9	59
Peshawar	Drosh	000	8	1	00	00	98	01	6	545	49	1	1	6	0	0	44	49	—	—	1.5	—	30.7	18
	Cherat	000	0	3	00	0.	98	03	0	544	55	3	0	9	8	0	xx	54	—	—	20.9	+ 8.3	30.9	49
	Kakul	000	9	8	16	02	98	03	2	539	56	8	0	6	x	x	51	53	—	—	49.9	—	54.6	—
	Landi Kotal	001	0	0	00	00	98	02	0	517	57	0	0	9	0	0	52	xx	—	—	3.8	—	18.9	—
	Parachinar	009	1	3	00	00	99	03	5	803	50	3	0	9	1	0	46	xx	—	—	14.2	—	28.1	29
D. I. Khan	Miranshah	000	0	0	00	00	99	02	0	531	60	0	0	9	0	0	53	53	—	—	4.0	— 0.8	7.0	13
	Wana	016	9	4	23	02	99	60	3	517	51	4	2	7	0	0	47	49	—	—	5.3	—	15.3	—
	Fort Sandeman	000	0	0	00	00	97	02	0	532	58	0	0	9	0	0	53	54	0	+ 4	7.2	+ 2.1	15.9	11
Quetta	Hindubagh	000	0	0	23	02	94	04	0	521	51	0	0	9	0	0	31	50	—	—	4.6	—	12.6	—
	Loralai	000	0	6	31	02	96	01	1	349	51	2	2	6	2	0	43	47	—	—	7.1		13.0	—
	Harnai	000	7	9	09	01	96	03	6	xxx	xx	9	x	0	x	x	xx	xx	—	—	8.4	+ 0.7	12.7	14
	Quetta	000	0	0	00	00	93	00	0	527	55	0	0	9	0	0	37	41	—	—	4.7	+ 3.5	10.2	8
	Chaman	000	0	0	09	01	96	00	0	529	75	0	0	9	0	0	32	50	— 1	+ 1	0.1	— 0.2	6.2	7
Kalat	Kalat	000	0	0	18	12	97	00	0	539	46	0	0	9	0	0	27	38	+ 8	+ 3	6.3	+ 5.0	11.0	9
	Nushki	000	0	0	13	05	96	05	0	582	63	0	0	9	0	0	53	59	—	—	1.1	—	2.9	—
	Dalbandin	000	9	0	00	00	94	05	4	514	55	0	0	9	0	0	35	54	0	+ 6	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	05	02	98	00	0	525	62	0	0	9	0	0	31	60	— 8	+ 7	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	18	02	99	00	0	587	51	0	0	9	0	0	41	34	—	—	—	—	—	14
	Kandahar																							—

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 28th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV .. W	PPP TT	NhCLhCMCH	D.V. a PP	8 N. Ch. h.	O T. T. Td Td	Id.d. PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Trevelyan	33 245	582 06	0 33 02	98 02 0	131 88	00 9 00	74 22 0	...	0 54 90	1 33 20
Jaron	33 216	596 06	0 25 05	98 02 0	043 84	00 9 00	55 11 3	...	0 03 81	1 25 20
Berenice	33 198	586 06	0 21 05	99 02 0	115 81	00 9 00	55 21 0	...	0 32 73	1 22 x1
Salamat	33 187	664 06	0 04 05	98 02 0	112 81	00 9 00	36 10 6	...	0 34 60	1 04 21
Berenice	33 190	580 09	0 21 03	99 02 0	095 82	00 9 00	55 62 0	...	0 02 70	1 21 x0
Trevelyan	33 253	574 12	0 27 05	99 02 0	083 89	00 9 00	73 72 0	...	0 03 75	1 27 20
Toomeru	33 237	598 12	0 09 06	98 02 0	095 88	00 9 00	34 60 5	...	0 02 xx	
Salamat	33 176	677 12	1 02 13	98 02 0	073 81	11 4 00	36 63 2	.	0 51 72	1 04 21
Berenice	23 185	576 12	0 21 05	99 03 0	080 82	00 9 00	56 71 5	...	0 02 81	1 21 x0
Jonan	33 203	589 12	0 13 04	98 02 0	013 86	00 9 00	55 60 9	...	0 05 77	1 13 20
Berenice	33 179	57? 15	0 21 07	99 02 0	090 81	00 9 00	56 21 0	...	0 02 73	1 21 x0
Saathia	33 249	661 18	1 19 05	99 03 0	107 82	11 4 00	65 21 0	...	0 00 58	1 18 22
Rionw	33 100	623 18	2 32 05	98 02 1	109 81	21 2 00	26 21 8	.	0 50 70	1 32 21
Berenice	33 073	466 18	0 21 10	99 02 0	110 81	00 9 00	56 22 0	...	0 52 81	1 21 xx
Dumra	33 249	650 19	0 34 02	97 02 0	105 82	00 9 00	25 21 0	...	0 51 75	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	23 00	010 252 222	097 258 232	—	490 158 115	—	123 042 015	361 515 999	793 590 999	487 688 999	958 822	233 020	414 130	...
Dacca ...														
Jiwani ...														
Karachi ...	00 00	008 218 202	088 222 195	—	490 182 C25	..	115 075 628	360 000 999	799 582 999	491 695 999	959 825	233 C08	412 088	—
Lahore ...	00 00	.	Misda	..	..	..	—	—	—	...	—	...	...	—
Multan ...														
Peshawar ...	23 00	974 168 152	..	—	500 122 105	—	110 015 005	335 568 585	729 655 692	382 768 999	940 888	207 046	390 090	..
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	23 00	908 202 155	—	—	—	—	—	—	—	...	900 202 155	—	..
Dacca ...													
Jiwani ...													
Karachi ...	00 00	900 208 012	800 142 545	..	—	...	—	—	—	—	800 142 545	—	—
Lahore ...	00 00	..	Misda	..	—	.	...		—	—	..	...	—
Multan ...													
Peshawar ...	23 00	900 158 142	800 082 082	350 828 999	250 965 999	126 110 999	—	..	—	..	126 110 999	—	..
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	05 05	06 06	07 07	11 05	21 06	32 11	27 10	27 21	27 28
Chaklala ...	..	13 07	13 08	12 09	15 02	25 05		—	...
Chhor ...	27 05	19 03	17 05	16 08	14 03	02 04	34 11	34 18	34 21
Chittagong ...	36 04	01 04	16 02	19 05	19 05	—		—	..
Cox's Bazar ...	23 04	22 03	19 05	18 10	15 10	25 13	...	—	...
Dacca ...	12 06	11 06	12 05	17 06	17 07	19 09	23 15	26 19	27 22
Dalbandin ...	—	—	26 12	25 15	26 16	—	..	—	—
D. I. Khan ...	..	—	—		—	—	—	...	..
Drosh ...	—	—	—	...	22 08	25 07	...	...	..
Fort Sandeman ...	..	..	—	23 11	22 11	—			
Jacobabad ...	14 05	12 05	13 03	13 02	22 05	28 10	30 15	31 25	30 24
Jessore ...	14 07	13 07	11 07	—		...	...		...
Jhelum ...	11 03	12 07	13 07	20 03	11 04	26 03	23 15	—	...
Jiwani ...	No	Ascent	...	...	...	..	...	..	...
Karachi ...	20 07	11 64	05 10	07 03	10 05	32 36	34 26	34 17	34 18
Khanpur ...	33 08	04 07	10 03	13 03	14 04	24 06	3 09	30 17	29 22
Lahore ...	10 08	14 11	14 13	12 05	16 07	25 12	27 09	28 18	27 20
Multan ...	03 08	05 11	05 09	25 02	27 05	24 13	29 12	27 19	28 19
Miazat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—			—	—	...	—
Peshawar ...	—	20 08	18 06	16 05	18 09	25 19	..	—	...
Quetta ...	—	..	...	...	25 15	25 09	28 19	29 24	29 29
Shahjah ...									
Sylhet ...	06 01	14 03	14 04	11 03	20 07	24 12	25 16	...	...
Varawal ...	...	...	...	...	—	...	...	—	..

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 ...	03 07	32 06	02 04			...
Chaklala ...	...	12 05	14 04	10 04	11 03	07 08
Chhor ...	31 08	22 07	23 10	18 11	15 12	14 12
Chittagong ...	07 04	03 06	..	...	...	...
Cox's Bazar ...	34 06	32 07	29 09	...	...	...
Dacca ...	03 04	05 05	07 04	14 03	14 05	17 04
Dalbandin ...	—	—	07 11	08 13	35 08	29 07
D. I. Khan ...	—	—	—			
Drosh ...	—	—	—	04 01	04 06	05 09
Fort Sandeman ...	...	...		5 03	36 05	28 19
Jacobabad ...	09 37	11 21	15 15	17 04	23 05	22 04
Jessore ...	05 05	09 06	11 09	13 09	14 11	14 03
Jhelum ...	28 10	31 12	31 07	29 06	05 02	
Jiwani ...	No	Ascent	...	—	...	
Karachi ...	02 04	35 05	14 04	11 06	04 08	04 10
Khanpur ...	10 26	02 35	04 17	05 08	04 10	05 17
Lahore ...	09 12	11 17	11 17	16 11	16 22	20 09
Multan ...	03 13	02 19	02 14	01 03	25 10	25 21
Miazat ...	—	—			—	
Panjgur ...	—	—	..		...	...
Peshawar ...	..	...	...	...		
Quetta ...	..	...	...	—	19 03	31 07
Shahjah ...						
Sylhet ...	09 13	09 07	07 04	32 C2	23 01	24 07
Varawal ...	...	...				...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	06 03	06 95	07 06	10 04	15 05	17 07	...	—	...	..	...
Chaklala ...	—	...	—	..	—	...	..	—	—	...	—
Chhor ...		—	—	...	—	—	...	...	—	—	—
Chittagong ...	05 02	12 04	..	...	—	—	...	..	—	—	—
Cox's Bazar ...	No			—	—	—	..	..	—	—	—
Dacca ...	09 03	10 05	14 06	12 04	09 08	09 07	23 07	23 12	—	..	—
Dalbandin ...	—	—	06 08	08 07	13 05	12 05	..	...	...	—	—
D. I. Khan ...	..	—	—	—	...	—	—	—	—	—	—
Drosh ...	—	—	—			—			—	—	—
Fort Sandeman ...	..	..		36 03	35 06	26 07	01 06	32 07	—	...	—
Jacobabad ...	06 07	08 06	13 04	19 05	14 04	22 07	32 19	30 17	32 21	—	—
Jessore ...	15 11	15 19	13 17	12 15	10 15	...	...	...	—	—	—
Jhelum ...	34 07	03 11	06 07	—	—	—	..	...	..	—	—
Jiwani ...	No	Ascent		...						...	—
Karachi ...	07 07	06 05	08 05	17 07	12 06	07 09	32 15	30 23	31 26	—	..
Khanpur ...	04 19	04 25	05 28	06 21		—	...	...	—	...	—
Lahore ...	11 15	13 21	15 12	18 06	25 12		...	—	—	—	...
Multan ...	34 19	36 20	36 21	01 09	27 08	—	.	—	..	—	...
Miazat ...	—	—	...			—	...	...	—	—	..
Panjgur ...	—	—	...	—		—	...	...	..	...	—
Peshawar ...	—		...			...	..	..	...	..	—
Quetta ...	—	..	...	.	21 02	09 04	..	...	—		..
Shahjah ...	..	...		—					...	...	—
Sylhet ...	..	...	...	..	..	...	..	..	...	...	..
Varawal ...	—	—		—			—	—	...		...

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. a.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.x	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 ...	0? 07	03 05	07 02	19 03	10 07	16 04	23 11	24 09	xx xx	26 32	24 57	26 70	74 04	75 14	25 93	...	...	..
Karachi ...	35 03	35 02	13 02	13 05	05 08	03 07	11 12	31 15	31 27	32 38	32 56	32 63	..	..	—	...	—	—
Peshawar ...	Misda		—	—			—	—	...	...	...	..	—	...	—	...	...	
Quetta ...																		

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

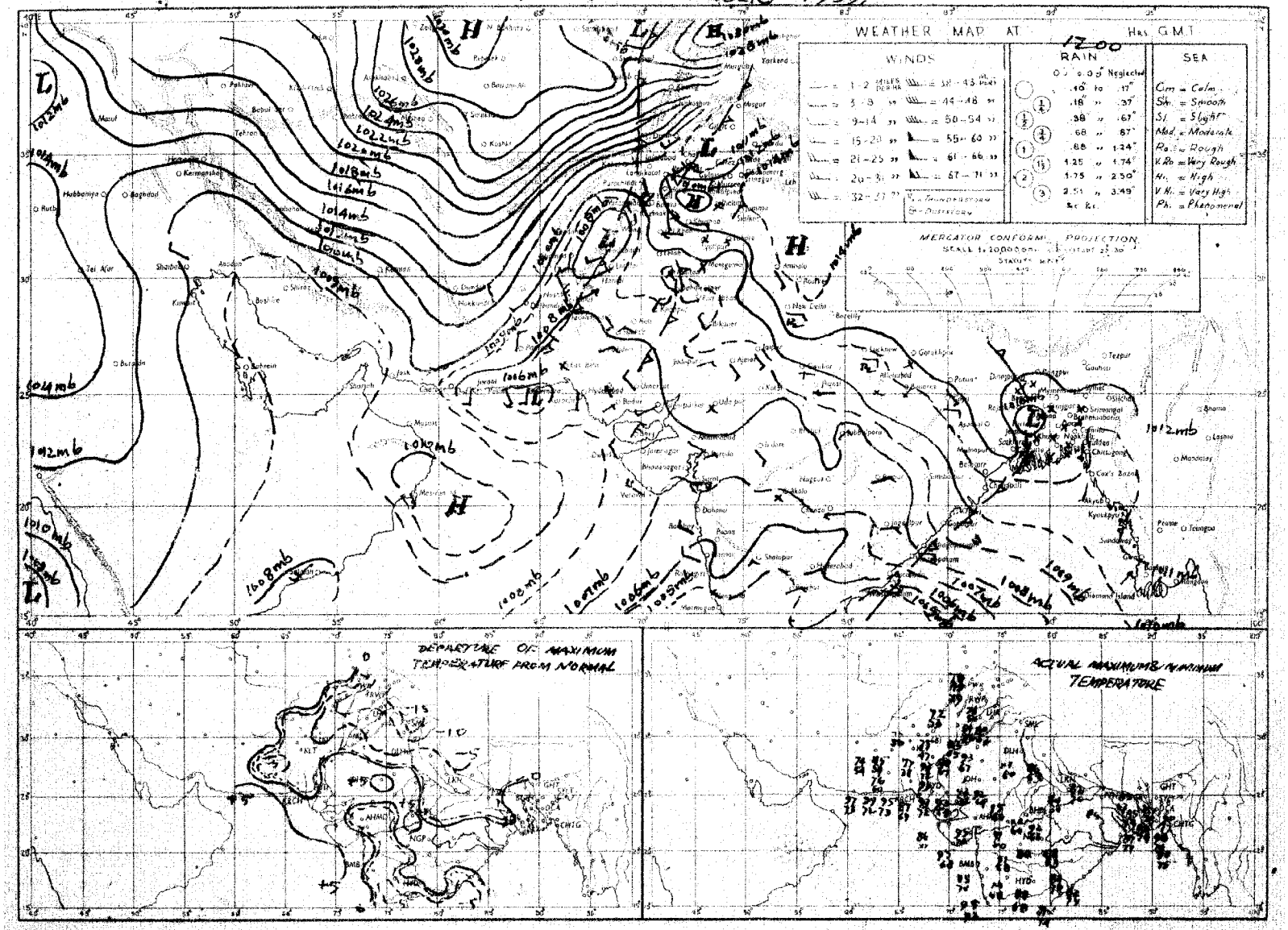
Cloud observation Data (GGiii Cdd V,V, etc.)

05715 32214

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, 27th OCTOBER, 1959.



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

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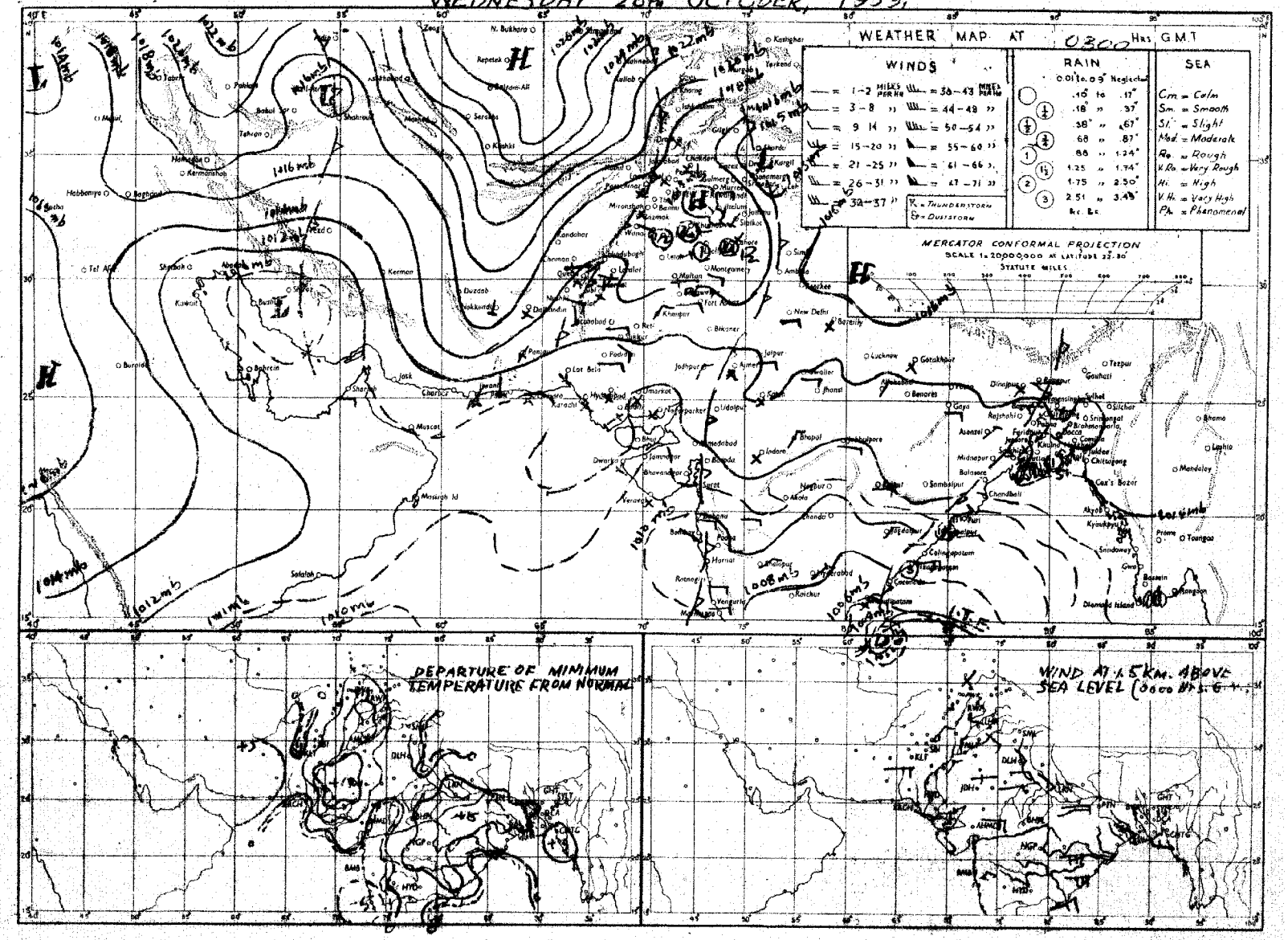
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 29th OCTOBER, 1959.

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

Observations from ships and Circars coast are absent but believe yesterday's depression in west central Bay of Bengal intensified into deep depression last evening and is centred at 29, 0300 GMT within one degree of latitude 15 °N and longitude 83 °E. It is likely to intensify further and move northeastwards.

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

Yesterday's trough over Rawalpindi division moved away eastwards after causing fairly widespread rain/thundershowers in Rawalpindi and Lahore divisions, local in Peshawar division and scattered in Multan and Quetta divisions.

Chief amounts of rainfall are:- Maijdee Court and Barisal 2" each; Chittagong, Sylhet and Khulna 3/4" each; Cox's Bazar, Comilla (till 0000 Z). Mymensingh, Narayanganj, Murree and Cherat ½" each and Srimangal, Dacca, Faridpur, Jessore, Sirajganj, Rawalpindi and Kakul ¼" each.

Day temperatures were 6—12 °F below normal in West Pakistan outside Hyderabad and coastal Kalat divisions and were 3—6 °F so in the southern districts of East Pakistan.

Forecast valid until the evening of 30th October, 1959 Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Rawalpindi and Lahore divisions and Kashmir.

K. U. SIDDIQI.
for Director, Meteorological Service

Karachi-11
The 29th October, 1959.

OBSERVATIONS

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

Divisions	Stations	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	006	5	8	02	02	94	61	6	107	76	7	4	6	2	6	73	83
	Chittagong	005	8	8	00	00	xx	51	5	124	77	x	x	x	x	x	75	81
	Maijdee Court	048	2	9	00	00	xx	50	9	xxx	76	9	x	0	x	x	xx	84
	Comilla	025	3	8	00	00	93	02	6	108	78	8	4	5	x	x	77	98
	Brahmanbaria	000	1	7	23	02	xx	25	9	105	76	7	3	5	0	0	71	87
	Sylhet	000	0	6	00	00	xx	01	2	097	77	1	1	6	7	8	73	85
	Srimangal	0.0	0	8	00	00	xx	03	2	180	80	5	3	4	2	x	77	88
Dacca	Mymensingh	000	0	3	00	00	98	01	1	099	82	0	0	9	0	9	75	85
	Narayanganj	000	9	8	18	05	xx	03	2	104	78	8	7	4	x	x	74	86
	Dacca (Tezgaon)	000	9	8	00	00	97	02	2	100	79	5	3	6	2	8	73	85
	Faridpur	000	6	8	00	00	96	02	2	102	79	8	4	7	x	x	78	86
	Barisal	000	0	8	00	00	96	03	2	104	79	8	5	5	x	x	78	85
Rajshahi	Khulna	000	0	8	00	00	xx	02	2	102	77	3	4	6	3	x	73	79
	Satkhira	000	0	6	00	00	97	02	2	104	76	6	4	7	0	0	73	78
	Jessore	000	0	6	36	02	96	02	2	106	77	4	4	5	6	0	73	81
	Sirajganj	000	0	0	00	00	xx	00	0	097	78	0	0	9	0	0	78	86
	Bogra	000	0	7	00	00	xx	02	2	095	62	3	6	6	3	2	75	85
	Dinajpur	000	0	4	00	00	96	03	0	xxx	79	2	5	6	1	0	73	85
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	009	8	6	00	00	96	03	9	131	73	5	0	9	7	9	65	77
	Sialkot	015	7	1	00	00	97	01	6	128	73	1	2	6	0	0	60	76
Rawalpindi	Jhelum	010	7	7	31	05	96	50	9	125	69	6	7	5	2	0	60	74
	Rawalpindi	030	7	5	02	02	99	01	6	150	73	5	0	9	7	0	60	76
	Khushab	000	0	3	07	03	99	02	0	142	70	3	3	6	0	0	65	73
Multan	Lyallpur	000	0	5	20	02	96	02	1	132	73	5	0	9	4	0	63	75
	Montgomery	000	0	0	00	00	96	00	0	128	73	0	0	9	0	0	63	78
	Multan	000	6	5	36	03	97	02	9	134	76	5	0	9	5	0	59	78
Bahawalpur	Leiah	000	0	5	25	05	96	01	2	142	75	5	0	8	2	0	51	75
	Khanpur	000	0	0	05	05	95	06	0	115	80	0	0	9	0	0	67	82
	Bahawalpur	000	0	2	02	05	97	02	0	117	78	2	0	8	2	0	71	78
	Fort Abbas	000	0	0	05	05	98	00	0	xxx	78	0	0	9	0	0	62	95
Peshawar	Chakdara	000	0	6	23	05	97	03	1	122	70	6	0	8	6	0	51	74
	Peshawar	000	0	1	05	03	97	01	1	158	79	1	1	6	0	0	67	77
	Haripur	017	5	6	23	04	96	03	1	140	64	6	4	6	0	0	71	77
	Campbellpur	000	0	0	00	00	98	00	0	160	68	0	0	9	0	0	61	69
D. I. Khan	Bannu	000	4	3	13	01	99	03	0	136	72	3	2	6	0	0	57	77
	D. I. Khan	000	6	0	00	00	98	00	0	134	76	0	0	9	0	0	60	76
Quetta	Sibi	000	9	5	23	02	98	03	1	115	84	0	0	9	0	2	59	88
Kalat	Nokkundi	000	0	0	23	02	97	02	0	119	81	0	0	9	0	0	26	82
	Turbat	000	0	0	13	02	98	00	0	097	94	0	0	9	0	0	56	96
	Jiwani	000	0	0	09	12	96	05	0	099	86	0	0	9	0	0	[illegible]	91
	Pasni	000	0	0	20	10	97	00	0	097	86	0	0	9	0	0	69	89
	Ormara	000	0	0	18	05	98	00	0	090	85	0	0	9	0	0	73	93
	Las Bela	000	0	0	00	00	98	00	0	104	93	0	0	9	0	0	66	99
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	27	10	98	01	1	093	86	2	0	9	4	0	78	91
	Karachi (Air Port)	000	0	1	18	09	97	02	0	094	88	1	1	6	0	0	57	93
	Badin	000	0	0	00	00	97	00	0	105	90	0	0	9	0	0	57	96
	Nagarparkar	000	0	0	00	00	98	00	0	072	92	0	0	9	0	0	69	94
	Umarkot	000	0	0	31	03	98	00	0	083	91	0	0	9	0	0	51	96
	Hyderabad	000	0	2	05	02	97	02	0	099	89	2	5	6	0	0	59	94
Khairpur	Pad-i-dan	000	0	0	36	10	95	05	0	109	84	0	0	9	0	0	57	88
	Nawabshah	000	0	1	36	10	96	07	0	105	88	0	0	9	0	1	60	91
	Sukkur	000	6	0	05	05	94	06	4	112	81	0	0	9	0	0	61	84
	Kashmore																	
	Jacobabad	000	0	1	13	03	96	03	0	114	85	0	0	9	0	1	74	87
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu	000	0	3	00	00	98	01	2	057	41	0	0	9	0	1	21	45
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	056	3	7	13	13	97	02	6	519	44	4	5	5	5	0	41	47
Peshawar	Drosh	000	0	2	23	10	97	01	0	493	67	2	1	7	0	0	41	76
	Cherat	057	7	1	18	01	99	01	6	525	55	1	0	9	9	0	52	62
	Kakul	037	7	7	34	03	96	20	6	519	53	7	2	5	0	0	51	57
	Landi Kotal	001	3	1	16	03	98	01	6	511	60	1	2	7	0	0	49	70
	Parachinar	000	0	5	13	03	99	03	0	802	61	2	0	9	3	0	42	xx
D. I. Khan	Miranshah	000	0	0	05	05	99	00	0	500	64	0	0	9	0	0	50	72
	Wana	000	0	3	11	03	99	10	1	491	63	3	1	7	0	0	45	68
	Fort Sandeman	000	0	0	08	00	97	02	0	506	69	0	0	9	0	0	51	71
Quetta	Hindubagh	000	9	3	25	06	92	02	4	456	67	0	0	9	0	1	46	71
	Loralai	000	0	3	13	02	98	01	1	335	71	3	0	8	2	0	54	75
	Harnai	015	9	9	05	02	95	21	6	xxx	xx	9	x	0	x	x	xx	xx
	Quetta	000	0	0	36	02	99	00	0	491	67	0	0	9	0	0	39	69
	Chaman	000	0	0	27	02	97	00	0	511	71	0	0	9	0	0	47	73
Kalat	Kalat	000	0	2	31	18	96	07	1	507	59	2	1	7	0	0	37	69
	Nushki	000	0	0	34	02	96	05	0	591	76	0	0	9	0	0	47	77
	Dalbandin	000	0	0	13	03	94	05	0	513	77	0	0	9	0	0	35	78
	Panjgur	000	0	0	31	03	98	00	0	512	74	0	0	9	0	0	36	74
Afghanistan	Kabul	000	0	0	27	02	99	00	0	563	63	0	0	9	0	0	51	65
	Kandahar																	

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

Stations	Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum Temperature °F TnTn	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 (to date)	Annual normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	040	9	8	09	02	95	61	6	085	72	7	4	6	2	x	71	70	— 3	— 1	121.1	+ 4.7	136.9	140
Chittagong	087	9	8	02	05	95	61	6	106	71	8	1	3	x	x	70	70	— 4	— 1	97.8	+13.7	129.9	108
Maijdee Court	198	9	8	36	02	94	61	6	089	71	8	7	5	x	x	70	71	— 1	+ 1	106.9	+14.7	138.8	115
Comilla																		+ 2					94
Brahmanbaria	017	2	7	09	05	99	60	6	123	74	7	5	5	0	0	xx	72	—	—	56.1	+ 1.7	82.1	76
Sylhet	079	7	8	09	02	95	61	9	124	71	4	5	5	2	x	70	67	—	—	152.6	—	190.6	—
Srimangal	027	6	8	00	00	96	60	6	122	71	8	5	4	x	x	69	70	0	+ 3	75.0	+ 9.4	106.9	98
Mymensingh	038	4	8	13	02	95	60	6	177	70	8	7	4	x	x	69	69	0	— 1	90.7	+21.4	112.9	91
Narayanganj	046	9	8	09	03	95	61	6	115	73	8	7	5	x	x	71	73	0	+ 3	79.7	+10.4	101.0	74
Dacca (Tezgaon)	023	9	8	09	05	97	61	9	109	73	4	7	3	2	x	71	72	—	—	85.6	—	101.2	—
Faridpur	023	9	8	11	02	95	01	6	113	74	8	5	6	x	x	73	71	— 2	0	86.4	+34.8	114.7	71
Barisal	246	9	8	09	16	97	63	6	094	73	8	7	5	x	x	70	72	0	+ 3	121.9	+70.3	136.7	81
Khulna	088	3	8	00	00	95	03	9	091	72	6	5	5	3	x	71	72	+ 6	+ 2	78.5	+25.8	99.4	68
Satkhira	030	8	8	09	09	99	63	6	095	73	8	0	9	7	x	70	72	— 9					65
Jessore	029	3	8	09	03	97	60	6	108	73	8	7	5	x	x	71	72	— 5	+ 2	68.2	+20.0	104.2	65
Sirajganj	025	3	8	13	03	96	61	5	114	73	5	7	4	2	x	72	73	+ 1	0	83.7	+28.5	108.5	64
Bogra	000	3	8	00	00	96	02	2	096	74	8	4	7	x	x	73	72	0	+ 4	84.3	+29.1	104.4	69
Dinajpur	000	0	6	09	02	96	03	2	xxx	75	8	6	6	x	x	73	72		+ 5	49.5	—12.0	66.9	72
Rangpur																		0	+ 5	72.5	+ 5.1	92.4	84
Jammu																							—
Lahore (Jail Rd.)	009	0	0	00	00	96	01	0	139	63	0	9	9	0	0	61	59	—13	+ 6	27.2	+ 7.5	26.0	19
Sialkot	015	0	0	00	00	98	00	0	125	67	0	0	9	0	0	62	60	—12	+ 4	52.8	+29.0	58.7	32
Jhelum	011	9	1	31	02	97	01	5	136	61	1	0	9	3	0	57	58	—	—	39.7	—	50.0	—
Rawalpindi	030	9	0	00	00	99	00	0	150	57	0	0	9	0	0	54	52	— 9	+ 1	39.2	+15.2	52.3	36
Khushab	000	0	0	00	00	99	00	0	131	63	0	0	9	0	0	60	61	—17	+ 3	16.9	+ 6.6	25.4	15
Lyallpur	000	0	0	00	00	95	00	0	138	61	0	0	9	0	0	59	64	—13	+ 9	15.5	+ 6.2	18.2	12
Montgomery	000	0	0	00	00	96	00	0	145	66	0	0	9	0	0	61	64	—13	+ 7	6.1	— 1.5	8.4	10
Multan	000	0	0	00	00	96	05	0	145	66	0	0	9	0	0	61	62	—12	+ 5	5.9	+ 0.9	8.0	7
Leiah	000	0	0	36	01	95	10	0	139	61	0	0	9	0	0	59	58	—	—	5.0	—	6.9	8
Khanpur	000	0	0	02	02	96	02	0	147	65	0	0	9	0	0	63	62	—10	+ 5	0.5	— 4.2	1.3	6
Bahawalpur	000	0	0	00	00	97	00	0	139	70	0	0	9	0	0	63	61	—13	+ 5	5.5	+ 1.4	6.5	4
Fort Abbas	000	0	0	05	05	98	00	0	155	71	0	0	9	0	0	62	66	—	—	8.9	—	9.2	4
Chakdara																		—	—				—
Peshawar	000	0	0	00	00	98	02	0	151	60	0	0	9	0	0	51	56	— 6	+ 1	9.7	— 5.0	23.5	14
Haripur	017	7	0	05	02	97	02	0	123	51	0	0	9	0	0	52	62	—	—	21.3	—	32.1	—
Campbellpur	000	0	0	00	00	98	00	0	169	58	0	0	9	0	0	58	54	—	—	22.0	—	35.9	—
Bannu	000	0	0	00	00	99	00	0	135	63	0	0	9	0	0	59	58	—	—	9.8	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	141	64	0	0	9	0	0	60	60	—13	+ 5	11.1	+ 5.6	14.9	10
Sibi	000	0	0	05	02	99	00	0	147	67	0	0	9	0	0	57	66	—	—	4.9	—	5.2	5
Nokkundi	000	0	0	11	02	97	02	0	180	57	0	0	9	0	0	19	52	—	—	0	—	1.1	2
Turbat	000	0	0	09	02	95	00	0	135	67	0	0	9	0	0	43	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	0	00	00	96	05	0	126	73	0	0	9	0	0	70	71	—	—	0.3	—	5.9	4
Pasni	000	0	0	29	01	97	00	0	123	71	0	0	9	0	0	65	67	— 1	+ 2	0.6	— 0.3	3.2	6
Ormara	000	0	4	00	00	98	01	1	125	74	4	0	9	2	0	71	73	—	—	2.1	+ 1.3	4.1	6
Las Bela	000	0	0	00	00	98	00	0	131	77	0	0	9	0	0	58	72	—	—	6.6	—	6.8	8
Karachi (Manora)	000	0	0	05	06	95	05	0	124	77	0	0	9	0	0	45	73	+ 4	+ 4	16.5	+10.4	16.5	8
Karachi (Air Port)	000	0	0	36	03	96	06	0	125	76	0	0	9	0	0	58	71	—	—	22.4	—	22.9	—
Badin	000	0	0	23	02	96	00	0	136	75	0	0	9	0	0	72	70	—	—	11.2	+ 4.0	11.2	9
Nagarparkar	000	0	0	00	00	98	00	0	136	84	0	0	9	0	0	67	80	—	—	30.5	—	30.5	—
Umarkot	000	0	0	02	05	98	00	0	111	69	0	0	9	0	0	59	66	—	—	19.5	—	20.3	—
Hyderabad	000	0	0	36	05	97	02	0	129	73	0	0	9	0	0	60	71	— 1	+ 5	14.6	+ 8.6	15.4	7
Pad-i-dan	000	0	1	31	03	97	01	0	139	70	1	0	9	3	0	59	69	—	—	7.3	—	7.5	—
Nawabshah	000	0	3	27	03	96	03	0	143	72	3	0	9	3	0	59	64	—	—	6.4	—	7.1	—
Sukkur	000	0	0	16	03	96	00	0	136	61	0	0	9	0	0	59	66	—	—	3.5	—	4.6	4
Kashmore	000	0	0	05	07	99	00	0	140	72	0	0	9	0	0	59	65	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	00	00	96	02	0	145	70	0	0	9	0	0	58	66	— 6	+ 7	3.8	+ 1.7	4.5	4
Veraval																							28
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu	..	..	..	..	..	..	—	..	—	—	—	—	..	—	..	—	..	—					6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	050	9	1	13	05	98	01	1	516	47	1	0	9	8	0	39	41	—	—	53.2	+16.0	78.4	59
Drosh	000	0	0	00	00	98	02	0	525	51	0	0	9	0	0	39	51	—	—	1.5	—	30.7	18
Cherat	057	0	0	36	09	99	00	0	540	56	0	0	9	0	0	51	55	—	—	21.4	+ 8.9	31.4	29
Kakul	037	9	0	34	03	98	02	1	507	54	0	0	9	0	0	44	48	—	—	50.3	—	55.0	—
Landi Kotal	001	0	0	00	00	98	00	0	508	57	0	0	9	0	0	47	xx	—	—	3.8	—	18.9	—
Parachinar	000	0	0	00	00	99	00	0	801	48	0	0	9	0	0	39	xx	—	—	14.3	—	28.3	29
Miranshah	000	0	0	00	00	99	00	0	490	58	0	0	9	0	0	49	52	—	—	4.0	— 0.8	7.0	13
Wana	000	0	0	00	00	99	00	0	488	50	0	0	9	0	0	42	44	—	—				—
Fort Sandeman	002	0	0	00	00	97	02	0	513	56	0	0	9	0	0	49	50	— 8	0	7.2	+ 2.1	16.0	11
Hindubagh	000	0	0	31	04	96	00	0	477	52	0	0	9	0	0	40	51	—	—	4.6	—	12.6	—
Loralai	000	0	0	23	02	98	00	0	352	48	0	0	9	0	0	28	45	—	—	7.1	—	13.0	—
Harnai	015	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.6	+ 0.9	12.8	14
Quetta	000	0	0	00	00	93	00	0	518	54	0	0	9	0	0	35	37	—	—	4.7	+ 3.5	10.2	8
Chaman	000	0	0	09	02	97	00	0	533	54	0	0	9	0	0	32	51	— 3	+ 2	0.1	— 0.2	6.2	7
Kalat	000	0	0	16	09	96	07	0	530	48	0	0	9	0	0	33	39	0	+ 4	6.3	+ 5.0	11.0	9
Nushki	000	0	0	09	11	97	02	0	588	63	0	0	9	0	0	42	57	—	—	1.1	—	2.9	—
Dalbandin	000	0	0	05	02	94	05	0	509	55	0	0	9	0	0	30	52	— 7	+ 4	0.2	— 0.1	2.2	5
Panjgur	000	0	0	05	02	98	00	0	571	58	0	0	9	0	0	34	53	—10	0	2.5	—	4.1	4
Kabul	000	0	0	18	02	99	00	0	555	50	0	0	9	0	0	39	33	—	—	—	—	—	12
Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 29th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	0 TsTs TdTd	Idwdw PwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erasi	43 198	586 00	2 00 00	98 02 0	076 77	21 5 00	15 40 0	...	0 08 77	1 00 x0
Toamaru	43 212	629 00	0 04 15	98 02 0	100 81	00 9 00	34 40 0	...	0 74 xx	
Oxford Shire	43 213	543 00	0 09 15	98 02 0	107 78	00 9 00	26 71 3	...	0 52 74	1 49 x2
Santhia	43 247	646 00	0 99 01	99 02 0	105 82	00 9 00	65 30 2	...	0 53 75	1 27 21
Kioow	43 094	658 06	3 35 07	98 02 1	112 82	22 3 01	26 11 0	...	0 00 70	1 35 21
Junon	43 172	557 06	1 22 02	99 02 0	067 82	12 4 00	55 11 1	...	0 02 75	1 00 x0
Toamaru	43 218	630 06	1 00 00	97 02 0	140 81	11 5 00	34 40 0	...	0 00 xx	...
Berenice	43 159	533 06	3 23 10	98 02 0	130 84	00 9 03	56 21 0	.	0 06 77	1 23 21
Erasi	43 210	593 06	8 00 00	97 02 2	111 84	00 9 07	15 11 6	...	0 00 73	1 00 x0
Berenice	43 156	527 09	0 73 10	98 02 0	107 84	00 9 00	56 62 3	...	0 06 72	1 23 21
Ju on	43 166	544 12	1 18 06	98 02 0	030 87	14 4 00	55 61 5	...	0 04 79	1 18 21
Berenice	43 152	520 12	0 23 08	98 02 0	090 86	00 9 00	56 61 7	...	0 09 79	1 23 21
Toamaru	43 206	640 12	1 18 03	98 02 0	115 84	10 9 10	34 40 0	..	0 02 xx	
Santhia	43 250	631 12	0 27 02	98 05 0	097 81	00 9 00	55 61 0	...	0 51 75	1 27 20
Erasi	43 221	599 12	0 00 00	97 02 0	075 82	03 9 00	15 61 3	...	0 52 77	1 00 x0
Berenice	43 148	513 15	0 23 10	98 02 0	105 82	00 9 00	56 21 5	...	0 00 75	1 23 x1
Santhia	43 248	661 18	1 19 05	99 03 0	107 82	11 4 00	65 21 0	..	0 00 xx	1 18 22
Dumra	43 235	675 18	0 00 00	99 02 0	114 82	00 9 00	35 40 0	...	0 53 70	1 00 x0
Erati	43 232	592 18	0 00 00	97 02 0	097 81	00 9 00	75 10 7	.	0 56 73	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	010 248 215	096 212 192	...	470 142 128	...	106 048 022	351 505 512	792 562 572	511 648 465	963 795	239 020		...
Ishurdi														
Karachi	00 00	009 225 162	089 182 999	...	420 148 999	..	095 060 999	336 522 999	761 602 999	445 708 999	951 848	211 040	401 168	...
Lahore	0J 00		Misds	..	..	..						...	...	...
Multan														
Peshawar														
Quetta	23 00	971 155 108	..	...	480 132 065		091 038 528	325 542 582	637 648 725	400 738 999	945 868	219 988	406 030	...

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	980 168 152	800 118 095	610 002 505	350 715 999	..	...	..	...	...	350 715 999	...	..
Ishurdi													
Karachi	00 00				...	...		...	...	...	150 168 999	...	...
Lahore	00 00	..	Misds	..	...		...		...		..	...	...
Multan													
Peshawar													
Quetta	23 00	900 162 102	800 102 042	350 795 999	250 935 999	117 040 999	...	..	...	.	117 040 999	..	...

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Tt—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 600 hrs G.M.T. of date (dd ff)

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	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	07 02	12 04	14 07	12 06	19 07	04 05	...	...	...	No	Ascent	..	...	...	...	No	Assent	...	...		..	...	...	...	..	...
Chilas											23 01	07 05	09 09	09 14	...				...	...	...	..	...	...	...	...
Chitral	28 07	29 08	29 08	36 07	06 07	36 03	30 17	30 17	30 26	05 12	08 13	05 15	04 10	61 06	36 14	..	...	...	...	...	...	...	...	...	...	...
Chittagong	No	Ascent	...	...	..	...	(	...	..	No	Ascent	..	...	..	...	.	...		...	...	...	...	...		...	...
Cox's Bazar	No	Ascent		...			...	...	..	No	Ascent	.	...	...	...	No	Accent	..	..	...	...	...	...	..	...	...
Dacca	25 03	25 03	15 05	10 09	09 10	05 08	...	...	...	10 15	09 15	..				No	Ascent								...	...
Dalbandin	...	...	04 03	07 03	35 05	07 06	...	..		...	...	09 08	07 05	03 04	35 08	...	...	09 06	10 06	18 03	01 11	35 15	35 17	36 21	...	...
D. I. Khan		...	...					...		...	...	...				...	...	...		...						...
Drosh	...	...	...		22 09	21 10	17 09	12 04	02 03	...	...	...	23 04	23 08	25 07	..	...	...	...	06 04	36 04	11 08	27 09	27 09	25 12	23 17
Fort Sandeman				04 03	35 05	30 11	33 16	33 25	32 21	...	...		19 02	31 08	31 16				27 03	30 07	32 11	32 17	34 25	34 34	34 31	...
Jacobabad	16 05	12 05	09 04	07 03	19 06	22 08	31 15	32 21	31 24	09 22	12 12	11 04	13 02	30 09	35 11	02 03	35 03	27 04	25 05	33 03	28 08	34 19	34 21	33 19	...	...
Jessore	17 07	15 13	13 15	11 15	18 20	11 13	...	...	...	No	Ascent					No	Ascent									
Jhelum	31 09	08 05	09 05	16 13	16 17	15 13	...	...	...	32 09	31 07	35 04	12 08	10 19	13 22	32 03	05 95	08 05	12 11	11 21	11 17	01 15	34 08	33 07	29 19	30 27
Jiwani	No	Ascent								No	Ascent					No	Ascent									...
Karachi	17 09	16 07	10 07	04 11	06 09	03 03	33 16	34 20	33 29	08 19	08 14	11 05	08 04	18 06	04 08	03 09	06 09	08 08	36 03	08 02	06 17	05 06	05 09	05 08	..	..
Khanpur	03 19	04 19	05 17	05 17	06 13	...	..	...	...	04 21	02 15	36 05	11 10	30 19	28 13	05 07	31 07	31 07	32 08	32 05	31 03	33 17	33 16			
Lahore	11 02	20 04	21 07	19 04	17 01				..	31 03	24 02	24 07	24 11	24 11	21 08	29 02	20 03	19 06	22 15	21 14	24 13	25 11	28 14	28 14	28 17	28 26
Multan	01 10	01 18	01 14	35 10	31 13	25 15	26 21	29 27	...	01 07	03 10	01 07	29 12	31 12	33 10	02 04	02 06	02 06	31 08	32 13	30 09	33 15	32 20	33 36	32 33	...
Mianwali	...	...	...	...	..	...	...	...	...	...	...		...	...		...	...	...			...	...	...	...	...	...
Panjgur	.	...	..		.	.		...	...	...																...
Peshawar	...			...				...	...	.	32 08	33 05	34 05	06 05	09 07	...	16 01	28 01	34 07	07 02	10 11	01 19	01 15	34 18	...	..
Quetta	...	...	...	...	31 11	24 04	35 17	...	...	..	...	...	...	27 04	36 07	...	...	...	...	29 03	01 13	35 19	36 27	34 26		...
Ske-jeh								...	...		...	...	...		...		...	..	...					...	...	...
Sylhet	15 04	18 03	14 06	12 05	17 03	15 04	25 03	...	...	No	Ascent		...	...	..	No	Ascent	...	...	..	...	...	..	...	...	..
Veraval	...	..	...	...			...	...	...	...	..				...	...	...		...			...	...	...		

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

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

Height in g. p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	11 13	10 17	10 18	12 18	10 27	11 15	19 32	21 40	22 42	22 62	24 49	24 74	25 68			...	...	...
Karachi	95 18	05 17	10 11	10 05	09 06	02 07	34 16	31 29	31 29	31 45	31 51	29 51	29 32	28 53	28 55	...	...	
Peshawar	Misds	...	...	...			...	.	...	...	...			...		...	...	
Quetta																		

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

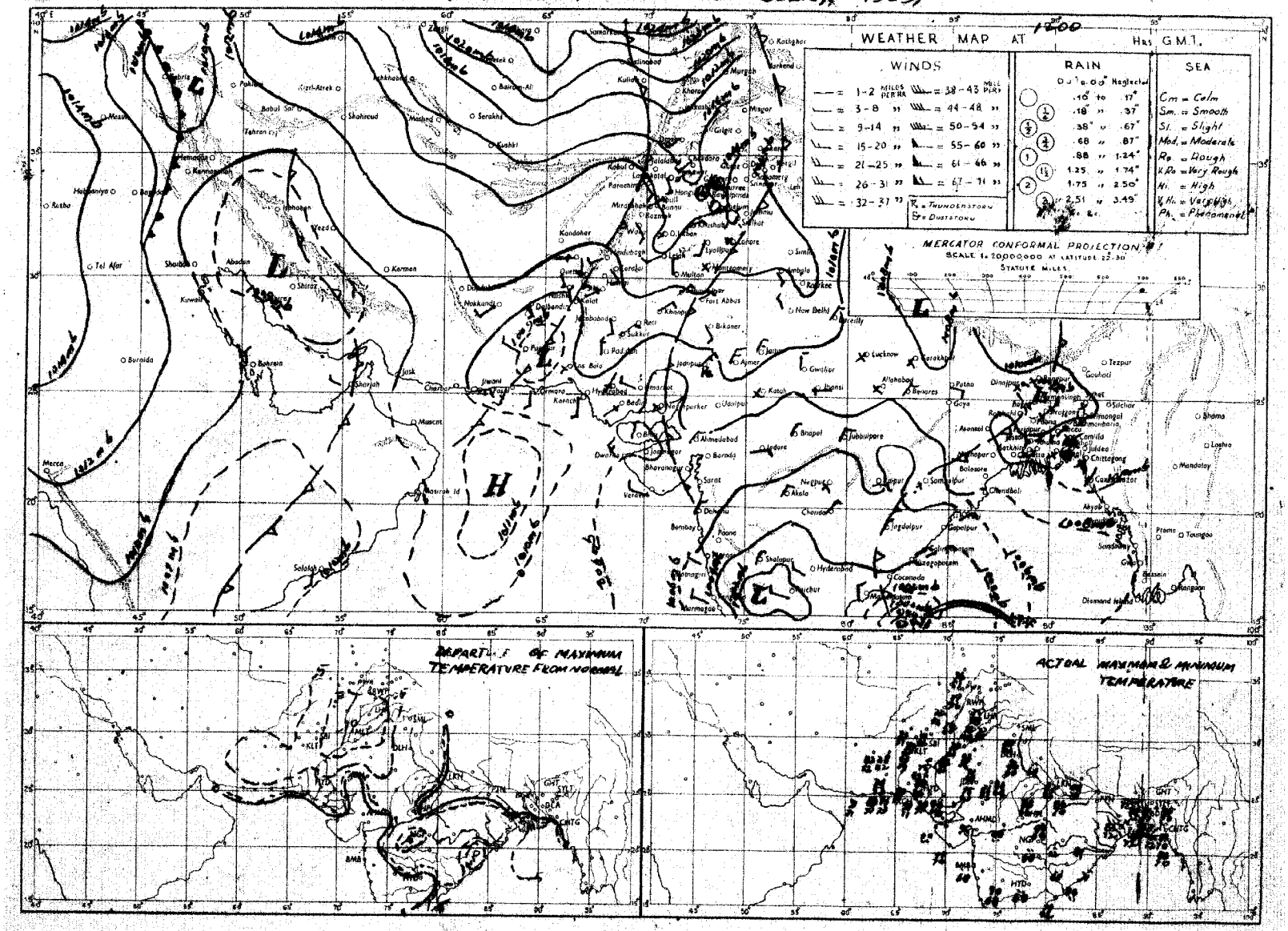
Cloud observation Data (GGiii Cdd V,V, etc.)

11675 32821

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, 28th OCTOBER, 1959.



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

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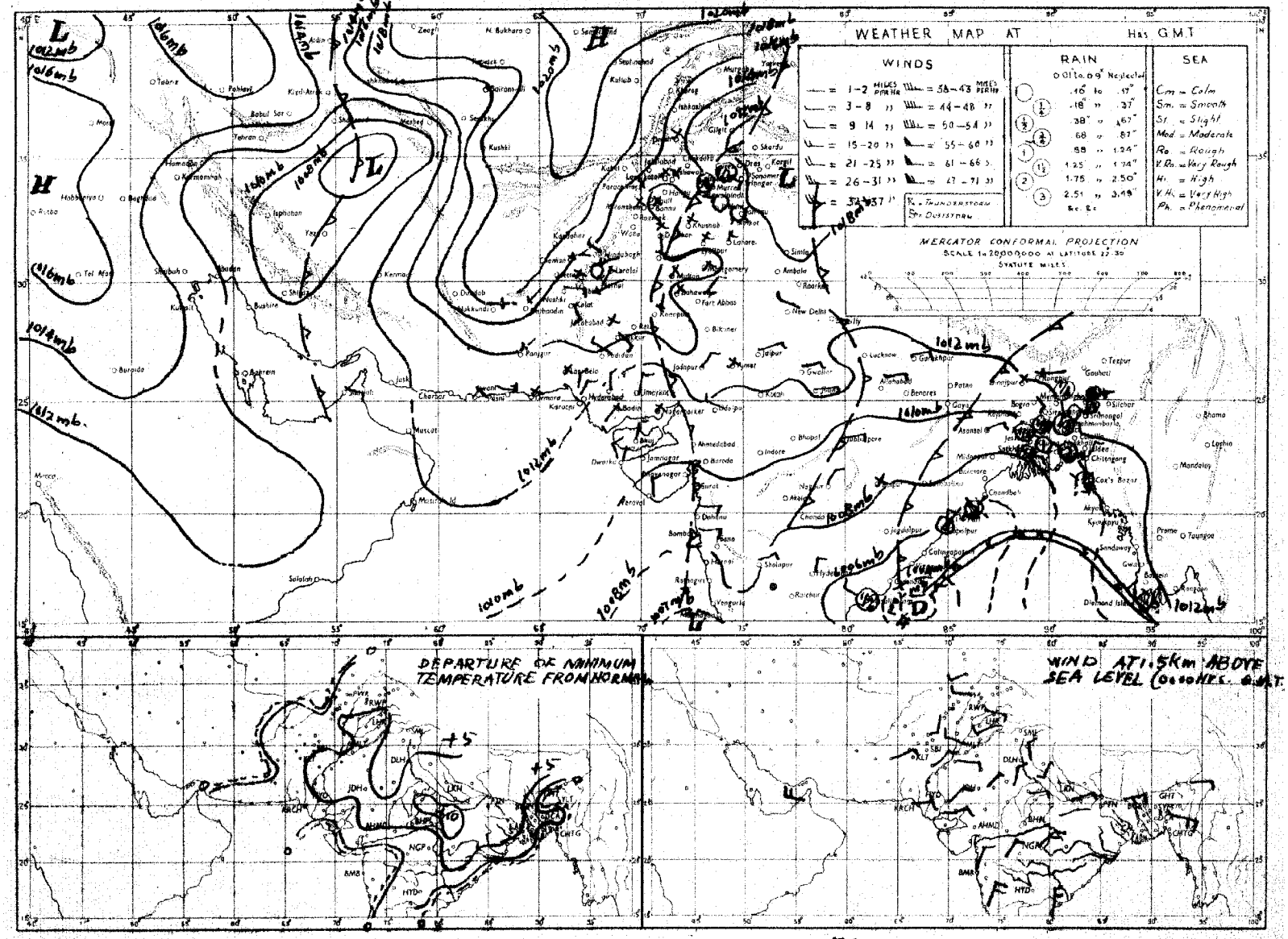
PAKISTAN DAILY WEATHER MAP

THURSDAY 29th OCTOBER, 1953.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 30th OCTOBER, 1959.

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

Yesterday's deep depression in west central Bay of Bengal moved rapidly northeastwards. Crossed Chittagong coast, weakened into a depression and is centered at 30, 0300 G.M.T. about 30 miles south of Srimangal It is likely to weaken further and move away northeastwards.

Widespread rain with scattered thundershowers have occurred in Chittagong and Dacca divisions and local rain in Rajshahi division. Heavy rainfall has been reported from Chittagong division and moderate to heavy from Dacca and Rajshahi divisions.

A Western disturbance is moving across north of Afghanistan with its trough extending to D. I. Khan division.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:- Chittagong 12", Maijdee Court 7", Comilla 5", Barisal 4", Brahmanbaria, Sylhet, Narayanganj and Khulna 3" each. Srimangal, Dacca, Faridpur and Satkhira 2" each, Jessore 1½", Cox's Bazar, (till 29, 1200) ½". Mymensingh and Sirajganj 1/4" each.

Day temperatures were 9—14 °F below normal in East Pakistan and Lahore division and were 3—8 °F so elsewhere over West Pakistan outside Quetta division.

Forecast valid until the evening of 31st October, 1959 Rain/thundershowers will be fairly widespread in Dacca and Chittagong divisions and local in Rajshahi division. Scattered thunderstorms/showers may also occur in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 30th October, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	041	2	8	13	21	94	96	9	028	76	6	7	6	x	x	73	78
	Chittagong	394	8	8	00	00	xx	17	9	039	71	8	3	3	x	x	71	71
	Maijdee Court	000	x	9	36	05	xx	61	6	063	71	9	x	0	x	x	69	85
	Comilla	095	1	0	00	00	96	63	6	045	70	8	4	5	x	x	70	73
	Brahmanbaria	126	9	0	09	05	xx	61	6	042	72	0	8	7	x	x	71	87
	Sylhet	051	9	8	09	09	xx	61	6	071	69	7	7	2	1	x	60	73
	Srimangal	116	8	8	05	03	xx	61	6	065	69	8	5	3	x	x	67	75
Dacca	Mymensingh	028	8	8	13	02	95	60	6	074	70	8	7	3	x	x	69	73
	Narayanganj	206	9	8	09	05	xx	63	6	047	71	8	7	4	x	x	69	73
	Dacca (Tezgaon)	163	9	8	07	10	96	61	6	047	69	7	7	2	2	x	67	73
	Faridpur	174	8	8	07	16	94	61	6	056	68	8	7	5	x	x	68	73
	Barisal	312	5	6	00	00	96	62	6	044	72	8	0	9	6	0	71	72
Rajshahi	Khulna	295	6	8	13	09	xx	03	6	059	71	8	4	4	x	x	xx	72
	Satkhira	200	9	8	05	07	94	02	6	018	70	8	7	6	x	x	69	72
	Jessore	160	9	8	09	05	95	00	6	055	70	8	8	5	x	x	69	72
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	008	3	8	09	07	xx	51	6	057	71	4	7	4	2	x	68	73
	Dinajpur	000	0	0	00	00	xx	00	0	075	xx	0	0	9	0	0	71	34
	Rangpur	000	0	8	00	00	96	03	2	xxx	74	8	7	7	x	x	6?	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	02	0	097	73	2	1	7	0	0	58	77
	Sialkot	000	0	0	00	00	97	00	0	087	74	0	0	9	0	0	63	80
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	091	75	1	1	7	0	0	58	83
	Rawalpindi	000	0	0	27	02	99	00	0	093	73	0	0	9	0	0	57	79
	Khushab	000	0	0	00	00	99	00	0	090	78	0	0	9	0	0	58	82
Multan	Lyallpur	000	0	6	29	02	96	02	0	091	75	6	0	9	5	0	58	76
	Montgomery	000	0	0	00	00	96	00	0	097	73	0	0	9	0	0	63	77
	Multan	000	0	0	31	02	97	02	0	114	80	0	0	9	0	0	59	82
Bahawalpur	Leiah	000	0	2	36	02	98	00	1	117	87	2	7	7	0	0	61	87
	Khanpur	000	0	0	00	00	96	02	0	093	82	0	0	9	0	0	66	85
	Bahawalpur	000	0	0	00	00	97	00	0	101	81	0	0	9	0	0	61	83
	Fort Abbas	000	0	0	34	02	98	00	0	087	80	0	0	9	0	0	71	85
Peshawar	Chakdara	000	0	0	27	02	98	00	0	094	77	0	0	9	0	0	48	79
	Peshawar	000	0	1	09	02	97	02	0	077	79	1	1	6	0	0	54	72
	Haripur	000	0	0	23	02	97	00	0	081	65	0	0	9	0	0	51	78
	Campbellpur	000	0	0	36	02	98	00	0	097	77	0	0	9	0	0	61	79
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	084	77	0	0	9	0	0	54	82
	D. I. Khan	000	0	0	00	00	98	00	0	093	80	0	0	9	0	0	63	83
Quetta	Sibi	000	0	0	23	02	99	00	0	095	86	0	0	9	0	0	56	87
Kalat	Nokkundi	000	0	0	11	02	98	02	0	088	81	0	0	9	0	0	23	83
	Turbat	000	0	0	09	02	98	00	0	097	94	0	0	9	0	0	54	96
	Jiwani	000	0	0	20	69	97	00	0	098	83	0	0	9	0	0	74	87
	Pasni	000	0	4	23	03	98	01	1	091	85		2	7	0	0	67	88
	Ormara	..	...	...	...	..	...	...	...	...	—	..	—	...	...	...	—	—
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	29	12	95	05	0	083	85	0	0	9	0	0	70	90
	Karachi (Air Port)	0.0	0	0	23	07	96	06	0	083	88	0	0	9	0	0	59	93
	Badin	000	0	0	23	02	97	00	0	094	90	0	0	9	0	0	61	92
	Nagarparker	000	0	0	00	00	98	00	0	069	93	0	0	9	0	0	65	94
	Umarkot	000	0	0	34	05	98	00	0	073	90	0	0	9	0	0	57	91
	Hyderabad	000	0	0	36	02	97	02	0	092	85	0	0	9	0	0	63	89
Khairpur	Pad-i-dan	000	0	0	36	02	97	02	0	095	85	0	0	9	0	0	57	87
	Nawabshah	000	0	0	00	00	97	02	0	099	87	0	0	9	0	0	60	83
	Sukkur	000	0	0	36	02	96	00	0	092	83	0	0	9	0	0	60	86
	Kashmore	000	0	0	18	03	99	00	0	085	85	0	0	9	0	0	44	82
	Jacobabad	000	0	0	13	07	96	02	0	094	84	0	0	9	0	0	59	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	0	31	02	98	00	1	487	53	0	0	9	0	0	43	38
Peshawar	Drosh	000	0	2	23	07	97	01	0	464	49	0	1	7	0	0	46	80
	Cherat	000	0	0	36	02	98	00	0	492	63	0	0	9	0	0	56	67
	Kakul	000	8	1	16	05	98	01	1	488	64	1	2	6	0	0	51	72
	Landi Kotal	000	0	0	00	00	99	00	0	481	70	0	0	9	0	0	44	73
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	800	64	0	0	9	0	0	xx	xx
	Miranshah	000	0	0	05	02	99	00	0	488	72	0	0	9	0	0	38	76
	Wana	000	0	5	13	03	97	00	6	493	67	0	0	9	0	0	39	70
	Fort Sandeman	000	0	0	00	00	98	00	0	486	72	0	0	9	0	0	50	75
Quetta	Hindubagh	000	0	0	25	09	96	00	0	454	69	0	0	9	0	0	39	73
	Loralai	000	0	0	00	00	98	00	0	385	70	0	0	9	0	0	42	73
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	92	00	0	498	67	0	0	9	0	0	36	69
	Chaman	000	0	0	27	02	97	00	0	492	72	0	0	9	0	0	49	74
Kalat	Kalat	000	0	0	31	12	97	00	0	494	62	0	0	9	0	0	27	67
	Nushki	000	0	0	34	02	98	02	0	585	78	0	0	9	0	0	43	89
	Dalbandin	000	0	0	00	00	94	02	0	508	80	0	0	9	0	0	30	91
	Panjgur	000	0	0	23	05	96	00	0	503	78	0	0	9	0	0	33	78
Afghanistan	Kabul	000	0	0	32	02	99	00	0	570	43	0	0	9	0	0	80	65
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar															0			— 8					140
Chittagong	999	9	7	25	09	97	02	9	054	75	7	4	5	0	x	73	70	— 14	— 1	110.0	+25.5	142.0	108
Maijdee Court	685	9	8	27	09	96	01	6	064	74	5	5	6	2	x	69	68	0	— 2	113.8	+21.3	145.6	115
Comilla	512	9	8	00	00	96	02	6	044	72	8	4	5	x	x	71	70	— 13	0	81.6	+11.7	107.8	94
Brahmanbaria	311	2	8	05	05	95	52	6	^48	70	8	7	5	x	x	69	65	—	—	59.2	+ 4.8	85.2	76
Sylhet	327	9	8	09	09	96	51	6	041	70	5	7	4	2	x	67	65	—	—	155.9	—	193.9	—
Srimangal	250	9	8	05	05	95	51	6	040	70	6	5	3	2	x	69	67	— 13	0	77.5	+11.7	109.4	98
Mymensingh	035	9	6	13	02	98	02	6	057	72	6	4	6	0	0	67	65	— 12	— 5	91.1	+21.7	113.2	91
Narayanganj	292	9	8	13	01	95	51	5	048	70	8	7	3	x	x	69	73	— 13	+ 1	82.6	+29.1	103.9	74
Dacca (Tezgaon)	241	9	8	36	03	96	51	6	048	70	7	7	1	2	x	69	68	—	—	88.0	—	103.6	—
Faridpur	193	9	8	34	03	96	03	2	048	73	6	5	6	1	0	68	70	— 11	— 1	88.3	+36.7	116.6	71
Barisal	380	9	8	09	00	96	61	6	055	71	8	0	9	9	0	69	69	— 13	— 2	125.7	+63.3	144.5	81
Khulna	295	0	6	00	00	96	03	2	064	73	6	4	6	0	0	70	69	— 13	— 1	81.4	+28.7	102.3	68
Satkhira	200	0	7	00	00	97	03	2	063	72	7	7	7	0	0	70	69	— 15	+ 1	64.0	+13.5	82.1	65
Jessore	162	9	7	36	03	97	03	6	058	75	5	4	5	6	0	69	69	— 14	— 1	69.9	+21.4	105.8	65
Sirajganj	022	9	5	00	00	97	03	1	041	77	4	1	9	0	4	74	68		— 1	83.9	+34.1	108.7	64
Bogra	007	9	2	05	03	96	61	1	052	73	0	0	9	0	1	66	67	— 12	— 2	84.4	+29.3	104.5	69
Dinajpur	000	0	0	00	00	96	00	8	094	76	0	0	9	0	0	63	66	— 1	— 1	49.5	— 11.0	66.9	72
Rangpur	000	0	1	09	09	96	02	0	xxx	74	1	5	6	0	0	71	67	+ 8	0	72.5	+ 5.0	92.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	104	63	0	0	9	0	0	61	59	— 13	+ 6	22.2	+ 7.5	26.0	19
Sialkot	000	0	0	00	00	96	00	0	112	69	0	0	9	0	0	56	61	— 8	+ 5	52.8	+29.0	58.7	32
Jhelum	000	0	0	00	00	94	10	0	105	63	0	0	9	0	0	59	57	—	—	39.7	—	50.0	—
Rawalpindi	000	0	0	02	02	99	00	0	118	57	0	0	9	0	0	55	52	— 6	+ 1	39.2	+15.2	52.3	36
Khushab	000	0	0	00	00	99	00	0	113	63	0	0	9	0	0	58	60	— 8	+ 3	16.9	+ 6.6	25.4	15
Lyallpur	000	0	0	00	00	95	00	0	107	60	0	0	9	0	0	59	59	— 12	+ 3	15.5	+ 6.1	18.2	12
Montgomery	000	0	0	00	00	96	00	0	098	62	0	0	9	0	0	55	58	— 14	+ 1	6.1	— 1.5	8.4	10
Multan	000	0	0	00	00	96	05	0	094	69	0	0	9	0	0	59	63	— 8	+ 6	5.9	+ 0.9	8.0	7
Leiah	000	0	0	00	00	97	04	0	096	64	0	0	9	0	0	57	58	—	—	5.0	—	6.9	8
Khanpur	000	0	0	18	02	96	02	0	099	68	0	0	9	0	0	61	63	— 7	+ 6	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	00	00	97	00	0	093	71	0	0	9	0	0	60	60	— 8	+ 4	5.5	+ 1.2	6.5	6
Fort Abbas	000	0	0	20	03	98	00	0	108	71	0	0	9	0	0	60	65	—	—	8.9		9.2	4
Chakdara	000	0	0	13	03	97	00	0	101	55	0	0	9	0	0	47	51	—	—	11.0	—	26.5	—
Peshawar	000	0	0	00	00	96	05	0	120	59	0	0	9	0	0	52	55	— 6	0	9.7	+ 5.0	23.5	14
Haripur	000	0	0	05	02	97	00	0	088	63	0	0	9	0	0	51	61	—	—	21.3	—	32.1	—
Campbellpur	000	0	0	13	02	98	00	0	138	59	0	0	9	0	0	55	53	—	—	22.0	—	35.9	—
Bannu	000	0	0	00	00	99	00	0	106	62	0	0	9	0	0	54	56	—	—	9.6	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	101	61	0	0	9	0	0	58	58	— 6	+ 3	11.1	+ 5.6	14.9	10
Sibi	000	0	0	00	00	98	00	0	106	70	0	0	9	0	0	60	68	—	—	4.9	—	5.2	5
Nokkundi	000	0	0	02	02	97	02	0	115	60	0	0	9	0	0	29	54	—	—	0	—	1.1	2
Turbat	000	0	0	09	02	96	00		105	70	0	0	9	0	0	56	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	2	00	00	96	03	0	105	73	2	6	4	0	0	70	69	—	—	0.3	—	5.9	4
Pasni	000	0	0	29	02	97	00	0	102	70	0	0	9	0	0	68	67	— 3	+ 2	0.6	— 0.3	3.2	6
Ormara	000	0	0	00	00	98	00	0	102	75	0	0	9	0	0	70	70	—	—	2.1	+ 1.3	4.1	6
Las Bela	000	0	0	00	xx	98	00	0	098	76	0	0	9	0	0	53	68		—	6.6	—	6.8	8
Karachi (Manora)	000	0	0	00	00	95	05	0	099	78	0	0	9	0	0	72	75	+ 3	+ 4	16.5	+10.4	16.5	8
Karachi (Air Port)	000	0	3	00	00	96	06	0	105	74	3	0	9	3	0	66	70	—	—	22.6	—	22.9	—
Badin	000	0	0	23	02	96	00	0	104	75	0	0	9	0	0	70	69	—	—	11.2	+ 4.0	11.2	9
Nagarparker	000	0	0	00	00	98	00	0	091	83	0	0	9	0	0	68	79	—	—	30.5	—	30.5	—
Umarkot	000	0	0	07	03	98	00	0	095	74	0	0	9	0	0	53	64	—	—	19.5	—	20.3	—
Hyderabad	000	0	0	00	00	96	05	0	104	73	0	0	9	0	0	65	70	— 6	+ 4	14.6	+ 8.6	15.4	7
Pad-i-dan	000	0	0	00	00	96	02	0	101	71	0	0	9	0	0	59	63	—	—	7.3	—	7.5	—
Nawabshah																		—					—
Sukkur	000	0	0	00	00	96	00	0	103	70	0	0	9	0	0	60	67	—	—	3.5	—	4.6	4
Kashmore	000	0	0	xx	xx	99	0	0	097	76	0	0	9	0	0	57	62	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	11	05	96	02	0	107	71	0	0	9	0	0	61	68	— 7	+ 9	3.8	+ 1.3	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	000	0	0	29	09	98	00	0	489	48	0	0	9	0	0	33	42	—	—	53.2	+16.0	78.4	18
Drosh	000	0	0	00	00	98	02	0	497	52	0	0	9	0	0	42	51	—	—	1.5	—	30.7	29
Cherat	000	0	0	05	02	98	00	0	490	54	0	0	9	0	0	48	51	—	—	21.4	+ 8.9	31.4	—
Kakul	000	9	0	31	02	97	02	1	485	57	0	0	9	0	0	44	52	—	—	50.3	—	55.0	—
Landi Kotal	000	0	0	00	00	98	00	0	479	58	0	0	9	0	0	39	xx	—	—	3.8	—	18.9	29
Parachinar	000	0	0	00	00	99	00	0	798	50	0	0	9	0	0	xx	xx	—	—	14.2	—	28.1	13
Miranshah	000	0	0	00	00	99	00	0	463	58	0	0	9	0	0	47	52	—	—	4.0	— 0.8	7.0	—
Wana	000	0	0	00	00	98	00	6	478	49	0	0	9	0	0	33	48	—	—	5.1	—	14.1	11
Fort Sandeman	000	0	0	00	00	97	02	0	493	55	0	0	9	0	0	42	49	— 4	— 1	7.2	+ 2.1	16.0	—
Hindubagh	000	0	0	29	06	98	00	0	463	52	0	0	9	0	0	40	51	—	—	4.6	—	12.6	—
Loralai	000	0	0	27	02	98	00	0	379	47	0	0	9	0	0	31	44	—	—	7.1	..	13.0	14
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.6	+ 0.9	12.8	8
Quetta	000	0	0	00	00	93	00	0	488	50	0	0	9	0	0	33	35	—	—	4.7	+ 3.5	10.2	7
Chaman	000	0	0	09	02	97	00	0	478	56	0	0	9	0	0	27	51	— 2	+ 2	0.1	— 0.2	6.2	9
Kalat	000	0	0	16	10	97	00	0	533	45	0	0	9	0	0	33	37	— 2	+ 2	6.3	+ 5.0	11.0	—
Nushki	000	0	0	09	11	98	02	0	574	67	0	0	9	0	0	47	57	—	—	1.1	—	2.9	5
Dalbandin	000	0	0	00	00	95	05	0	467	51	0	0	9	0	0	23	47	+ 6	— 1	0.2	— 0.1	3.3	4
Panjgur	000	0	0	05	02	98	00	0	497	56	0	0	9	0	0	34	51	— 6	— 2	2.5	—	4.1	12
Kabul	000	0	0	18	00	99	00	0	569	31	0	0	9	0	0	38	34	—	—	—	—	—	—
Kandahar																							

[illegible] Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 30th OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_mC_H$	D_aV_a a PP	8 N, Ch, h_s	O T, T_s T_d T_d	$Id_ad_aPH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erai	53 354	575 06	3 11 06	97 03 0	110 90	31 4 00	73 21 6	—	0 07 79	1 11 20
Kalshimaru	53 166	691 12	3 36 18	98 02 0	060 84	00 9 08	35 49 0	—	0 02 77	1 36 22
Tanmaru	53 175	679 12	2 33 20	98 02 0	090 82	31 8 00	34 61 0	—	0 00 xx	..
Tosmaru	53 266	688 18	1 36 17	98 02 1	100 82	11 5 00	34 00 0	—	0 00 xx	
Calcamand	53 159	534 18	0 00 00	98 02 0	106 79	00 x 00	26 10 9	—	0 54 21	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{d}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{d}T^{d}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca	00 00	Miss	..	—	—	—	—	—	—	..	..	—	—	—
Hanai														
Karachi	00 00	006 212 182	071 228 175	—	480 215 162	..	125 042 022	381 025 999	832 555 999	547 670 999	964 838	239 025	421 125	646 276
Lahore	00 00	Miss	..	..	..	..	..	—	—	—	—	—	—	—
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{d}T^d									Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: SL.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca	00 00	Miss	—	..	..	—	—	—	—	—	—	—	..
Hanai													
Karachi	00 00	900 245 195	800 162 112	—	—	—	—	—	—	—	800 162 112	—	—
Lahore	00 00	Miss	—	—	—	..	—	—	—	—	..	—	—
Multan													
Peshawar													
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.)
D$_a$V$_a$—Depression of evaporation.

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
Sagra	No	Ascent	—	—	..	..	—	—	—
Chaklala									
Chhor	35 08	35 09	35 08	36 07	01 03	35 05	01 12	02 12	02 23
Chittagong	No	Ascent	—	—	..	—		—	..
Cox's Bazar	No	Ascent	..	—	—	.	..	—	..
Dacca	No	Ascent	—	—	—	—		—	—
Dalhousie	—	—	23 03	16 04	03 05	04 10	35 13	35 12	01 21
D. I. Khan	..	—	—						
Drosh	—	—	—	—	22 19	21 17	20 13	19 12	16 06
Port Sandeman	—	—	—	01 03	02 07	31 07	29 17	32 14	34 25
Jacobabad	15 04	17 03	19 01	31 04	28 09	26 13	32 16	33 13	35 22
Jassard	No	Ascent							
Jhelum	18 01	04 02	35 02	07 09	08 15	09 17	06 18	03 17	35 21
Jiwani	No	Ascent							
Karachi	35 09	30 06	35 06	01 07	01 06	01 09	01 14	36 17	34 25
Khanewal	34 02	34 03	32 05	33 04	32 07	33 17	33 16	32 16	31 22
Lahore	28 06	24 05	28 04	23 10	23 13	25 16	26 17	33 14	32 10
Multan	07 03	34 03	33 04	31 12	28 15	30 17	31 17	32 27	32 26
Mianwali	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—		—	—
Quetta	—	—	—	—	31 12	27 06	33 10	35 14	30 17
Sharjah									
Sylhet	No	Ascent	..	—	.	—	—	—	—
Varuna	—	—	—	—	—	—	—	—	—

Height in Kms. a.s.l.	A 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	07 07	07 07	05 09	01 23	35 19	29 12
Chaklala	—	—	—	—	—	—
Chhor	10 09	10 07	11 03	29 04	35 08	03 09
Chittagong	26 17	—	.	—	—	—
Cox's Bazar	No	Ascent		—	—	—
Dacca	No	Ascent		—	—	—
Dalhousie	—	—	09 03	15 05	26 03	31 12
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	22 06	23 08	22 08
Port Sandeman	—	—	—	15 01	32 05	32 08
Jacobabad	09 06	26 03	23 [illegible]	22 12	24 13	32 07
Jassard	33 16	34 18	31 [illegible]			
Jhelum	01 04	31 07	23 04	34 07	02 04	02 11
Jiwani	No	Ascent				
Karachi	31 08	31 04	16 [illegible]	05 03	04 02	35 07
Khanewal	13 04	25 04	31 [illegible]	34 01	29 04	29 08
Lahore	01 08	02 05	26 07	12 10	07 12	—
Multan	24 06	25 06	27 06	16 07	32 11	34 13
Mianwali	—	—	—	—	—	—
Peshawar	—	—	—	..	—	—
Quetta	..	—	—	—	—	—
Sharjah	—	—	—	—	—	—
Sylhet	No	Ascent	—	—	—	—
Varuna	—	—	—	—	—	—

Height in Kms. a.s.l.	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Sagra	29 06	26 03	28 04	—	—	..	..	—	—	..	—
Chaklala	—	—	—	—	—	—	..	—	—	—	..
Chhor	25 13	—	—	—	—	—	—	—	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	..	—	..	..	—	—
Dacca	35 12	36 13	34 09	33 17							
Dalhousie	—	—	14 03	18 06	21 07	28 05	31 07	24 14	23 23	23 24	27 23
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	04 04	02 04	36 09	01 07	35 09	34 12	33 13
Port Sandeman	—	—	—	22 02	27 06	26 01	33 07	30 10	31 18	30 21	27 36
Jacobabad	16 04	19 03	21 04	24 10	28 09	06 05	33 04	34 10	32 14	29 19	26 35
Jassard											
Jhelum	26 02	32 04	32 04	34 08	33 07	36 05	35 05	32 09	32 11	32 12	—
Jiwani	No	Ascent									
Karachi	22 03	26 05	25 05	18 03	11 02	35 02	01 14	02 09	29 17	26 25	26 29
Khanewal	17 10	23 1	26 10	27 19	27 16	30 36	32 06	31 06	32 09	31 11	
Lahore	35 04	01 05	04 07	06 09	07 09	36 07	02 09	32 09	29 17	29 20	28 32
Multan	16 02	18 03	18 03	23 05	28 09	35 08	..	—	—	—	—
Mianwali	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	..	—	—	—	—	—	—
Quetta	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	No	Ascent	—	—	..	—	—	—	—	—	—
Varuna	—	—	—	—	—	—	—	—	—	—	—

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. a.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	Miss																	
Karachi	31 15	14 10	08 07	02 05	35 03	01 03	01 05	35 06	32 09	29 15	27 37	27 58	26 64	26 78	26 81	26 79	26 69	
Peshawar	Miss																	
Quetta																		

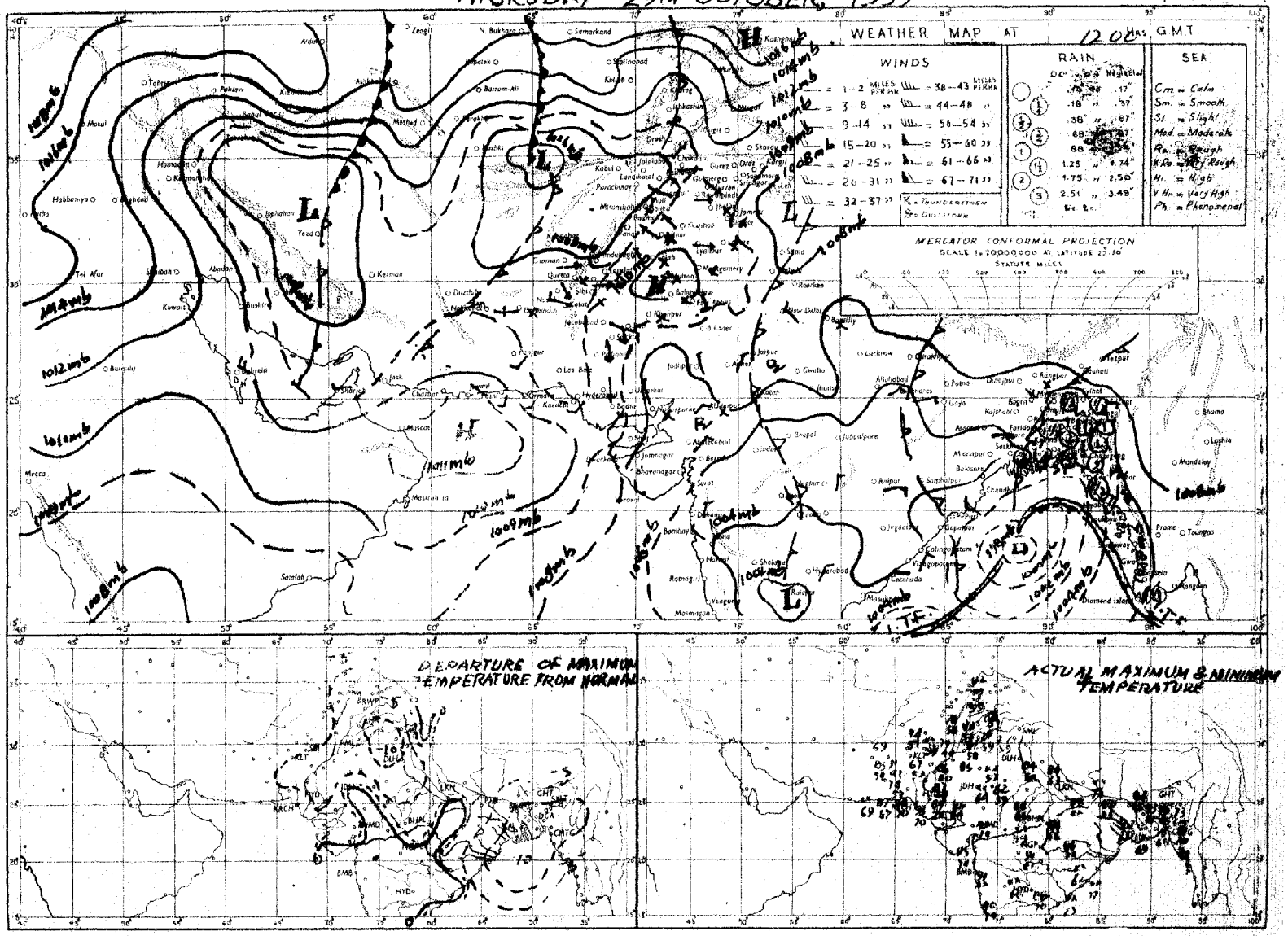
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

Accuracy of individual entries in 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

THURSDAY 29th OCTOBER, 1959



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

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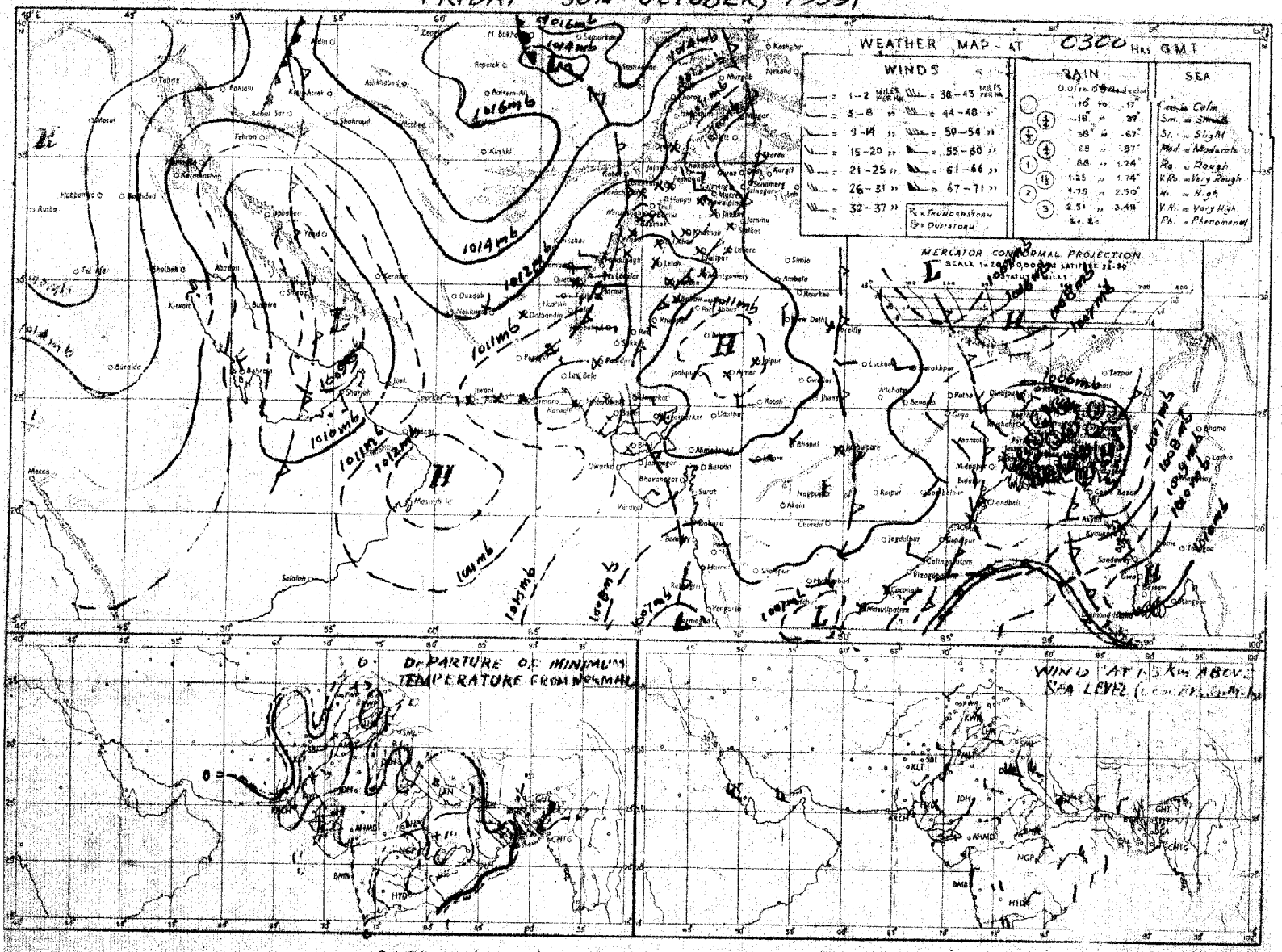
PAKISTAN DAILY WEATHER MAP

FRIDAY 30th OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 31st OCTOBER, 1959.

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

Yesterday's depression south of Srimangal weakened into a low last evening and is now moving away northeastwards through Assam.
A trough of low lies over north east Bay of Bengal.
The system has caused scattered light rain/drizzle in Chittagong and Dacca divisions.
A secondary western disturbance lies over Kalat division while a fresh one lies over east Iran.
Day temperatures were 6—10 °F below, normal in East Pakistan and in Lahore and Rawalpindi divisions and were 3 [illegible] elsewhere over West Pakistan outside north Kalat, Quetta divisions and Federal Capital Area.

Forecast valid until the evening of 1st November, 1959. Rain/thundershowers will be local in Chittagong division and scattered in Dacca, Peshawar, D. I. Khan, Rawalpindi divisions and in Kashmir.

Karachi-11
The 31st October, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

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WEATHER BUREAU

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	010	9	6	29	02	95	03	6	053	76	5	5	6	5	0	70	79
	Chittagong	000	0	6	04	02	xx	02	2	064	74	6	4	6	0	0	70	79
	Maijdee Court	000	9	9	27	02	xx	02	2	053	75	9	x	0	x	x	70	76
	Comilla	000	0	8	00	00	94	02	2	057	74	8	4	5	x	x	71	75
	Brahmanbaria	000	8	4	00	00	xx	01	5	'55	73	4	0	9	7	0	71	75
	Sylhet	006	7	7	13	05	xx	03	6	045	74	5	5	5	3	0	71	79
	Srimangal	000	1	4	xx	xx	xx	03	5	046	74	7	5	4	2	1	71	75
Dacca	Mymensingh	000	0	0	00	00	98	00	1	043	77	0	0	9	0	0	69	80
	Narayanganj																	
	Dacca (Tezgaon)	002	8	1	00	00	96	10	5	039	76	0	0	9	4	0	70	79
	Faridpur	...	...	...	...	...		...	...	...	...		...		...	...	...	...
	Barisal	...	...		...	...		...	...	...	...		...	9	...		...	...
Rajshahi	Khulna	...		...	...			...		...	...	...	...		...			...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	...		...	...	...	...	...		...		...	...				...	
	Dinajpur																	
	Rangpur	000	0	2	00	00	96	01	1	xxx	75	2	5	6	0	0	62	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	073	77	0	0	9	0	0	61	80
	Sialkot	000	0	0	00	00	97	00	0	060	77	0	0	9	0	0	59	61
Rawalpindi	Jhelum	000	0	1	00	00	98	02	0	062	78	1	1	7	0	0	58	83
	Rawalpindi	000	0	0	00	08	99	00	0	068	74	0	0	9	0	0	56	79
	Khushab	000	0	0	00	00	99	00	0	068	83	0	0	9	0	0	53	85
Multan	Lyallpur	000	0	0	00	00	96	00	0	076	79	0	0	9	0	0	57	82
	Montgomery	000	0	0	00	00	96	00	0	075	78	0	0	9	0	0	60	81
	Multan	000	0	0	18	02	97	02	0	066	85	0	0	9	0	0	60	86
Bahawalpur	Leiah	000	0	0	00	00	97	04	0	076	80	0	0	9	0	0	51	83
	Khanpur	000	0	0	27	02	96	02	0	061	86	0	0	9	0	0	70	89
	Bahawalpur	000	0	0	00	00	97	00	0	070	85	0	0	9	0	0	65	88
	Fort Abbas	000	0	0	25	02	98	00	0	073	87	0	0	9	0	0	63	68
Peshawar	Chakdara	000	0	0	23	02	97	00	0	056	75	0	0	9	0	0	51	78
	Peshawar	000	0	3	05	02	97	03	0	060	76	1	1	6	3	1	54	80
	Haripur	000	0	0	09	02	97	00	0	149	78	0	0	9	0	0	50	89
	Campbellpur	000	0	0	23	02	98	00	0	073	79	0	0	9	0	(	53	82
D. I. Khan	Bannu	000	3	1	13	01	99	01	0	054	76	0	0	9	0	1	55	80
	D. I. Khan	000	6	0	00	00	98	00	0	059	82	0	0	9	0	0	65	85
Quetta	Sibi	000	0	0	09	02	99	00	0	061	88	0	0	9	0	0	57	89
Kalat	Nokkundi	000	0	0	09	02	96	02	0	(24	86	0	0	9	0	0	34	68
	Turbat	000	0	0	09	02	98	00	0	052	90	0	0	9	0	0	67	93
	Jiwani	000	0	3	23	12	97	01	0	086	82	3	6	5	0	0	68	86
	Pasni	000	0	0	25	12	97	00	0	083	82	0	0	9	0	0	75	87
	Ormara	000	0	0	27	09	98	00	0	073	83	0	0	9	0	0	69	86
	Las Bela	000	0	0	00	00	98	00	0	062	90	0	0	9	0	0	70	96
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	09	98	02	0	085	85	0	0	9	0	0	76	88
	Karachi (Air Port)	000	0	0	23	12	97	01	0	076	86	0	0	9	0	0	60	89
	Badin	000	0	0	23	02	97	00	0	070	90	0	0	9	0	0	59	96
	Nagarparkar	000	0	0	00	00	98	00	0	069	91	0	0	9	0	0	66	93
	Umarkot	000	0	0	29	03	98	00	0	060	91	0	0	9	0	0	54	95
	Hyderabad	000	0	0	18	03	97	02	0	070	90	0	0	9	0	0	57	91
Khairpur	Pad-i-dan	000	0	0	27	03	96	02	0	061	91	0	0	9	0	0	49	93
	Nawabshah	000	0	0	18	05	96	01	0	068	89	0	0	9	0	0	60	93
	Sukkur	000	0	0	27	02	96	00	0	059	83	0	0	9	0	0	62	92
	Kashmore	000	0	0	18	03	99	00	0	061	86	0	0	9	0	0	56	88
	Jacobabad	000	0	0	13	03	97	02	0	067	87	0	0	9	0	0	72	88
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	31	02	98	00	0	471	52	0	0	9	0	0	42	37
Peshawar	Drosh	000	3	7	18	05	96	03	2	437	70	7	5	6	0	0	52	80
	Cherat	000	0	0	18	01	98	00	0	472	64	0	0	9	0	0	57	70
	Kakul	000	0	0	13	05	97	01	0	467	64	0	0	9	0	0	45	72
	Landi Kotal	000	0	2	05	05	98	03	0	451	68	0	0	9	3	8	47	74
D. I. Khan	Parachinar	000	0	3	13	02	99	00	0	797	64	0	0	9	0	0	34	xx
	Miranshah	000	0	0	00	00	99	00	0	440	72	0	0	9	0	0	44	76
	Wana	000	0	0	18	05	98	00	0	432	69	0	0	9	0	0	36	72
Quetta	Fort Sandeman	000	0	1	23	03	98	02	0	456	76	1	0	9	0	3	82	78
	Hindubagh	000	2	1	25	08	92	07	0	413	69	0	0	9	0	0	39	76
	Loralai	000	0	0	13	03	98	00	0	419	68	0	0	9	0	0	47	73
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	93	00	0	496	67	0	0	9	0	0	46	78
	Chaman	000	0	0	23	02	97	00	0	462	73	0	0	9	0	0	50	75
Kalat	Kalat	000	0	2	03	05	97	00	0	465	65	0	0	9	0	0	25	79
	Nushki	000	0	0	27	05	98	02	0	529	80	0	0	9	0	0	45	82
	Dalbandin	000	0	0	13	02	95	05	0	468	83	0	0	9	0	0	13	85
	Panjgur	000	0	0	23	05	98	00	0	483	80	0	0	9	0	0	46	80
Afghanistan	Kabul	000	0	0	27	02	99	00	0	548	59	0	0	9	0	0	51	56
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	010	9	5	36	03	97	02	1	108	77	1	1	7	5	8	71	69	− 7	− 2	137.1	−	121.2	140
	Chittagong	000	0	6	02	05	97	02	2	118	77	2	4	6	2	1	73	69	− 6	− 2	110.0	+25.3	142.0	100
	Maijdee Court																		− 9					115
	Comilla	000	0	4	00	00	97	03	0	115	75	4	4	5	0	0	70	70	− 11	0	81.6	+11.6	107.3	94
	Brahmanbaria	0 0	0	1	00	0J	97	03	1	119	76	1	1	5	0	0	71	69	−		59.2	+ 4.8	85.2	76
	Sylhet	006	0	7	00	08	96	01	2	114	72	7	7	3	0	0	70	70	−	−	155.9	−	193.9	—
	Srimangal	001	0	4	00	00	96	03	2	117	72	6	5	3	2	x	69	64	− 13	− 3	77.5	+11.6	109.4	98
Dacca	Mymensingh	000	0	2	13	02	98	01	1	121	75	2	2	6	0	0	70	68	− 5	− 2	91.1	+21.6	113.2	91
	Narayanganj	000	9	1	00	00	96	01	2	117	79	8	0	9	0	1	69	69		− 3	82.6	+29.0	103.9	74
	Dacca (Tezgaon)	002	9	3	00	00	98	03	0	110	76	0	0	9	0	1	70	68	−	−	88.1	−	103.6	—
	Faridpur	000	3	1	05	02	97	01	0	107	78	0	0	9	0	3	70	66		− 5	88.3	+36.5	116.6	71
	Barisal	000	0	0	05	02	97	03	2	113	75	0	0	9	0	0	70	69		− 2	125.7	+63.1	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	118	56	0	0	9	0	0	69	68		− 2	81.4	+28.6	102.3	68
	Satkhira	000	0	2	00	00	99	01	0	120	77	0	0	9	2	0	71	66		− 2	64.0	+13.4	80.1	65
	Jessore	000	0	0	23	03	97	00	0	114	75	0	0	9	0	0	70	66		− 4	69.9	+21.3	108.8	65
	Sirajganj	000	0	2	00	00	98	03	0	108	79	1	0	9	0	1	78	70		+ 1	83.9	+34.1	108.7	64
	Bogra	000	0	1	23	05	96	02	0	111	77	0	0	9	0	1	71	69		0	84.4	+29.1	70.2	69
	Dinajpur	000	0	0	00	00	96	00	0	095	75	0	0	9	0	1	64	67		0	49.5	−11.1	66.9	72
	Rangpur	000	0	1	18	02	96	01	0	xxx	77	1	5	6	0	0	69	68	− 3	+ 1	72.5	+ 5.0	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	100	0	0	00	00	96	02	0	110	67	0	0	9	0	0	61	58	− 10	+ 5	22.2	+ 7.5	26.0	19
	Sialkot	000	0	0	00	00	97	00	0	102	67	0	0	9	0	0	60	68	− 7	+ 4	52.8	+29.0	58.7	62
Rawalpindi	Jhelum	000	0	1	00	0g	96	03	0	108	60	1	0	9	3	0	36	57	−	−	39.7	−	50.0	—
	Rawalpindi	000	0	0	36	02	98	00	0	119	56	0	0	9	0	0	53	52	− 6	+ 1	39.2	+ 2.0	52.3	36
	Khushab	000	0	0	00	00	98	00	0	120	64	0	0	9	0	0	61	59	− 5	+ 1	16.9	+ 6.6	25.4	13
Multan	Lyallpur	000	0	0	00	00	95	00	0	108	63	0	0	9	0	0	59	64	− 6	+ 8	15.5	+ 6.2	18.1	12
	Montgomery	000	0	0	00	00	96	00	0	107	62	0	0	9	0	0	57	59	− 10	+ 2	6.1	− 1.5	8.4	10
	Multan	000	0	0	27	02	96	05	0	102	68	0	0	9	0	0	56	65	− 4	+ 8	5.9	+ 0.9	8.0	7
Bahawalpur	Leiah	000	0	5	15	07	96	04	0	103	63	0	0	9	0	5	60	58	−	−	3.0	−	4.9	[illegible]
	Khanpur	000	0	0	00	00	96	02	0	087	70	0	0	9	0	0	61	65	− 3	+ 8	0.5	− 4.3	1.2	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	101	71	0	0	9	0	0	54	65	− 3	+ 9	5.5	+ 1.2	6.5	[illegible]
	Fort Abbas	000	0	0	16	03	98	20	0	104	71	0	0	9	0	0	67	66	−	−	8.9	−	9.2	[illegible]
Peshawar	Chakdara	000	0	0	00	00	98	00	0	105	55	0	0	9	0	0	47	52	−	−	11.0	−	26.5	—
	Peshawar	000	0	0	00	00	96	05	0	117	60	0	0	9	0	0	41	56	− 3	+ 1	9.7	+ 5.0	23.5	14
	Haripur	000	0	0	05	04	97	00	0	091	61	0	0	9	0	0	50	58	−	−	21.3	−	32.1	—
	Campbellpur	000	0	0	18	02	98	00	0	124	64	0	0	9	0	0	53	53	−	−	22.0	−	35.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	101	62	0	0	9	0	0	56	59	−	−	9.8	−	13.9	11
	D. I. Khan	000	0	0	L0	L0	98	00	0	105	65	0	0	9	0	0	60	61	− 4	+ 6	11.1	+ 5.6	14.9	10
Quetta	Sibi	000	0	0	00	08	59	00	0	091	69	0	0	9	0	0	57	66	−	−	4.9	−	5.2	5
Kalat	Nokkundi	000	0	0	07	02	96	02	0	073	70	0	0	9	0	0	53	59	−	−	0	−	1.1	2
	Turbat	000	0	0	09	02	96	00	0	092	70	0	0	9	0	0	65	xx	−	−	2.9	−	7.3	4
	Jiwani	000	0	4	13	02	96	03	0	095	77	4	6	4	0	0	69	71	−	−	0.3	−	5.9	4
	Pasni	000	0	2	27	12	97	00	0	101	71	2	2	7	0	0	68	68	− 3	+ 3	0.6	− 0.3	3.2	6
	Ormara	000	0	0	00	00	98	00	0	100	75	0	0	9	0	0	70	70	−	−	2.1	+ 1.3	4.1	6
	Las Bela	..	..		..	..	..	..		..	..	..	..		..	..	..	−	−					[illegible]
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	97	02	0	101	78	0	0	9	0	0	73	64	+ 1	+ 5	16.5	+10.4	16.5	[illegible]
	Karachi (Air Port)	000	0	0	00	00	96	02	0	102	72	0	0	9	0	0	66	67	−	−	22.8	−	22.9	—
	Badin	000	0	0	23	02	96	00	0	112	74	0	0	9	0	0	70	69	−	−	11.2	+ 4.8	11.2	[illegible]
	Nagarparkar	000	0	0	29	02	98	00	0	102	84	0	0	9	0	0	68	80	−	−	30.5	−	30.5	—
	Umarkot	000	0	0	18	02	98	00	0	095	73	0	0	9	0	0	67	65	−	−	19.5	−	20.3	—
	Hyderabad	000	0	0	00	00	97	02	0	096	73	0	0	9	0	0	67	69	− 4	+ 3	14.6	+ 8.6	15.4	[illegible]
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	087	70	0	0	9	0	0	58	64	−	−	7.3	−	7.5	—
	Nawabshah																		−					—
	Sukkur	000	0	0	00	00	96	00	0	085	70	0	0	9	0	0	58	69	−	−	3.5	−	4.6	4
	Kashmore	000	0	0	xx	xx	99	00	0	087	74	0	0	9	0	0	59	64	−	−	2.0	−	2.1	—
	Jacobabad	000	0	0	00	00	97	02	0	087	71	0	0	9	0	0	62	68	− 5	+ 9	3.8	+ 1.5	4.6	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							36
	Gulmarg																							—
	Sonamarg																							71
	Dras																							36
	Leh																							3
	Skardu																							6
	Misgar																							—
	Allabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	0	0	13	02	98	00	0	489	50	0	0	9	0	0	37	44	−	−	53.2	+16.0	78.4	59
Peshawar	Drosh	000	0	2	00	00	98	00	0	492	54	0	0	9	0	8	44	54	−	−	1.5	−	30.7	18
	Cherat	000	0	0	13	02	98	00	0	485	52	0	0	9	0	0	49	53	−	−	21.4	+ 9.9	31.4	29
	Kakul	000	0	1	00	00	97	01	1	486	57	0	0	9	0	0	44	50	−	−	50.3	−	55.0	—
	Landi Kotal	000	0	0	00	00	98	00	0	470	56	0	0	9	0	0	44	xx	−	−	3.8	−	18.9	—
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	799	45	0	0	9	0	0	39	xx	−	−	14.2	−	28.1	29
	Miranshah	000	0	0	00	00	99	00	0	461	56	0	0	9	0	0	47	51	−	−	4.0	− 0.8	7.0	13
	Wana	000	0	2	00	00	98	00	6	489	51	2	0	9	0	9	35	43	−	−	5.1	−	14.1	—
Quetta	Fort Sandeman	000	0	3	00	00	97	01	0	493	55	3	0	9	0	3	44	50	− 1	0	7.2	+ 2.1	16.0	13
	Hindubagh	000	0	0	00	00	98	00	0	448	51	0	0	9	0	0	33	50	−	−	4.6	−	12.6	—
	Loralai	000	0	2	31	03	96	01	1	397	44	2	2	9	0	0	29	43	−	−	7.1	−	13.8	[illegible]
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	8.6	+ 0.9	12.8	[illegible]
	Quetta	000	0	0	00	00	94	00	0	478	52	0	0	9	0	0	33	37	−	−	4.7	+ 3.5	10.2	[illegible]
	Chaman	000	0	0	18	02	97	00	0	477	60	0	0	9	0	0	23	54	− 1	+ 5	0.1	− 0.2	4.2	[illegible]
Kalat	Kalat	000	0	0	16	08	97	00	0	506	48	0	0	9	0	0	33	38	+ 1	+ 3	6.3	+ 5.0	11.0	[illegible]
	Nushki	000	0	0	09	05	97	02	0	506	67	0	0	9	0	0	45	59	−	−	1.1	−	2.9	[illegible]
	Dalbandin	000	0	0	00	00	95	05	0	456	62	0	0	9	0	0	40	58	0	+ 10	0.2	− 0.1	2.2	[illegible]
	Panjgur	000	0	0	05	02	98	00	0	480	50	0	0	9	0	0	31	54	− 4	+ 1	2.5	−	4.1	[illegible]
Afghanistan	Kabul	000	0	0	18	00	99	00	0	513	53	0	0	9	0	0	41	32	−	−	−	−	−	12
	Kandahar																							

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

114 470

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 31st OCTOBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_lh_lC_mC_H$	D,V, a PP	8 N, Ch, h,	O T, T_s T_d T_e	I_dw_dd, PH,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jamnagar	63 231	606 00	1 21 12	98 02 0	120 77	13 5 00	35 40 0	—	0 54 72	1 12 23
Oramja	63 109	576 00	8 35 08	98 03 8	089 79	89 4 xx	68 50 6	—	0 53 68	1 35 21
Jamnagar	63 221	630 06	4 22 05	98 02 0	145 81	34 5 40	35 42 5	—	0 00 68	1 19 23
Wonadreach	63 236	589 06	0 14 15	98 02 0	152 84	00 9 00	49 21 3	—	0 52 75	1 14 11
Calicut Cindhomara	63 172	563 06	1 21 07	98 02 0	128 81	11 3 00	16 21 9	—	0 51 73	1 21 21
Talmara	63 218	625 12	3 25 07	98 02 0	085 79	21 4 10	36 71 0	—	0 56 73	—
Jamnagar	63 212	632 12	1 35 12	99 02 8	125 84	15 6 00	35 61 0	—	0 00 70	1 35 33
Wonadreach	63 225	599 12	0 16 16	98 02 0	120 81	00 9 00	45 70 1	—	0 53 73	1 15 21
Calicut Cindhomara	63 185	576 12	0 19 06	98 02 0	100 79	00 9 00	16 71 8	—	0 51 68	1 18 23
Jamnagar	63 203	589 12	0 00 00	97 00 0	048 82	00 9 00	15 60 5	—	0 00 75	1 49 xx
Wonadreach	63 201	646 18	0 34 12	97 01 8	130 79	00 x 00	35 30 5	—	0 00 64	1 75 33
Rangoon	63 212	594 18	0 20 16	98 02 8	140 81	00 9 00	55 21 0	—	0 52 73	1 20 21
	63 160	540 18	0 00 00	98 00 8	106 79	00 9 00	16 11 3	—	0 55 70	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTeTd	1000 mb HHHTTT TdTeTe	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	908 222 198	000 235 075	..	450 138 999	..	981 045 999	331 098 999	782 548 999	..	..	...	—	—
Jiwani														
Karachi	00 00	906 232 208	074 215 192	—	440 165 999	..	203 095 999	401 015 999	901 588 999	589 718 999	967 805	244 025	424 165	645 255
Lahore	00 00	Missing		..							—	—	—	—
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTeTe	19	20	21	22	23	24	25	26	Max. Height Reached PPPTTT TdTeTe	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18									27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 175 122	—	..	..	—	—	...	...		900 175 122	—	..
Jiwani													
Karachi	00 00		...	...	—	...	—	—	—		100 255 999	—	—
Lahore	00 00	Missing	—	—	—	—	—	...	—		..	—	—
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.	As 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent	—	—	—	..	—	...	...	27 10	28 10	30 13	29 11	29 18	29 23	26 07	27 07	29 07	30 12	30 19	27 14	28 06	28 21	...	..	—
Chittagong	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	..	..	..	..	..	..	..	..	..	..
Dacca	25 07	25 05	25 03	35 02	35 03	03 06	01 07	33 08	28 18	25 15	24 11	22 11	22 11	20 12	16 03	—	..	—	—	—	—	—	—	—	—	—
Jiwani	30 10	24 09	26 09						..	04 05																
Karachi	30 08	28 05	27 17	26 02	26 02	...			..	36 13	36 17	03 16	34 19	32 15	26 20	02 05	02 07	01 11	—	—	—	—	—	—	—	—
Lahore	30 08	31 09	32 12	34 19	30 21	26 26	25 20	25 19	..	33 04	33 06	34 06	30 11	29 25	26 22	..	—		—	—	—	—	—	—	—	—
Multan	...	—	23 08	22 11	27 09	25 12	25 18	26 22	27 24	—	—	17 02	22 12	21 15	23 09	—	—	17 10	19 05	21 10	24 12	20 08	19 10	22 17	22 23	23 35
D.I. Khan	..	—	—							—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	...	—	—		21 07	22 14	22 17	..	..	—	—	—	23 02	24 06	22 09	..	—	—	—	22 02	22 05	21 04	25 04	17 10	15 09	23 11
Quetta			—	23 08	21 09	16 11	24 14	27 14	29 20				23 02	20 06	27 06				30 01	23 02	27 08	26 12	24 16	24 32	24 27	25 29
Karachi	15 05	17 06	18 07	21 13	23 19	21 17	21 07	27 09	29 12	09 12	08 13	33 07	23 10	24 12	28 07	06 05	02 04	02 06	23 10	23 18	20 12	23 15	26 27	21 33	25 35	26 33
Jessore	31 07	34 10	35 21	32 20	28 22	27 25	26 19	27 37		07 03	33 11	33 13	31 11	29 15	27 21	31 05	34 04	36 06	31 09	31 17	29 74					
Pulum	29 07	30 07	31 07	32 09	33 07	32 03	31 06	31 17	33 13	30 06	30 09	30 11	30 07	30 06	29 09	31 02	29 07	29 06	25 07	23 06	24 01	24 05	25 11	25 19	26 25	27 29
Jiwani	No	Ascent								No	Ascent					No	Ascent									
Karachi	26 15	25 13	23 12	22 07	26 05	07 09	05 06	01 09	27 19	28 09	28 17	27 17	24 12	26 08	26 14	26 06	26 05	25 06	23 06	22 04	23 07	22 25	20 08	08 07	—	—
Khanpur	25 07	24 08	24 08	23 06	24 09	36 05	34 09	33 17	32 19	17 08	28 14	21 13	23 17	24 13	23 13	17 05	21 02	22 18	21 18	22 17	22 24	20 10	22 18	24 23	25 20	25 15
Lahore	32 03	33 06	36 07	01 10	36 08	36 12	34 09	33 15	32 14	29 08	30 08	31 06	29 06	34 05	32 09	33 02	27 05	26 05	26 08	28 07	31 04	30 07	27 11	27 21	27 22	28 38
Multan	34 04	14 05	14 08	19 08	26 07	xx xx	32 09	32 25		16 19	18 12	22 12	24 19	25 22	28 09	17 03	20 10	20 13	23 16	23 23	23 09	25 09	23 24	24 27	25 31	28 31
Muscat	—	—								—	—	—	—	—		—	—									
Sunjar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—															—	34 03	35 03	06 02	31 02	28 12					
Quetta	—	—	—	—	27 04	25 05	21 10	24 33	25 25	..	—	—	—	26 06	29 07	—				19 02	30 08	30 03	18 09	22 23	25 25	25 40
Kurnool	26 30	27 14	27 17	28 14	—	—	—	—	—	No	Ascent	—	—	—	—	20 06	24 08	25 09	—	—	—	—	—	—	—	—
Poona	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	30 07	32 06	32 09	32 16	31 17	30 21	28 26	26 32	27 36									
Karachi	27 14	27 17	26 17	26 16	25 11	25 06	19 07	34 03	30 18	26 29	26 29	26 72	26 95	75 10	75 01	24 76	25 57	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

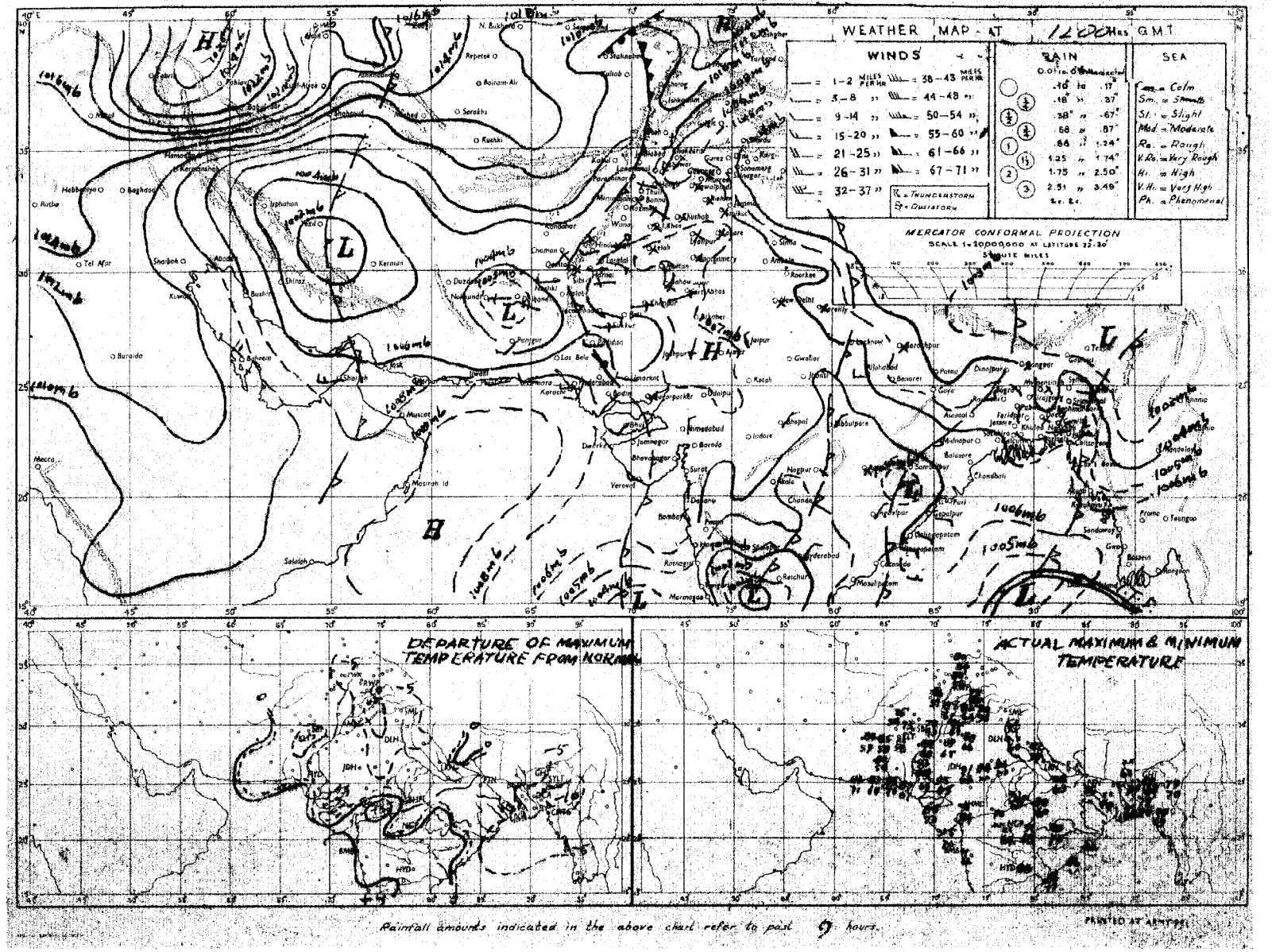
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

accuracy of individual entries in 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

FRIDAY 30th OCTOBER, 1959



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

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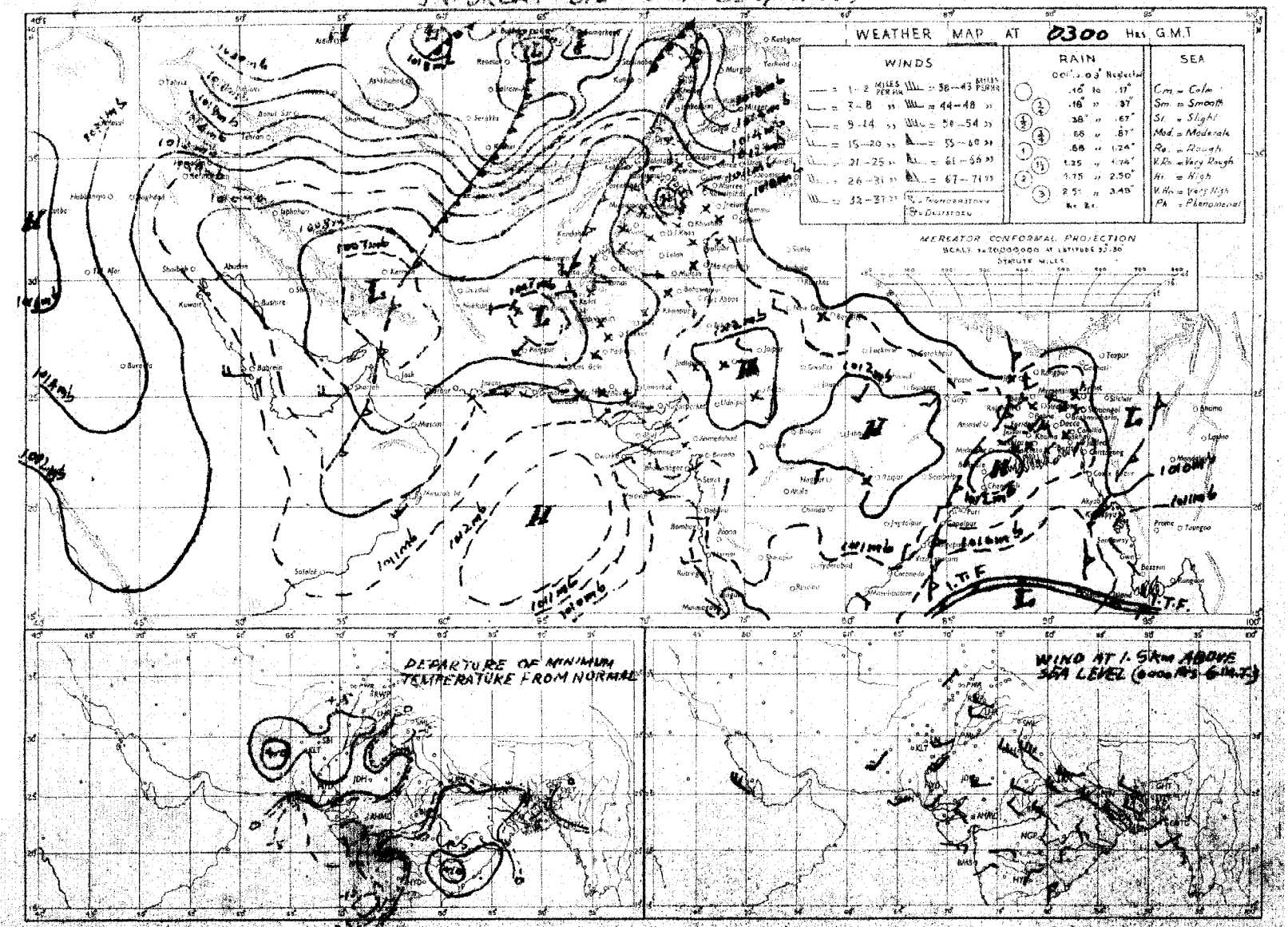
PAKISTAN DAILY WEATHER MAP

SATURDAY 31st OCTOBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 1st NOVEMBER, 1959.

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

Yesterday's secondary western disturbance over east Iran now lies over Afghanistan with its associated trough extending to the western sector of north Arabian Sea. It has caused local thunderstorm/light rain in north Kalat scattered in south Kalat and Quetta divisions.

The trough of low in the north east Bay of Bengal has merged with the seasonal low.

Weather remained dry in East Pakistan.

Day temperatures were 3—6 °F below normal in Chittagong division and in West Pakistan outside Bahawalpur, Khairpur, Hyderabad, Quetta and north Kalat divisions.

Forecast valid until the evening of 2nd November, 1959 Rain/thundershowers will be fairly widespread in D. I. Khan, Peshawar, and Rawalpindi divisions, local in Quetta and Lahore divisions and Kashmir and scattered in Kalat, Khairpur, Multan, Bahawalpur, Dacca and Chittagong divisions.

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WEATHER BUREAU

Karachi-11
The 1st November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	29	03	95	01	0	094	78	0	0	9	0	4	71	83	000	0	2	02	02	97	01	0	120	77	0	0	9	0	4	69	69	—	− 2	0	− 0.3	131.2	140
	Chittagong	000	0	5	34	02	xx	02	1	098	76	2	2	7	2	1	71	82	000	5	1	02	05	97	01	4	129	78	1	0	9	1	0	71	69	− 3	− 1	0	− 0.2	142 r	100
	Maijdee Court	000	9	9	00	00	xx	00	0	085	78	9	x	0	x	x	73	82	000	9	0	00	00	98	00	0	129	73	0	0	9	0	0	69	70	− 3	+ 1	0	− 0.2	142.7	115
	Comilla	000	0	0	00	00	94	00	0	087	77	0	0	9	0	0	71	84	000	0	8	00	00	96	02	2	126	75	8	4	5	x	x	70	67	− 2	− 1	0	− 0.1	107.5	94
	Brahmanbaria	000	0	1	00	00	xx	01	1	100	78	1	1	5	0	0	75	82	000	0	4	18	02	97	02	1	131	77	4	5	5	0	0	71	69	—	—	0	0	85.2	76
	Sylhet	000	0	0	00	00	xx	02	1	093	75	0	0	9	0	0	70	81	000	0	4	09	05	96	01	2	125	74	4	8	6	0	0	70	69	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	1	091	82	0	0	9	0	0	68	83	000	0	1	00	00	96	03	0	129	77	0	0	9	1	1	69	62	− 5	− 1	0	− 0.1	109.4	38
Dacca	Mymensingh	000	0	3	13	02	98	01	1	093	81	3	2	6	0	0	71	85	000	0	0	13	02	98	00	0	127	73	0	0	9	0	0	70	69	0	+ 1	0	− 0.1	113.2	91
	Narayanganj	000	9	2	09	00	xx	03	0	103	81	1	5	6	0	8	71	87	000	0	1	36	02	97	03	0	125	78	1	4	5	0	0	71	76	+ 1	+ 6	0	− 0.1	103.9	74
	Dacca (Tejgaon)	000	9	2	00	00	97	02	0	070	80	1	1	5	0	1	69	84	000	3	1	29	02	97	01	1	119	78	1	0	9	4	0	71	68	—	—	0	—	103.6	—
	Faridpur	000	8	1	00	00	95	95	0	093	79	1	6	7	0	0	73	85	000	3	3	00	0.	97	01	0	108	76	3	4	7	0	0	68	70	+ 1	+ 1	0	− 0.1	116.6	71
	Barisal	000	4	2	00	00	96	01	0	115	80	2	0	8	8	0	73	84	000	0	0	00	00	97	00	0	120	75	0	0	9	0	0	72	70	− 1	+ 1	0	− 0.1	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	099	79	0	0	9	0	0	72	85	000	0	7	00	00	96	03	0	130	76	5	5	6	3	0	72	71	0	+ 3	0	− 0.1	102.3	48
	Satkhira	000	0	2	00	00	98	03	0	097	79	0	0	9	0	0	73	86	000	0	6	00	00	97	03	1	130	75	6	3	8	0	0	71	71	− 1	+ 5	0	− 0.1	82.1	65
	Jessore	000	0	0	36	02	97	01	1	080	78	2	4	6	0	0	67	86	000	0	0	00	00	97	00	0	135	76	0	0	9	0	0	70	69	0	—	0	− 0.1	105.8	65
	Sirajganj	000	0	0	00	00	92	00	1	086	77	0	0	9	0	0	75	87	000	0	0	00	00	98	00	0	116	80	0	0	9	0	0	79	67	+ 2	0	0	− 0.1	108.7	64
	Bogra	000	0	0	00	00	xx	02	0	086	80	0	0	9	0	0	69	85	000	0	0	23	02	96	02	0	120	77	0	0	9	0	0	65	67	0	+ 1	0	− 0.1	104.8	69
	Dinajpur	000	0	0	00	00	xx	00	0	081	80	0	0	9	0	0	68	87	000	0	0	00	00	96	00	0	109	76	0	0	9	0	0	65	64	+ 2	1	(	0	66.9	72
	Rangpur	000	0	1	00	00	96	02	0	xxx	80	1	1	6	0	0	71	85	000	0	0	09	02	96	02	0	xxx	74	0	0	9	0	0	65	63	0	− 2	0	0	93.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	1	00	00	96	01	8	103	77	0	0	9	0	4	61	84	000	0	1	00	00	96	02	0	125	67	0	0	9	0	1	61	59	− 6	+ 8	0	0	26.0	19
	Sialkot	000	0	3	31	02	97	03	0	102	78	0	0	9	0	4	58	83	000	0	2	00	00	96	01	0	126	67	0	0	9	0	3	57	62	− 5	+ 8	0	0	58.7	32
Rawalpindi	Jhelum	000	0	3	23	02	97	01	1	093	78	2	0	9	3	1	58	86	000	0	6	00	00	96	03	0	134	61	0	0	9	0	4	57	57	—	—	0	—	50.0	—
	Rawalpindi	000	0	6	18	02	99	03	1	094	75	0	0	9	0	8	57	83	000	0	5	.0	00	98	03	1	141	57	0	0	9	0	8	54	53	− 2	+ 5	0	0	52.3	36
	Khushab	000	0	0	00	00	99	00	0	102	80	0	0	9	0	0	60	83	000	0	3	09	02	99	03	0	136	60	0	3	6	0	0	59	61	− 7	+ 7	0	0	25.4	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	088	80	0	0	9	0	0	59	84	000	0	5	13	02	95	02	0	123	64	0	0	9	0	4	59	63	− 4	+ 11	0	0	18.2	12
	Montgomery	000	0	0	00	00	96	00	0	093	85	0	0	9	0	0	63	88	000	0	0	00	00	96	00	0	124	67	0	0	9	0	0	57	61	− 3	+ 6	0	0	8.4	10
	Multan	000	0	1	00	00	97	03	0	081	87	0	0	9	0	1	59	89	000	0	4	05	02	96	05	0	117	66	0	0	9	0	2	61	44	− 1	+ 10	0	0	8.0	7
Bahawalpur	Laiah	000	0	0	00	00	96	04	0	103	79	0	0	9	0	0	42	80	000	0	0	00	00	96	04	0	129	60	0	0	9	0	0	59	58	—	—	0	—	6.9	8
	Khanpur	000	0	0	00	00	96	02	0	066	91	0	0	9	0	0	64	94	000	0	0	00	00	56	02	0	106	68	0	0	9	0	0	59	62	+ 2	+ 7	0	0	1.8	6
	Bahawalpur	000	0	0	31	03	97	00	0	082	89	0	0	9	0	0	56	92	000	0	0	00	00	97	00	0	115	72	0	0	9	0	0	56	62	+ 1	+ 8	0	0	4.5	6
	Fort Abbas	000	0	0	25	07	98	00	0	069	91	0	0	9	0	0	82	93	000	0	3	20	03	98	02	0	0.5	65	3	0	8	3	0	56	43	—	—	0	—	4.2	4
Peshawar	Chakdara	000	0	0	23	02	97	00	0	096	75	0	0	9	0	0	50	78	000	0	2	00	00	97	03	0	145	55	2	0	9	4	8	47	32	—	—	0	—	26.5	—
	Peshawar	000	0	4	00	00	97	02	0	089	76	1	1	7	0	1	55	80	000	0	7	00	00	96	05	1	123	62	0	0	9	0	6	55	37	− 3	+ 4	0	0	22.5	14
	Haripur	000	3	3	13	02	96	02	0	080	74	3	5	6	0	0	51	83	000	3	4	23	02	97	03	0	111	62	0	0	9	0	6	51	59	—	—	0	—	32.1	—
	Campbellpur	000	0	4	00	00	98	02	1	096	79	4	0	9	9	0	53	82	000	0	4	00	00	98	02	1	147	64	0	0	9	0	8	53	55	—	—	0	—	35.9	—
D. I. Khan	Bannu	000	0	2	16	01	99	01	0	080	77	0	0	9	0	3	57	80	000	2	8	00	00	98	02	2	108	62	8	5	6	x	x	59	61	—	—	0	—	12.9	11
	D. I. Khan	000	4	0	00	00	98	00	0	082	81	0	0	9	0	0	63	84	000	2	5	00	.0	98	03	1*	124	67	5	0	9	5	0	60	63	− 5	+ 11	0	0	14.9	10
Quetta	Sibi	000	0	0	36	02	98	00	0	067	91	0	0	9	0	0	53	92	004	3	6	31	02	98	20	5	112	69	0	0	9	0	2	61	67	—	—	0	—	5.3	5
Kalat	Nokkundi	000	0	0	23	02	97	02	0	032	85	0	0	9	0	0	40	87	000	0	0	05	02	96	02	0	132	63	0	0	9	0	0	43	61	—	—	0	—	1.5	2
	Turbat	000	0	0	09	02	98	00	0	078	91	0	0	9	0	0	65	91	000	0	0	13	02	92	00	.	112	75	0	0	9	0	0	69	xx	—	—	0	—	7.3	—
	Jiwani	000	0	6	18	09	97	02	2	082	82	6	5	5	0	0	76	85	000	0	7	09	05	56	29	9	113	78	5	9	5	0	6	65	73	—	—	0	—	5.9	4
	Pasni	000	0	4	20	09	97	02	1	089	83	4	1	7	0	0	72	87	013	0	5	00	00	97	02	6	117	73	1	2	7	2	0	71	71	− 3	+ 6	0.1	+ 0.1	3.3	6
	Ormara	000	0	2	23	05	98	01	1	085	83	2	2	8	0	0	69	86	000	0	0	00	00	98	0.	0	116	79	0	0	9	0	0	71	70	—	—	0	0	4.1	6
	Las Bela																																			—					8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	087	86	0	0	9	0	0	80	87	000	0	0	27	10	98	02	0	121	79	0	0	9	0	0	73	76	0	+ 6	0	0	16.5	8
	Karachi (Air Port)	000	0	0	25	12	97	02	0	094	84	0	0	9	0	0	59	87	000	0	0	34	02	96	02	0	122	72	0	0	9	0	0	64	44	—	—	0	—	22.9	—
	Badin	000	0	0	00	00	97	00	0	092	88	0	0	9	0	0	59	94	000	0	0	23	02	96	00	0	125	74	0	0	9	0	0	66	69	—	+ 6	0	0	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	091	87	0	0	9	0	0	67	93	000	0	0	00	00	98	00	0	120	83	0	0	9	0	0	67	79	—	—	0	—	30.5	—
	Umarkot	000	0	0	23	05	98	02	0	078	83	0	0	9	0	0	50	95	000	0	0	20	02	98	00	0	117	73	0	0	9	0	0	63	65	—	—	0	—	20.3	—
	Hyderabad	000	0	0	23	09	97		0	084	89	0	0	9	0	0	44	93	000	0	0	20	03	97	02	0	118	74	0	0	9	0	0	65	68	− 2	+ 5	0	0	15.4	7
Khairpur	Pad-i-dan	000	0	0	27	02	97	02	0	070	91	0	0	9	0	0	46	93	000	0	0	18	05	97	02	0	106	67	0	0	9	0	0	59	61	—	—	0	—	7.5	—
	Nawabshah	000	0	0	20	07	97	02	0	082	89	0	0	9	0	0	38	94	000	0	0	18	03	97	02	0	111	69	0	0	9	0	0	64	63	—	—	0	—	7.1	—
	Sukkur	000	0	0	25	02	96	00	0	063	88	0	0	9	0	0	38	93	000	0	0	11	02	96	00	0	105	68	0	0	9	0	0	59	66	—	—		—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	065	85	0	0	9	0	0	59	89	000	0	0	05	05	99	00	0	107	76	0	0	9	0	0	55	64	—	—	0	—	2.1	—
	Jacobabad	000	0	0	13	03	97	02	0	068	89	0	0	9	0	0	56	92	000	0	0	09	03	97	02	0	108	69	0	0	9	0	0	55	65	− 1	+ 9	0	0	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																		003	8	8	00	00	96	02	7	081	32	0	0	9	0	4	25	30		—	—	—	—	6
	Misgar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																							—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	8	7	00	00	98	02	2	492	53	x	x	x	x	x	44	55	000	9	7	13	02	97	02	1	510	49	0	0	9	0	8	38	43	—	− 1	0	0	78.4	59
Peshawar	Drosh	000	6	5	24	10	97	01	2	469	67	5	4	7	0	0	68	79	000	9	7	00	00	97	03	1	517	55	2	5	7	2	8	38	53	—	+ 7	0	—	30.7	18
	Cherat	000	0	0	18	01	98	00	0	500	63	0	0	9	0	2	56	71	000	0	0	18	03	98	00	0	518	56	0	0	9	0	0	51	54	—	+ 2	0	0	31.4	29
	Kakul	000	8	4	18	03	94	06	5	490	65	3	0	9	4	4	46	71	000	9	7	18	02	97	03	1	506	59	6	0	9	4	8	45	51	—	—	0	—	55.0	—
	Landi Kotal	000	0	1	16	03	98	03	0	480	67	0	0	9	0	0	47	73	000	0	8	00	00	98	03	1	490	57	0	0	9	0	7	47	xx	—	—	0	—	18.9	—
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	802	61	0	0	9	0	0	47	xx	000	0	8	00	00	98	03	0	798	50	8	0	9	5	x	43	xx	—	—	0	—	28.1	29
	Miranshah	000	0	0	00	00	99	00	0	478	71	0	0	5	0	0	45	75	000	0	8	00	00	98	03	0	494	60	8	2	6	x	x	51	50	—	—	0	0	7.0	13
	Wana	000	0	0	09	05	97	02	0	462	64	0	0	9	0	0	44	71	000	7	8	00	00	97	20	2	489	56	8	7	7	x	x	44	49	—	—	0	—	14.1	—
	Fort Sandeman	000	0	0	00	00	98	02	9	477	76	0	0	9	0	0	52	77	000	0	6	C0	00	97	01	0	504	58	6	0	8	7	0	54	55	− 2	+ 10	0	0	16.0	11
Quetta	Hindubagh	000	5	3	09	06	94	03	0	423	67	2	0	9	2	2	46	71	000	1	6	27	02	96	03	5	449	50	5	0	9	2	4	xx	49	—	—	0	—	12.6	—
	Loralai	000	0	0	13	03	98	00	0	396	69	0	0	9	0	0	29	73	015	0	7	00	00	96	02	2	380	55	4	3	6	2	0	42	44	—	—	0	..	13.0	—
	Harnai	000	0	0	27	02	99	00	0	xxx	xx	0	0	9	0	0	xx	xx	015	0	0	09	01	96	02	6	xxx	xx	0	0	9	0	0	xx	xx	—		0.1	+ 0.1	13.8	14
	Quetta	000	0	3	13	02	92	02	0	463	68	1	1	7	2	0	51	74	000	9	8	13	02	95	03	6	521	49	8	3	6	x	x	49	49	—	—	0.1	+ 0.1	10.4	8
	Chaman	000	0	0	30	02	97	00	0	457	77	0	0	9	0	0	57	78	000	0	0	09	01	96	00	0	478	60	0	0	9	0	0	40	58	+ 2	+ 12	0	0	6.2	7
Kalat	Kalat	000	0	3	27	07	97	02	0	461	64	3	2	7	0	0	35	70	000	0	7	18	05	97	03	1	510	50	0	0	9	0	1	31	43	+ 1	+ 9	0	0	11.0	9
	Nushki	000	3	5	18	21	97	03	0	492	82	5	5	6	0	0	32	84	000	0	8	09	11	97	50	9	514	65	8	9	4	x	x	54	59	—	—	0	—	2.9	—
	Dalbandin	000	3	4	20	07	95	05	9	464	92	4	4	7	0	0	41	86	005	9	6	05	02	95	05	9	491	61	1	5	7	3	0	55	60	+ 1	+ 14	0.1	+ 0.1	2.3	5
	Panjgur	000	0	4	23	05	98	03	0	499	77	4	0	9	5	0	47	77	000	0	0	00	00	98	00	8	498	60	0	0	9	0	0	51	56	− 7	+ 6	0	—	4.1	4
Afghanistan	Kabul	000	0	0	14	02	99	00	0	508	53	0	0	9	0	0	47	62	000	0	0	18	02	99	00	0	503	53	0	0	9	0	0	41	53	—	—	—	—	—	12
	Kandahar																																								—

Giremin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 1st NOVEMBER 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O$T_sT_sT_dT_d$	$Id_wd_w$$P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Empire	73 147	423 00	1 07 05	99 03 0	091 86	11 5 00	76 40 0	...	0 54 73	1 00 xx
Samarito	73 328	597 00	0 20 05	99 00 0	033 79	00 9 00	75 70 7	...	0 54 77	1 49 xx
Idimaru	73 192	658 00	4 33 13	97 02 0	110 79	34 4 4	35 61 0	...	0 53 64	1 30 33
Telkoonark	73 198	652 00	1 36 07	98 02 0	085 79	11 4 00	36 40 0	...	0 52 72	...
Caltex Utrecht	73 238	588 06	1 35 05	98 02 0	097 84	11 5 00	13 50 0	...	0 02 75	1 35 21
Raapur	73 177	567 06	0 19 07	98 00 0	122 79	00 9 00	16 12 0	...	0 50 70	1 19 21
Ismaru	73 182	671 06	3 04 14	98 02 0	140 86	34 5 00	35 23 0	...	0 04 77	1 05 33
Caltex Eindhoven	73 226	599 06	0 16 14	98 02 0	100 82	00 9 00	76 60 3	..	0 01 70	1 16 22
Woensdrecht	73 187	583 06	3 21 10	98 03 0	185 79	31 3 00	45 23 0	...	0 06 72	1 00 x0
Samaria	73 238	588 06	0 32 05	98 00 0	051 82	00 9 00	75 40 0		0 00 81	1 00 xx
Roopur	73 190	579 12	0 22 07	98 02 0	100 79	00 9 00	16 61 5	..	0 51 72	1 22 21
British Reliance	73 223	635 12	1 23 13	99 02 0	101 86	11 6 00	...	...	...	...
Caltex Utrecht	73 224	599 12	3 17 19	97 03 0	125 93	32 5 00	35 xx x	...	0 13 73	1 17 22
Woensdrecht	73 179	567 12	0 20 09	98 02 0	149 81	00 9 00	55 22 0	...	0 03 72	1 20 21
Caltex Eindhoven	73 239	587 12	0 33 07	98 02 0	072 00	00 9 00	76 71 2	...	0 50 66	1 33 22
Sam Nederland	73 253	578 12	0 27 09	99 02 0	081 84	00 9 00	35 71 0	...	0 00 63	1 27 20
Cilicia	73 143	497 12	0 13 05	98 00 0	088 81	00 9 00	26 81 0	...	0 53 71	1 13 22
Calimini	73 280	505 15	0 32 18	98 02 0	110 79	00 9 00	35 40 0		0 54 63	1 32 32
Caltex Utrecht	73 113	595 18	0 20 19	98 02 0	095 81	00 9 00	55 xx x	...	0 01 75	1 20 22
Woensdrecht	73 169	553 18	0 20 09	98 02 0	165 79	00 9 00	65 21 5		0 51 73	1 20 20
Caltex Eindhoven	73 252	576 18	3 33 04	98 03 0	090 82	31 3 00	76 20 8	...	0 02 64	1 33 21
Raapur	73 202	590 18	0 21 16	98 00 0	106 81	00 9 00	16 11 5	...	0 52 73	1 21 23
Ismaru	73 162	696 18	2 04 12	97 02 0	125 82	21 5 00	35 31 0	..	0 02 73	1 04 33
Sam Nederland	73 242	585 18	0 00 00	98 02 0	091 82	00 9 00	36 11 0	...	0 00 64	1 00 x0
Cilicia	73 150	514 18	0 14 05	98 00 0	121 80	00 9 00	26 21 0	..	0 55 73	1 14 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	009 272 205	086 212 105	...	430 132 112	—	079 015 005	331 015 999	779 565 999	487 678 999	959 805	—	—	—
Jiwani														
Karachi	00 00	008 232 188	090 242 195	...	450 158 048	..	107 062 999	346 530 999	774 582 999	470 685 999	956 812	230 015	410 178	651 235
Lahore														
Multan														
Peshawar														
Quetta	23 00	970 152 105	—	...	473 142 075	..	090 035 565	326 558 712	717 668 999	348 770 999	936 902	202 068	381 128	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	908 148 148	800 092 075	..	..	—	—	..	—	...	900 092 075	—	..
Jiwani													
Karachi	00 00	900 165 138	800 128 012	...	—	...	-	—	—	—	800 128 012	—	—
Lahore													
Multan													
Peshawar													
Quetta	23 00	935 182 105	900 178 095	800 108 048	350 845 999	250 978 999	140 140 999	...	—	..	140 140 999	—	—

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

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

UPPER WIND DATA*

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	.4	6.0	At 0000 hrs. G.M.T † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	24 07	25 08	27 08	29 14	29 22	..	...	—	...	32 09	32 13	30 10	28 16	28 21	28 20	28 07	29 05	28 07	27 11	28 21	29 19	..	—	...	...	...
Chaklala	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chhor	23 08	24 11	24 13	24 14	21 12	17 10	22 07	26 19	27 28	36 11	26 14	25 16	19 14	18 16	26 06	...	...	...	...	...	...	...	...	...	...	...
Chittagong	36 08	36 09	03 07	31 07	23 12	26 24		...	..	02 14	02 15	35 12	34 17	30 30	28 18	03 05	03 11	02 16	32 27	32 12	...	...	...	...	...	...
Cox's Bazar										01 16	01 15	01 15	32 12	30 18	26 19	02 12	02 16	01 20	34 17	30 16	29 20	26 29	...	...	...	...
Dacca	30 02	30 04	29 04	28 09	30 12	30 23	27 25	27 34	27 35	28 11	28 09	30 08	30 13	29 24	..	35 04	31 04	31 03	28 12	29 28	26 24	28 34	26 41	28 47	27 49	29 55
Dalbandin	...	—	18 11	20 00	21 06	22 14	...	-	...	—	—	09 09	12 09	18 06	27 11	—	—	09 03	19 07	24 06	32 03	25 16	26 24	26 29	27 34	26 41
D. I. Khan	—	—	—				—	—	..	—	—	—	—	—	—	..	—	—	—	—	—	—	—	—	..	..
Drosh	...	...	—		22 10	21 08	—	..	..	—	—	—	23 04	23 10	25 06	...	...	—	—	09 02	34 01	—	—	...	..	..
Fort Sandeman	—	—	—	35 02	26 03	19 07	25 19	25 24	25 27	—	...	—	06 06	21 10	24 17	...	...	—	01 03	21 11	20 13	—	...	...	...	..
Jacobabad	15 04	17 08	18 09	19 12	17 10	16 12	24 23	23 32	21 34	33 06	22 07	19 12	16 04	11 02	10 03	10 07	09 17	09 19	30 04	01 03	32 05	23 17	23 27	24 29	24 35	25 44
Jessore	27 03	31 03	32 04	31 11	31 19	28 25	26 29	28 21	28 35	35 04	35 06	33 04	30 13	29 23	...	31 04	34 04	29 13	27 24	26 04	—	...	—	—	—	—
Jhelum	21 06	28 05	32 04	29 04	16 03	20 11	24 17	26 23	25 22	36 06	30 07	33 06	30 06	30 04	27 13	35 03	33 04	33 08	29 06	27 05	26 11	21 07	19 09	21 10	—	..
Jiwani	No	Ascent	—	—	—	—	—	—	—	No	Ascent	—	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	—
Karachi	25 06	25 12	22 12	22 10	22 06	21 08	26 26	26 44	—	26 10	26 12	26 13	29 10	28 14	22 13	27 09	27 10	28 10	27 06	25 09	27 08	25 26	24 35	25 37	25 52	..
Khanpur	27 06	23 07	21 07	20 11	19 09	23 17	23 21	25 20	—	25 21	25 32	25 27	xx xx	20 09	18 07	02 05	23 08	22 10	21 17	21 18	22 15	19 18	22 21	—	—	..
Lahore	28 01	29 03	29 03	27 08	25 08	23 08	25 19	26 14	27 26	06 06	33 01	31 04	28 13	28 19	27 14	10 01	20 03	27 05	26 10	28 13	33 11	24 16	25 26	25 30	24 26	.
Multan	18 09	18 10	21 08	22 19	23 19	22 17	24 25	24 38	25 37	16 02	15 02	16 08	19 07	21 12	22 09	07 04	19 09	19 12	18 12	18 10	19 07	23 26	22 31	22 33	24 30	..
Miansi	...	—	—	—	—	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Panjgur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	..	—	...	—	—	—	—	—	—	—	—
Peshawar	—	—	13 04	17 09	20 07	22 07	20 12	23 12	22 11	..	..	32 02	17 01	13 03	22 01		35 05	34 04	15 07	16 09	17 07	17 05	..	..	..	...
Quetta	—	—	...	—	20 12	13 06	22 14	25 25	25 29	..	...	...	..	21 01	25 11	No	—	...	—	...	..	—	..	..	...	...
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	26 04	27 07	28 11	27 13	30 12	29 15	...	—	...	23 02	28 05	...	...	—	..	24 03	xx xx	xx xx	28 12	26 12	27 14	28 39	..	—	—	..
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 K. M. a.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 14	29 07	29 13	30 14	30 18	28 35	28 35	26 33	28 41	27 77	29 82	78 14			...	—	—	—
Karachi	27 12	27 13	27 13	27 12	28 12	22 12	23 21	25 27	25 35	25 56	25 83	26 91	76 00	26 97	...	—	—	—
Peshawar	—	—	—	—		—	—	—	—	...	—		—	—			—	
Quetta																		

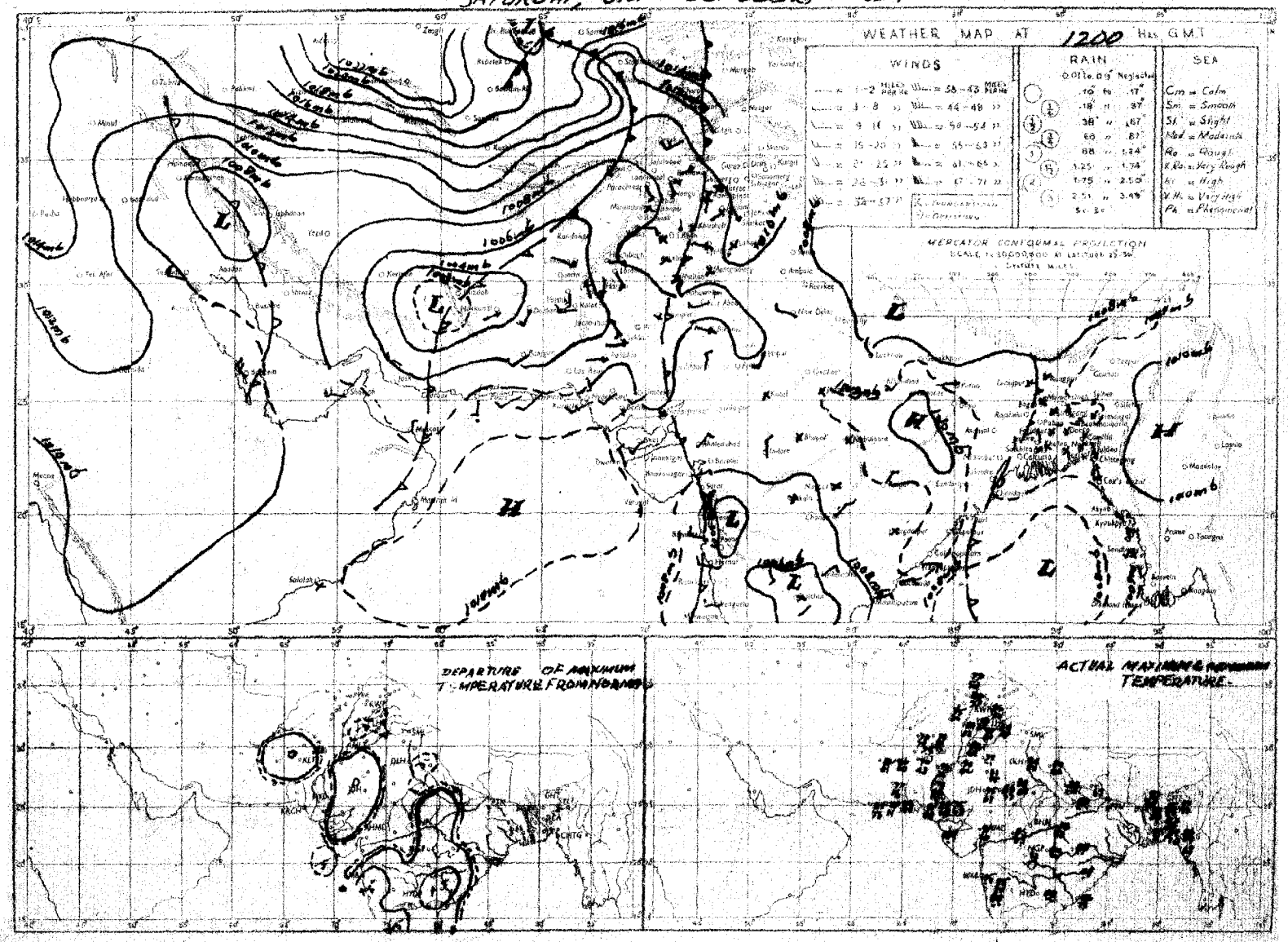
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

SATURDAY, 31st OCTOBER, 1959.



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

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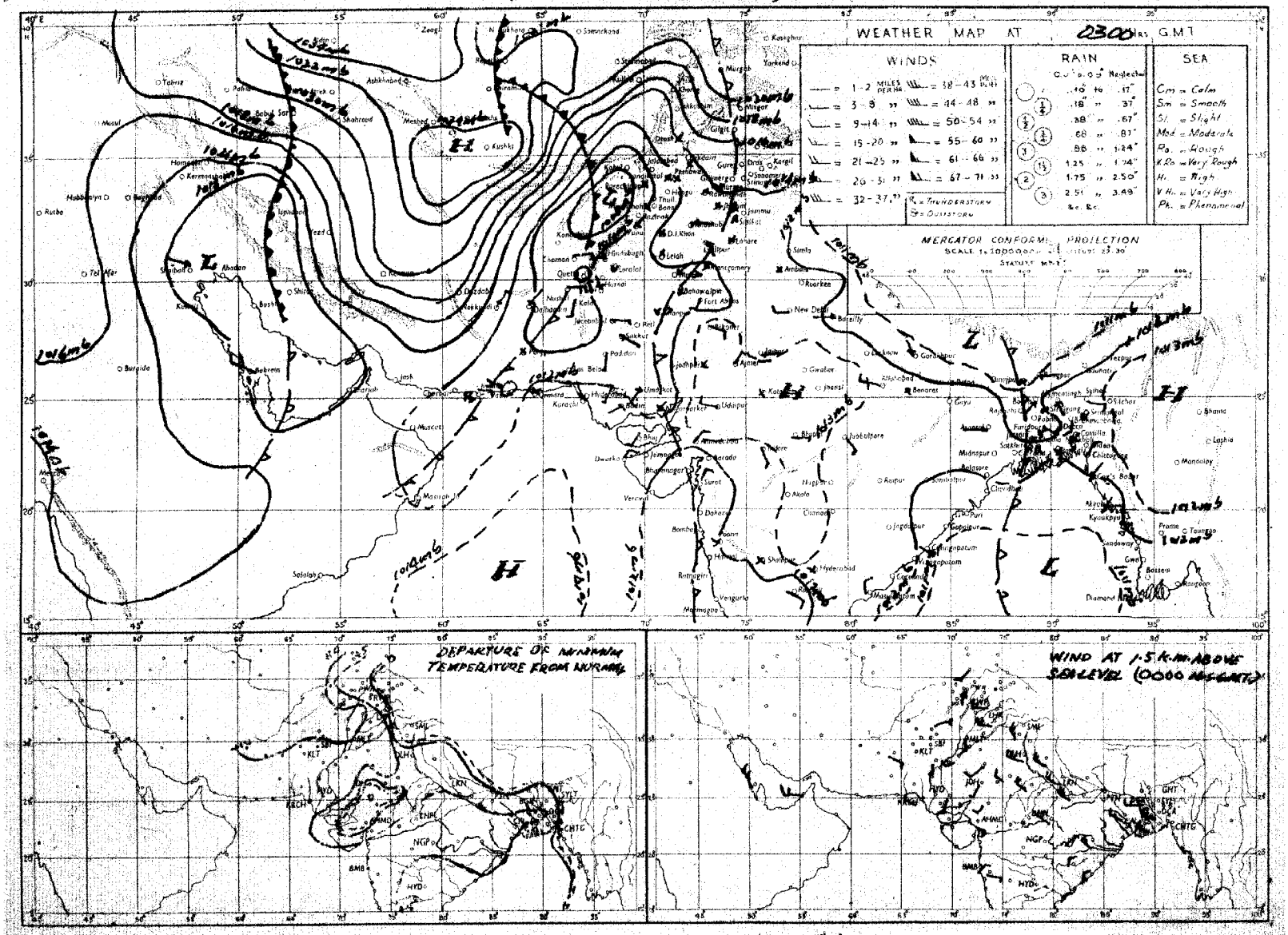
PAKISTAN DAILY WEATHER MAP

SUNDAY, 1st NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 2nd NOVEMBER, 1959.

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

Yesterday's secondary western disturbance over Afghanistan is now moving across D. I. Khan division with its associated trough extending to Kalat division and neighbourhood. It has caused widespread rain/thundershowers in Rawalpindi division, fairly widespread in Peshawar and D. I. Khan divisions, local in Quetta and south Kalat divisions and scattered in north Kalat division.

A trough of low lies in east Central Arabian Sea off Konkan-Kanara coast.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Orwara 2", Parachinar 1½", Kakul 1", Peshawar 3/4", Jehlum, Rawalpindi, Murree, Haripur and Bannu ½" each, Khushab, Chakdara, Cherat, Landikotal, Loralai and Kalat 1/4" each.

Day temperatures were:- 3—8 °F below normal in West Pakistan outside Multan, Bahawalpur, Khairpur and Hyderabad divisions and were nearly normal in East Pakistan.

Forecast valid until the evening of 3rd November, 1959. Rain/thundershowers will be fairly widespread in D. I. Khan, Peshawar and Rawalpindi divisions, local in Lahore division and Kashmir and scattered elsewhere over West Pakistan outside Hyderabad division.

Karachi-11
The 2nd November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar —	000	0	2	02	02	95	03	0	128	78	1	0	7	5	2	xx	85	000	0	1	07	03	97	01	n	139	79	0	0	9	0	4	65	71	— 1	0	0	— 0.6	131.2	140
	Chittagong —	000	0	1	02	02	xx	01	1	096	77	1	2	9	1	0	65	84	000	0	0	02	02	97	00	0	146	78	0	0	9	0	0	65	66	— 1	— 4	0	— 0.4	142.0	108
	Maijdee Court —	000	3	9	18	02	xx	00	5	xxx	xx	0	0	9	0	0	72	84	000	9	0	00	00	98	00	0	154	79	0	0	9	0	0	69	71	0	+ 2	0	— 0.3	142.7	115
	Comilla —	000	0	0	00	00	94	00	0	097	79	0	0	9	0	0	72	84	000	0	0	00	00	97	00	0	146	80	0	0	9	0	0	69	67	— 1	— 1	0	— 0.2	107.5	94
	Brahmanbaria —	000	0	1	00	00	xx	01	1	197	78	0	0	9	0	0	65	85	000	0	0	04	02	97	00	0	153	79	0	0	9	0	0	xx	69	—	—	0	0	85.2	76
	Sylhet —	000	0	1	00	00	xx	02	0	191	72	1	5	6	0	0	xx	82	000	0	1	09	09	96	02	0	150	74	1	1	6	0	0	68	65	—	—	0	—	194.0	—
	Srimangal —	000	0	1	00	00	xx	00	0	098	74	1	1	7	0	0	69	85	000	0	0	00	00	96	00	0	152	75	0	0	9	0	0	65	60	— 3	— 3	0	— 0.3	109.4	98
Dacca	Mymensingh —	000	0	2	00	00	98	01	1	107	81	2	4	5	0	0	67	86	000	0	0	13	02	98	00	0	155	75	0	0	9	0	0	71	68	+ 1	0	0	— 0.1	113.2	91
	Narayanganj —	000	9	1	00	00	xx	03	0	094	79	1	5	5	0	0	67	86	000	0	0	07	02	97	05	4	143	82	0	0	9	0	0	66	68	+ 1	— 2	0	— 0.2	103.9	74
	Dacca (Tezgaon) —	000	9	2	00	00	97	03	0	091	78	2	5	4	0	0	67	84	000	0	1	05	03	97	03	0	125	83	1	2	5	0	0	xx	70	—	—	0	—	103.6	—
	Faridpur —	000	8	0	00	00	95	05	0	093	79	0	0	9	0	0	65	85	000	9	0	00	00	96	05	0	145	78	0	0	9	0	0	65	65	+ 2	— 4	0	— 0.2	116.6	71
	Barisal —	000	0	0	00	00	97	00	0	195	83	0	0	9	0	0	70	85	000	0	0	00	00	97	01	1	145	77	0	0	9	0	0	69	69	+ 1	— 0	0	— 0.3	140.1	81
Rajshahi	Khulna —	000	0	0	00	00	xx	00	0	100	79	0	0	9	0	0	67	88	000	0	0	00	00	96	00	0	147	80	0	0	9	0	0	72	71	+ 4	+ 3	0	— 0.2	102.3	68
	Satkhira —	000	0	0	00	00	96	00	0	108	80	0	0	9	0	0	73	87	000	0	0	00	00	98	00	0	148	78	0	0	9	0	0	71	69	0	+ 3	0	— 0.1	82.1	65
	Jessore —	000	0	0	00	00	97	00	0	094	77	0	0	9	0	0	66	87	000	0	0	31	03	97	00	0	149	76	0	0	9	0	0	68	76	—	—	0	— 0.1	105.8	66
	Sirajganj —	000	0	0	00	00	93	00	0	075	77	0	0	9	0	0	77	87	000	0	0	00	00	96	00	0	142	79	0	0	9	0	0	65	65	+ 4	— 2	0	— 0.1	108.7	64
	Bogra —	000	0	0	00	00	xx	02	0	091	79	0	0	9	0	0	66	85	000	0	0	09	03	96	02	0	147	77	0	0	9	0	0	68	64	+ 1	— 2	0	— 0.1	104.8	68
	Dinajpur —	000	0	0	00	00	xx	00	0	085	79	0	0	9	0	0	67	86	000	0	0	13	02	96	01	0	143	74	0	0	9	0	0	64	63	+ 2	— 2	0	0	64.9	72
	Rangpur —	000	0	0	00	00	96	01	0	xxx	77	0	0	9	0	0	66	84	000	0	0	13	02	96	01	0	xxx	75	0	0	9	0	0	64	65	0	6	0	— 0.1	92.4	84
Kashmir	Jammu —																																								—
Lahore	Lahore (Jail Rd.) —	000	8	6	00	00	96	01	1	089	78	2	9	9	4	9	65	84	000	5	7	02	05	96	61	1	126	65	6	5	6	3	0	57	63	— 4	+ 12	0	0	26.0	19
	Sialkot —	000	1	6	00	00	97	03	1	081	78	4	4	6	3	x	58	80	000	0	7	31	03	97	02	5	126	65	7	5	6	x	x	58	63	— 6	+ 9	0	0	50.7	32
Rawalpindi	Jhelum —	000	8	7	00	00	97	02	2	083	76	4	0	9	1	8	62	81	067	1	8	05	05	96	29	9	144	61	4	7	5	2	x	58	55	—	—	0.7	—	50.7	—
	Rawalpindi —	000	0	8	00	00	96	02	2	087	74	6	0	9	9	0	61	80	065	5	6	05	02	99	02	9	148	59	4	6	6	9	0	57	56	— 2	+ 8	0.7	+ 0.7	52.9	36
	Khushab —	...	—	...	..	...	..	...	—	—	..	...	...	...	...	...	--	—	028	1	1	09	03	99	60	6	123	65	6	3	6	0	0	60	62		+ 8	0.3	+ 0.3	25.7	15
Multan	Lyallpur —	000	0	0	00	00	96	00	1	086	79	0	0	9	0	0	52	83	000	3	0	07	02	96	00	5	115	63	5	8	9	5	8	xx	63	— 3	+ 11	0	0	18.2	12
	Montgomery —	000	0	0	00	00	96	00	0	082	85	0	0	9	0	0	63	91	000	0	0	05	03	96	00	0	112	68	0	0	9	0	0	59	64	+ 2	+ 9	0	0	8.4	10
	Multan —	000	0	2	23	02	97	03	1	071	88	1	2	6	5	2	59	89	000	0	6	05	03	96	01	1	xxx	xx	5	0	6	0	2	60	64	+ 1	+ 10	0	0	8.0	7
Bahawalpur	Leiah —	000	0	5	23	03	95	07	1	092	88	5	0	9	5	0	77	93	000	0	4	29	04	98	01	2	131	65	0	0	8	9	0	59	58	—	—	0	—	6.9	8
	Khanpur —	000	0	6	00	00	97	00	0	078	87	0	0	2	2	0	62	92	000	0	5	02	03	96	01	0	113	67	5	0	9	5	0	62	63	+ 2	+ 9	0	0	1.3	6
	Bahawalpur —	000	0	4	20	02	98	00	0	112	86	0	0	7	4	0	xx	94	000	0	6	31	02	97	03	0	134	70	6	0	9	0	4	63	64	+ 1	+ 10	0	0	6.5	6
	Fort Abbas —																		000	0	0	20	02	98	00	0	116	71	0	0	9	0	0	69	74	—	—	—	—	—	4
Peshawar	Chakdara —	000	0	8	27	02	96	43	1	098	71	8	x	7	x	x	54	75	020	0	8	00	00	96	02	2	105	59	8	6	7	x	x	56	54	—	—	0.2	—	26.7	—
	Peshawar —	000	0	6	31	20	95	95	9	094	70	5	9	5	2	x	52	73	082	9	7	00	00	96	05	9	146	61	5	8	6	5	0	59	58	8	+ 5	0.8	+ 0.8	23.3	14
	Haripur —	000	5	5	13	04	97	03	2	085	73	5	0	9	0	9	50	83	061	3	6	31	04	97	01	2	112	58	6	0	9	7	0	49	55	—	—	0.6	—	32.8	—
	Campbellpur —	000	0	8	05	02	98	03	1	091	xx	5	0	9	0	7	58	78	000	9	6	27	02	98	01	9	160	66	0	0	9	0	0	58	50	—	—	0	—	35.9	—
D. I. Khan	Bannu —	000	2	8	00	00	98	02	9	096	64	8	7	6	x	x	61	76	051	0	0	00	00	99	00	0	122	60	0	0	9	0	0	58	59	—	—	0.5	—	13.4	11
	D. I. Khan —	000	6	8	00	00	97	03	0	079	75	0	0	9	8	0	60	79	000	2	5	00	00	98	02	1	134	64	0	0	9	5	0	57	61	— 6	+ 9	0	0	14.9	10
Quetta	Sibi —	000	9	6	27	02	98	03	1	084	80	6	0	5	0	0	53	86	000	3	3	00	00	98	03	1	112	65	0	0	9	0	2	52	64	—	—	0	—	5.3	5
Kalat	Nokkundi —	000	0	0	34	02	98	02	0	048	83	0	0	9	0	0	29	84	000	0	0	13	02	98	02	0	142	63	0	0	9	0	0	30	59	—	—	0	—	1.1	2
	Turbat —	000	0	0	13	02	98	00	0	002	92	0	0	9	0	0	66	92	000	0	0	09	02	94	00	0	118	72	0	0	9	0	0	67	xx	—	—	0	—	7.3	—
	Jiwani —	008	0	2	18	12	97	01	9	093	81	2	1	6	0	0	71	84	008	0	2	09	02	96	02	0	109	77	2	1	6	0	0	70	71	—	—	0.1	—	5.9	4
	Pasni —	008	0	4	20	17	98	00	0	088	83	4	2	7	0	0	75	85	013	0	2	07	03	97	00	0	105	77	2	2	7	0	0	73	77	— 3	+ 12	0.3	+ 0.3	3.4	6
	Ormara —	000	0	5	16	09	96	02	1	083	83	5	2	6	0	0	68	88	190	0	5	00	00	98	02	1	110	72	5	2	6	0	0	69	64	—	—	1.9	+ 1.9	5.9	6
	Las Bela —																																								8
Karachi Federal Area Hyderabad	Karachi (Manora) —	000	0	4	27	12	98	01	1	100	85	4	6	4	0	0	78	86	000	0	0	27	07	97	02	0	113	78	0	0	9	0	0	72	72	— 1	+ 3	0	0	16.5	9
	Karachi (Air Port) —	000	0	1	23	10	97	01	0	091	82	1	1	6	0	0	67	87	000	0	1	00	00	96	03	0	111	75	1	1	6	0	0	67	70	—	—	0	—	22.9	—
	Badin —	000	0	0	23	02	97	00	0	092	88	0	0	9	0	0	61	91	000	0	0	00	00	96	00	0	127	75	0	0	9	0	0	68	71	— 3	+ 8	0	0	11.2	9
	Nagarparkar —	000	0	0	00	00	98	00	0	075	83	0	0	9	0	0	68	94	000	0	0	00	00	98	00	0	117	83	0	0	9	0	0	66	79	—	—	0	—	30.5	—
	Umarkot —	000	0	0	23	07	98	00	0	076	89	0	0	9	0	0	58	93	000	0	0	20	03	98	00	0	110	74	0	0	9	0	0	68	67	—	—	0	—	20.3	—
	Hyderabad —	000	0	2	20	09	97	02	0	084	87	1	8	6	0	1	54	92	000	0	1	18	02	97	03	0	116	73	0	0	9	0	1	67	70	— 1	+ 7	0	0	15.4	7
Khairpur	Pad-i-dan —	000	0	0	18	03	97	02	0	075	87	0	0	9	0	0	50	90	000	0	1	16	02	97	01	0	104	68	1	0	9	1	0	62	61	—	—	0	—	7.5	—
	Nawabshah —	000	0	1	23	05	97	01	0	083	88	1	0	9	3	0	54	92	000	0	1	00	00	96	03	0	113	67	1	0	9	3	0	64	63	—	—	0	—	7.1	4
	Sukkur —	000	0	0	34	02	96	00	0	067	87	0	0	9	0	0	61	90	000	0	0	00	00	96	00	0	103	69	0	0	9	0	0	68	66	—	—	0	—	4.6	—
	Kashmore —	000	0	0	xx	xx	99	00	0	076	80	0	0	9	0	0	49	83	000	0	0	05	07	99	00	0	119	76	0	0	9	0	0	55	63	—	—	0	—	2.1	4
	Jacobabad —	000	0	2	18	02	96	03	0	072	86	0	0	9	0	3	48	89	000	0	1	07	12	97	02	0	108	71	1	0	9	3	0	58	67	— 2	+ 11	0	0	4.5	4
Junagadh	Veraval —																																								20
Afghanistan	Jalalabad —																																								—
Arabia	Muscat —																																								4
	Kuwait —																																								—
	HILL STATIONS																																								
Kashmir	Srinagar —																																								26
	Gulmarg —																																								—
	Sonamarg —																																								71
	Dras —																																								26
	Leh —																																								3
	Skardu —																																								6
	Misgar —																																								—
	Aliabad —																																								
	Gilgit —																																								5
Rawalpindi	Murree —	000	9	8	09	02	97	03	1	484	51	8	5	5	x	x	46	55	044	9	7	13	13	96	02	9	507	40	5	3	3	5	0	38	39	— 5	— 5	0.4	+ 0.4	78.9	59
Peshawar	Drosh —	000	8	8	05	17	96	03	2	484	60	8	5	6	x	x	54	69	000	8	8	00	00	96	50	5	490	53	8	5	6	x	x	43	53	0	+ 7	0	—	30.7	18
	Cherat —	000	0	8	18	01	98	03	1	494	65	8	6	6	0	0	52	67	02[illegible]	0	8	18	03	97	02	2	507	50	8	6	6	0	0	49	51	— 3	— 1	0.3	+ 0.2	31.7	29
	Kakul —	000	8	8	31	03	98	03	2	480	61	7	8	7	6	x	47	67	097	9	7	31	07	98	03	9	498	51	7	4	6	0	0	79	48	—	—	1.0	—	56.0	—
	Landi Kotal —	008	3	8	31	03	96	43	9	479	56	6	5	5	0	C	53	70	035	2	8	00	00	96	02	6	865	00	4	9	9	0	0	70	xx	—	—	0.3	—	19.2	29
	Parachinar —	080	3	8	13	02	99	03	6	499	53	7	0	9	4	2	51	xx	13[illegible]	C	8	00	00	99	03	6	797	45	3	0	9	4	1	43	xx	—	—	1.3	—	30.1	13
D. I. Khan	Miranshah —	011	3	8	10	10	98	03	6	467	60	8	3	6	0	C	53	72	011	C	4	00	00	99	03	0	480	55	4	2	7	0	0	53	50	—	—	0.1	+ 0.1	7.1	—
	Wana —	014	7	7	11	05	97	60	2	451	61	7	7	8	0	C	46	64	014	7	7	11	05	97	60	2	451	61	7	7	8	0	0	46	64	—	—		—		11
	Fort Sandeman —	000	0	6	20	05	97	03	0	475	65	6	5	6	0	5	52	71	000	0	0	25	03	97	02	0	503	55	0	0	9	0	0	48	50	— 5	+ 5	0	0	16.0	—
Quetta	Hindubagh —	013	8	7	09	02	94	05	6	450	53	3	2	9	2	0	32	60	013	1	0	31	02	96	00	0	456	47	0	0	9	0	0	31	46	—	—	0.1	—	12.7	—
	Loralai —	034	4	5	31	03	96	01	6	304	60	2	2	6	0	0	45	66	034	0	0	27	03	98	00	0	381	47	0	0	9	0	0	38	45	—	—	0.3	—	13.3	14
	Harnai —	000	5	0	27	02	95	50	2	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	+ 0.1	13.0	8
	Quetta —	011	6	8	31	03	92	02	6	481	52	6	8	6	0	0	48	64	011	9	0	00	00	94	02	1	510	50	0	0	9	0	1	27	38	—	—	0.3	+ 0.3	10.5	7
	Chaman —	000	0	0	31	05	97	00	0	494	60	0	0	9	0	0	47	78	000	0	0	13	01	96	00	0	496	58	0	0	9	0	0	39	47	— 3	+ 1	0	0	6.2	9
Kalat	Kalat —	000	0	8	36	05	97	03	2	491	52	8	7	6	0	0	45	60	020	0	0	16	05	97	00	0	516	43	0	0	9	0	0	42	40	— 7	+ 6	0.2	+ 0.2	11.2	—
	Nushki —	000	0	7	00	00	97	01	0	521	72	7	9	6	0	0	51	77	000	0	0	07	02	98	02	0	522	63	0	0	9	0	0	45	57	—	—	0	—	2.9	5
	Dalbandin —	001	4	6	36	10	95	29	9	479	66	6	9	6	0	0	56	78	001	9	3	00	00	95	10	0	401	53	1	5	7	4	0	50	52	— 5	+ 6	0.1	+ 0.1	2.3	4
	Panjgur —	007	9	4	00	00	98	03	6	488	61	0	0	9	5	0	52	75	007	0	6	00	00	98	03	1	497	62	0	0	9	6	0	57	59	— 6	+ 9	0.1	—	4.2	—
Afghanistan	Kabul —																																								12
	Kandahar —																																								

Givenin Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd NOVEMBER 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_s T_s T_d T_d$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia ...	13 156	529 00	0 34 05	98 00 0	114 80	00 9 00	26 31 0	--	0 52 76	1 24 xx
Roopat ...	13 231	593 06	1 32 07	98 02 0	115 00	86 2 10		...	0 50 70	1 32 21
Cilicia ...	13 171	561 12	0 18 05	98 00 0	105 81	00 9 00	36 81 5	--	0 52 71	1 18 xx
Roopat ...	13 245	582 12	0 34 06	98 02 0	090 84	00 9 00	76 61 0	--	0 52 68	1 34 20
Roopat ...	13 257	571 18	0 00 00	98 00 0	100 81	00 9 00	76 20 9	...	0 53 18	1 00 x0
Cillimene ...	13 260	569 18	0 09 00	98 02 0	110 82	00 9 00	35 40 2	...	0 56 66	1 00 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 ...														
Jiwani ...	00 00	007 281 192	083 225 192	--	425 155 085	..	102 062 005	350 512 585	786 585 999	489 672 999	959 888	233 999	417 125	..
Karachi ...	00 00	Misda	--	--	--	--	..	..	--	--	--	...	--	--
Lahore ...														
Multan ...														
Peshawar ...	00 00	971 155 142	--	--	400 112 112	..	054 018 018	--	--	--	..	--	--	--
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...	00 00	900 155 115	800 102 002	--	--	--	--	--	--	--	800 102 002	--	--
Karachi ...	00 00	Misda	...	..	..	--	--	--	...	...	...	--	..
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 142 142	800 068 068	350 805 999	250 935 999	--	--	--	--	..	250 935 999	--	--
Quetta ...													

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

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

UPPER WIND DATA*

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 ...	25 08	25 11	26 12	28 13	29 11	30 12	30 23	29 33	28 36	No	Ascent	..	--	..	--
Chaklala ...	..	18 01	18 03	16 03	17 04	17 07	18 10	20 13	17 13	...	...	--	---	--	--
Chhor ...	23 12	23 13	23 13	22 17	21 17	22 17	24 21	26 29	25 41	24 12	24 11	22 13	23 13	24 06	26 07
Chittagong ...	01 06	02 08	01 11	36 23	34 22	29 24		--	..	32 12	36 10	35 12	36 12	34 12	30 08
Cox's Bazar ...	02 10	02 17	01 20	29 11	--	..	--	--	..	02 18	02 18	01 13	29 15	28 10	27 09
Dacca ...	29 04	29 06	29 07	27 08	28 15	27 21	30 23	29 33	28 45	04 09	03 10	02 11	33 13	33 17	30 14
Dalbandin ...	---	--	04 20	03 26	03 16	26 04	27 08	24 26	24 38	--	--	04 13	07 21	07 14	27 07
D. I. Khan ...	..	--	--			--	--	---	..	--	--	--	--	--	--
Drosh ...	--	--	--	--	04 08	07 10	...	..	--	--	---	--	30 01	33 05	29 09
Fort Sandeman ...	..	..	--	22 18	23 22	24 15	21 14	19 14	21 12	--	...		26 06	31 05	29 13
Jacobabad ...	21 02	12 01	04 02	32 06	28 07	36 11	29 07	27 11	...	02 12	05 03	25 03	24 08	25 10	28 08
Jessore ...	27 03	31 03	32 04	31 11	31 19	28 25	26 22	28 29	28 21	28 07	22 03	11 03	01 04	33 05	30 19
Jhelum ...	08 01	06 01	07 01	24 02	21 04	20 07	21 08	22 11		No	Ascent	..	...	--	..
Jiwani ...	No	Ascent	---	---	---	..	--	--	---	No	Ascent	---	--	---	
Karachi ...	24 14	25 12	25 12	25 10	24 10	28 11	28 23	27 27	25 37	28 15	18 15	27 15	29 18	30 13	36 04
Khanpur ...	19 10	19 10	20 10	20 17	19 17	19 17	..	..	---	23 06	34 06	26 07	27 14	28 18	25 25
Lahore ...	03 04	03 03	19 02	27 10	26 09	22 12	24 17	23 26	24 25	36 14	09 05	16 03	19 10	20 13	24 15
Multan ...	21 07	23 08	23 12	24 12	24 15	23 15	21 19	22 25	23 27	01 15	01 11	28 05	25 05	25 05	29 07
Muscat ...	--	--	--	--	--	--	--	--	--	---	--	--	--	--	.
Panjgur ...	--	--	--	--	--	--	--	--	..	--	--	--	..	--	--
Peshawar ...	---	04 11	05 11	10 06	15 06	--	---	.	..	..	---	---	--	--	
Quetta ...	--	--	--	--	22 06	27 03	26 08	26 27	--	..	---	---	---	31 03	30 15
Sharjah ...	--	--	--	---			--	---	...	...	...		...	--	---
Sylhet ...	23 11	24 09	26 08	29 12	31 03	28 09	28 15	29 35	29 37	20 03	22 03	27 03	30 03	30 07	27 05
Veraval ...	---	---	---	---	---	---	---	---	--	---	--				--

Height in Kms. a.s.l. →	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	16 05	17 06	18 05	23 03	17 03	01 04	31 03	28 35	18 34	27 31	28 49
Chaklala ...	--	11 16	11 14	11 10	14 03	24 05	---	---	--	--	--
Chhor ...		--	...	--	--	--	..	..	---		--
Chittagong ...	35 06	34 07	34 10	36 10	12 05	30 09	27 15	28 21	28 21	27 22	27 33
Cox's Bazar ...	02 12	02 10	02 12	30 11	24 04	27 09	28 09	25 13	..	..	--
Dacca ...	05 06	05 07	04 09	01 13	01 12	29 15	--	--	---	..	..
Dalbandin ...	--	---	07 09	07 14	18 04	15 03	..	..	--	.	--
D. I. Khan ...			--	--	--	--	--	--	--	--	---
Drosh ...	No	Ascent	--	--	--	--		--	---	..	.
Fort Sandeman ...	--	--	--	23 07	28 08	27 14	29 24	25 21	23 41	24 37	24 41
Jacobabad ...	11 08	08 07	05 06	35 04	33 03	27 06	25 07	25 21	25 28	24 33	25 41
Jessore ...	17 03	24 01	23 13	33 01	32 06	33 25	..	---	--	--	--
Jhelum ...	02 10	36 15	33 13	13 03	19 17	...	--	---	--	--	..
Jiwani ...	No	Ascent		---	--	--		--	--	--	..
Karachi ...	27 08	26 09	26 11	28 14	27 12	18 03	22 11	24 17	25 33	25 40	25 52
Khanpur ...	02 10	36 15	33 13	13 03	19 17	..	---	..	---	..	---
Lahore ...	05 10	13 08	16 13	17 15	21 13	21 17	--	---	---	--	..
Multan ...	35 09	01 09	31 08	25 09	24 11	23 11	22 17	--	---	--	---
Muscat ...	--	--	...	.	..	---	--	---	---	--	...
Panjgur ...	--	--	...	--	..	---	---	---	..	..	---
Peshawar ...	---	---	...	--	...	..	--		...	..	--
Quetta ...		--	---	..	19 01	23 05	25 12	27 20	25 17	25 35	25 56
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

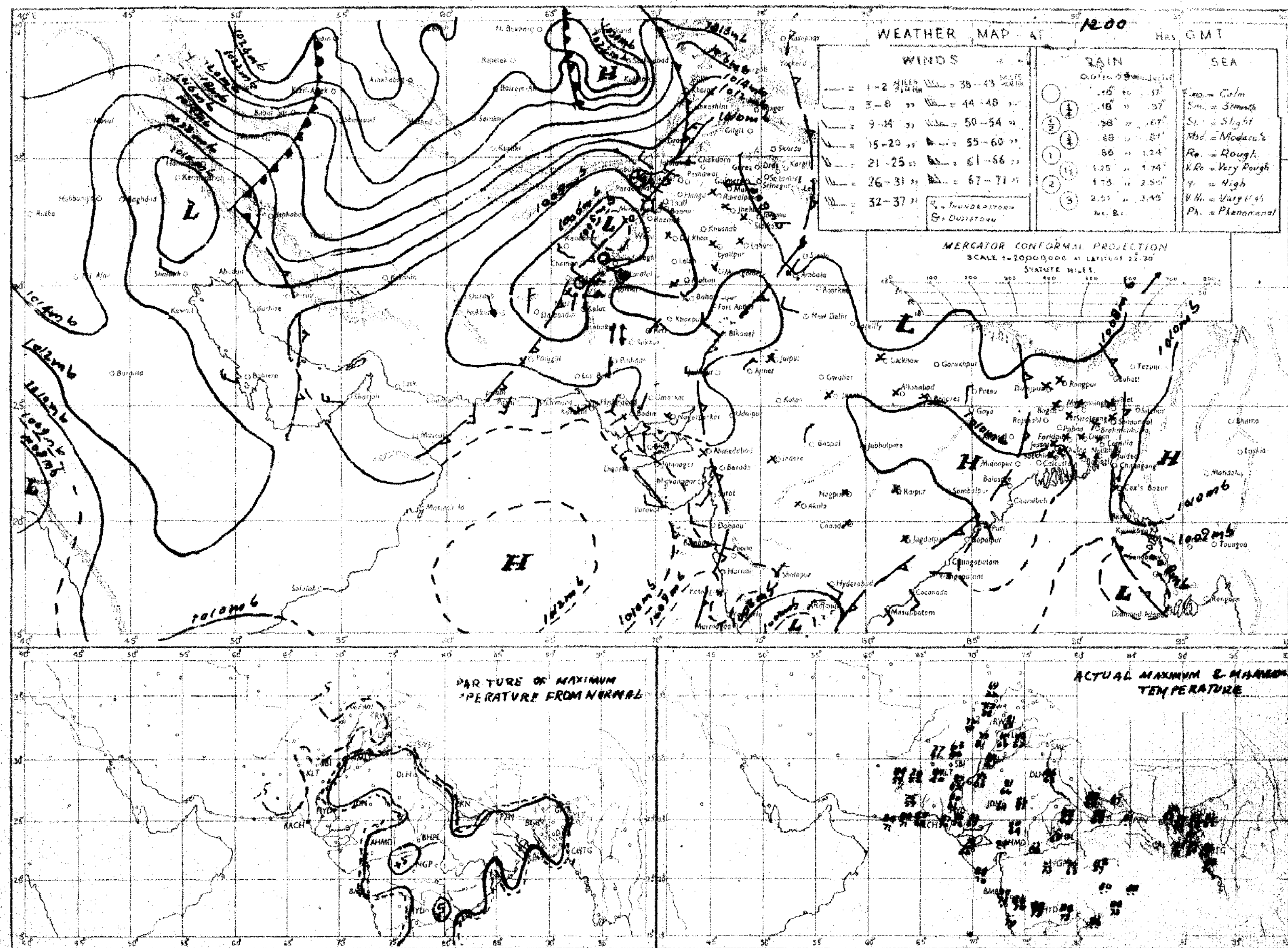
Height in g.p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...		--	--	--												--	--	--
Karcahi ...	29 15	29 15	28 18	28 19	29 25	06 07	25 05	25 15	27 26	26 39	25 54	26 90	25 89	27 65	25 81	26 69	--	--
Peshawar ...	--	...	--	--	...		..	--	--	..	..		--	--	...	...	--	
Quetta ...																		

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

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

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 NOVEMBER, 1959



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

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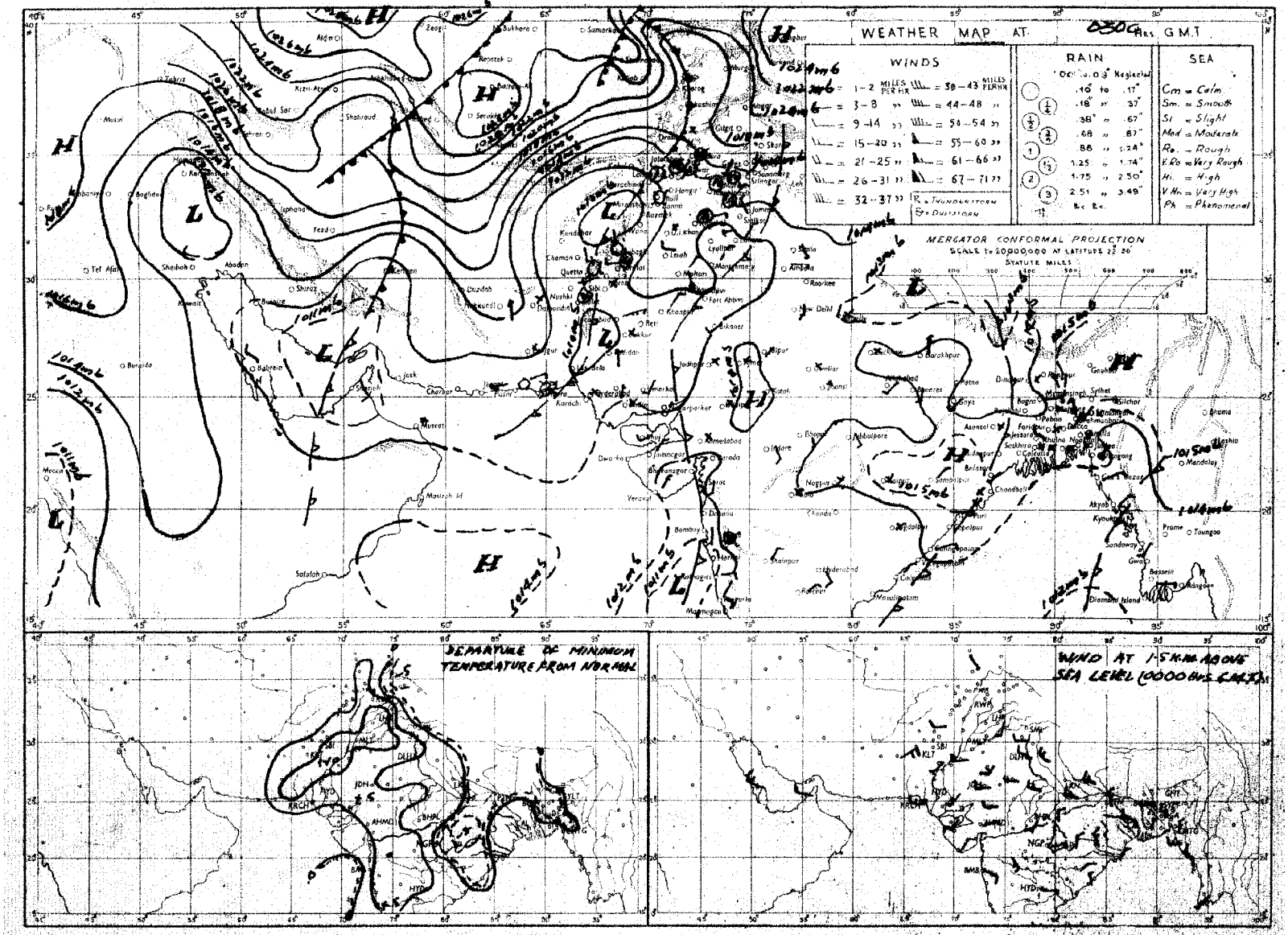
PAKISTAN DAILY WEATHER MAP

MONDAY, 2nd NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 3rd NOVEMBER, 1959.

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

Yesterday's western disturbance over D. I. Khan division moved away eastwards last evening after inducing a secondary over Kalat and adjoining Quetta divisions which is now moving across west Rajasthan adjoining Bahawalpur and Khairpur divisions.

A fresh western disturbance is moving eastwards across Russian Turkistan north of Afghanistan with its associated trough extending to south Kalat division while another one lies over southeast Iran and adjoining areas. They have caused fairly widespread rain/thundershowers in Peshawar and D. I. Khan divisions, local in Lahore, Rawalpindi, Quetta and Hyderabad divisions and the Federal Capital Area and scattered in Multan, Kalat and Khairpur divisions.

Yesterday's trough of low in east Central Arabian Sea off Konkan-Kanara coast persists.

Chief amounts of rainfall are:- Karachi Airport 2"; Chakdara, Peshawar and Hindubagh 1½" each; Cherat, Campbellpur, Bannu, Wana, Quetta and Turbat ½" each and Murree, Landikotal, Parachinar and Sukkur 1/4" each.

Day temperatures were:- 8—14 °F below normal in Peshawar, Rawalpindi, Lahore and Multan divisions and 3—7°F so elsewhere over West Pakistan and were nearly normal in East Pakistan.

Forecast valid until the evening of 4th November, 1959. Rain/thundershowers will be fairly widespread in D. I. Khan, Peshawar, Rawalpindi, Lahore divisions and Kashmir, local in Quetta and Kalat divisions and scattered elsewhere over West Pakistan.

Karachi-11
The 3rd November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	0	00	00	95	02	0	128	78	0	0	9	0	0	63	85
	Chittagong	000	0	0	02	02	xx	00	0	118	75	0	0	9	0	0	61	83
	Maijdee Court	000	9	0	00	00	xx	00	0	123	77	0	0	9	0	0	69	83
	Comilla	000	0	0	04	04	95	02	0	124	79	0	0	9	0	0	70	84
	Brahmanbaria																	
	Sylhet	000	0	1	00	00	xx	02	0	120	73	1	0	9	3	0	66	83
	Srimangal	000	0	0	00	00	xx	00	0	123	75	0	0	9	0	0	70	83
Dacca	Mymensingh	000	0	0	00	00	98	00	0	126	78	0	0	9	0	0	64	85
	Narayanganj	000	9	0	00	00	xx	05	4	119	78	0	0	9	0	0	67	86
	Dacca (Tezgaon)	000	0	1	00	00	97	01	0	118	77	1	0	9	4	0	67	84
	Faridpur	000	8	1	00	00	95	05	0	124	78	1	6	5	0	0	75	85
	Barisal	000	0	0	00	00	97	02	0	123	82	9	0	9	0	0	77	86
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	126	79	0	0	9	0	0	67	85
	Satkhira	000	0	6	00	00	97	03	1	172	79	5	3	8	3	0	72	87
	Jessore	000	0	4	36	02	97	02	1	109	80	4	4	6	0	0	69	85
	Sirajganj	000	0	0	00	00	xx	00	0	106	74	0	0	9	0	0	68	88
	Bogra	000	0	0	00	00	xx	00	0	119	79	0	0	[illegible]	0	0	67	85
	Dinajpur	000	0	0	00	00	xx	00	0	104	78	0	0	9	0	0	65	85
	Rangpur	000	0	0	00	00	96	02	0	xxx	77	0	0	9	0	0	66	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	2	00	00	96	03	6	119	73	2	0	9	3	0	61	79
	Sialkot	000	4	3	31	03	97	01	1	125	70	3	4	6	0	0	58	73
Rawalpindi	Jhelum	010	6	5	05	03	98	01	6	133	65	2	2	7	3	0	55	70
	Rawalpindi	006	2	5	11	02	99	01	6	140	62	5	[illegible]	9	7	0	58	79
	Khushab	000	0	6	00	00	99	03	1	148	71	6	4	6	0	0	59	72
Multan	Lyallpur	000	0	6	36	03	96	02	1	142	72	6	3	8	0	0	55	75
	Montgomery	000	0	0	00	00	96	00	0	130	79	0	0	9	0	0	61	85
	Multan	000	0	7	09	02	97	01	1	109	78	2	4	6	3	0	62	80
Bahawalpur	Leiah	000	0	2	02	03	97	02	0	110	80	2	0	8	7	0	58	81
	Khanpur	000	0	1	02	02	96	01	1	093	84	1	1	8	0	0	66	[illegible]
	Bahawalpur	000	0	0	00	00	97	00	0	107	83	0	0	9	0	0	64	83
	Fort Abbas	000	0	4	34	02	98	02	1	097	85	4	0	8	4	0	83	92
Peshawar	Chakdara	000	0	7	27	02	96	03	1	162	66	7	6	7	0	0	54	67
	Peshawar	085	3	8	36	11	96	17	9	139	62	8	9	3	x	x	59	73
	Haripur	000	4	4	23	06	97	03	0	108	66	4	5	6	0	0	53	70
	Campbellpur	060	8	4	13	02	98	02	6	145	66	3	0	9	1	2	57	70
D. I. Khan	Bannu	000	4	3	16	01	99	01	0	113	70	3	1	6	0	0	66	73
	D. I. Khan	000	6	0	00	00	98	02	0	110	78	0	0	9	0	0	63	81
Quetta	Sibi	000	9	3	18	02	98	03	0	088	90	3	0	9	3	0	33	92
Kalat	Nokkundi	000	2	6	34	05	97	03	0	122	69	6	0	9	2	0	42	78
	Turbat	000	0	0	06	02	96	02	0	093	83	0	0	9	0	0	80	91
	Jiwani	000	0	2	18	03	97	01	0	098	82	2	1	5	0	0	22	84
	Pasni	000	0	2	20	10	97	02	0	099	83	2	2	7	0	0	74	85
	Ormara	000	0	6	23	05	98	02	1	099	80	6	2	5	0	0	68	85
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	14	98	01	1	093	86	4	0	9	4	0	81	88
	Karachi (Air Port)	000	0	2	23	09	97	02	0	106	83	1	1	6	0	1	68	87
	Badin	000	2	2	23	02	97	03	8	094	84	2	2	7	0	0	69	90
	Nagarparkar	000	0	0	31	02	98	00	0	089	88	0	0	9	0	0	67	94
	Umarkot	000	0	2	23	05	98	02	0	086	89	2	2	6	0	0	64	91
	Hyderabad	000	0	2	23	09	97	02	0	092	86	2	8	6	0	0	62	94
Khairpur	Pad-i-dan	000	0	1	18	05	97	01	0	087	88	1	1	6	0	0	51	92
	Nawabshah	000	0	1	00	00	97	01	0	094	87	1	2	4	0	0	62	92
	Sukkur	000	0	0	02	02	96	00	0	087	85	0	0	9	0	0	57	87
	Kashmore	000	0	0	09	07	99	00	0	095	83	0	0	9	0	0	56	87
	Jacobabad	000	0	3	13	05	97	02	0	090	86	3	0	9	3	0	56	88
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	021	4	6	09	13	96	02	4	509	42	5	5	4	5	0	38	49
Peshawar	Drosh	006	7	7	23	09	96	03	4	496	53	7	5	6	0	0	40	57
	Cherat	000	0	8	18	08	92	45	2	505	54	8	5	6	x	x	54	57
	Kakul	000	7	6	34	05	98	01	5	501	57	2	4	6	3	0	50	62
	Landi Kotal	018	5	7	00	00	97	29	9	494	52	7	6	5	0	0	49	56
D. I. Khan	Parachinar	000	0	5	00	00	99	02	1	800	54	2	0	9	1	2	40	xx
	Miranshah	000	8	6	00	00	99	03	0	490	65	4	2	7	2	0	51	68
	Wana	000	7	4	23	03	99	10	2	473	66	4	0	9	6	0	31	69
	Fort Sandeman	000	0	6	00	00	97	03	0	486	69	6	0	9	7	0	47	73
Quetta	Hindubagh	000	4	6	20	09	96	03	0	457	63	5	0	9	5	4	32	65
	Loralai	000	0	4	13	03	96	02	2	387	67	4	3	6	0	0	33	71
	Harnai	000	0	6	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	5	00	00	96	02	1	480	61	5	5	6	0	0	45	63
	Chaman	000	7	5	31	05	96	01	2	498	61	5	2	8	0	0	46	65
Kalat	Kalat	004	1	6	16	09	97	01	5	501	49	6	7	7	0	0	45	64
	Nushki	000	3	8	27	21	97	03	[illegible]	519	70	8	9	6	x	x	41	77
	Dalbandin	000	3	7	05	12	94	17	9	504	62	6	9	7	3	0	45	74
	Panjgur	000	0	2	23	03	98	03	0	495	76	2	0	9	5	0	45	77
Afghanistan	Kabul	000	8	8	27	12	95	03	2	505	60	8	5	7	x	x	39	61
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	2	36	03	97	03	0	140	75	0	0	9	0	4	64	66
Chittagong	000	0	0	02	02	97	00	0	145	77	0	0	9	0	0	65	65
Maijdee Court	000	9	0	00	00	98	00	0	147	78	0	0	9	1	0	65	68
Comilla	000	0	0	00	00	97	00	0	137	76	0	0	9	0	0	67	66
Brahmanbaria	000	0	0	00	00	97	00	0	145	79	0	0	9	0	0	67	68
Sylhet	000	0	0	09	05	96	02	0	155	76	0	0	9	0	0	67	66
Srimangal	000	0	0	00	00	96	00	0	151	75	0	0	9	0	0	69	58
Mymensingh	000	0	0	00	00	98	00	0	158	76	0	0	5	0	0	67	66
Narayanganj	000	9	0	00	00	96	05	0	150	79	0	0	9	0	0	67	68
Dacca (Tezgaon)	000	9	0	36	02	97	02	0	155	76	0	0	9	0	0	68	64
Faridpur	000	9	0	00	0.	96	05	0	146	80	0	0	9	0	0	66	64
Barisal	000	0	0	31	01	97	02	1	155	77	0	0	9	0	0	68	68
Khulna	000	0	0	00	00	97	00	0	154	80	0	0	9	0	0	67	69
Satkhira	000	0	0	00	00	98	00	0	151	81	0	0	9	0	0	68	67
Jessore	000	0	0	13	02	97	00	0	150	74	0	0	9	0	0	66	67
Sirajganj	000	0	0	00	00	98	00	0	145	79	0	0	9	0	0	78	75
Bogra	000	0	0	14	02	96	02	0	150	77	0	0	9	0	0	66	66
Dinajpur	000	0	0	00	00	96	00	8	151	76	0	0	9	0	0	67	64
Rangpur	000	0	0	05	02	96	02	0	xxx	72	0	0	9	0	0	67	65
Jammu																	
Lahore (Jail Rd)	009	9	8	00	00	96	61	9	173	63	6	5	6	2	x	60	63
Sialkot	000	3	6	05	02	97	01	1	157	65	6	4	6	0	0	54	62
Jhelum	010	9	8	00	00	97	02	2	162	59	8	0	9	1	x	56	57
Rawalpindi	006	9	6	00	00	98	02	1	174	57	6	5	6	0	0	54	55
Khushab	000	0	3	36	02	99	03	1	159	62	3	3	6	0	0	59	60
Lyallpur	000	3	6	00	00	95	50	5	151	61	6	7	8	0	0	58	60
Montgomery	003	3	3	0.	00	96	01	6	144	66	3	4	7	0	0	61	62
Multan	010	1	8	31	05	96	20	5	155	66	3	9	5	5	x	63	63
Leiah	001	2	7	36	02	98	04	5	155	65	1	6	8	2	0	xx	58
Khanpur	001	x	7	34	05	96	03	6	131	68	7	0	9	7	0	67	66
Bahawalpur	000	0	8	02	03	96	03	0	142	67	8	0	8	4	x	63	65
Fort Abbas	000	0	5	07	07	98	02	1	123	66	5	5	8	0	0	63	61
Chakdara	160	3	8	00	00	96	03	6	164	55	8	6	7	x	x	47	52
Peshawar	144	9	8	00	00	96	61	9	187	58	5	5	4	2	x	56	57
Haripur	000	4	7	23	04	96	02	2	148	58	7	0	9	7	0	51	52
Campbellpur	040	9	8	00	00	97	03	5	149	60	8	1	6	x	x	55	57
Bannu	041	0	8	00	00	98	02	6	155	59	8	6	6	x	x	58	59
D. I. Khan	000	2	7	00	00	98	03	1	157	65	7	7	8	0	0	60	63
Sibi	000	3	5	00	00	98	29	9	147	66	5	0	9	3	0	55	65
Nokkundi	000	0	0	23	02	99	02	0	211	56	0	0	9	0	0	38	54
Turbat	062	0	6	09	02	92	03	6	145	68	6	0	9	6	0	57	xx
Jiwani	000	0	4	05	05	97	03	0	138	70	4	5	5	0	0	58	67
Pasni	000	0	2	02	05	97	02	0	132	74	2	0	9	2	0	57	69
Ormara	000	0	0	00	00	98	00	0	128	73	0	0	9	0	0	61	70
Las Bela																	
Karachi (Manora)	012	4	4	05	09	94	10	8	134	77	4	0	9	4	0	73	72
Karachi (Air Port)	220	5	2	00	00	96	02	6	132	71	1	1	6	3	0	69	67
Badin	008	0	0	23	02	96	00	0	135	73	0	0	9	0	0	69	71
Nagarparkar	000	0	0	34	03	98	00	0	135	82	0	0	9	0	0	67	77
Umarkot	000	0	1	23	03	96	02	0	131	77	0	0	9	0	2	68	66
Hyderabad	000	0	5	00	00	97	02	1	138	73	3	0	9	2	1	63	70
Pad-i-dan	000	0	2	29	05	97	01	1	144	70	2	0	9	7	0	63	62
Nawabshah	000	0	4	00	00	97	01	1	146	73	4	0	9	3	0	64	67
Sukkur	027	6	0	36	02	96	00	6	139	67	0	0	9	0	0	62	65
Kashmore	000	0	0	09	09	99	02	6	142	68	0	0	9	0	0	61	66
Jacobabad	006	8	5	13	03	97	02	9	142	70	3	5	7	2	0	64	68
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	021	9	8	13	19	97	03	2	527	45	8	9	3	x	x	41	39
Drosh	012	1	8	00	00	96	60	6	521	48	8	5	6	x	x	44	47
Cherat	062	2	8	36	08	94	91	6	534	48	8	5	6	x	x	48	44
Kakul	004	9	8	29	03	97	62	9	520	50	8	8	6	x	x	46	47
Landi Kotal	032	3	8	00	00	95	63	6	512	51	8	6	5	x	x	48	xx
Parachinar	035	2	9	00	00	99	61	4	798	42	9	x	0	x	x	42	xx
Miranshah	008	2	8	00	00	98	03	5	505	54	6	3	7	2	x	50	51
Wana	038	4	0	00	00	99	60	6	488	56	0	0	9	0	0	46	47
Fort Sandeman	002	0	6	00	00	97	03	5	513	56	6	5	6	0	0	49	50
Hindubagh	141	1	3	27	06	96	03	6	474	45	2	0	9	5	4	37	44
Loralai	000	0	5	00	00	96	01	1	368	47	2	2	6	0	1	45	46
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	050	9	5	00	00	94	02	6	522	46	3	3	6	1	1	44	43
Chaman	000	3	6	27	01	95	03	2	527	50	4	4	6	6	0	41	46
Kalat	004	0	7	36	05	96	02	2	533	43	7	4	7	0	0	42	41
Nushki	006	0	4	18	02	97	03	0	551	62	4	8	6	0	0	42	52
Dalbandin	005	[illegible]	3	05	02	98	03	6	519	47	1	1	7	3	0	45	45
Panjgur	010	0	4	05	05	98	03	0	524	62	4	0	9	4	0	51	54
Kabul	007	9	8	27	02	56	01	5	558	45	8	5	7	x	0	38	45
Kandahar																	

Stations (2)	Departure from Normal of Maximum Temperature TxTm (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	— 1	— 5	0	— 0.9	121.2	140
Chittagong	— 2	— 5	0	— 0.6	142.0	100
Maijdee Court	— 1	— 1	0	— 0.5	142.7	115
Comilla	— 1	— 2	0	— 0.3	107.5	94
Brahmanbaria	—	—	0	— 0.1	95.2	76
Sylhet	—	—	0	—	193.9	—
Srimangal	— 5	— 5	0	— 0.4	109.4	98
Mymensingh	+ 1	— 2	0	— 0.2	142.7	91
Narayanganj	+ 1	— 2	0	— 0.3	103.9	74
Dacca (Tezgaon)		—	0	—	103.6	—
Faridpur	+ 2	— 5	0	— 0.3	116.6	73
Barisal	+ 2	— 1	0	— 0.4	140.5	81
Khulna	+ 1	+ 1	0	— 0.3	102.3	68
Satkhira	0	+ 1	0	— 0.2	82.1	65
Jessore	—	—	0	— 0.3	105.8	65
Sirajganj	+ 5	+ 8	0	— 0.2	108.7	64
Bogra	+ 1	0	0	— 0.2	104.8	69
Dinajpur	+ 1	— 1	0	0	66.9	72
Rangpur	+ 1	0	0	— 0.1	86.9	84
Jammu						—
Lahore (Jail Rd)	— 9	+ 12	0.1	+ 0.1	26.1	19
Sialkot	— 13	+ 8	0	0	58.7	32
Jhelum	—	—	0.8	—	50.8	—
Rawalpindi	— 3	— 7	0.7	+ 0.7	53.0	36
Khushab	— 15	+ 6	0.3	+ 0.3	25.7	15
Lyallpur	— 11	+ 8	0	0	18.2	12
Montgomery	— 11	+ 7	0	0	8.4	10
Multan	— 6	+ 9	0.1	+ 0.1	8.1	7
Leiah	—	—	0	—	6.9	8
Khanpur	— 5	+ 11	0	0	1.4	6
Bahawalpur	— 8	+ 11	0	0	6.5	6
Fort Abbas	—	—	0	—	9.2	4
Chakdara	—	—	1.8	—	28.3	—
Peshawar	— 8	+ 4	2.3	+ 2.3	24.8	14
Haripur	—	—	0.6	—	32.8	—
Campbellpur	—	—	0.6	—	36.5	—
Bannu	—	—	0.9	—	13.8	11
D. I. Khan	— 4	+ 11	0	0	14.9	10
Sibi	—	—	0	—	5.3	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	0.6	—	7.9	—
Jiwani	—	—	0.1	—	5.9	4
Pasni	— 3	+ 4	0.3	+ 0.3	3.4	6
Ormara	—	—	1.9	+ 1.9	5.9	4
Las Bela						4
Karachi (Manora)	+ 1	+ 2	0.1	+ 0.1	16.6	8
Karachi (Air Port)	—	—	2.2	—	25.1	—
Badin	— 11	+ 8	0.1	+ 0.1	11.2	9
Nagarparkar	—	—	0	—	30.5	—
Umarkot	—	—	0	—	20.3	—
Hyderabad	+ 1	+ 7	0	0	15.4	7
Pad-i-dan	—	—	0	—	7.5	—
Nawabshah	—	—	0	—	7.1	—
Sukkur	—	—	0.3	—	4.9	4
Kashmore	—	—	0	—	2.1	—
Jacobabad	— 3	+ 12	0.1	+ 0.1	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 11	— 5	0.7	+ 0.6	79.1	59
Drosh	— 13	+ 1	0.1	—	30.8	18
Cherat	— 17	— 8	0.9	+ 0.8	32.3	29
Kakul	—	—	1.0	—	56.0	—
Landi Kotal	—	—	0.7	—	19.6	—
Parachinar	—	—	1.7	—	30.5	29
Miranshah	—	—	0.2	+ 0.2	7.2	13
Wana	—	—	0.4	—	14.5	—
Fort Sandeman	— 3	+ 5	0	0	16.0	11
Hindubagh	—	—	1.5	—	14.1	—
Loralai	—	—	0.3	—	13.3	—
Harnai	—	—	0.1	+ 0.1	13.0	14
Quetta	—	—	0.8	+ 0.8	11.0	8
Chaman	— 8	0	0	0	6.2	7
Kalat	— 3	+ 7	0.2	+ 0.2	11.2	9
Nushki	—	—	0.1	—	3.0	—
Dalbandin	— 9	— 1	0.1	+ 0.1	2.3	5
Panjgur	— 4	+ 4	0.1	—	4.2	4
Kabul	—	—	—	—	—	—
Kandahar						12

[illegible] Code.

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_eL_eL_e$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D,V. a PP	8 N, Ch. h,	O T, T_w T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Calimene	23 249	574 03	0 00 00	98 02 0	105 81	00 9 00	35 40 0	..	0 58 64	1 00 m0
Cilicia	23 190	588 00	0 31 05	98 02 0	023 78	00 9 00	16 48 0	..	0 53 74	1 31 mx
Calimene	23 242	582 03	2 06 05	98 02 0	113 82	32 5 00	35 70 8	..	0 56 68	1 09 20
Calimene	23 236	592 06	0 32 05	98 02 0	125 84	00 9 00	35 21 2	..	0 54 72	1 32 29
Calimene	23 237	592 06	1 09 02	98 02 0	112 84	12 5 00	35 71 3	..	0 00 66	1 32 20
Calimene	23 225	599 12	0 14 26	98 02 0	100 84	00 9 00	35 71 2	..	0 51 68	1 14 31
Cilicia	23 212	616 12	2 22 05	98 03 0	198 80	22 6 00	17 71 0	..	0 51 73	1 22 22
Calimene	23 220	598 15	0 18 11	98 02 0	112 79	00 9 00	55 21 2	..	0 52 69	1 18 32
Dorosa	23 235	675 18	1 32 05	99 02 0	132 81	00 9 01	74 10 3	..		
Calimene	23 212	594 18	0 18 12	98 02 0	125 81	00 9 00	55 11 3	..	0 01 66	1 19 32
Cilicia	23 180	573 18	0 03 05	98 00 0	122 78	00 9 00	16 41 9	..	0 52 72	1 02 mx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$	1000 mb HHHTTT T$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca														
Rawal	00 00	...	Misda	...	...	..	..	..	...	...	..	..	..	..
Karachi														
Lahore	00 00	009 208 195	Misda	...		..			...		...	...	..	...
Multan														
Peshawar	23 00	975 152 142	...	...	500 102 102	..	098 002 002	321 568 568	728 645 645	400 730 999	946 865	218 002	..	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca													
Rawal	00 00		Misda	..	...	...	..	..	...	..		...	..
Karachi													
Lahore	00 00	...	Misda	..			..	..	...	...	...	..	..
Multan													
Peshawar	23 00	900 135 135	800 065 065	350 780 999	250 950 999	180 020 999	...	..	..	..	180 020 999	...	..
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.)
Sr—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 K.ms. 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	4	6.0	A 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra	23 05	21 04	22 05	22 03	36 02	31 24	..	...	...	16 02	19 01	25 01	31 02	34 02	30 16	05 09	04 01	01 03	35 02	33 04	29 17	27 30	29 43	27 42	..	...
Chaklala											06 05	11 07	10 06	10 05			26 05	15 09	15 15							
Chhor	21 06	23 07	23 08	22 08	22 08	24 13	26 28	25 40	25 50	25 19	25 15	24 14	33 14	25 11	23 13											
Chittagong	35 13	35 15	35 15	35 12	08 05	15 10	29 15	27 25	..	02 10	22 13	05 05	06 05	32 08	26 07	36 07	01 06	06 07	04 09	02 03	23 03					
Cox's Bazar	34 14	34 11	34 09	07 04						36 14	36 10	02 03	09 05	30 08	23 04	02 06	02 06	06 06	05 07	27 06	03 04					
Dacca	02 05	26 06	35 04	32 07	02 05	33 11	29 27	27 26	27 33	02 08	36 07	34 10	03 06	33 13	26 33	26 06	01 09	02 09	03 12	04 09	34 18	28 30	27 29	28 30	27 40	27 48
Dalbandin			03 21	06 16	12 08							02 11	02 11	35 10	29 15			08 08	06 10	05 09	02 08	27 23	25 39	25 47		
D. I. Khan																										
Drosh					23 11	22 18							20 02	20 30	03 05	No	Ascent		26 01	32 02	21 11					
Fort Sandeman				31 06	27 07	22 06							18 03	21 02	26 17											
Jacobabad	14 07	13 06	13 06	12 06	17 06	23 09	23 16			06 06	07 04	01 03	35 04			17 03	18 04	16 04	31 04	31 05	26 07	22 25	24 39	24 48	24 58	
Jacobabad	12 05	12 02	28 03	28 08						34 01	01 03	36 05	02 07	34 12	28 14											
Multan	03 17	03 23	04 19	14 13	19 15	23 21	23 23	23 20	22 26	32 07	09 09	12 15	13 07	18 05	26 09	33 02	12 15	13 27	14 14	16 09	16 14					
Rawal	No	Ascent								No	Ascent					No	Ascent									
Karachi	24 19	25 15	27 14	27 15	27 09	18 08	25 26	25 33	25 38	27 10	27 15	27 15	28 17	26 15		25 02	26 07	26 10	26 12	27 11	26 10	23 25	24 30	24 37	24 52	
Khanpur	05 02	09 02	22 02	23 05	23 05	23 11	23 11			28 21	29 23	29 36	34 16	02 21		05 09	05 15	05 17	13 07	22 11	24 23	29 19				
Lahore	03 18	05 08	16 08	22 11	22 13	22 21	25 22	25 26	25 33	11 13	15 14	17 11	33 12	27 11	23 21	No	Ascent									
Multan	04 07	02 08	01 08	27 04	27 06	27 13	25 29	24 27		01 10	01 15	01 16	33 05	27 12	20 23	02 10	02 12	33 05	32 06	21 07						
Muscat																										
Panjgur																										
Peshawar																										
Quetta					30 05	20 13	22 27	25 29	26 47					36 01	29 09					30 03	25 11			28 41		
Sharjah																										
Sylhet	29 11	29 05	02 05	10 05	06 11	29 05				08 09	07 07	08 08	06 05	06 09	26 13	15 01	06 03	05 03	09 09	06 10	35 12	27 34	26 36			
Varvan																										

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

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

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

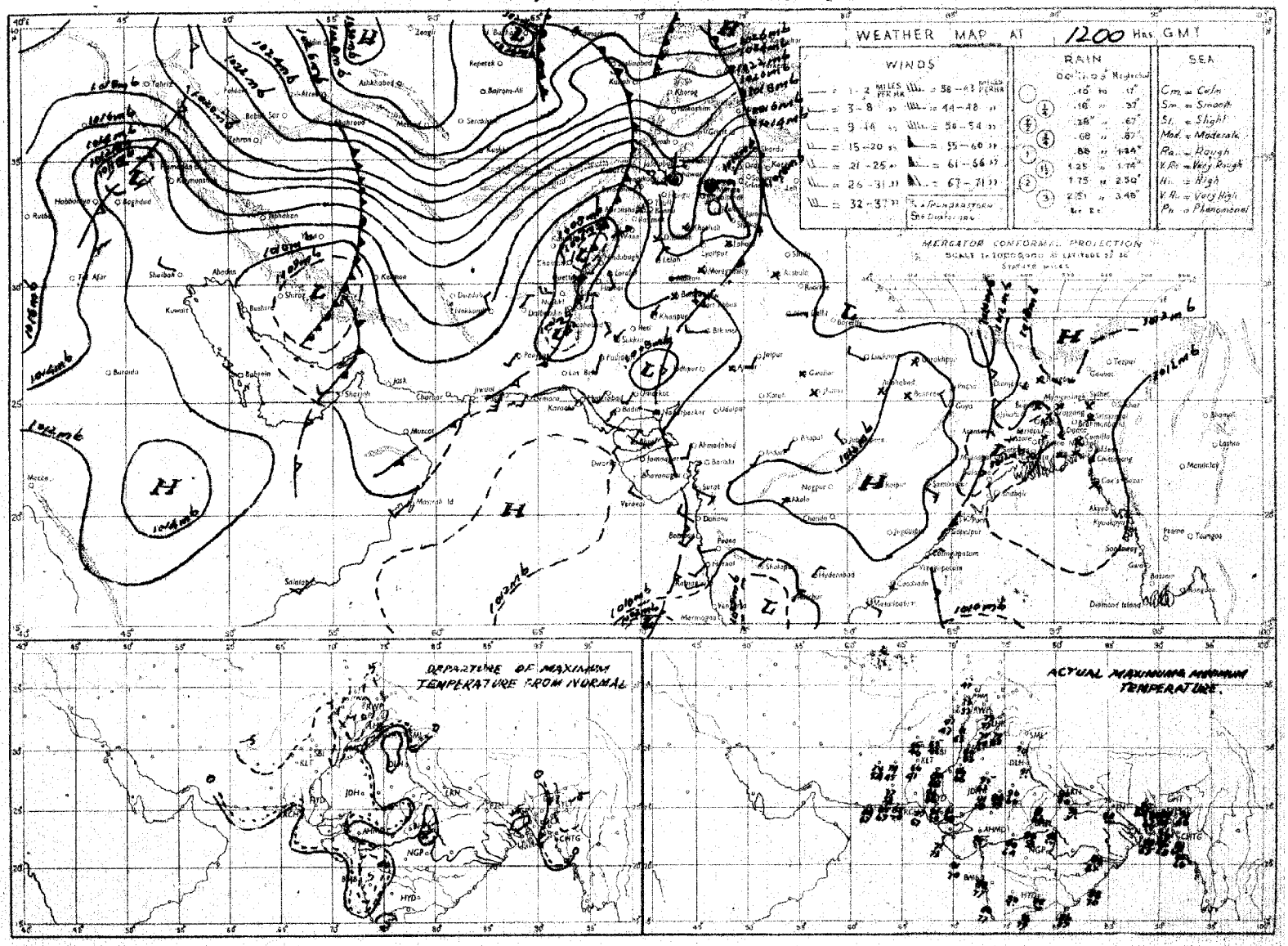
11 715 327 13

35 712 32 543

Accuracy of individual entries in 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

MONDAY, 2nd NOVEMBER, 1959



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

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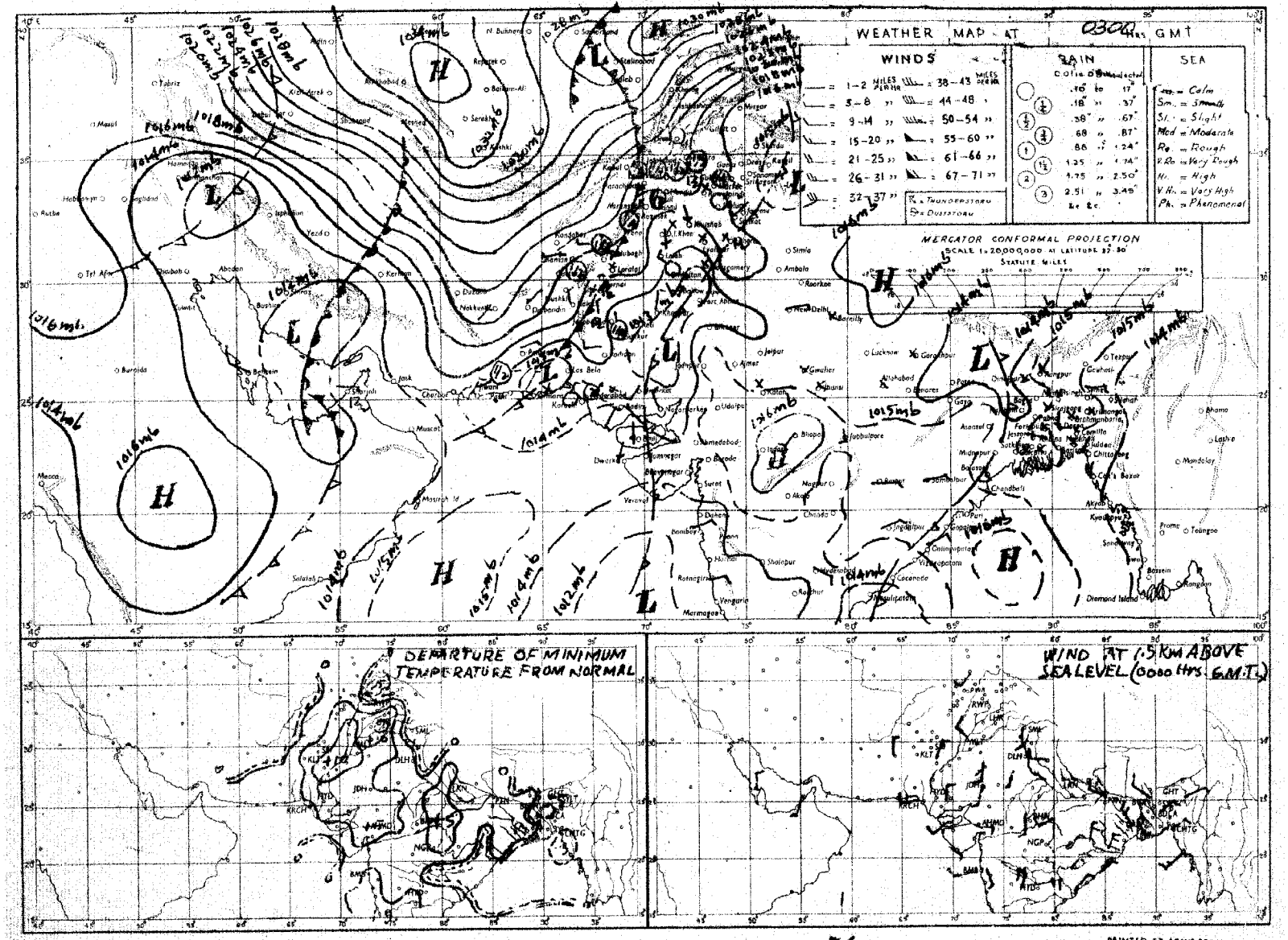
PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd NOVEMBER, 1959



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

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WEDNESDAY THE 4th NOVEMBER, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over west Rajasthan and neighbourhood moved away eastwards.

The trough over south Kalat division is moving across D. I. Khan and adjoining Quetta divisions.

A well-marked low lies over north Arabian Sea and adjoining Oman.

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

Weather remained dry over East Pakistan.

Chief amounts of rainfall are:- Sibi 1½"; Chakdara and Cherat 1" each; Jiwani 3/4"; Drosh, Loralai and Nokkundi ½" each and Lyallpur, Peshawar, Landikotal, Parachinar, Fort Sandeman and Harnai 1/4" each.

Day temperatures were:- 8—20 °F below normal over West Pakistan outside south Kalat and Hyderabad divisions and the Federal Capital Area where they were 3—4°F below normal.

Forecast valid until the evening of 5th November, 1959. Rain/thundershowers will be fairly widespread in Kalat, Quetta, D. I. Khan, Peshawar, and Rawalpindi divisions, local in Lahore and Multan divisions, the Federal Capital Area and Kashmir and scattered elsewhere over West Pakistan. Weather will be dry in East Pakistan.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Kalat, Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and the Federal Capital Area during the next 24 hours.

Karachi-11
The 4th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	34	03	95	01	0	106	77	0	0	9	0	6	59	85
	Chittagong	000	0	0	36	02	xx	00	0	100	76	0	0	9	0	0	63	84
	Maijdee Court	000	0	9	00	00	xx	00	0	113	77	0	0	9	0	0	71	83
	Comilla	000	0	0	00	00	95	02	0	114	79	0	0	9	0	0	70	84
	Brahmanbaria	000	0	0	00	00	xx	00	0	116	76	0	0	9	0	0	70	63
	Sylhet	000	0	0	27	02	xx	02	0	110	73	0	0	9	0	0	66	85
	Srimangal	000	0	0	00	00	xx	00	0	113	72	0	0	9	0	0	67	85
Dacca	Mymensingh	000	0	0	00	00	98	00	0	121	79	0	0	9	0	0	63	85
	Narayanganj	000	0	0	00	00	xx	05	4	110	78	0	0	9	0	0	68	86
	Dacca (Tejgaon)	000	0	0	00	00	97	02	0	104	75	0	0	9	0	0	65	83
	Faridpur	000	9	0	00	00	96	00	0	135	78	0	0	9	0	0	65	84
	Barisal	000	0	0	00	00	97	02	1	115	80	0	0	9	0	0	69	84
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	119	79	0	0	9	0	6	xx	84
	Satkhira	000	0	0	00	00	98	00	0	114	80	0	0	9	0	0	68	85
	Jessore	000	0	0	00	00	97	00	0	119	81	0	0	9	0	0	69	85
	Sirajganj	000	0	0	00	00	93	00	0	108	76	0	0	9	0	0	71	86
	Bogra	000	0	0	00	00	xx	00	1	115	80	0	0	9	0	0	68	84
	Dinajpur	000	0	0	00	00	xx	00	0	118	80	0	0	9	0	0	68	85
	Rangpur	000	0	0	00	00	96	02	0	xxx	79	0	0	9	0	0	67	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	008	8	7	05	03	96	02	6	115	66	5	5	7	7	0	61	70
	Sialkot	000	5	8	00	00	97	20	5	151	65	8	7	5	x	x	61	71
Rawalpindi	Jhelum	000	8	7	00	00	97	02	2	159	67	0	2	7	2	0	59	72
	Rawalpindi	000	0	7	09	02	99	02	2	158	65	3	5	6	7	0	60	67
	Khushab	000	0	6	13	02	99	02	1	160	71	6	3	6	0	0	60	73
Multan	Lyallpur	030	3	7	16	02	96	51	5	160	64	7	7	8	0	0	61	66
	Montgomery	013	0	8	05	07	96	00	2	139	65	4	6	6	4	2	61	74
	Multan	000	0	6	27	02	97	01	2	143	72	3	5	6	5	0	64	73
Bahawalpur	Leiah	000	0	8	05	03	97	03	2	140	77	1	6	8	9	x	58	77
	Khanpur	000	0	4	02	06	96	00	3	129	78	4	0	9	5	0	65	83
	Bahawalpur	000	5	6	02	03	97	03	1	143	80	6	0	8	2	0	64	81
	Fort Abbas	000	0	2	02	03	98	00	0	098	81	0	0	8	2	0	78	88
Peshawar	Chakdara	059	9	8	13	07	96	43	6	178	53	8	6	7	x	x	47	55
	Peshawar	002	4	6	13	03	97	02	6	162	59	3	7	5	3	1	50	62
	Haripur	009	6	7	05	04	96	03	5	143	60	7	0	9	9	0	54	65
	Campbellpur	000	0	7	05	03	97	03	2	192	61	0	0	7	0	0	55	62
D. I. Khan	Bannu	000	0	6	00	00	99	02	2	145	66	6	5	6	0	0	57	71
	D. I. Khan	000	4	6	05	02	98	03	0	143	73	0	0	9	6	0	61	75
Quetta	Sibi	000	9	5	31	02	98	03	1	118	86	0	0	9	3	2	48	87
Kalat	Nokkundi	000	0	0	34	05	98	02	0	168	65	0	0	9	0	0	29	70
	Turbat	000	0	0	05	02	94	03	0	115	80	0	0	9	6	0	25	91
	Jiwani	044	1	8	36	02	96	63	5	135	67	8	0	9	2	x	66	84
	Pasni	000	0	4	16	07	97	00	0	115	83	1	3	7	2	0	60	84
	Ormara	000	0	0	09	03	98	00	0	115	83	0	0	9	0	0	62	84
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	10	98	01	1	114	85	4	0	9	4	0	78	87
	Karachi (Air Port)	000	0	3	23	09	97	03	0	112	85	3	1	6	0	0	65	86
	Badin	000	0	0	23	00	97	00	0	112	87	0	0	9	0	0	61	90
	Nagarparkar	000	0	0	00	00	98	00	0	110	97	0	0	9	0	0	68	93
	Umarkot	000	0	2	31	03	98	00	0	105	87	2	2	6	0	0	63	90
	Hyderabad	000	1	0	00	00	97	01	0	117	85	1	8	6	0	0	62	89
Khairpur	Pad-i-dan	000	0	1	34	03	97	01	0	114	82	1	1	6	0	0	58	84
	Nawabshah	000	0	2	36	02	97	01	1	119	84	2	2	6	0	0	63	86
	Sukkur	000	6	1	02	02	96	01	0	117	79	0	0	9	0	3	61	84
	Kashmore	008	0	3	09	05	99	00	0	118	79	3	1	8	0	0	57	81
	Jacobabad	000	0	3	13	02	97	02	1	120	81	2	1	6	0	9	61	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	013	3	9	11	25	98	49	6	520	42	9	x	0	x	x	42	43
Peshawar	Drosh	044	8	8	00	00	96	03	6	524	48	8	5	6	x	x	45	49
	Cherat	003	6	8	31	05	93	44	6	560	49	8	5	6	0	0	50	50
	Kakul	005	4	8	23	05	96	53	5	533	52	8	7	6	x	x	48	55
	Landi Kotal	012	8	8	16	03	96	02	6	512	52	8	6	5	0	0	48	59
D. I. Khan	Parachinar	030	6	6	26	02	99	03	6	807	45	3	0	9	3	0	43	xx
	Miranshah	000	0	4	05	02	99	01	2	503	60	4	2	8	0	0	51	62
	Wana	000	7	5	20	02	99	10	2	481	61	5	2	8	0	0	35	64
	Fort Sandeman	000	0	6	00	00	97	02	0	513	58	6	5	6	0	0	49	68
Quetta	Hindubagh	000	4	4	25	07	96	03	0	462	55	0	0	9	3	4	32	57
	Loralai	000	0	6	13	03	95	02	2	374	64	4	3	5	0	1	43	64
	Harnai	000	0	8	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	5	00	00	96	02	0	501	56	5	5	8	0	0	45	57
	Chaman	000	9	3	31	05	96	01	2	517	61	3	2	8	0	0	45	63
Kalat	Kalat	000	6	7	02	10	97	02	2	515	49	7	4	7	0	0	43	55
	Nushki	000	0	8	31	11	96	03	0	536	63	8	9	6	0	0	44	64
	Dalbandin	000	8	7	05	09	97	03	1	522	63	1	1	7	4	0	40	66
	Panjgur	000	0	8	36	05	98	03	2	516	69	0	0	9	6	0	40	62
Afghanistan	Kabul	029	3	6	27	02	95	03	7	558	50	8	5	6	0	0	39	51
	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 November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal
Chittagong	Cox's Bazar	000	0	1	31	02	97	01	0	137	77	0	0	9	0	8	66	66	— 1	— 5	0	— 1.2	121.2	140
	Chittagong	000	0	0	02	02	97	00	0	145	77	0	0	9	0	0	69	66	— 1	— 4	0	— 0.7	142.0	108
	Maijdee Court	000	9	0	00	00	98	00	0	144	73	0	0	9	0	0	71	69	— 1	0	0	— 0.7	142.7	115
	Comilla	000	0	0	00	00	97	00	0	136	77	0	0	9	0	0	69	66	— 1	— 2	0	— 0.4	107.5	94
	Brahmanbaria	000	1	1	05	02	97	03	1	139	79	1	1	5	0	0	60	68	—	—	0	— 0.1	95.3	76
	Sylhet	000	0	0	09	09	97	02	0	143	74	0	0	9	0	0	67	65	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	96	00	0	147	75	0	0	9	0	0	66	59	— 3	— 4	0	— 0.5	109.4	[illegible]
Dacca	Mymensingh	000	0	0	09	02	98	00	0	154	76	0	0	9	0	0	67	66	+ 1	— 2	0	— 0.3	142.7	81
	Narayanganj	000	9	0	00	00	97	05	4	146	78	0	0	9	0	0	66	68	+ 1	— 2	0	— 0.4	181.9	74
	Dacca (Tejgaon)	000	9	0	36	03	97	02	0	143	76	0	0	9	0	0	67	64	—	—	0	—	103.6	—
	Faridpur	000	9	0	36	02	96	05	0	146	78	0	0	9	0	0	65	65	+ 1	— 4	0	— 0.4	116.6	71
	Barisal	000	0	0	05	01	97	02	2	145	76	0	0	9	0	0	68	69	0	0	0	— 0.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	98	00	0	154	79	0	0	9	0	0	66	68	0	0	0	— 0.3	102.3	68
	Satkhira	000	0	0	00	00	95	00	0	152	78	0	0	9	0	0	65	71	— 2	+ 5	0	— 0.2	82.1	66
	Jessore	000	0	0	05	03	97	00	0	150	75	0	0	9	0	0	67	65	—	—	0	— 0.4	106.0	65
	Sirajganj	000	0	0	00	00	98	00	0	142	80	0	0	9	0	0	74	66	+ 3	— 1	0	— 0.2	108.7	64
	Bogra	000	0	0	36	02	96	02	0	149	75	0	0	9	0	0	66	66	0	8	0	— 0.3	10.4	69
	Dinajpur	000	0	0	00	00	96	00	0	148	68	0	0	9	0	0	68	64	+ 1	— 1	0	0	66.9	72
	Rangpur	000	0	0	05	02	96	01	0	xxx	74	0	0	9	0	0	68	64	0	— 1	0	— 0.1	66.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	008	9	0	05	03	96	01	5	168	63	0	0	9	0	0	59	60	— 18	+ 9	0.2	+ 0.2	26.2	19
	Sialkot	...	...		...	...	...	...	...	...	—	...	...	—	...	...	...	...	— 15					32
Rawalpindi	Jhelum	000	0	3	31	07	98	01	0	179	61	0	0	9	0	1	55	57	—	—	0.8	—	50.8	—
	Rawalpindi	000	0	4	27	02	99	01	1	197	55	0	0	9	0	8	54	52	— 15	+ 4	0.7	+ 0.7	51.0	36
	Khushab	000	0	0	36	02	99	00	0	175	63	0	0	9	0	0	58	59	— 14	+ 5	0.3	+ 0.3	28.7	15
Multan	Lyallpur	037	9	0	36	02	96	00	5	175	59	0	0	9	0	0	57	57	— 20	+ 5	0.4	+ 0.4	18.6	12
	Montgomery	000	6	0	00	00	96	00	0	159	62	0	0	9	0	0	55	59	— 15	+ 4	0	0	8.4	10
	Multan	000	0	7	36	05	97	03	1	181	64	0	5	5	5	0	59	61	— 15	+ 7	0.1	+ 0.1	8.1	7
Bahawalpur	Leiah	000	0	8	40	00	99	03	2	183	64	3	7	7	9	0	58	61	—	—	0	—	6.9	8
	Khanpur	000	0	1	36	06	96	03	0	171	65	1	1	8	4	0	61	62	— 8	+ 7	0	0	1.4	6
	Bahawalpur	000	0	0	02	03	96	00	0	171	66	0	0	9	0	0	63	64	— 10	+ 10	0	0	6.5	8
	Fort Abbas	000	0	0	07	05	98	00	0	155	67	0	0	9	0	0	62	63	—	—	0	—	9.3	4
Peshawar	Chakdara	104	0	6	00	00	96	03	2	207	50	6	4	7	0	0	xx	49	—	—	2.8	—	29.4	—
	Peshawar	028	9	7	13	03	98	02	6	222	55	1	5	6	2	7	53	53	— 19	0	3.5	+ 2.5	25.1	44
	Haripur	004	0	0	05	04	97	00	0	170	56	0	0	9	0	0	47	51	—	—	0.7	—	31.9	—
	Campbellpur	015	9	6	05	02	98	00	2	244	58	6	2	3	0	0	55	54	—	—	0.7	—	34.7	—
D. I. Khan	Bannu	000	2	8	00	00	98	02	0	193	59	8	6	6	x	x	55	57	—	—	0.9	—	13.8	11
	D. I. Khan	000	3	6	31	02	98	02	1	184	64	0	0	9	0	0	57	61	— 10	+ 9	0	0	14.9	10
Quetta	Sibi	135	3	8	00	00	53	58	5	177	61	8	7	3	8	0	59	60	—	—	1.4	—	6.6	5
Kalat	Nokkundi	052	8	5	29	05	95	50	6	228	44	0	0	9	2	0	40	42	—	—	0.5	—	1.6	2
	Turbat	000	0	0	05	02	96	01	0	054	66	0	0	9	6	0	50	xx	—	—	0.6	—	7.9	—
	Jiwani	069	0	8	36	10	96	02	5	122	62	0	0	9	3	x	55	60	—	—	0.8	—	6.6	4
	Pasni	000	1	7	34	10	97	00	5	128	67	7	6	7	0	0	59	65	— 4	0	0.2	+ 0.2	3.4	6
	Ormara	010	2	7	09	02	97	02	6	135	71	7		5	0	9	66	67	—	—	2.0	+ 2.0	6.1	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	02	12	93	52	2	150	73	0	0	9	2	0	71	70	0	0	0.1	+ 0.1	16.6	8
	Karachi (Air Port)	004	4	8	31	02	96	51	5	155	70	2	5	5	2	x	68	69	—	—	2.2	—	25.1	—
	Badin	000	0	0	23	02	96	00	0	136	74	0	0	9	0	0	66	69	— 4	+ 6	0.1	+ 0.1	11.2	9
	Nagarparkar	000	0	0	00	00	98	00	0	130	84	8	0	9	0	0	66	79	—	—	0	—	30.5	—
	Umarkot	000	0	2	09	03	98	00	0	130	69	1	0	9	4	2	61	63	—	—	0	—	20.3	—
	Hyderabad	000	0	5	36	02	97	03	0	143	71	3	0	9	2	1	63	68	— 4	+ 5	0	0	15.4	7
Khairpur	Pad-i-dan	000	0	5	36	05	97	03	0	151	67	5	0	9	7	0	61	63	—	—	0	—	7.5	—
	Nawabshah	000	0	3	36	02	96	02	1	157	68	3	0	9	2	0	63	65	—	—	0	—	7.1	—
	Sukkur	000	9	6	02	05	96	03	2	153	67	0	0	9	0	0	60	65	—	—	0.3	—	4.9	4
	Kashmore	000	0	4	09	09	99	00	8	159	71	4	1	7	0	0	58	67	—	—	0	—	2.1	—
	Jacobabad	004	3	6	31	05	97	02	6	162	67	3	8	6	3	8	64	65	— 8	+ 9	0.1	+ 0.1	4.6	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	013	9	5	13	09	98	02	1	548	48	0	8	9	8	4	35	40	— 17	— 4	0.8	+ 0.7	79.2	59
Peshawar	Drosh	062	8	7	00	00	96	03	6	570	46	4	8	6	6	8	43	45	— 20	— 1	0.7	—	31.4	18
	Cherat	124	0	8	36	11	98	01	4	552	47	2	6	6	0	8	46	41	— 20	— 11	2.1	+ 2.1	33.5	29
	Kakul	017	5	7	35	27	98	xx	4	443	50	1	5	7	9	1	48	46	—	—	1.2	—	56.2	—
	Landi Kotal	018	0	8	00	10	97	03	2	547	50	6	6	5	0	0	49	xx	—	—	0.9	—	19.7	—
D. I. Khan	Parachinar	030	0	4	00	00	99	00	0	804	40	0	0	9	0	0	32	xx	—	—	1.9	—	30.8	29
	Miranshah	000	0	8	00	00	98	03	2	522	54	6	2	7	2	0	48	51	—	—	0.2	+ 0.2	7.2	13
	Wana	000	0	8	00	00	99	00	3	517	50	8	7	7	0	0	45	48	—	—	—	—	—	—
	Fort Sandeman	019	2	8	00	00	96	03	6	541	51	8	5	5	0	0	50	51	— 8	+ 6	0.2	+ 0.2	16.2	11
Quetta	Hindubagh	000	2	8	05	05	93	24	5	491	44	4	3	9	5	4	35	43	—	—	1.5	—	14.7	—
	Loralai	041	3	8	27	02	95	02	6	353	49	8	7	4	0	8	47	47	—	—	0.7	—	13.7	—
	Harnai	035	6	3	09	02	96	32	4	454	31	8	0	9	0	0	xx	xx	—	—	0.5	+ 0.5	13.3	14
	Quetta	018	9	8	00	00	94	02	2	515	51	5	8	6	0	0	40	44	—	—	0.9	+ 0.9	11.1	8
	Chaman	008	3	5	27	01	95	03	2	510	47	3	2	6	6	0	36	46	— 10	0	0	0	6.2	7
Kalat	Kalat	009	2	7	36	02	97	01	5	528	43	7	7	6	0	0	43	41	— 12	+ 7	0.3	+ 0.3	11.3	9
	Nushki	000	0	9	27	05	97	03	0	605	50	9	9	6	0	0	37	49	—	—	0.1	—	3.0	—
	Dalbandin	002	8	8	09	02	97	03	5	516	50	3	4	7	2	x	42	47	— 17	+ 1	0.1	+ 0.1	2.4	5
	Panjgur	0L0	0	7	31	07	98	03	1	525	56	0	0	9	6	0	39	48	— 19	— 2	0.1	—	4.2	4
Afghanistan	Kabul	001	9	6	32	00	97	01	9	599	42	4	5	8	0	0	38	35	—	—	—	—	—	—
	Kandahar																							12

Simple Code.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dwd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	33 230	643 03	0 18 05	98 02 0	122 78	00 9 00	16 40 0	—	0 54 78	1 18 22
Caltex the Hague	33 222	602 06	3 21 15	97 02 0	119 79	31 3 00		—	0 52 75	1 21 21
Cilicia	33 241	658 06	6 27 09	98 02 0	145 81	12 7 00	16 21 6	...	0 52 77	1 27 21
Britule Riblance	32 248	614 12	8 02 13	97 50 1	125 75	47 4 9x		...	...	...
Dara	33 249	645 18	0 12 02	98 00 0	125 91	00 0 00	25 40 0	...	0 51 72	1 00 00
Daressa	33 247	662 18	1 23 09	99 13 0	127 81	10 9 01	65 00 0	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 202 172	000 230 110	...	490 155 062	..	133 082 999	409 508 959	874 532 999	604 648 999	970 825	245 035	427 152	..
Jiwani ...														
Karachi ...	00 00	010 225 222	109 185 155	..	485 095 068	..	087 015 502	313 572 588	713 652 999	357 758 999	940 858	212 028	393 142	...
Lahore ...	00 00	Misda	...	...						...	..	...	..	..
Multan ...														
Peshawar ...	00 00	978 122 122	...	...	500 082 092	..	109 002 512	328 572 622	730 645 732	389 755 999	941 902	...	—	—
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 182 092	800 125 052	..	—	...	—	—	...	—	800 125 052	...	—
Jiwani ...													
Karachi ...	00 00	900 152 082	800 072 028	..	..	...	...	...	...	...	800 072 028	...	...
Lahore ...	00 00	Misda	...	..	..	—			...		...	—	..
Multan ...													
Peshawar ...	00 00	900 112 112	800 058 058	350 828 999	250 880 999	215 025 999	215 025 999	...	...	..	215 025 999	...	...
Quetta ...													

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

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

UPPER WIND DATA*

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

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

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	01 07	01 08	03 05	24 01	xx xx	33 15	29 25	27 31	28 25	29 22	—
Chaklala ...	—	—	..	..	—	—	—	...	—	...	—
Chhor ...	..	...	—	—	...			..	—	—	
Chittagong ...	34 04	17 01	18 05	24 01	23 05	29 07	28 12	28 16	29 16	30 12	29 15
Cox's Bazar ...			..	...	...				...	..	
Dacca ...	25 06	06 04	05 07	04 06	34 06	32 13	29 23	27 27	29 21	29 18	28 27
Dalbandin ...	—	—	06 12	07 21	14 06	—	..	..	...	...	—
D. I. Khan ...	—	—	—	—					—	...	..
Drosh ...	—	—	—	—	34 10	11 01	15 02	13 02	...	..	..
Fort Sandeman ...	No	Ascent	—	—		...	—	..	..	—	...
Jacobabad ...	36 06	05 08	08 21	14 20	14 17	...	—	—	—	—	..
Jessore ...	...	.	..	...	...	...	..	...	—	—	..
Jhelum ...	33 07	01 11	02 08	11 05	13 07	15 09	18 07	21 13	21 21	22 22	24 28
Jiwani ...	No	Ascent	...	...		—	...	—	—	—	..
Karachi ...	02 23	04 18	06 15	16 22	17 31	21 35	21 35	—	—	..	
Khanpur ...	04 13	05 21	07 22	10 19	15 10	19 15	22 17	22 19	23 26	23 29	23 48
Lahore ...	01 07	02 10	08 06	19 06	18 07	16 08	15 10	18 11	22 22	23 28	24 28
Multan ...	01 04	01 17	02 17	12 13	16 12	19 18	20 16	21 19	22 27	22 31	..
Muscat ...	—	—	...	.	..	—	...	...	...	—.	...
Panjgur ...	—	—	...	—	..	...	...	...	..	..	—
Peshawar ...	—	—	...	—		..	—	..	...	...	—
Quetta ...		—	...	..	17 08	17 26		..	—		...
She-jah ...	—	...	...	—	..	..	..	..	...	...	..
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. a.s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 16	36 16	01 12	03 06	01 07	33 10	30 21	28 28	30 31	30 31	30 31	27 28	27 35	26 48	26 24	26 47	26 33	..
Karachi ...	09 04	13 04	12 06	16 10	16 14	21 23	21 31	23 29	25 37	24 44	23 56	23 83	22 48	72 03	72 04	23 93	...	—
Peshawar ...	Misda	—	—	—	—	..	—	—	—	...	—	..	—	—	—	...	—	
Quetta ...																		

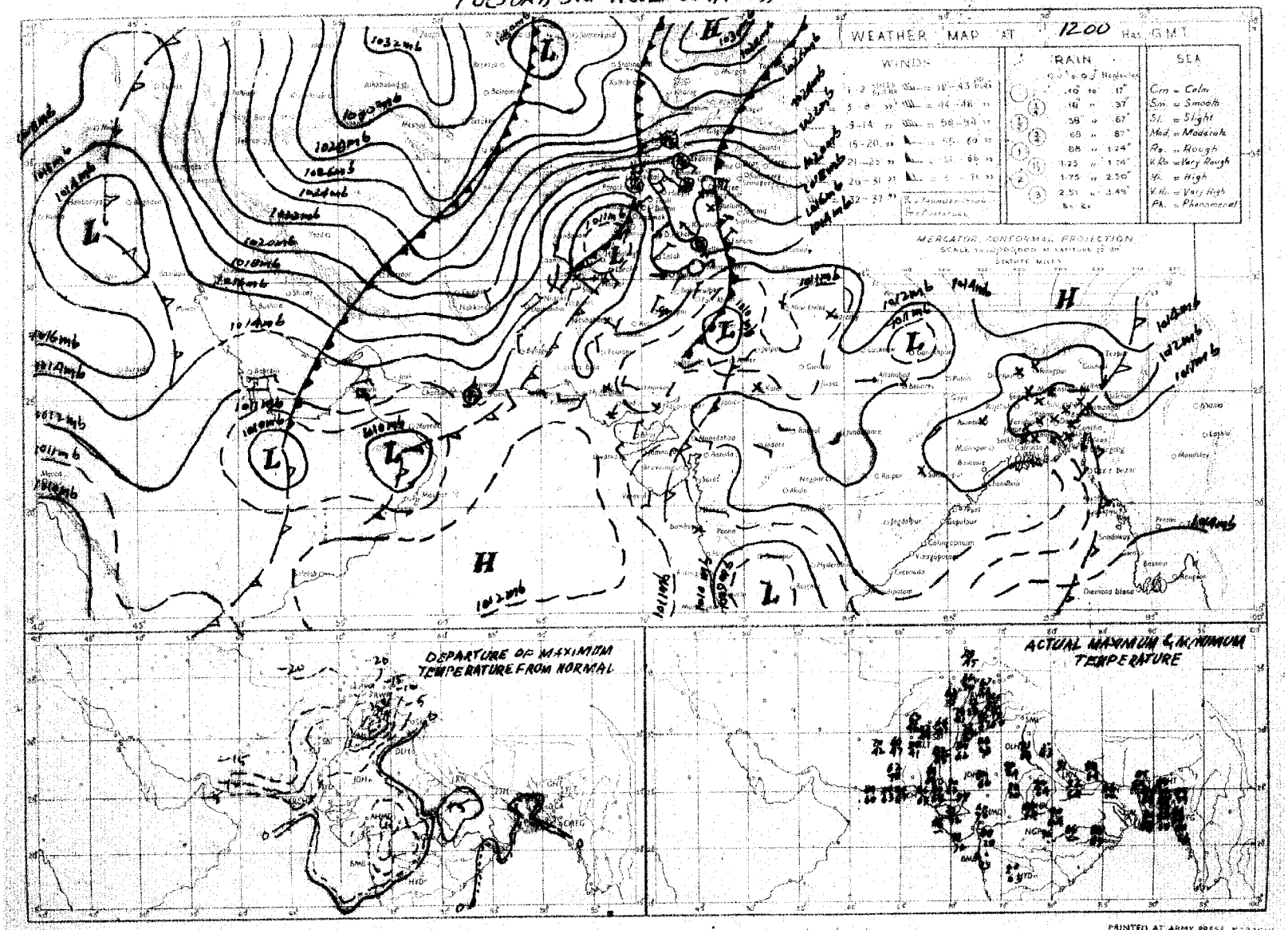
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 3rd NOVEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 6 hours.

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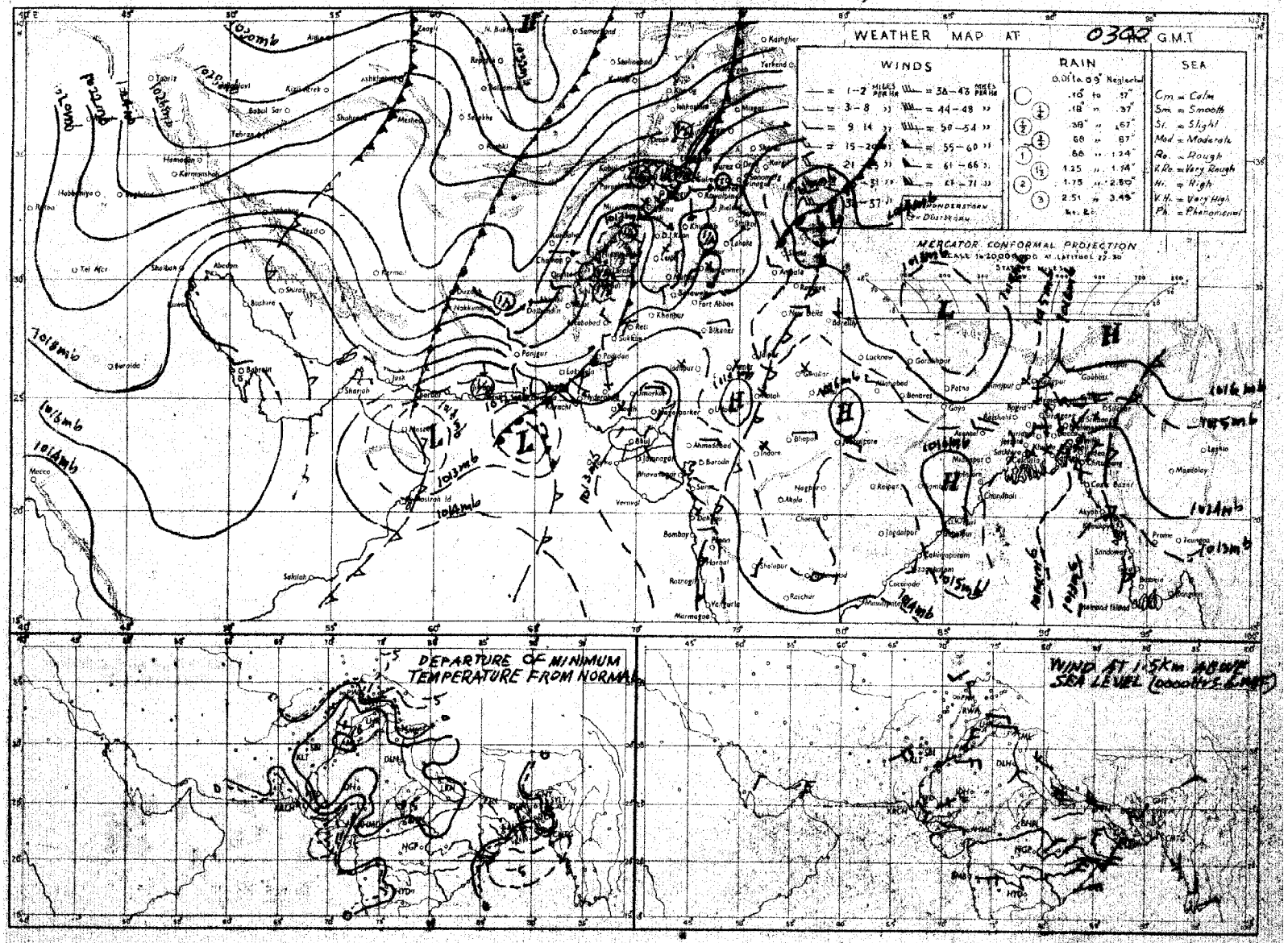
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4TH NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1437
Volume No. 13

THURSDAY THE 5th NOVEMBER, 1959.

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

Ships observations are lacking but believe yesterday's well marked low in eastern sector of north Arabian Sea has weakened slightly and now lies close to Sind Coast.

The trough of low over D. I. Khan and adjoining Quetta divisions is now moving across Peshawar and adjoining D. I. Khan divisions.

The system has caused widespread rain in Quetta division, fairly widespread in Khairpur, Hyderabad divisions and the Federal Capital Area, local in north Kalat and scattered in Peshawar, D. I. Khan and south Kalat divisions. Locally moderate to heavy falls have been reported from Quetta and Hyderabad divisions and the Federal Capital Area.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Harnai 3", Fort Sandeman and Loralai 2" each, Karachi (Manora) 1¼", Karachi (Air Port) and Sibi 1" each, Ormara 3/4", Parachinar, Hindubagh, Quetta, Chaman, Kalat, Nushki, Umerkot and Hyderabad ½" each, Drosh, Badin Padidan, Nawabshah and Sukkur 1/4" each.

Night temperatures were:- 3—8 °F below normal in Quetta, Kalat, Chittagong divisions and the Federal Capital Area, and were 3—8°F above normal elsewhere over West Pakistan.

Forecast valid until the evening of 6th November, 1959. Rain/thundershowers will be fairly widespread in D. I. Khan, Peshawar, Rawalpindi, Lahore divisions, and Kashmir, local in Quetta, Khairpur, Hyderabad, Multan divisions, and the Federal Capital Area and scattered elsewhere over West Pakistan.

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

Karachi-11
The 5th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (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 of (TsTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility† (VV)	Present weather† (ww)	Past Weather† (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud† (Nh)	Low Cloud Form† (CL)	Height of Lowest Cloud† (h)	Medium Cloud form† (CM)	High Cloud form† (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature (TsTn)	Departure from Normal of: Maximum Temperature	Departure from Normal of: Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	31	02	95	81	0	110	76	0	0	9	0	6	67	83	000	0	2	07	03	97	03	0	152	80	0	0	9	0	4	73	67	— 3	— 4	0	— 1.4	12.2	140
	Chittagong	000	0	0	34	02	xx	00	0	114	78	0	0	9	0	0	69	84	000	0	1	07	02	97	01	1	161	77	1	0	9	1	0	69	65	— 1	— 5	0	— 0.9	142.0	100
	Maijdee Court	000	0	0	09	02	xx	00	0	118	78	9	x	x	x	x	72	84	000	9	0	00	00	98	00	0	153	76	0	0	9	0	0	67	69	— 0	0	0	— 0.7	142.7	115
	Comilla	000	0	0	00	00	94	00	0	116	80	0	0	9	0	0	79	85	000	0	0	00	00	97	00	0	156	78	0	0	9	0	0	71	67	0	— 1	0	— 0.5	107.5	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	119	77	0	0	9	0	0	69	82	000	0	0	09	05	97	02	0	161	75	0	0	9	0	0	67	66	—	—	0	—	193.9	76
	Sylhet	000	0	1	00	00	xx	01	0	113	75	1	1	6	0	0	69	84	000	0	0	00	00	96	00	0	161	75	0	0	9	0	0	67	66	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	116	76	0	0	9	0	0	71	86	000	0	0	00	00	96	00	0	163	77	0	0	9	0	0	70	60	— 2	— 3	0	— 0.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	122	80	0	0	9	0	0	64	85	000	0	0	13	02	98	00	0	167	77	0	0	9	0	0	69	68	+ 1	—	0	— 0.4	142.7	91
	Narayanganj	000	0	0	00	00	xx	05	0	114	79	0	0	9	0	0	67	87	000	9	0	00	00	96	05	0	160	82	0	0	9	0	0	78	70	+ 2	—	0	— 0.5	103.9	74
	Dacca (Tejgaon)	000	9	0	36	02	98	02	0	113	77	0	0	9	0	0	69	84	000	0	0	05	02	97	02	0	154	78	0	0	9	0	0	69	66	0	—	0	—	103.6	—
	Faridpur	000	8	0	00	00	95	05	0	133	79	0	0	9	0	0	75	84																		+ 1	—				71
	Barisal	000	0	0	00	00	96	02	2	114	82	0	0	9	0	0	68	85	000	0	0	00	00	97	02	1	118	77	0	0	9	0	0	71	68	+ 1	— 1	0	— 0.6	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	115	79	0	0	9	0	0	67	85																								
	Satkhira	000	0	0	00	00	98	00	0	122	79	0	0	9	0	0	69	84	000	0	0	00	00	98	00	0	166	78	0	0	9	0	0	77	68	+ 1					68
	Jessore	000	0	0	36	02	97	00	0	121	82	0	0	9	0	0	65	85	000	0	0	05	03	97	00	0	162	75	0	0	9	0	0	67	65	— 3	+ 2	0	— 0.3	82.1	65
	Sirajganj	000	0	0	00	00	90	00	0	118	76	0	0	9	0	0	76	86	000	0	0	00	00	99	02	0	152	79	0	0	9	0	0	70	66	+ 3	— 1	0	— 0.5	105.8	65
	Bogra	000	0	0	00	00	xx	02	0	119	77	0	0	9	0	0	68	83	000	0	0	36	02	96	02	0	161	75	0	0	9	0	0	67	64	— 1	0	0	— 0.3	108.7	64
	Dinajpur	000	0	0	00	00	xx	00	0	110	78	0	0	9	0	0	69	85	000	0	0	00	00	96	00	0	164	76	0	0	9	0	0	68	65	— 1	0	0	— 0.3	10.5	69
	Rangpur	000	0	0	00	00	96	01	0	xxx	78	0	0	9	0	0	69	83	000	0	0	05	02	96	01	0	xxx	74	0	0	9	0	0	71	66	— 1	+ 1	0	— 0.1	64.9	72
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	0	5	00	00	96	03	1	133	77	1	0	9	3	4	61	81	000	8	7	00	00	96	03	1	161	68	3	0	9	7	5	61	62	— 7	+ 11	0.2	+ 0.2	26.2	19
	Sialkot	000	0	1	00	00	98	01	0	122	76	0	0	9	0	0	64	82	000	2	6	00	00	97	03	0	165	67	6	4	6	x	x	62	61	— 4	+ 7	0	0	58.5	32
Rawalpindi	Jhelum	000	8	3	31	05	98	03	1	134	72	2	0	9	3	8	57	77	000	8	8	00	00	97	02	2	174	60	8	0	9	2	x	56	62	—	—	0.8	—	50.8	—
	Rawalpindi	000	0	5	30	02	99	00	2	150	64	2	0	9	6	8	53	71	000	0	7	25	02	96	03	2	177	58	7	0	9	9	0	55	55	— 11	+ 7	0.7	+ 0.7	53.0	36
	Khushab	000	0	4	00	00	99	01	1	147	73	0	0	9	0	2	57	77	000	0	6	00	00	99	03	1	161	62	6	3	0	0	0	58	60	— 10	+ 6	0.3	+ 0.3	25.7	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	131	75	0	0	9	0	0	61	78	000	0	6	00	00	95	02	0	161	63	6	2	8	0	0	59	58	— 8	+ 6	0.4	+ 0.4	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	128	78	0	0	9	0	0	61	79	000	0	3	00	00	96	01	0	156	64	3	4	7	0	0	61	61	— 10	+ 6	0	0	8.4	10
	Multan	000	0	6	31	07	96	02	0	144	73	2	2	5	5	0	58	79	000	0	6	00	05	97	03	1	161	63	2	9	5	3	0	57	62	— 9	+ 8	0.1	+ 0.1	8.1	7
Bahawalpur	Leiah	000	4	8	36	15	98	15	2	165	66	0	0	8	9	0	58	67	000	0	8	36	02	99	03	2	165	65	0	0	8	9	0	58	60	—	—	0	—	6.9	8
	Khanpur	000	0	5	36	08	96	02	0	191	77	5	0	9	5	0	63	81	000	0	5	05	02	96	03	0	151	66	5	0	9	5	0	57	64	— 10	+ 9	0	— 0	1.4	6
	Bahawalpur	000	0	0	05	05	96	00	0	134	78	0	0	9	8	0	62	80	000	9	6	00	00	97	03	0	157	66	0	0	8	2	0	57	64	— 11	+ 10	0	0	6.5	6
	Fort Abbas	000	0	2	05	02	98	01	1	117	81	0	0	9	1	0	78	84	000	0	6	20	03	98	00	0	157	68	0	6	7	0	0	61	67	—	—	0	—	9.2	4
Peshawar	Chakdara	000	0	8	00	00	96	43	1	157	60	8	6	7	x	x	51	60	000	0	8	00	00	96	22	2	156	57	8	4	7	x	x	51	49	—	—	2.8	—	29.4	—
	Peshawar	000	0	6	13	05	97	02	2	169	65	3	3	6	7	x	54	67	000	1	8	10	03	96	60	6	185	59	4	5	6	2	x	53	57	— 14	+ 4	2.5	+ 2.5	25.1	1
	Kohat	000	5	4	09	06	97	03	2	147	63	4	0	9	9	0	53	67	000	4	2	23	04	97	03	2	153	57	7	5	9	5	0	47	52	—	—	0.7	—	32.9	—
	Campbellpur	000	0	6	36	04	98	00	0	167	58	0	0	9	0	0	52	68	099	0	8	30	12	96	02	2	157	58	0	0	5	0	0	52	56	—	—	0.7	—	26.7	—
D. I. Khan	Bannu	000	6	8	27	02	97	03	5	168	64	8	8	3	x	x	49	66	000	2	8	34	01	98	03	5	171	59	8	6	6	x	x	54	59	—	—	0.9	—	13.8	11
	D. I. Khan	000	6	8	31	02	96	03	2	158	67	8	8	8	0	0	61	69	000	3	8	00	00	97	03	5	169	62	8	8	8	0	0	xx	xx	— 16	—	0	0	14.9	10
Quetta	Sibi	057	9	8	31	02	92	21	6	152	65	8	7	3	0	0	42	66	105	3	8	00	00	92	50	5	161	61	8	7	3	0	0	61	60	—	—	2.4	—	7.7	5
	Nokkundi	000	9	8	11	02	97	03	2	194	53	0	0	9	2	0	42	55																								2
	Turbat	000	0	0	05	02	98	00	0	138	71	0	0	9	0	0	53	74	000	0	0	05	02	94	00	0	263	62	0	0	9	0	0	43	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	2	05	09	97	01	1	126	72	2	0	9	5	0	54	73	000	0	0	36	02	96	02	0	182	57	0	0	9	0	0	45	56	—	—	0.8	—	6.9	4
	Pasni	000	0	6	09	09	97	00	0	117	74	2	2	7	7	0	68	75	000	0	0	31	05	97	00	0	163	62	0	0	9	0	0	44	60	—	—	0.3	—	3.4	6
	Ormara	075	4	6	05	03	96	02	6	114	68	6	2	5	0	v	63	76	075	0	2	00	00	98	01	1	144	78	2	2	8	0	0	58	61	— 13	— 5	3.7	+ 0.3	6.8	6
	Las Bela																																						+ 2.7		8
Karachi Federal Area Hyderabad	Karachi (Manora)	149	6	4	02	14	94	53	6	109	70	0	0	9	2	0	70	72	149	9	6	09	14	98	03	6	127	66	0	0	9	4	0	59	62	— 15	— 8	1.6	+ 1.6	18.1	8
	Karachi (Air Port)	089	3	8	36	05	96	61	9	132	67	8	0	9	2	0	66	73	000	7	7	01	02	96	03	6	141	67	7	6	4	2	0	64	64	—	—	3.2	—	26.1	—
	Badin	000	0	0	36	04	94	03	2	109	79	0	8	9	0	0	65	89	030	2	6	23	02	95	03	2	145	75	7	0	7	0	0	65	69	— 5	+ 6	0.4	+ 0.4	11.5	9
	Nagarparkar	000	0	8	00	00	96	03	0	985	89	8	7	7	0	0	67	90	000	0	8	31	02	96	02	0	128	82	8	6	7	0	0	65	67	—	—	0	—	30.5	—
	Umarkot	000	0	7	31	09	98	00	0	091	81	6	4	6	0	0	64	91	054	0	8	13	05	98	01	2	133	69	8	5	6	0	0	67	67	—	—	0.5	—	20.8	—
	Hyderabad	030	0	8	36	02	95	53	5	125	67	3	5	6	2	0	67	78	054	6	8	36	02	97	02	5	149	67	3	5	6	2	0	65	65	— 15	+ 2	0.5	+ 0.5	15.9	7
Khairpur	Fazl-i-Abad	021	6	8	34	03	97	60	6	134	68	3	7	4	2	x	66	70	021	9	2	36	05	97	01	6	155	65	1	1	6	1	0	61	63	—	—	0.2	—	7.7	—
	Nawabshah	035	7	9	36	07	95	50	6	133	66	4	5	5	2	x	67	73	035	0	4	36	03	96	01	5	153	65	4	0	9	4	0	63	64	—	—	2.0	—	7.5	—
	Sukkur	009	3	9	31	03	96	03	5	132	69	8	0	9	9	0	66	78	019	6	6	02	03	96	03	5	148	65	6	0	9	9	0	56	xx	—	—	0.3	—	5.0	4
	Kashmore	000	0	8	05	10	99	00	0	126	75	8	1	5	0	0	58	78	000	0	4	09	10	99	02	2	043	66	4	1	6	0	0	57	63	—	—	0	—	2.1	—
	Jacobabad	000	0	8	33	12	97	02	2	137	70	8	5	6	2	0	64	73	011	9	8	29	03	97	03	5	151	64	1	8	6	2	0	62	60	— 18	+ 4	0.2	+ 0.2	4.7	4
Junagadh Alghanistan	Veraval																																									30
	Jalalabad																																									—
Arabian Sea	Muscat																																									4
	Kuwait																																									—
	HILL STATIONS																																									
Kashmir	Srinagar																																									26
	Gulmarg																																									—
	Sonamarg																																									71
	Dras																																									26
	Leh																																									3
	Skardu																																									6
	Miagar																																									—
	Aliabad																																									—
	Gilgit																																									5
Rawalpindi	Murree	000	9	6	09	02	97	02	1	574	52	0	0	9	8	0	42	56	000	9	8	11	13	96	03	1	541	48	8	5	4	x	x	42	46	— 4	+ 2	0.8	+ 0.7	79.2	59
Peshawar	Drosh	000	8	8	00	00	97	03	2	557	55	8	0	9	2	8	39	59	020	8	8	00	00	95	03	6	563	45	8	5	5	x	x	38	43	— 16	— 3	0.9	—	31.6	18
	Chitral	000	8	8	36	09	98	02	2	535	53	2	4	6	2	8	41	55	000	0	8	36	07	97	56	1	563	51	8	6	6	0	0	46	41	— 18	— 9	2.1	+ 2.1	33.5	29
	Kakul	000	0	8	31	03	96	05	0	534	59	3	2	6	2	0	50	64	000	9	8	27	03	97	02	2	538	54	8	6	6	0	0	47	50	—	—	1.2	—	56.2	—
	Landi Kotal	000	1	8	23	03	97	21	2	531	54	8	6	5	0	1	49	55	000	0	8	00	00	97	03	2	522	51	8	6	5	0	0	47	xx	—	—	0.9	—	19.7	—
D. I. Khan	Parachinar	005	0	8	31	02	99	03	5	798	44	0	3	9	1	1	42	xx	050	2	8	31	02	99	02	6	800	44	0	1	9	1	0	42	xx	—	—	2.5	—	31.3	29
	Miranshah	017	3	8	05	02	98	65	2	520	52	8	3	6	0	0	46	52	007	1	8	00	00	98	61	8	512	58	8	3	6	0	0	59	48	—	—	0.3	+ 0.3	7.3	13
	Wana	029	8	8	05	02	97	50	2	498	52	8	7	7	0	0	41	52																								
Quetta	Fort Sandeman	056	4	8	02	03	96	02	6	521	50	8	5	5	0	0	46	52	157	1	8	25	02	96	02	6	521	47	8	5	5	0	0	49	48	— 24	+ 3	2.2	+ 2.2	18.1	11
	Hindubagh	000	7	8	09	08	92	25	8	486	45	8	6	9	6	7	37	47	053	9	8	00	00	94	20	4	476	43	8	6	9	6	7	34	42	—	—	2.0	—	14.7	—
	Loralai	051	5	8	31	02	95	02	6	364	51	8	7	6	0	0	47	51	191	3	8	00	00	95	21	6	370	48	8	7	5	0	0	48	48	—	—	2.7	+ 2.6	15.6	—
	Harnai	025	8	9	27	02	96	21	6	947	64	x	x	9	x	x	xx	xx	325	7	9	27	02	96	42	6	xxx	xx	0	0	9	9	0	xx	xx	—	—	3.7	+ 3.7	16.6	14
Kalat	Quetta	004	3	8	36	02	90	02	6	487	48	8	8	5	0	0	46	51	051	9	8	00	00	95	01	2	500	45	0	8	5	0	0	44	43	—	—	1.4	+ 1.4	11.6	8
	Chaman	010	9	8	13	02	95	50	6	494	50	8	7	6	0	0	46	61	042	3	8	31	01	95	03	2	520	44	8	4	6	0	0	43	43	— 12	— 3	0.4	+ 0.4	6.7	7
	Kalat	028	4	8	27	03	96	50	5	510	43	8	7	5	0	0	41	52	053	8	7	29	02	96	05	5	509	42	7	7	5	0	0	42	40	— 15	+ 6	0.9	+ 0.9	11.8	9
	Nushki	032	3	9	13	05	97	20	5	574	49	9	5	5	0	0	47	53	055	0	9	31	02	96	05	5	559	45	9	5	7	0	0	43	44	—	—	0.6	—	3.5	—
Alghanistan	Dalbandin	002	2	8	05	07	96	51	5	498	49	4	7	6	2	x	44	55																								5
	Panjgur	000	0	8	36	07	98	03	5	507	48	0	0	9	6	0	39	49	000	0	6	31	03	96	03	1	518	46	0	0	9	4	0	37	41	— 28		0.1	—	4.2	4
	Kabul	013	9	8	36	00	95	03	7	547	46	8	5	6	0	0	30	47	038	9	8	36	00	96	03	6	582	35		5	6	0	0	27	35	— 32	— 9	—	—	—	12
	Kandahar																																									

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 5th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ... W	PPP TT	N.C.h.C.m.C.h	D.V. a PP	S.N. Ch. h.	O T.T.T.T.T.	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Steveston	43 250	679 06	5 05 13	97 01 6	144 79	34 5 30	66 20 4	...	0 51 41	1 04 32
City of Swansea	43 250	577 06	8 04 10	99 02 0	161 75	00 8 00	35 21 9	...	0 51 17	1 35 41
Ashkent	43 174	561 06	0 35 06	99 02 0	141 81	00 9 00	29 01 0	...	0 56 39	1 06 32
City of Swansea	42 233	600 18	4 05 08	98 01 1	159 84	00 9 40	35 11 1	...	0 60 72	1 05 21
Dara	43 239	670 18	4 14 03	98 03 1	170 72	48 5 00	95 40 0	...	...	...
Steveston	43 244	614 18	0 32 09	99 01 0	158 73	00 9 00	55 22 0	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTT T$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	...													
Chittagong	...	00 00	013 198 182	119 235 188	...	490 172 528	...	163 135 999	650 075 999	927 512 998	662 648 999	977 810	253 005	436 122
Dacca	...													
Rawalpindi	...	00 00	010 188 168	109 188 165	...	480 145 102	...	110 035 535	242 542 999	761 692 999	470 745 999	947 865	220 015	403 090
Karachi	...	00 00	Missa	...	...	...	...	...	...	...	...	...	...	...
Lahore	...													
Multan	...													
Peshawar	...	00 00	974 145 138	...	...	500 102 025	...	095 035 522	338 545 585	737 638 999	495 750 999	942 895	...	...
Quetta	...													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	27	28	29
Bagra	...											
Chittagong	...	00 00	900 178 018	800 135 032		...	...		...	800 135 032	...	...
Dacca	...											
Rawalpindi	...	00 00	922 168 142	800 098 065	350 792 318	...	...	...	...	350 792 318	...	...
Karachi	...	00 00	Missa	...	...		...	...	...	...	...	...
Lahore	...											
Multan	...											
Peshawar	...	00 00	900 122 042	800 085 012	350 835 999	258 960 999	...	...	...	258 960 999	...	...
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.)
Sa—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	A 0000 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	35 04	35 05	34 05	05 02	09 03	29 05																				
Chaldale ...		35 03	08 06	12 08	14 13	15 19	16 19	22 26	22 25	01 12	01 10	01 07	15 01	15 05	26 05	—	—	—	—	—	—	—	—	—	—	—
Chhor ...	35 13	02 12	03 10							05 07	17 11	20 15				—	—	—	—	—	—	—	—	—	—	—
Chittagong ...	35 14	35 05	19 05	18 03	23 05	29 06	29 09			05 18	04 02	20 02	19 06	26 03	24 06	13 05	19 05	19 05	20 05	22 12	20 12	24 09	25 18	30 19	27 06	30 19
Cox's Bazar ...	34 04	09 05	14 05	15 02						01 21	02 16	35 04	04 01	10 05	10 08	32 01	14 03	19 08	24 17	23 25	24 12	25 09	26 03	28 03	34 07	04 08
Dacca ...	34 05	35 05	25 05	04 04	29 07	32 21	29 22	27 20	27 23	03 05	02 06	04 06	07 06	04 08	28 10	—	—	—	—	—	—	—	—	—	—	—
Dalbandin ...	—	—	07 12	07 18	08 22					—	—	08 07	07 06	07 06	—	—	—	06 08	07 07	04 06	—	—	—	—	—	—
D. I. Khan ...		—	—													—	—	—	—	—	—	—	—	—	—	—
Drosh ...					05 01	36 07	01 07	05 05		No	Ascent					—	—	—	—	—	—	—	—	—	—	—
Fort Sandeman ...	No	Ascent										Ascent								10 06	11 06	—	—	—	—	—
Jacobabad ...	36 02	09 15	09 13	12 15	15 14	19 25				26 08	19 13	16 10	16 19	15 21		33 00	10 06	11 06	33 00	—	—	—	—	—	—	—
Jacobabad ...	30 05	34 05	36 05	36 02	31 07	34 13	32 15	31 13		xx xx	xx xx	03 02	04 02	04 07	16 06	—	—	—	—	—	—	—	—	—	—	—
Jiwani ...	30 10	33 09	35 03	12 04	13 08	15 15	13 16	16 21	20 24	31 08	12 06	14 09	14 10	15 10	16 12	—	—	—	—	—	—	—	—	—	—	—
Jiwani ...	No	Ascent								No	Ascent					No	Ascent									
Karachi ...	88 11	08 07	16 08	33 24	22 23	21 23				05 14	11 11	11 14				12 07	13 06									
Khanpur ...	02 11	03 11	06 12	16 12	18 07	21 11	20 17	21 26	21 25	—	—					05 12	11 13	16 12	16 12	16 10	15 15	14 21	39 35	—	—	—
Lahore ...	35 05	35 07	32 05	33 05	19 09	16 10	16 13	21 15	22 2	05 09	06 05	11 01	21 07	24 12	23 24	09 07	14 11	15 12	14 07	13 10	20 13	23 15	13 24	21 27	21 33	
Multan ...	34 19	02 17	03 15	14 15	17 14	22 13	22 15	24 21	21 32	01 14	21 07	03 04	12 13	16 19	19 39	05 08	21 13	14 17	15 20	16 19	18 20	21 27	21 31			
Muscat ...																—	—	—								
Panjgur ...	—	—	—	—	—	—	—	—	—							—	—	—	—	—	—	—	—	—	—	—
Peshawar ...		32 06	32 22	34 19	01 16	01 16	—	—	—			35 03	34 09	06 10	17 03	23 02	—	29 04	32 07	01 05	11 09	—	—	—	—	—
Quetta ...	No	Ascent					—	—	—	No	Ascent										29 06	28 09				
Sha'ran ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet ...	31 05	30 03	11 03	08 14	05 11	32 07	30 21	29 26	—	09 11	08 06	09 04	06 07	04 06	28 15	11 06	08 04	08 06	08 07	03 03	27 15	—	—	—	—	—
Tarawa ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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. a.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 ...	04 06	01 05	02 12	05 27	06 12	27 38	29 35	29 18	27 19	27 12	25 15	24 37	24 27	23 39	28 20	29 31		
Karachi ...	05 14	14 15	20 11	20 10	23 18	22 31	21 47	22 57	22 67	21 71	21 71	22 95	23 97	21 74	28 64	23 60	23 39	23 59
Peshawar ...	Missa																	
Quetta ...																		

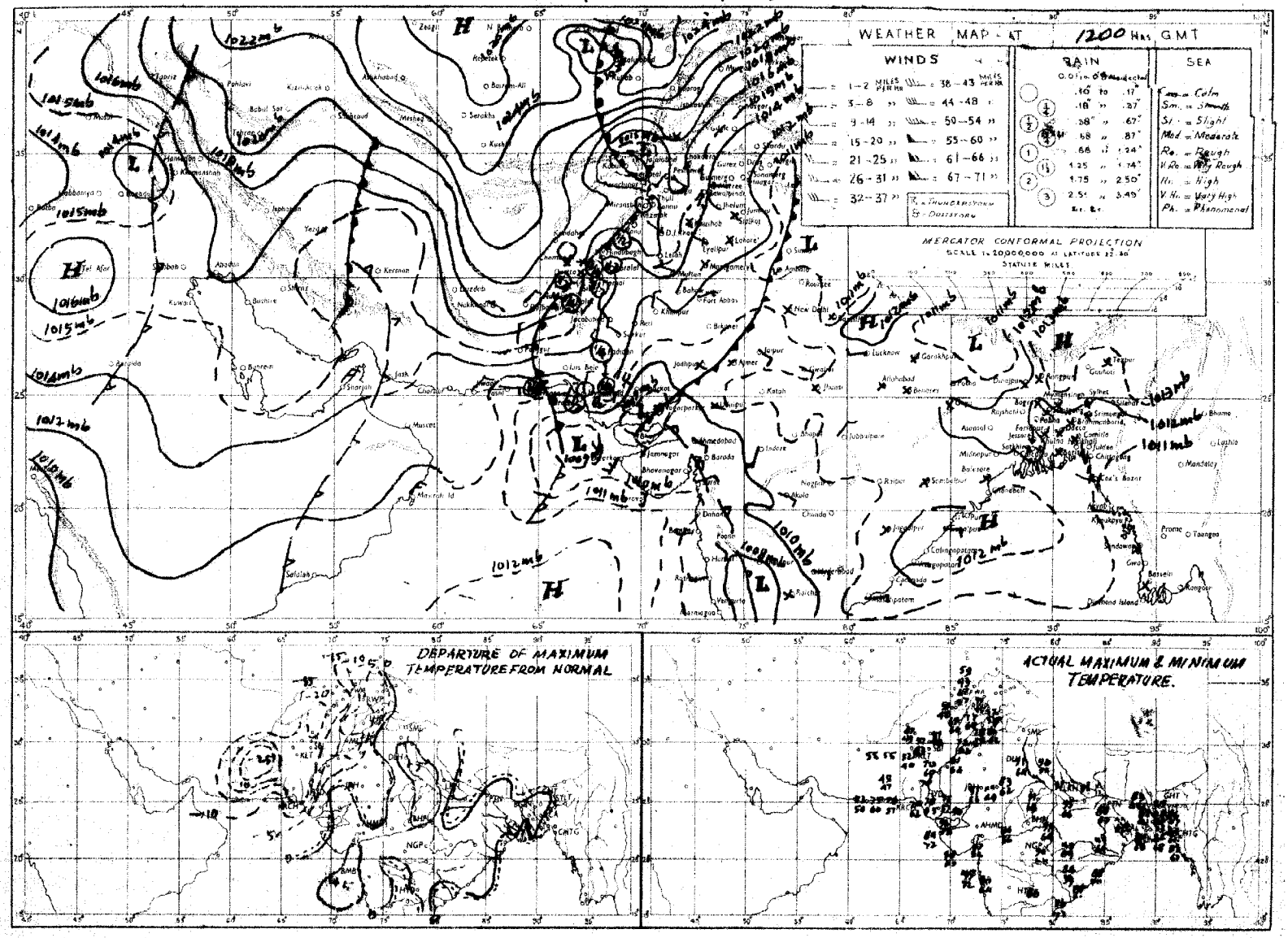
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 4th NOVEMBER, 1959



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

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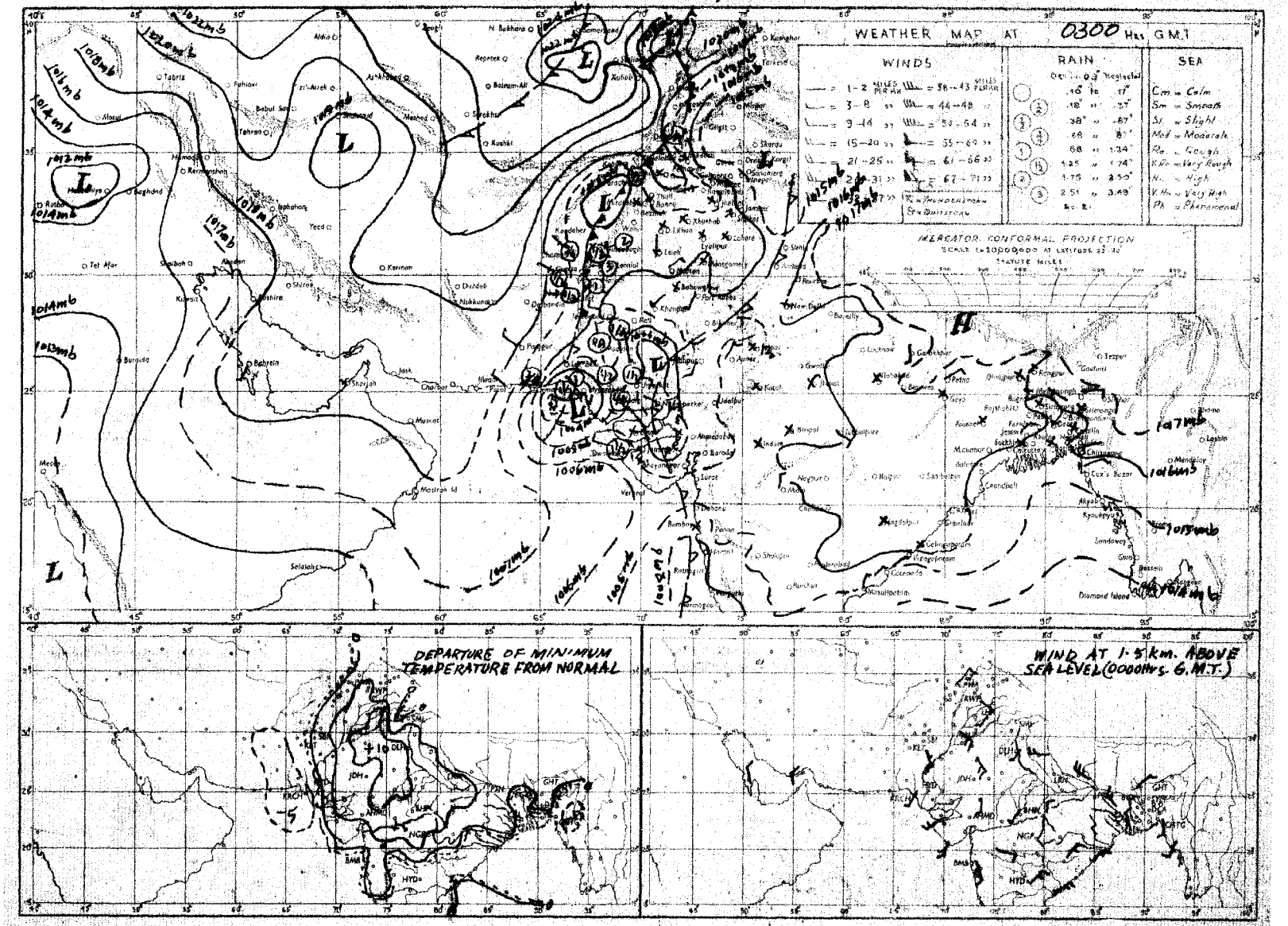
PAKISTAN DAILY WEATHER MAP

THURSDAY, 5th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 6th NOVEMBER, 1959.

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

Yesterday's low over Sind Coast moved inland last evening and now lies over west Rajasthan and neighbourhood.

The low over D. I. Khan and Quetta divisions is moving across Rawalpindi and Lahore divisions.

Rain/thundershowers have been widespread in Lahore and Peshawar divisions, fairly widespread in Rawalpindi, Quetta and Khairpur divisions, local in Bahawalpur and D. I. Khan divisions and scattered in Kalat division.

Chief amounts of rainfall are:- Cherat and Landikotal 3" each; Drosh, Chakdara, Fort Sandeman and Harnai 2" each; Murree, Peshawar, Haripur, Kakul, Campbellpur, Hindubagh, Loralai, Sibi and Kashmore 1½" each; Sialkot, Leiah, Fort Abbas and Bannu 1" each; Miranshah 3/4"; Rawalpindi, Wana, D. I. Khan and Quetta ½" each and Lahore, Khushab, Kalat, Lasbela and Sukkur 1/4" each.

Night temperatures were:- 3—10 °F above normal in West Pakistan outside Rawalpindi, Peshawar and Kalat divisions and the Federal Capital Area. They were 4—13°F below normal in Peshawar and Kalat divisions and the Federal Capital Area.

Forecast valid until the evening of 7th November, 1959. Rain/thundershowers will be fairly widespread in Lahore and Rawalpindi divisions and scattered in Peshawar, Multan, D. I. Khan, divisions. Weather will be dry over the rest of the country.

Karachi-11
The 6th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	29	02	95	01	0	124	78	0	0	9	0	4	70	85
	Chittagong	000	0	0	31	02	xx	00	0	118	75	0	0	9	0	0	76	85
	Maijdee Court	000	4	0	00	00	xx	00	0	126	77	0	0	9	0	0	71	81
	Comilla	000	0	0	00	00	94	00	0	124	79	0	0	9	0	0	70	85
	Brahmanbaria	000	0	0	00	00	xx	00	1	130	78	0	0	9	0	0	71	85
	Sylhet	000	0	1	00	00	xx	02	0	122	75	1	1	6	0	0	xx	83
	Srimangal	000	0	0	00	00	xx	00	0	138	74	0	0	9	0	0	69	xx
Dacca	Mymensingh	000	0	0	00	00	98	00	0	131	80	0	0	9	0	0	71	86
	Narayanganj	000	9	1	00	00	xx	01	0	123	82	1	0	9	3	0	71	88
	Dacca (Tezgaon)	000	9	3	36	02	xx	xx	x	120	79	3	4	6	0	0	68	85
	Tejlapur	000	8	8	36	02	96	05	8	196	82	0	0	9	0	0	70	85
	Barisal	000	0	0	00	00	97	02	0	124	82	0	0	9	0	0	72	85
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	128	80	0	0	9	0	0	68	85
	Satkhira	000	0	0	00	00	98	00	0	129	80	0	0	9	0	0	71	85
	Jessore	000	0	0	00	02	97	00	0	129	82	0	0	9	0	0	73	86
	Sirajganj	0.0	0	0	00	00	90	00	0	116	76	0	0	9	0	0	71	86
	Bogra	000	0	0	00	00	xx	02	0	125	78	0	0	9	0	0	78	86
	Dinajpur	000	0	0	00	00	xx	00	0	09	82	0	0	9	0	0	73	86
	Rangpur	000	0	0	00	00	96	00	0	xxx	79	0	0	9	0	0	70	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	8	00	00	96	03	2	129	76	7	0	9	7	6	67	82
	Sialkot	000	0	0	00	00	97	00	0	123	77	0	0	9	0	0	63	83
Rawalpindi	Jhelum	000	8	6	00	00	98	01	2	121	73	6	0	9	7	0	67	75
	Rawalpindi	000	0	7	23	02	58	50	2	143	75	7	5	6	0	0	59	74
	Khushab	000	0	6	09	02	99	02	1	116	77	6	3	6	0	0	61	79
Multan	Lyallpur	000	3	6	16	03	95	50	5	122	78	6	7	6	0	0	62	81
	Montgomery	000	0	5	19	05	96	03	0	121	70	4	1	7	5	0	62	82
	Multan	000	0	7	09	02	96	03	1	117	77	5	5	5	3	0	61	78
Bahawalpur	Leiah	000	0	6	36	14	98	01	2	129	67	6	0	9	8	0	57	67
	Khanpur	000	0	7	00	00	96	03	0	096	78	7	0	9	6	0	64	82
	Bahawalpur	009	2	8	00	00	96	03	8	119	72	8	0	8	6	x	67	77
	Fort Abbas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	Chakdara	043	9	8	00	00	96	43	6	157	57	8	6	7	x	x	54	59
	Peshawar	031	9	8	36	03	96	95	6	173	58	4	9	4	2	x	57	61
	Haripur	009	4	4	05	04	97	03	0	123	65	4	0	9	9	0	56	67
	Campbellpur	000	0	5	26	02	98	01	2	149	63	5	0	9	5	0	55	68
D. I. Khan	Bannu	084	8	8	25	02	97	95	6	167	56	8	6	6	x	x	64	60
	D. I. Khan	000	6	7	36	02	97	03	1	131	62	7	7	8	0	0	58	67
Quetta	Sibi	085	9	8	30	12	92	95	5	128	62	8	7	3	x	x	60	63
Kalat	Nokkundi	000	0	0	34	02	99	02	0	169	61	0	0	9	0	0	64	67
	Turbat	000	0	0	05	02	98	00	0	130	76	0	0	9	0		46	77
	Jiwani	000	0	0	27	09	97	02	0	153	76	0	0	9	0	0	51	77
	Pasni	000	0	0	34	14	97	00	0	135	77	0	0	9	0	0	29	78
	Ormara	000	0	8	31	05	96	00	6	122	70	0	0	9	0		60	75
	Las Bela	033	0	2	00	00	98	30		109	71	0	0	9		2	76	77
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	31	16	96	01	5	106	71	4	6	4	7	0	53	73
	Karachi (Air Port)	003	5	4	25	12	96	01	5	113	75	4	4	5	0		60	78
	Badin	000	0	0	23	02	97	00	0	110	80	0		9	0	0	66	82
	Nagarparkar	000	0	0	00	00	98	00	0	105	90	0	0	9	0	0	68	93
	Umarkot	000	0	4	23	07	98	02	1	100	81	4	2	6	0	0	66	85
	Hyderabad	000	0	4	23	05	97	02	1	108	73	3	8	6	0		65	81
Khairpur	Pad-i-dan	000	0	3	18	03	98	03	0	098	75	2	3	6	0	0	64	76
	Nawabshah	000	0	3	18	07	97	01	2	105	77	3	5	8	0	0	67	[illegible]
	Sukkur	000	8	7	29	03	96	03	1	099	74	7	0		8	0	64	77
	Kashmore	000	0	4	05	03	99	02	1	103	75	4	1	7	0	0	58	78
	Jacobabad	000	0	4	[illegible]	[illegible]	97	62	1	106	72	4	5	6		0	62	72
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	002	9	8	13	13	95	61	2	519	49	8		2	x	x	38	49
Peshawar	Drosh	098	4	8	00	00	95	63	6	554	39	8	7	5		x	38	47
	Cherat	023	4	8	36	05	92	63	6	502	48	8	5	6	x	x	48	55
	Kakul	082	5	5	37	05	98	95	5	513	60	3	2	7	1	0	51	62
	Landi Kotal	128	8	8	23	01	95	63	6	509	49	8	6	4	x	x	48	52
	Parachinar																	
D. I. Khan	Miranshah	076	5	8	00	00	98	63	6	491	50	6	3	6	x	x	48	53
	Wana																	
	Fort Sandeman	105	x	8	05	02	96	01	6	521	48	8	5	6	x	x	46	50
Quetta	Hindubagh	080	9	8	05	04	93	80	8	468	44	8	9	6	x	x	35	45
	Loralai	052	5	8	27	03	96	58	6	382	49	8	7	6	x	x	46	48
	Harnai	114	9	7	27	12	96	21	6	xxx	xx	4	9	3	5	7	xx	xx
	Quetta	026	0	8	00	00	96	03	6	495	43	8	8	5	x	x	41	49
	Chaman	000	9	8	27	02	95	02	2	492	49	8	7	6	x	x	43	50
Kalat	Kalat	070	8	8	34	09	96	50	5	503	39	8	8	6	x	x	39	51
	Nushki	000	0	8	31	05	97	01	2	561	51	8	5	7	x	x	44	52
	Dalbandin	000	8	7	00	00	97	03	2	507	57	6	9	6	2	x	42	59
	Panjgur	000	0	0	31	07	98	00	1	500	56	0	0	9	0		34	57
Afghanistan	Kabul																	
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	080	0	1	29	02	97	01	0	140	79	0	0	9	0	4	68	67	− 1	− 3	0	− 1.7	112.2	140
	Chittagong	C00	0	0	05	02	97	02	4	145	79	0	0	9	0	0	69	67	0	− 1	0	− 1.0	142.0	108
	Maijdee Court	000	9	0	00	00	98	00	0	146	79	0	0	9	0	0	67	69	− 3	+ 1	0	− 0.8	141.7	[illegible]
	Comilla	000	0	0	00	00	97	00	0	146	76	0	0	9	0	0	71	67	0	0	0	− 0.5	107.5	94
	Brahmanbaria	0.0	0	0	00	00	97	00	0	147	78	0	0	9	0	0	71	68	—	—	0	− 0.3	—	74
	Sylhet	000	0	1	09	09	97	02	0	143	73	0	0	9	0	0	67	65	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	97	00	0	147	77	0	0	9	0	0	67	58	—	− 4	0	− 0.8	109.4	[illegible]
Dacca	Mymensingh	000	0	0	00	00	98	00	0	136	78	0	0	5	0	0	71	68	+ 2	+ 1	0	− 0.4	142.7	91
	Narayanganj	C00	9	1	09	02	97	01	0	142	81	0	0	9	0	1	65	70	+ 3	+ 1	0	− 0.6	193.9	74
	Dacca (Tezgaon)	C00	0	1	00	00	97	02	0	134	80	0	0	9	0	1	71	67	—	—	0	—	103.6	—
	Tejlapur	100	9	0	02	02	96	05	0	141	79	0	0	9	0	0	70	67	+ 2	0		− 0.5	—	71
	Barisal	000	0	0	00	00	97	02	1	153	73	0	0	9	0	0	73	69	+ 1	+ 1	0	− 0.7	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	147	79	0	0	9	0	0	69	69	+ 1	+ 3		− 0.4	—	68
	Satkhira	000	0	0	00	00	98	00	0	146	79	0	0	9	0	0	69	67	+ 2	+ 2	0	− 0.3	82.1	65
	Jessore	000	0	0	36	03	97	00	0	143	75	0	0	9	0	0	69	67	—	0	0	− 0.5	105.8	65
	Sirajganj	000	0	0	00	00	98	00	0	132	77	0	0	9	0	0	69	67	+ 3	+ 2	0	− 0.3	108.7	64
	Bogra	000	0	0	09	02	97	02	0	140	76	0	0	9	0	0	69	67	+ 2	+ 2	0	− 0.4	104.8	69
	Dinajpur	000	0	0	00	00	96	00	0	147	76	0	0	9	0	0	70	65	+ 2	+ 2	0	0	66.9	73
	Rangpur	000	0	0	05	02	96	02	0	xxx	73	0	0	9	0	0	68	66	+ 1	+ 3	0	− 0.2	66.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	C24	5	7	13	09	96	03	9	125	66	6	7	4	2	0	65	64	− 6	+ 5	0.4	+ 0.4	28.4	19
	Sialkot	105	3	3	00	00	96	01	6	132	61	3	8	4	0	0	55	63	− 3	+ 11	1.1	+ 1.1	58.5	33
Rawalpindi	Jhelum	003	2	8	13	05	96	03	9	124	67	4	7	6	2	x	59	61	—	—	0.8	—	50.8	—
	Rawalpindi	C67	8	7	36	02	96	02	9	125	60	7	7	5	0	0	58	55	− 8	+ 9	1.4	+ 1.4	53.7	34
	Khushab	C35	0	5	07	03	99	03	6	107	65	5	3	6	0	0	63	61	− 9	+ 8	0.6	+ 0.6	24.1	15
Multan	Lyallpur	000	9	6	16	02	95	02	5	[illegible]	64	6	7	7	0	0	61	63	− 5	+ 13	0.4	+ 0.4	18.6	12
	Montgomery	C0C	C	5	13	C3	6	03	1	097	75	5	3	7	0	0	63	63	− 7	+ 10	0	0	8.4	10
	Multan	015	8	6	36	03	96	03	9	113	59	3	5	5	5	0	57	58	− 10	+ 5	0.3	+ 0.3	8.3	7
Bahawalpur	Leiah	100	6	8	0	00	98	81	6	106	59	7	7	7	9	x	57	57	—	—	1.0	—	7.9	6
	Khanpur	000	0	[illegible]	34	03	[illegible]	93		115	60	5	0	9	5	0	59	59	− 7	+ 6	0	0	1.4	6
	Bahawalpur	C09	4	8	[illegible]	00	96	03	2	114	63	8	[illegible]	8	x	x	59	60	− 14	+ 8	0.1	+ 0.1	6.6	6
	Fort Abbas	100	[illegible]	6	23	03	98	[illegible]	6	106	9	6	4	7	0	0	67	65		—	1.0	—	10.2	4
Peshawar	Chakdara	238	2	8	00	[illegible]	96	51	9	142	52	8	6	7	x	x	49	51	—	—	5.2	—	31.7	—
	Peshawar	145	9	8	27	05	95	61	9	169	53	4	6	6	x	x	52	52	− 12	+ 1	4.0	+ 4.0	26.5	14
	Haripur	159	8	8	[illegible]	06	96	[illegible]	6	124	55	9	7	6	2	x	51	50	—	—	2.3	—	34.4	—
	Campbellpur	135	9	8	00	00	96	[illegible]	[illegible]	161	5	8	7	7	x	x	54	54	—	—	2.1	—	28.0	—
D. I. Khan	Bannu	133	0	8	00	[illegible]	97	53	[illegible]	118	56	8	6	6	x	x	55	55	—	—	2.3	—	15.1	11
	D. I. Khan	049	3	8	[illegible]	03	97	20	6	105	59	8	8	8	x	x	57	57	− 18	+ 6	0.5	+ 0.5	15.3	10
Quetta	Sibi	155	3	3	36	02	98	2	5	126	57	3	C	9	3	0	53	56	—	—	4.0	—	9.2	5
Kalat	Nokkundi	000	0	0	02	02	99	02	0	224	44	0	0	9	0	0	33	40	—	—	0	—	1.1	3
	Turbat	00			[illegible]		6			197	55	0	0	9	0	0	37	xx	—	—	0.6	—	7.9	—
	Jiwani	00	0		36	03	7	02	0	183	64		0	9	0	0	38	57	—	—	0.8	—	6.6	4
	Pasni	000		0			97		0	180	55	0	0	9	0	0	32	50	− 10	− 13	0.3	+ 0.3	3.4	6
	Ormara	0C	0		31	07	[illegible]	C	0	165	67	0	0	9	0	0	43	60	—	—	2.7	+ 2.7	4.8	8
	Las Bela	033	0	0	00	[illegible]	98	00	0	17	[illegible]	0	0	9	0	0	49	59	—	—	0.4	—	—	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	36	14	98	02	0	147	67	0	0	9	0	0	35	[illegible]	+ 3	− 9	1.6	+ 1.6	18.1	8
	Karachi (Air Port)	003	0	0	31	05	97	[illegible]	0	149	62	0	0		0	0	47	58	—	—	3.3	—	26.1	—
	Badin	C00		0	23	02	96	00	0	[illegible]	71	0	0	9	0	0	69	85	− 12	+ 3	0.4	+ 0.4	11.5	9
	Nagarparkar	000	0	0	34	03	98		0	119	[illegible]			9	0	0	68	76	—	—	0	—	30.5	—
	Umarkot	000	0	0	23		96	00	0	126	63	0	0	9	0	0	56	59	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0		00	[illegible]	02	0	137	65	0	0	9	0	0	47	60	− 11	+ 2	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	014	9	0	20	02	96	02	9	133	[illegible]	0	0	9	0	0	59	56	—	—	0.3	—	7.9	—
	Nawabshah	[illegible]		6			92	42	4	140	60	6	7	4	0	0	60	59	—	—	0.3	—	7.5	—
	Sukkur	030	9	0	20	03	96	00	6	126	61	0	0	9	0	0	57	57	—	—	0.8	—	5.3	4
	Kashmore	135	2	4			[illegible]	02	6	024	62	4	1	6	0	0	59	59	—	—	1.3	—	3.4	—
	Jacobabad	004	9	1	25	03	97	[illegible]	9	124	61	1	0	9	3	0	56	58	− 17	+ 3	0.3	+ 0.3	4.7	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	[illegible]	2	8	11	19	xx	xx	x	489	43	8	9	3	x	x	42	42	− 11	− 1	2.2	+ 2.1	20.4	59
Peshawar	Drosh	[illegible]	9	8	00	00	95	[illegible]	7	532	35	8	5	5	x	x	34	31	− 22	− 14	2.9	—	33.5	18
	Cherat	282	3	8	36	08	93	29	9	488	45	8	5	6	x	x	45	41	− 15	− 10	4.9	+ 4.9	36.3	29
	Kakul	14	9	7	31	03	97	21	9	493	48	7	9	5	0	0	47	47	—	—	2.6	—	57.6	—
	Landi Kotal	27	3	8	00	00	94	63	6	488	45	8	6	4	x	x	47	47	—	—	3.6	—	22.5	—
	Parachinar	000	0	8	00	00	99	02	2	797	43	x	x	x	x	x	44	xx	—	—	2.5	—	[illegible]	29
D. I. Khan	Miranshah	083	1	8	00	00	98	61	2	455	50	8	3	6	x	x	48	48	—	—	1.1	+ 1.1	8.1	13
	Wana	050	9	8	00	00	96	60	2	459	47	8	5	7	x	x	46	47		—	—		—	—
	Fort Sandeman	246	x	8	07	00	96	03	6	491	46	8	5	5	x	x	45	45	− 26	+ 10	4.6	+ 4.6	20.6	11
Quetta	Hindubagh	128	0	6	33	10	96	01	6	449	40	3	0	9	2	2	28	39	—	—	3.3	—	16.0	—
	Loralai	167	0	7	00	00	98	02	6	426	44	2	3	9	2	0	42	41	—	—	4.3	—	17.3	—
	Harnai	211	9	6	09	01	96	05	6	xxx	xx	3	4	8	7	3	xx	xx	—	—	5.9	+ 5.8	18.7	14
	Quetta	041	9	5	34	03	94	01	6	483	43	5	5	5	0	0	34	39	—	+ 3	1.8	+ 1.8	12.0	8
	Chaman	000	3	5	18	01	95	02	2	512	42	2	3	6	4	0	36	41	− 23	− 4	0.4	+ 0.4	6.7	7
Kalat	Kalat	023	0	1	36	05	97	01	6	521	34	1	1	7	0	0	32	33	− 16	+ 1	1.1	+ 1.1	12.1	[illegible]
	Nushki	000	0	0	00	00	98	02	0	563	49	0	0	9	0	0	39	45	—	—	0.6	—	3.5	—
	Dalbandin	080	9	0	23	02	97	02	0	507	39	0	0	9	0	0	35	36	− 24	− 9	—	—	—	5
	Panjgur	002	0	0	36	02	98	00	0	515	49	0	0	9	0	0	35	44	− 24	− 4	0.1	—	4.2	4
Afghanistan	Kabul																							—
	Kandahar																							12

Qivasis Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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
* Where 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	0 $T_sT_sT_dT_d$	$I_dd_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia ...	53 215	695 00	2 04 13	98 01 1	119 77	21 7 00	35 50 3	...	0 35 74	1 04 33
Timor ...	53 145	591 00	0 03 06	97 00 0	090 72	25 6 10	25 61 0	...	0 62 68	1 03 xx
City of Swansea ...	53 221	610 00	1 33 11	98 02 0	146 76	11 3 00	35 51 0	...	0 31 60	1 34 44
Daressa ...	53 241	597 00	0 31 07	98 02 0	164 75	00 9 00	55 10 6	...		
Tembemaru ...	53 185	668 06	0 35 13	99 02 0	147 64	11 5 42	76 23 9	...	0 01 75	...
Colton Eindhoven ...	53 251	579 06	0 09 11	98 02 0	101 75	00 9 00	16 31 2	...	0 54 46	1 11 22
Brazil ...	53 218	597 06	0 35 12	99 02 0	175 79	00 9 00	55 00 5	...	0 51 63	1 35 21
Isanda ...	53 218	596 09	0 07 18	99 02 0	166 75	00 9 00	55 72 2	...	0 53 54	1 07 22
City of Swansea ...	53 199	630 12	1 35 18	98 02 0	139 83	11 5 00	35 61 9	...	0 53 61	1 35 44
Brasil ...	53 206	592 12	0 06 13	99 02 0	143 86	00 9 00	55 50 0	...	0 05 63	1 06 33
Tenbamaru ...	53 196	655 12	1 35 13	99 02 0	130 84	11 5 00	76 71 0	...	0 05 75	
Colton Eindhoven ...	53 241	593 12	0 00 00	98 02 0	179 77	00 9 00	36 60 8	...	0 01 70	1 30 32
Isidora ...	53 251	577 18	0 32 05	99 02 0	172 77	09 9 00	76 40 3	...	0 54 54	1 32 xx
Ocean Endurance ...	53 186	703 18	0 18 05	98 00 0	128 81	00 9 00	33 xx x	...	0 00 77	1 18 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	012 212 188	109 xxxxxx	...	xxxxxxxxx	..	xxxxxxxxx	409 050 999	869 545 999	588 660 999	969 820	242 032	423 100	..
Jiwani ...														
Karachi ...	00 00	011 175 115	103 112 045	..	435 138 999	..	081 025 999	240 015 999	774 598 999	452 725 999	950 842	223 005	407 110	..
Lahore ...														
Multan ...														
Peshawar ...	01 00	973 128 128	...	...	470 082 082	..	092 012 012	321 548 548	841 620 620	432 750 999	954 888	224 033	407 072	—
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 182 152	800 138 105	...	...	...	—	...	—	—	800 138 105	—	—
Jiwani ...													
Karachi ...	00 00	900 115 512	...	...	...	...	...	...	...	...	900 115 512	—	—
Lahore ...													
Multan ...													
Peshawar ...	01 00	900 112 112	800 508 508	350 810 999	250 950 999	136 072 999	...	...	...	...	136 072 999	...	—
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	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 ...	33 05	33 03	34 04	07 01	03 02	29 17	28 21	27 15	28 13
Cherat ...		04 04	11 10	12 19	13 24				
Chhor ...	24 09	22 12	23 17	21 29	21 37	21 61			
Chittagong ...	35 06	15 03	15 02	27 03	24 07	28 09	28 07	24 10	29 16
Cox's Bazar ...	32 06	34 04	12 09	xx xx	22 97	26 15			
Dacca ...	32 04	02 05	02 15	03 02	30 09	28 13	28 15	26 09	28 12
Dalbandin ...	—	—	09 01	27 03	32 05	35 11			
D. I. Khan ...			—						
Drosh ...	No	Ascent							
Fort Sandeman ...				04 10	01 08				
Jacobabad ...	08 05	15 07	17 11	18 13					
Jessore ...	36 03	35 05	36 05	06 05	30 03	29 10			
Jhelum ...	10 08	12 12	12 16	13 19	16 47	17 23			
Jiwani ...	No	Ascent							
Karachi ...	26 12	24 17	25 21						
Khanpur ...	35 02	12 02	19 04	19 16	18 17				
Lahore ...	10 09	13 13	14 17	16 17	24 37				
Multan ...	14 03	15 03	14 04	19 12	22 19				
Muscat ...									
Panjgur ...									
Peshawar ...									
Quetta ...	No	Ascent							
Sharjah ...									
Sylhet ...	01 03	03 05	11 08	35 04	35 04	30 10	21 21		
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 ...	01 09	01 09	01 07	32 05	13 03	28 11
Cherat ...						
Chhor ...	24 21	25 17	26 17	26 23	25 36	23 46
Chittagong ...	03 07	03 03	01 01	28 06	27 12	28 11
Cox's Bazar ...	03 11	04 05	32 03	25 14	26 16	29 15
Dacca ...	36 03	36 06	36 04	03 05	19 07	26 12
Dalbandin ...	—		14 02	34 08	35 16	34 27
D. I. Khan ...	—					
Drosh ...				23 02	21 07	24 12
Fort Sandeman ...	No	Ascent	Ascent			
Jacobabad ...	33 14	32 19	30 15	31 18	33 14	09
Jessore ...	36 09	36 05	05 02	02 03	25 06	13
Jhelum ...	12 07	12 17	13 23			
Jiwani ...	No	Ascent				
Karachi ...	32 21	32 35	33 27	32 15	31 33	8 27
Khanpur ...	36 19	02 23	28 04	22 33	21 35	20 19
Lahore ...	11 12	15 20	16 24	16 14		
Multan ...	36 17	01 83	21 03	22 27	20 38	20 61
Muscat ...						
Panjgur ...						
Peshawar ...						
Quetta ...	No	Ascent				
Sharjah ...						
Sylhet ...	08 07	08 03	04 03	07 05	09 03	28 18
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 06	03 05	06 02	10 04	18 06	26 17	28 15	27 17	24 21	24 25	—
Cherat ...											
Chhor ...											
Chittagong ...	16 02	18 03	19 07	21 10	22 10	22 17	22 31	22 55			
Cox's Bazar ...	24 07	20 06	21 09	23 15	24 17	27 11	27 11	36 03	19 05		
Dacca ...	08 02	37 02	08 04	21 02	26 09	26 13	29 09	26 11	24 15	25 19	
Dalbandin ...			19 01	01 04	35 12	34 26	33 43	34 47	32 47	33 47	31 55
D. I. Khan ...											
Drosh ...	No										
Fort Sandeman ...				27 05	33 09						
Jacobabad ...	25 10	29 12	29 13	34 13	31 12	31 19	30 35	29 52	27 55		
Jessore ...	04 01	30 02	18 03	12 03	23 10	33 11					
Jhelum ...	11 47	11 19	12 16								
Jiwani ...	No	Ascent									
Karachi ...	32 17	33 15	32 15	30 20	30 21	31 34	27 89	28 37			
Khanpur ...	33 07	33 06	29 12	26 14	25 17						
Lahore ...	12 23	12 33									
Multan ...	27 08	26 15									
Muscat ...											
Panjgur ...											
Peshawar ...											
Quetta ...					31 04	33 19					
Sharjah ...											
Sylhet ...	11 04	13 03	13 05	09 08	09 07	27 17	29 24	29 20	26 24	26 19	25 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. a.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.x	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 ...	33 01	05 01	08 01	01 06	29 04	27 12	28 17	36 10	23 12	22 19	23 33	27 17	31 10	12 23	26 28		—	..
Karachi ...	32 21	33 24	32 23	31 22	31 25	29 31	28 47	27 52	26 58	26 66	26 83	76 02	23 69	25 69	25 67	27 69	—	—
Peshawar ...	Missing	—	—				...	—	—	—	...			...	—	—	—	
Quetta ...																		

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

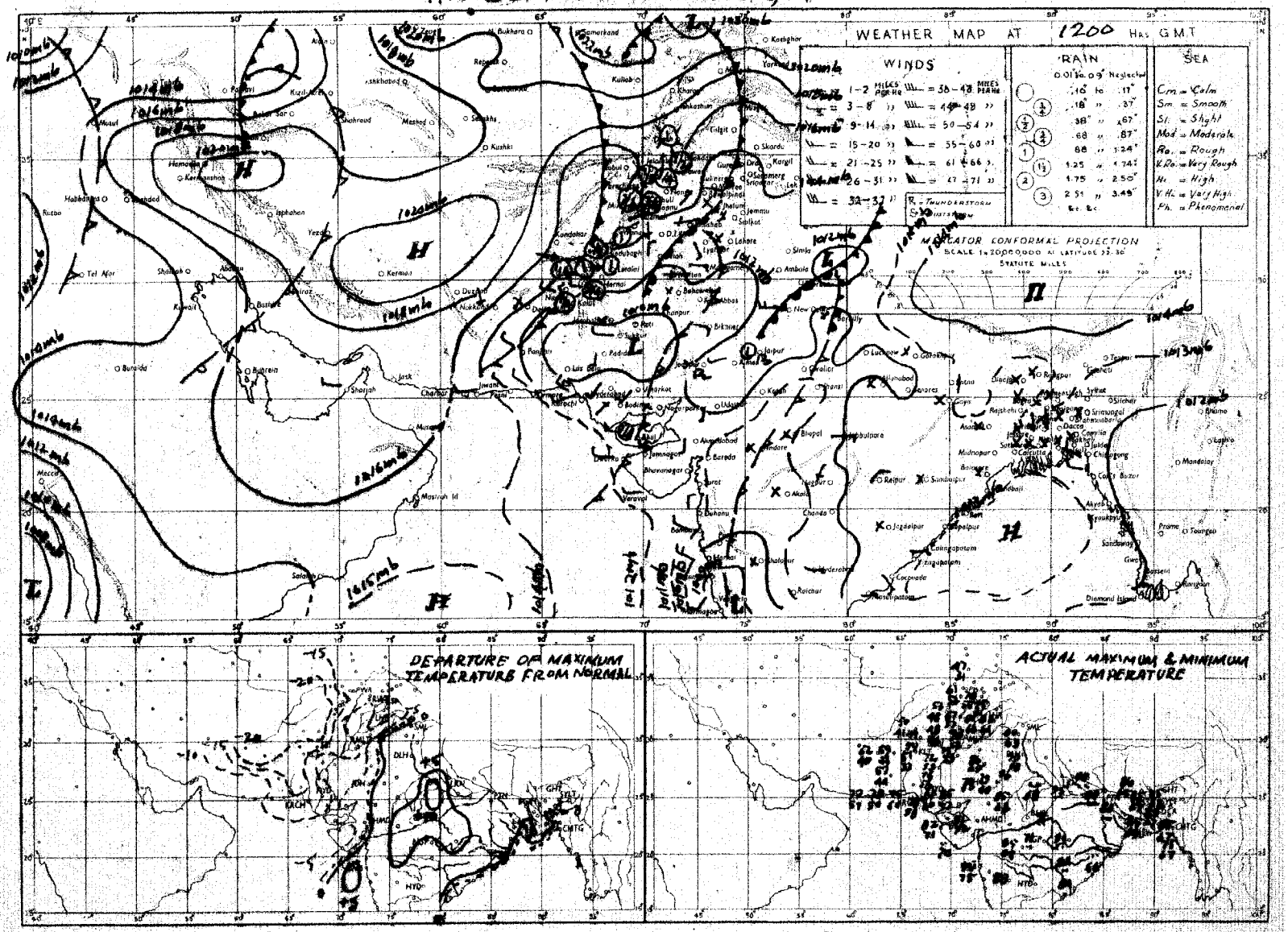
Cloud observation Data (GGiii Cdd V,V, etc.)

11712 63409 11715 51817
62130

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 NOVEMBER, 1959



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

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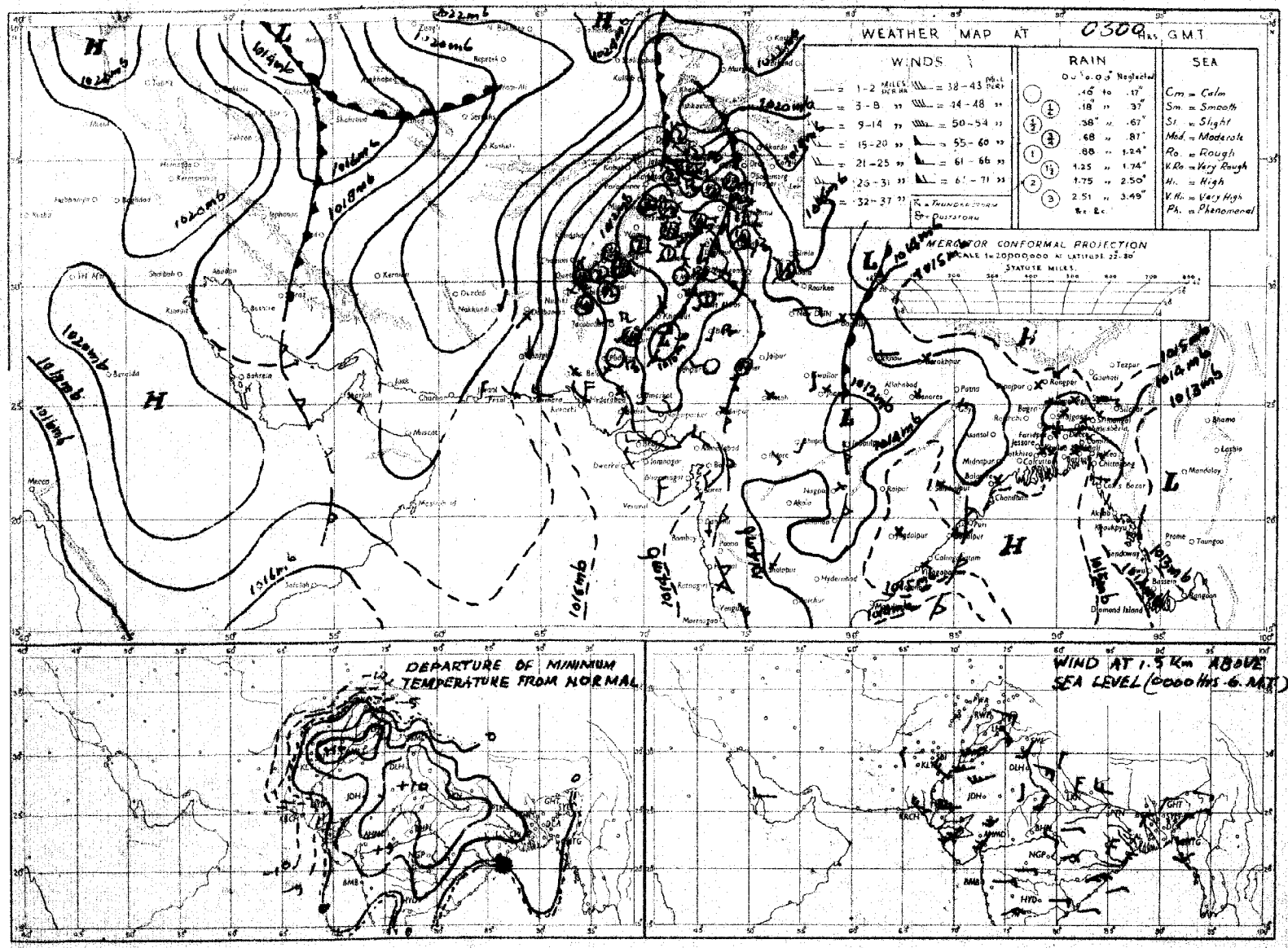
PAKISTAN DAILY WEATHER MAP

FRIDAY 6th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 7th NOVEMBER, 1959.

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

Yesterday's low over west Rajasthan and adjoining areas moved away northeastwards while a fresh western disturbance is moving across Russian Turkistan north of Kashmir with its trough extending to D. I. Khan division. They have caused widespread rain/thundershowers in Lahore, Rawalpindi and Peshawar divisions, local in D. I. Khan division and scattered in Multan and Bahawalpur divisions.

A westerly low pressure wave is approaching west Bengal.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Jhelum 3"; Sialkot, Rawalpindi and Murree 2" each; Leiah and Haripur 1½" each; Peshawar, Campbellpur and D. I. Khan 1" each; Lahore and Cherat 3/4" each; Khushab and Kakul ½" each and Lyallpur, Drosh, Chakdara, Landikotal and Wana 1/4" each.

Night temperatures were:- 4—8 °F above normal in Lahore and Multan divisions and were 4—5°F below normal in Quetta, Kalat and Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 8th November, 1959. Rain/thundershowers will be local in Peshawar, Rawalpindi, Lahore and D. I. Khan divisions and scattered in Multan and Bahawalpur divisions and Kashmir.

Karachi-11
The 7th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	080	0	1	25	02	95	02	0	117	78	0	0	9	0	1	69	87
	Chittagong	000	0	0	27	02	xx	00	0	118	75	0	0	9	0	0	68	84
	Maijdee Court	000	9	0	00	00	xx	00	0	118	78	0	0	9	0	0	71	84
	Comilla	000	0	0	00	00	94	00	0	116	79	0	0	9	0	0	76	86
	Brahmanbaria	000	0	1	00	00	xx	01	1	119	78	0	0	9	0	8	72	85
	Sylhet	000	0	1	00	00	xx	02	0	114	75	0	0	9	0	1	67	83
	Srimangal	000	0	2	00	00	xx	01	0	136	76	0	0	9	0	1	70	86
Dacca	Mymensingh	000	0	3	00	00	98	01	1	119	80	2	2	5	0	4	71	87
	Narayanganj	000	9	2	00	00	xx	03	0	115	80	1	4	6	0	1	69	87
	Dacca (Tezgaon)	000	9	1	00	00	97	01	1	112	79	0	0	5	0	1	70	85
	Faridpur	000	6	3	05	02	96	05	0	125	82	2	4	8	1	0	78	86
	Barisal	000	0	0	00	00	97	02	1	118	81	0	0	9	0	0	74	85
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	123	79	0	0	9	0	0	72	87
	Satkhira	000	0	0	00	00	98	00	0	118	79	0	0	9	0	0	73	86
	Jessore	000	0	2	27	02	97	01	1	121	82	2	4	6	0	0	68	87
	Sirajganj	000	0	2	00	00	90	03	0	108	77	0	0	9	0	1	77	87
	Bogra	000	0	4	00	00	xx	01	1	117	82	0	0	9	0	1	71	87
	Dinajpur	000	0	0	00	00	xx	00	0	114	79	0	0	9	0	1	70	86
	Rangpur	000	0	2	00	00	96	01	0	xxx	78	1	5	6	0	1	71	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	071	8	5	13	07	96	29	9	085	67	4	3	6	3	0	65	72
	Sialkot	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rawalpindi	Jhelum	213	2	8	05	07	96	50	9	091	61	5	7	5	2	x	59	67
	Rawalpindi	166	9	8	02	02	96	67	5	095	56	8	7	3	x	x	54	74
	Khushab	045	1	6	36	02	99	03	6	072	67	6	3	6	0	0	51	69
Multan	Lyallpur	035	3	6	25	03	95	02	9	085	69	6	3	8	0	0	66	73
	Montgomery	005	3	4	23	05	96	01	6	085	67	4	4	7	2	0	62	74
	Multan	000	0	6	31	05	97	01	1	079	68	4	4	5	3	0	58	70
Bahawalpur	Leiah	xxx	7	8	26	20	99	25	5	109	57	7	7	6	9	x	56	59
	Khanpur	000	0	0	25	04	96	00	0	099	74	0	0	9	0	0	60	78
	Bahawalpur	000	5	2	05	02	97	02	0	107	71	3	0	8	3	0	68	75
	Fort Abbas	000	0	6	00	00	98	02	1	094	71	6	6	7	0	1	57	75
Peshawar	Chakdara	020	9	8	00	00	96	50	6	100	57	8	6	7	x	x	51	59
	Peshawar	060	7	3	25	05	97	01	6	146	60	3	8	7	x	0	45	71
	Haripur	167	6	8	09	06	97	03	6	107	54	8	7	6	x	x	49	67
	Campbellpur	105	x	8	05	07	96	60	9	126	56	8	6	7	x	x	54	59
D. I. Khan	Bannu	012	2	7	16	01	99	01	6	085	65	7	6	6	0	0	58	66
	D. I. Khan	114	6	7	36	04	97	01	6	091	62	7	7	8	0	0	59	62
Quetta	Sibi	000	0	0	13	02	99	00	0	104	72	0	0	9	0	0	54	74
Kalat	Nokkundi	000	0	0	11	02	99	02	0	150	70	0	0	9	0	0	23	72
	Turbat	000	0	0	27	02	96	00	0	122	83	0	0	9	0		51	84
	Jiwani	000	0	0	23	09	97	02	0	151	74	0	0	9	0	0	46	80
	Pasni	000	0	0	27	07	97	00	0	132	82	0	0	9	0	0	45	83
	Ormara	0.0	0	0	23	09	96	00	0	124	76	0	0	9	0		51	76
	Las Bela	000	0	0	00	00	98	00	0	132	82	0	0	9		0	75	86
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	36	16	98	02	0	117	74	0	0	9	0	0	48	75
	Karachi (Air Port)	000	0	0	31	10	97	02	0	117	75	0	0	9	0		47	78
	Badin	000	0	0	00	00	97	00	0	114	80	0	0	9	0	0	52	81
	Nagarparkar	000	0	0	29	02	98	00	0	588	90	0	0	9	0	0	66	91
	Umarkot	000	0	0	23	02	98	00	0	103	78	0	0	9	0	0	51	80
	Hyderabad	000	0	0	00	00	97	02	0	114	78	0	0	9	0	0	47	84
Khairpur	Pad-i-dan	000	0	0	36	02	98	02	0	115	75	0	0	9	0	0	47	79
	Nawabshah	000	0	0	27	03	97	02	0	121	77	0	0	9	0	0	46	79
	Sukkur	000	0	0	23	03	96	00	0	105	73	0	0	9	0	0	55	78
	Kashmore	000	0	0	27	03	99	00	0	105	72	0	0	9	0	0	57	75
	Jacobabad	000	0	0	27	02	98	02	0	106	77	0	0	9	0	0	49	79
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	170	2	8	09	09	95	61	7	484	36	8	9	2	x	x	35	43
Peshawar	Drosh	027	7	8	00	00	94	03	6	492	40	8	7	3	x	x	39	42
	Cherat	073	7	8	36	10	93	92	9	471	45	5	8	5	6	x	45	46
	Kakul	150	6	8	31	03	93	21	6	482	46	8	7	3	x	x	45	53
	Landi Kotal	030	8	2	00	00	96	01	6	475	49	7	6	5	0	0	46	50
D. I. Khan	Parachinar	000	0	2	13	02	99	02	0	798	51	2	0	9	1	0	48	xx
	Miranshah	005	1	4	15	02	99	02	6	446	58	4	3	7	0	0	47	60
	Wana	026	5	6	16	02	99	60	1	441	54	6	0	9	6	0	48	54
	Fort Sandeman	007	4	8	00	00	96	04	6	483	52	8	5	5	x	x	47	52
Quetta	Hindubagh	000	3	2	31	09	96	02	0	460	48	0	0	8	0	2	35	51
	Loralai	000	0	6	31	07	96	01	1	414	53	3	2	8	2	0	43	61
	Harnai	000	8	0	27	12	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	39	09	98	01	1	594	49	1	8	6	0	0	31	51
	Chaman	000	0	0	27	02	97	00	0	510	57	0	0	9	0	0	27	58
Kalat	Kalat	000	0	0	34	10	98	02	0	521	42	0	0	9	0	0	33	46
	Nushki	000	0	0	00	00	99	03	0	545	58	0	0	9	0	0	31	59
	Dalbandin	000	4	0	00	00	98	02	0	522	65	0	0	9	0	0	31	67
	Panjgur	008	0	0	36	03	98	00	0	517	64		0	9	0	0	27	64
Afghanistan	Kabul	000	0	6	32	02	97	01	3	567	46		5	7	0	0	38	46
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	2	11	03	97	03	0	130	78	0	0	9	0	4	69	69
Chittagong	000	5	0	00	00	96	02	4	138	77	0	0	9	0	0	69	64
Maijdee Court	000	9	0	00	00	98	00	0	136	80	0	0	9	0	0	69	70
Comilla	080	0	0	00	00	57	00	0	126	78	0	0	9	0	0	71	68
Brahmanbaria	000	0	1	00	00	97	01	1	139	78	1	1	5	0	0	69	70
Sylhet	000	0	1	09	05	97	02	0	132	74	1	0	9	3	0	67	65
Srimangal	000	0	0	00	00	96	00	0	137	75	0	0	9	0	0	68	60
Mymensingh	000	0	0	00	00	98	00	0	142	77	0	0	9	0	0	72	68
Narayanganj	000	9	0	27	02	96	05	0	135	82	0	0	9	0	0	68	71
Dacca (Tezgaon)	000	0	1	23	02	97	02	0	128	79	0	0	9	0	1	69	67
Faridpur	000	0	1	00	00	96	05	0	156	80	1	5	7	0	0	73	66
Barisal	000	0	4	27	01	97	03	0	137	77	2	0	9	0	3	73	70
Khulna	000	0	0	00	00	97	00	0	138	80	0	0	9	0	0	71	70
Satkhira	000	0	2	00	00	98	01	1	140	78	2	0	9	3	0	71	69
Jessore	000	0	2	27	03	97	01	0	138	75	0	0	9	0	2	70	66
Sirajganj	000	0	0	00	00	98	00	0	115	82	0	0	9	0	0	78	68
Bogra	000	0	0	00	00	96	02	0	136	76	0	0	9	0	0	71	68
Dinajpur	000	0	0	00	00	96	00	0	138	76	0	0	9	0	0	68	65
Rangpur	000	0	0	05	02	96	01	4	xxx	76	0	0	9	0	0	71	67
Jammu																	
Lahore (Jail Rd.)	071	9	1	00	00	96	02	1	160	61	1	0	9	3	0	57	57
Sialkot	209	4	8	00	00	96	01	6	170	64	6	3	8	4	x	60	58
Jhelum	261	3	7	00	00	98	02	9	165	58	1	1	7	7	0	55	57
Rawalpindi	184	9	7	00	00	96	02	6	173	54	7	5	6	0	0	53	52
Khushab	045	0	5	00	00	95	03	1	165	60	6	3	6	8	0	56	57
Lyallpur	035	9	6	0	00	99	02	9	155	60	6	7	8	0	0	58	58
Montgomery	005	0	0	23	03	96	[illegible]	0	[illegible]	61	0	0	9	0	0	55	57
Multan	000	0	0	00	00	98	02	0	168	59	0	0	9	0	0	53	57
Leiah	151	0	0	36	03	99	02	6	170	57	0	0	9	0	0	55	50
Khanpur	000	0	0	26	13	96	02		160	60	0	0	9	0	0	56	55
Bahawalpur	000	0	0	00	[illegible]	97	[illegible]	0	171	65	0	0	9	0	0	58	54
Fort Abbas	000	0	0	[illegible]	00	98	00	0	162	65	0	0	9	0	0	58	56
Chakdara	020	0	0	00	[illegible]	96	02	1	185	51	0	0	9	0	0	49	48
Peshawar	100	7	1	13	03	98	02	6	17[illegible]	55	1	5	6	0	0	43	53
Haripur	167	3	6	31	04	97	03	1	156	56	6	0	9	7	0	51	50
Campbellpur	105	9	8	[illegible]	[illegible]	96	[illegible]	9	165	57	8	4	4	x	x	53	52
Bannu	012	0	0	34	01	99	00	0	154	56	0	0	9	0	0	52	54
D. I. Khan	114	0	0	0	0	98	00	0	169	56	0	0	9	0	0	55	53
Sibi	000	0	0	00	00	99	00	0	167	55	0	0	9	0	0	51	54
Nokkundi	000	0	0	[illegible]	02	99	02	0	226	47	0	0	9	0	0	33	41
Turbat	000	0	0	09	[illegible]	56	[illegible]	0	165	60	0	0	9	0	0	37	xx
Jiwani	000	0	0	36	03	57	02	0	162	62	0	0	9	0	0	50	59
Pasni	000		0	00	[illegible]	[illegible]	[illegible]	0	164	67	0	0	9	0	0	53	xx
Ormara	000	0	0	31	05	97	[illegible]	0	157	63	0	0	9	0	0	43	54
Las Bela	000	0	0	00	00	96	00	0	167	65	0	0	9	0	0	43	53
Karachi (Manora)	000	0	0	09	14	96	02	0	152	71	0	0	9	0	0	37	65
Karachi (Air Port)	000	0	0	00	00	96	02	0	156	57	0	0	9	0	0	52	52
Badin	000	0	0	23	02	96	00	0	148	66	0	0	9	0	0	59	61
Nagarparkar	000	0	0	36	02	98	[illegible]	0	145	79	0	0	9	0	0	67	72
Umarkot	000	0	0	02	03	[illegible]	[illegible]	0	145	61	0	0	9	0	0	54	54
Hyderabad	000	0	3	00	00	[illegible]	[illegible]	0	156	61	0	0	9	0	8	53	57
Pad-i-dan	000	0	0	00	00	97	02	0	160	57	0	0	9	0	0	54	50
Nawabshah	000	0	0	00	[illegible]	[illegible]	02	0	166	60	0	0	9	0	0	51	50
Sukkur	000	0	0	16	02	[illegible]	00	0	157	56	0	0	9	0	0	54	56
Kashmore	000	0	0	05	03	[illegible]	[illegible]	0	17[illegible]	65	0	0	9	0	0	56	55
Jacobabad	000	0	0	00	00	97	02	0	160	64	0	0	9	0	0	51	56
Murree	201	9	7	13	19	97	02	6	523	42	5	4	4	8	0	39	34
Drosh	027		5	00	00	96	01	5	542	42	3	8	7	6	0	41	40
Cherat	073	0	0	36	05	99	00	0	538	49	0	0	9	0	0	45	42
Kakul	182	9	4	13	02	98	01	6	52[illegible]	48	4	4	6	0	0	42	44
Landi Kotal	030	3	1	00	00	98	01	4	509	49	0	0	9	0	0	45	xx
Parachinar	000	0	3	00	00	99	02	0	797	43	3	0	9	1	9	40	xx
Miranshah	00	0	0	00	00	99	00	0	493	52	0	0	9	0	0	46	49
Wana	026	0	0	00	00	99	00	0	496	45	0	0	9	0	0	41	42
Fort Sandeman	008	0	0	[illegible]	03	98	02	0	531	53	0	0	9	0	0	39	44
Hindubagh	000	0	0	25	06	98	00	0	488	41	0	0	9	0	0	29	40
Loralai	000	0	0	31	02	98	00	0	396	41	0	0	9	0	0	31	38
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	94	00	0	536	43	0	0	9	0	0	34	39
Chaman	000	0	0	09	01	96	00	0	539	44	0	0	9	0	0	32	40
Kalat	000	0	0	00	00	97	02	0	550	35	0	0	9	0	0	28	28
Nushki	000	0	0	09	11	98	02	0	557	52	0	0	9	0	0	35	44
Dalbandin	000	0	0	09	02	98	02	0	518	41	0	0	9	0	0	34	36
Panjgur	000	0	0	05	02	98	00	0	521	51	0	0	9	0	0	35	44
Kabul	025	8	8	36	00	96	03	5	xxx	xx	2	7	9	0	5	27	32

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 November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+ 2	— 1	0	— 1.8	141.1	140
Chittagong	0	— 4	0	— 1.1	142.0	108
Maijdee Court	0	+ 2	0	— 0.9	144.7	115
Comilla	+ 1	+ 1	0	— 0.6	107.7	94
Brahmanbaria	—	—	0	— 0.4	85.2	76
Sylhet	—	—	0	—	193.9	—
Srimangal	— 2	— 2	0	— 0.8	109.4	58
Mymensingh	+ 3	+ 1	0	— 0.5	113.3	91
Narayanganj	+ 2	+ 2	0	— 0.4	103.9	74
Dacca (Tezgaon)	—	—	0	—	103.6	—
Faridpur	+ 3	— 1		— 0.6	116.6	71
Barisal	+ 1	+ 2	0	— 0.8	140.5	81
Khulna	+ 3	+ 4		— 0.5	102.8	68
Satkhira	0	+ 4	0	— 0.3	82.1	65
Jessore	+ 3	+ 1	0	— 0.6	105.8	65
Sirajganj	+ 4	+ 3	0	— 0.4	107.7	64
Bogra	+ 4	+ 3	0	— 0.5	104.4	69
Dinajpur	+ 2	+ 2	0	— 0.1	66.9	72
Rangpur	+ 1	+ 4	0	— 0.2	92.4	84
Jammu						—
Lahore (Jail Rd.)	— 14	+ 8	1.1	+ 1.1	27.1	19
Sialkot		+ 6	3.1	+ 3.1	61.2	32
Jhelum	—	—	3.4	—	53.4	—
Rawalpindi	— 6	+ 6	3.2	+ 3.2	55.5	36
Khushab	— 16	+ 4	1.1	+ 1.1	26.5	15
Lyallpur	— 11	+ 8	0.7	+ 0.7	19.0	12
Montgomery	— 13	+ 4	0.1	+ 0.1	8.5	10
Multan	— 16	+ 4	0.1	+ 0.1	8.3	7
Leiah	—	—	2.5	—	9.5	8
Khanpur	— 11	+ 2	0	0	1.4	6
Bahawalpur	— 12	+ 2	0.1	+ 0.1	6.6	6
Fort Abbas	—	—	1.0	—	10.2	4
Chakdara	—	—	5.4	—	31.9	—
Peshawar	— 8	+ 2	5.0	+ 5.0	27.5	14
Haripur	—	—	4.0	—	36.1	—
Campbellpur	—	—	3.1	—	39.1	—
Bannu	—	—	2.4	—	15.2	11
D. I. Khan	— 23	+ 2	1.1	+ 1.6	16.5	10
Sibi	—	—	4.0	—	9.2	5
Nokkundi	—	—	0.1	—	1.1	2
Turbat	—	—	0.7	—	7.9	—
Jiwani	—	—	0.8	—	6.6	4
Pasni	— 4	—	0.3	+ 0.3	3.4	6
Ormara	—	—	2.7	+ 2.7	6.8	6
Las Bela	—	—	0.4	—	7.3	6
Karachi (Manora)	— 14	— 4	1.6	+ 1.5	18.1	8
Karachi (Air Port)	—	—	3.3	—	26.1	—
Badin	— 13	— 1	0.4	+ 0.4	11.5	9
Nagarparkar	—	—	0	—	30.5	—
Umarkot	—	—	0.5	—	20.8	—
Hyderabad	— 7	— 3	0.5	+ 0.5	15.9	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	— 10	+ 1	0.3	+ 0.3	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 16	— 9	4.2	+ 4.0	82.6	59
Drosh	— 25	— 5	3.1	—	33.8	18
Cherat	— 23	— 9	5.7	+ 5.5	37.1	29
Kakul	—	—	4.4	—	59.4	—
Landi Kotal	—	—	3.9	—	22.8	—
Parachinar	—	—	5.3	—	33.4	29
Miranshah	—	—	1.1	+ 1.1	8.1	13
Wana	—	—	1.1	—	15.2	—
Fort Sandeman	— 23	0	4.7	+ 4.7	20.7	11
Hindubagh	—	—	3.3	—	16.0	—
Loralai	—	—	4.3	—	17.3	—
Harnai	—	—	5.9	+ 5.8	18.7	14
Quetta	— 16	+ 3	1.8	+ 1.8	12.0	8
Chaman	— 13	— 5	0.4	+ 0.4	6.7	7
Kalat	— 19	— 4	1.1	+ 1.1	12.1	9
Nushki	—	—	0.6	—	3.5	—
Dalbandin	— 13	— 9	0.2	+ 0.2	2.4	5
Panjgur	— 14	— 4	0.1	—	4.2	4
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

SATURDAY THE 7th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	D.V. a PP	8 N. Ch. h.	O T. T. Td Td	Id.d. PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tambamara	63 215	628 00	0 35 15	99 02 0	158 73	00 9 00	76 80 2	—	0 57 55	..
Samelaro	63 250	577 00	0 00 00	98 00 0	130 75	00 9 00	35 60 8	—	0 56 68	1 00 xx
Tambamaru	63 224	613 06	0 34 14	99 02 0	181 79	00 9 00	76 xx x	—	0 05 55	—
Tibia	63 195	628 06	1 36 09	99 02 0	150 77	..	—	—	—	—
Samelaro	63 236	536 06	0 18 03	99 00 0	151 82	00 9 00	35 40 0	—	0 02 73	1 00 xx
Yoma	63 117	540 12	2 05 11	98 01 0	129 80	10 9 41	65 61 2	—	0 03 73	1 04 33
Tambamaru	63 235	599 12	0 32 14	99 02 0	155 79	00 9 00	76 71 0	—	0 00 43	..
Tibia	63 186	636 12	1 36 12	99 02 0	110 77	..		..		
Samelaro	63 229	596 12	0 34 08	98 00 0	119 77	00 9 00	35 71 2	..	0 54 63	1 34 31
Baltex Delft	63 248	579 12	0 30 07	98 02 0	166 79	00 9 00	..	..	0 51 57	1 30 20
Eglide	61 166	633 18	0 01 09	98 02 0	148 77	00 9 00	65 00 0	..	0 52 41	1 01 43

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	010 225 195	094 235 175	—	490 115 072	..	120 122 999	386 018 999	334 552 999	545 678 999	964 828	—	—	..
Jiwani														
Karachi	00 00	011 178 062	111 212 122	..	500 172 999	..	130 080 999	280 515 999	808 608 999	493 698 999	958 828	256 425	412 165	..
Lahore														
Multan														
Peshawar	23 00	972 122 115	—	—	470 115 115	..	080 018 018	305 562 562	709 640 999	375 740 999	932 862	205 988	391 040	446 100
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 165 128	834 122 068	..	—	—	—	—	—	—	834 112 068	—	—
Jiwani													
Karachi	00 00	—	—	..	..	..	—	—	—	—	150 165 999	—	—
Lahore													
Multan													
Peshawar	23 00	900 135 135	800 088 088	350 800 999	250 918 999	879 128 999	—	..	—	..	079 128 999	—	—
Quetta													

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff) — 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. → 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	29 06	30 04	33 02	21 01	26 07	30 23	...	..	..
Chilas	..	06 17	08 15	15 09	..	..	..	—	—
Chhor	27 07	29 06	29 09	27 18	26 17	26 24	28 29	28 33	27 37
Chittagong	30 05	30 03	19 06	23 11	..	—	..	..	—
Cox's Bazar	24 04	xx xx	25 09	—	—	—	—	—	—
Dacca	28 02	28 02	28 03	31 05	26 12	27 15	28 13	26 14	25 17
Dalbandin	..	—	19 01	31 03	30 09	34 36	33 42	33 38	32 40
D. I. Khan	..	—	—	..	..	..	—	..	—
Drosh	—	—	—	..	04 05	—	—	—	—
Fort Sandeman	—	—	—	12 02	29 03	34 29	—	—	—
Jacobabad	25 07	33 07	22 09	23 11	29 13	28 16	29 47	28 59	28 61
Jessore	29 09	30 09	29 07	01 01	20 03	—	..	..	..
Jhelum	04 13	04 19	07 11	—	..	..	..	..	—
Jiwani	No	Ascent	—	—	..	..	..	—	29 46
Karachi	32 20	33 17	33 13	36 12	31 13	28 17	31 38	30 39	—
Chanpur	24 09	26 09	27 12	28 20	29 22	30 28	..	—	—
Lahore	21 17	31 25	22 25	..	..	—	—	—	..
Multan	32 29	27 07	24 17	29 21	29 27	29 37	—	—	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	36 13	01 12	05 12	—	—	—	—	—
Quetta	—	..	—	—	31 13	—	—	—	—
Sheikhjab	—	—	—	—	—	—	—	—	—
Sylhet	32 04	33 04	05 02	12 06	01 01	23 06	—	—	—
Varsova	—	—	—	—	—	—	—	—	—

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

Height in Kms. a.s.l. → STATION	0.3 (17)	0.6 (18)	9.0 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra	32 03	29 03	29 04	—	...	..	—	—	—	—	—
Chilas	—	—	..	..	—	—	...	—	—	—	—
Chhor	..	..	—	—	..	..	...	..	—	—	—
Chittagong	29 03	23 03	—	—	—	—	..	—	—	—	..
Cox's Bazar	34 04	31 07	21 10	23 12	24 15	32 07	27 12	23 15	24 15	21 19	..
Dacca	27 08	29 06	29 05	24 0?	26 04	27 09	27 20	28 26	26 27	—	—
Dalbandin	—	—	06 04	04 04	36 16	34 25	31 21	30 25	29 31	29 37	29 53
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	04 05	04 23	22 09	16 07	—	—	—
Fort Sandeman	..	—	—	22 03	31 02	33 13	32 17	31 25	32 27	28 33	28 46
Jacobabad	04 03	34 06	34 07	36 06	36 04	34 19	31 23	31 28	31 26	30 41	..
Jessore	29 04	30 04	30 04	31 05	..	—	—	—	—	—	..
Jhelum	35 03	07 05	10 10	12 15	12 19	15 20	31 07	32 20	30 21	28 27	27 38
Jiwani	No	Ascent	..	..	—	—	—	—	—	—	..
Karachi	07 09	08 11	08 13	02 10	34 12	33 15	33 23	32 34	30 35	27 53	..
Chanpur	04 11	04 13	03 13	35 10	33 08	33 12	32 25	31 22	30 23	—	..
Lahore	17 05	17 09	17 12	16 13	14 14	—	—	—	—	..	—
Multan	02 08	01 11	01 14	35 13	34 07	31 13	31 23	29 19	28 19	26 35	28 54
Muscat	—	—	..	—	—	—	—	—	..	..	..
Panjgur	—	—	—	—	—	—	—	—	—	—	..
Peshawar	—	05 02	31 05	30 03	04 04	03 11	01 18	34 08	32 10	—	—
Quetta	—	—	—	—	28 04	33 19	32 26	30 27	29 28	29 35	29 51
Sheikhjab	—	—	—	—	—	—	—	..	..	—	—
Sylhet	27 03	24 03	15 02	18 01	13 01	27 11	—	..	...	—	..
Varsova	—	—	—	..	—	—	—	..	—	—	—

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

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

Height in g.p. Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong																		
Dacca	12 12	36 11	36 04	35 03	31 06	35 18	27 23	25 24	25 23	25 29	25 31	28 29						..
Karachi	11 10	07 12	35 15	35 16	35 13	31 24	32 24	32 31	32 35	26 45	27 60	26 74	24 76	26 76	26 61	—	—	—
Peshawar	Misda	—	—	—	..	..	—	—	—	..	—	**	—		..	—	—	
Quetta																		

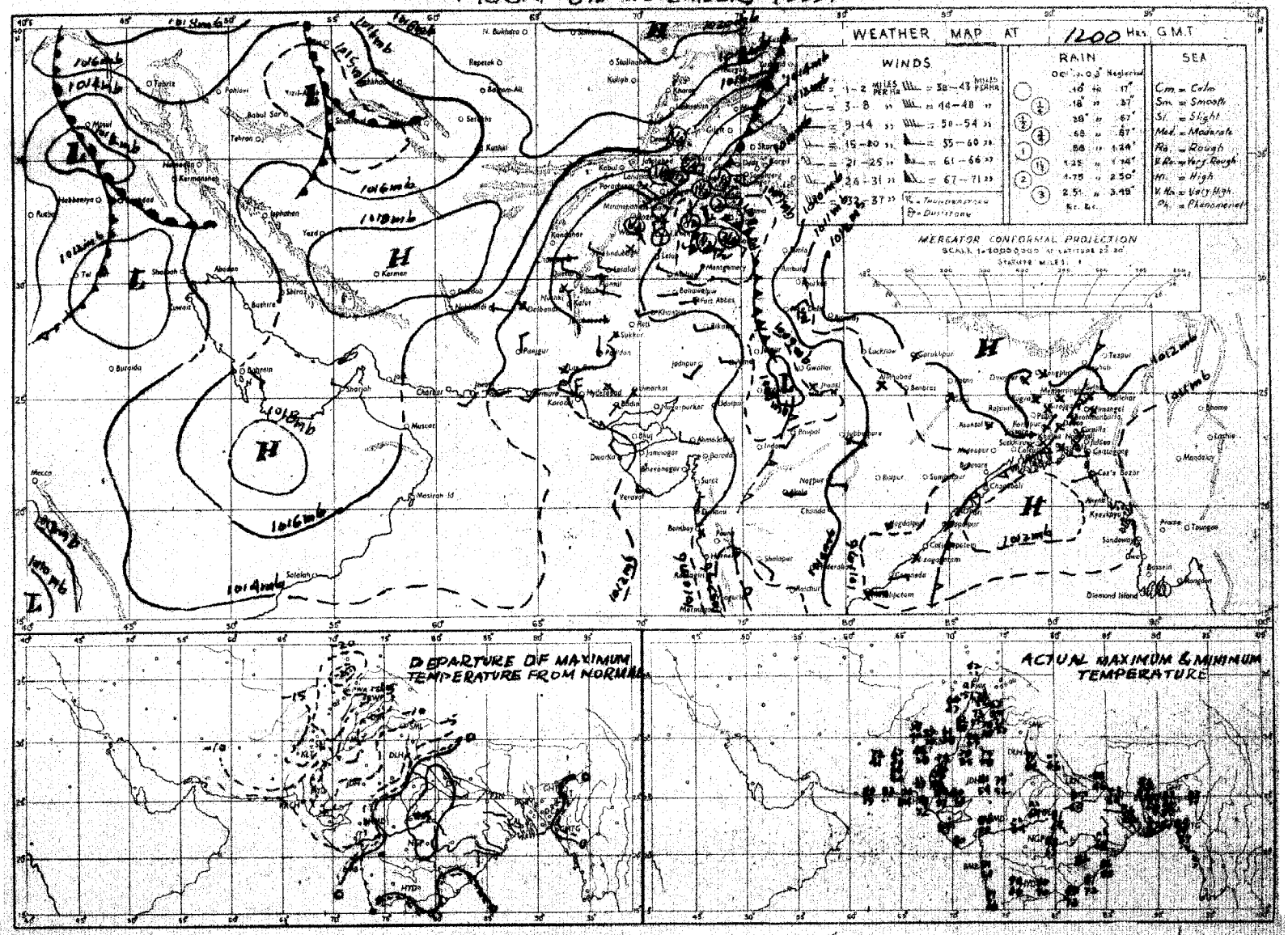
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

Accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary applic. ation to the Meteorologist, Weather Central Air Port, KARACHI- 11

PAKISTAN DAILY WEATHER MAP

FRIDAY 6th NOVEMBER, 1959.



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

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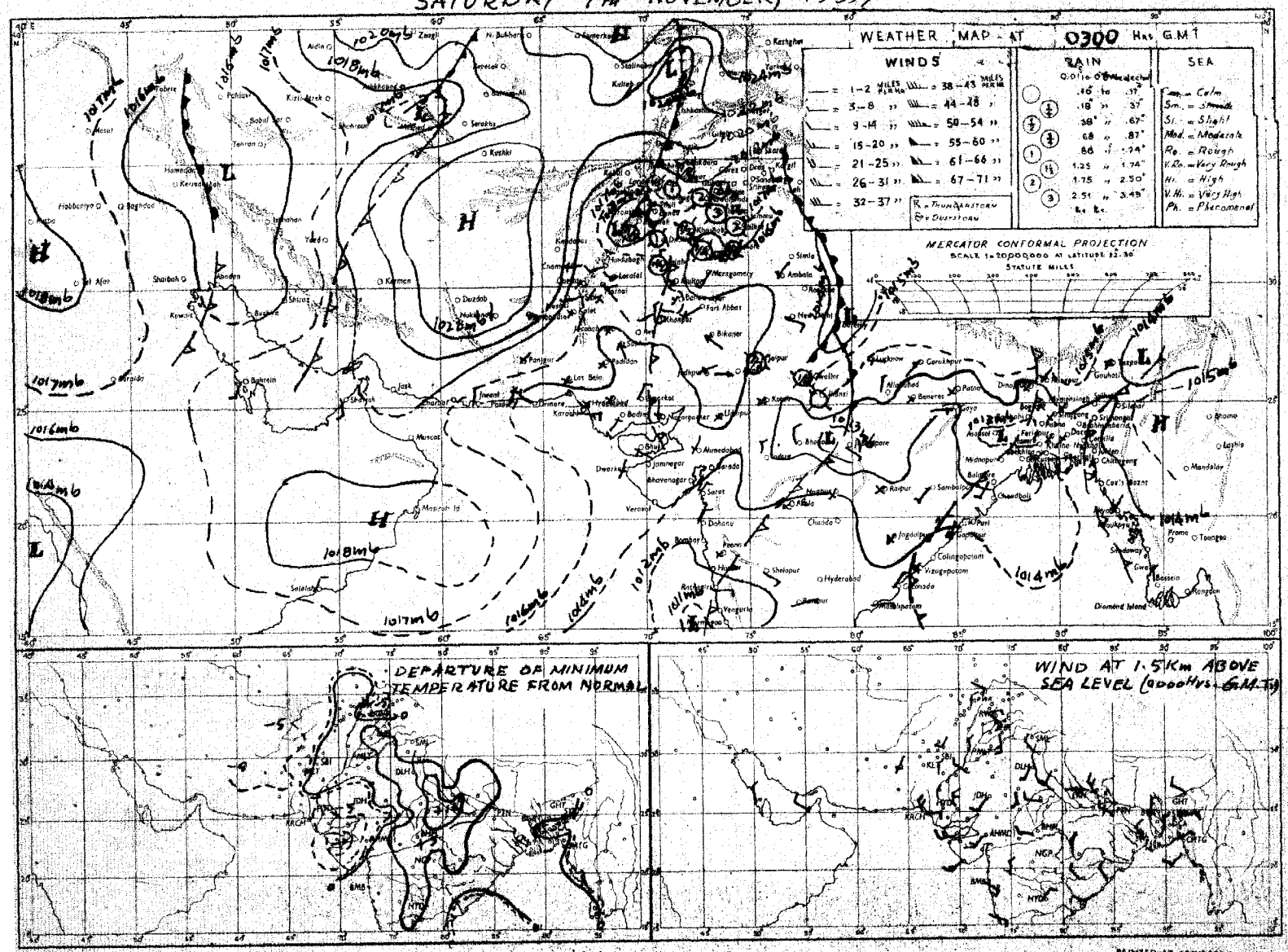
PAKISTAN DAILY WEATHER MAP

SATURDAY 7th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 8th NOVEMBER, 1959.

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

Yesterday's western disturbance over East Russian Turkistan moved away northeastwards. Its associated trough is moving across Kashmir and Rawalpindi division.
A fresh western disturbance is moving across Russian Turkistan north of Afghanistan.
The westerly low pressure wave is now moving across sub-Himalyan West Bengal.
Weather remained dry over the country.
Night temperatures were:- 3—6 °F below normal in Quetta and Kalat divisions and 2—5°F above normal in Lahore, Multan, D.I. Khan, Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 9th November, 1959. Weather will be dry over the country.

Karachi-11
The 8th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	112	77	1	0	9	2	1	69	83
	Chittagong	000	0	3	00	00	xx	01	1	116	76	2	0	9	2	1	69	84
	Maijdee Court	000	9	0	00	00	xx	00	0	111	77	0	0	9	0	0	70	85
	Comilla	000	0	0	00	00	xx	00	0	108	78	0	0	9	0	0	72	84
	Brahmanbaria	000	0	0	00	00	xx	00	1	111	78	0	0	9	0	0	71	81
	Sylhet	000	0	0	00	00	xx	02	0	106	75	0	0	9	0	0	70	82
	Srimangal	000	0	0	00	00	xx	00	0	104	78	0	0	9	0	0	69	84
Dacca	Mymensingh	000	0	2	00	00	98	01	1	104	80	2	2	5	0	0	71	85
	Narayanganj	000	9	0	00	00	97	05	1	105	81	0	0	9	6	0	69	87
	Dacca (Tejgaon)	000	9	0	00	00	97	02	1	098	79	0	0	9	0	0	67	85
	Faridpur	000	8	0	00	00	95	05	0	104	76	0	0	9	0	0	71	86
	Barisal	000	0	4	00	00	97	02	1	108	80	4	0	9	6	0	73	84
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	110	80	0	0	9	0	6	79	88
	Satkhira	000	0	0	00	00	98	00	0	106	80	0	0	9	0	0	72	90
	Jessore	000	0	0	00	00	97	00	0	109	78	0	0	9	0	0	69	86
	Sirajganj	000	0	0	00	00	92	00	1	105	77	0	0	9	0	0	73	88
	Bogra	000	0	0	00	00	xx	00	1	099	80	0	0	0	0	0	69	86
	Dinajpur	000	0	0	00	00	xx	00	0	089	79	0	0	9	0	0	68	87
	Rangpur	000	0	3	00	00	96	01	1	xxx	80	2	0	9	1	1	80	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	3	00	00	96	01	1	14	68	3	4	6	0	1	58	72
	Sialkot	000	7	0	00	00	97	00	1	138	69	0	0	9	0	0	61	73
Rawalpindi	Jhelum	000	0	1	00	00	98	02	0	144	70	1	1	7	0	0	58	xx
	Rawalpindi	000	0	0	27	02	99	00	0	152	65	0	0	9	0	0	56	71
	Khushab	000	0	0	36	03	99	02	1	158	69	0	0	9	0	0	57	70
Multan	Lyallpur	000	0	6	07	03	96	02	1	152	67	6	3	8	0	0	57	73
	Montgomery	000	0	0	31	03	96	00	0	147	68	0	0	9	0	0	58	70
	Multan	000	0	0	05	03	98	02	0	149	74	0	0	9	0	0	57	75
Bahawalpur	Leiah																	
	Khanpur	000	0	0	02	02	96	02	0	146	76	0	0	9	0	0	59	79
	Bahawalpur	000	0	0	05	02	97	00	0	152	75	0	0	9	0	0	66	77
	Fort Abbas	000	0	0	02	02	98	00	0	148	72	0	0	9	0	0	68	76
Peshawar	Chakdara	000	0	0	00	00	96	00	0	123	66	0	0	9	0	0	53	71
	Peshawar	000	0	1	16	02	98	02	0	153	72	1	1	7	0	0	55	74
	Haripur	000	0	0	13	02	97	03	0	126	69	0	0	9	0	0	55	73
	Campbellpur	000	0	0	00	00	98	00	0	154	68	0	0	9	0	0	55	69
D. I. Khan	Bannu	000	4	1	00	00	99	01	0	145	71	1		6	0	0	54	75
	D. I. Khan	000	6	0	00	00	98	00	0	154	70	0	0	9	0	0	59	74
Quetta	Sibi	000	0	0	33	02	98	00	0	146	77	0	0	9	0	0	52	80
Kalat	Nokkundi	000	0	0	18	02	99	02	0	162	75	0	0	9	0	0	24	76
	Turbat	000	0	0	05	02	98	00	0	141	89	0	0	9	0	0	49	90
	Jiwani	000	0	0	27	05	97	02	0	140	80	0	0	9	0	0	56	83
	Pasni	000	0	0	13	05	97	00	0	137	79	0	0	9	0	0	64	85
	Ormara	000	0	0	13	03	98	00	0	132	79	0	0	9	0	0	42	84
	Las Bela	000	0	0	00	00	98	00	0	152	85	0	0	9	0	0	49	98
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	12	98	02	0	144	75	0	0	9	0	0	49	76
	Karachi (Air Port)	000	0	0	65	05	97	02	0	137	81	0	0	9	0	0	43	83
	Badin	000	0	0	00	00	97	00	0	146	79	0	0	9	0	0	65	82
	Nagarparkar	000	0	0	00	00	98	00	0	982	91	0	0	9	0	0	67	92
	Umarkot	000	0	0	xx	xx	98	00	0	123	82	0	0	9	0	0	46	83
	Hyderabad	000	0	0	36	02	97	02	0	142	79	0	0	9	0	0	51	83
Khairpur	Pad-i-dan	000	0	0	36	07	98	02	0	147	78	0	0	9	0	0	46	81
	Nawabshah	000	0	0	36	02	97	02	0	152	80	0	0	9	0	0	49	81
	Sukkur	000	0	0	11	02	96	00	0	144	75	0	0	9	0	0	57	78
	Kashmore	000	0	0	09	03	99	00	0	144	73	0	0	9	0	0	54	75
	Jacobabad	000	0	0	36	02	98	02	0	149	78	0	0	9	0	0	49	80
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	3	05	02	98	01	1	514	49		0	9	8	0	41	30
Peshawar	Drosh	000	8	6	00	00	56	01	2	526	55	3	3	6	0	6	53	59
	Cherat	000	0	0	36	05	99	00	0	529	55	6	0	9	0	0	48	60
	Kakul	000	0	0	31	03	99	00	1	517	56	0	0	9	0	0	47	64
	Landi Kotal	000	0	0	31	02	99	00	0	520	60	0	0	9	0	0	50	62
D. I. Khan	Parachinar	000	0	2	13	02	99	02	0	801	55	0	0	9	1	0	55	xx
	Miranshah	000	0	0	00	00	99	00	0	452	65	2	0	9	0	0	56	71
	Wana	000	0	0	11	03	99	00	0	500	60	0	0	9	0	0	41	63
	Fort Sandeman	000	0	0	00	00	98	02	0	514	61	0	0	9	0	0	40	63
Quetta	Hindubagh	000	0	0	25	06	96	00	0	456	59	0	0	9	0	0	37	64
	Loralai	000	0	0	18	02	98	00	0	352	61	0	0	9	0	0	41	65
	Harnai	000	0	0	27	02	98	02	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	27	02	96	00	0	543	55	0	0	9	0	0	48	57
	Chaman	000	0	0	27	02	96	02	0	580	61	0	0	9	0	0	29	63
Kalat	Kalat	000	0	0	34	02	98	00	0	500	63	0	0	9	0	0	21	58
	Nushki	000	0	0	31	05	98	02	0	563	67	0	0	9	0	0	18	67
	Dalbandin	000	0	0	05	03	99	02	0	543	69	0	0	9	0	0	23	70
	Panjgur	000	0	0	31	02	98	00	0	533	72	0	0	9	0	0	32	72
Afghanistan	Kabul		0						2									
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	1	02	03	97	03	0	142	78	1		7	0	0	69	66	— 2	— 4	0	— 2.0	141.	140
Chittagong	000	0	0	00	00	96	00	0	151	78	0	0	9	0	0	70	65	0	— 3	0	— 1.7	142	100
Maijdee Court	000	9	0	00	00	98	00	0	144	80	0	0	9	0	0	71	70	+ 1	+ 2	0	— 0.9	144	115
Comilla	000	0	0	00	00	97	02	0	[illegible]	79	0	0	9	0	0	72	68	— 1	+ 1	0	— 0.7	107	94
Brahmanbaria	000	0	0	00	00	97	00	0	151	81	0	0	9	0	0	69	70	—	—	0	— 0.5	85	76
Sylhet	000	0	0	09	05	97	02	0	143	74	0	0	9	0	0	67	65	—	—	0	—	193.	—
Srimangal	000	0	0	00	00	97	00	0	152	76	0	0	9	0	0	67	60	— 4	— 2	0	— 0.8	109.	30
Mymensingh	000	0	0	00	00	98	00	0	[illegible]	78	0	0	9	0	0	72	69	+ 1	+ 3	0	— 0.5	112.	91
Narayanganj	000	9	0	00	00	96	05	0	149	83	0	0	9	0	0	71	71	+ 2	+ 3	0	— 0.6	103.	74
Dacca (Tejgaon)	000	0	0	00	00	96	07		142	80	0	0	9	0	0	71	68	—	—	0	—	103.	—
Faridpur	000	9	0	31	02	96	05		151	79	0	0	9	0	0	70	67	+ 3	0	0	— 0.4	116.	71
Barisal	000	0	0	40	00	97	00	0	[illegible]	77	0	0	9	0	0	70	70	0	+ 2	0	— 0.9	140.3	81
Khulna	000	0	0	00	00	97	00	0	150	81	0	0	9	0	0	73	70	+ 4	+ 4	0	— 0.5	102.	68
Satkhira	000	0	0	00	00	94	00	0	147	76	0	0	9	0	0	73	70	4	+ 5	0	— 0.4	82.1	68
Jessore	000	0	0	27	03	97	00	0	147	77	0	0	9	0	0	73	69	+ 2	+ 2	0	— 0.6	105.	66
Sirajganj	000	0	0	00	00	56	00	0	129	79	0	0	9	0	0	75	69	+ 5	+ 4	0	— 0.4	107.	66
Bogra	000	0	0	31	03	96	02	4	148	7	0	0	9	0	0	71	69	+ 3	+ 4	0	— 0.5	104.1	60
Dinajpur	000	0	0	00	00	96	00	0	143	79	0	0	9	0	0	70	67	+ 3	+ 4	0	— 0.1	66.9	72
Rangpur	000	0	1	36	02	96	01	0	xx	77	1	5	6	0	0	69	69	+ 3	+ 6	0	— 0.2	92.4	84
Jammu																							—
Lahore (Jail Rd)	000	0	0	00	00	96	02		162	59	0	0	9	0	0	59	55	— 14	+ 6	1.1	+ 1.1	27.1	19
Sialkot	000	0	0	00	04	97		0	172	61	0	0	9	0	0	58	55	— 11	+ 3	3.1	+ 3.1	44.	22
Jhelum	000	0	0	00	00	8	0	0	184	52	0	0	9	0	0	51	49	— 9	— 2	3.2	+ 3.2	55.5	36
Rawalpindi	000	0	0	00	00	9	00	0	168	55	0	0	9	0	0	52	53	— 15	0	1.1	+ 1.1	36.5	18
Khushab																							
Lyallpur	000	0	0	0	00	95	00		179	56	0	0	9	0	0	55	55	— 11	+ 5	0.7	+ 0.7	19.0	12
Montgomery	000	0	0	0	0	?6		0	[illegible]	5	0	0	9	0	0	46	53	— 17	0	0.1	+ 0.1	0.3	10
Multan	000	0	0	00	00	56	02		184	61	0	0	5	0	0	56	55	— 11	+ 2	0.1	+ 0.1	0.3	7
Leiah	000	0	0	00	00	56			169	59	0	0	9	0	0	55	55			2.5	—	3.3	3
Khanpur	000	0	0	00	00	96	02		154	66	0	0	9	0	0	57	58	— 10	+ 3	0	0	3.4	6
Bahawalpur	000	0	0	00	00	58	02	0	151	64	0		9	0	0	56	54	— 10	+ 2	0.1	+ 0.1	4.4	6
Fort Abbas	000	0	0	0	00	98	00	0	186	71		0	9	0	0	57	59	—	—	1.0	—	10.2	4
Chakdara	000	0	0	00	00	97	00	0	172	52		0	9	0	0	48	49	—	—	5.4	—	31.0	—
Peshawar	000	0	0	23	03	99	02	0	168	54	0	0	9	0	0	50	52	— 5	+ 1	5.0	+ 5.0	27.5	14
Haripur	000	0	0	23	02	97	00	0	176	57	0		9	0	0	49	52	—	—	4.0		36.1	—
Campbellpur	000	0	0	0	00	98			19	56	0	0	9	0	0	53	51	—	—	3.1		29.1	—
Bannu	000	0	0	29	01	99	00	0	162	57	0	0	9	0	0	50	54	—	—	2.4	—	15.3	11
D. I. Khan	000	0	0	27	02	8	00	0	177	59	0	0	9	0	0	54	54	— 11	+ 3	1.6	+ 1.6	16.5	10
Sibi	000	0	0	00	00	99	00	0	207	56	0	0	9	0	0	54	54	—	—	4.0	—	9.2	5
Nokkundi	000	0	0	02	02	99	02	0	226	51	0	0	9	0	0	31	46	—	—	0.5	—	1.6	2
Turbat	000	0	0	09	02	56	00	0	199	57	0	0	9	0	0	38	xx	—	—	0.6	—	7.9	—
Jiwani	000	0	0	36	02	97	02	0	175	67	0	0	9	0	0	61	61	—	—	0.8	—	7.5	4
Pasni	000	0	0	21	02	97	00	0	180	63	0	0	9	0	0	54	60	— 2	— 3	0.3	+ 0.3	3.4	6
Ormara	000	0	0	00	00	58	00	0	177	66	0	0	9	0	0	57	58	—	—	2.7	+ 2.7	6.8	6
Las Bela	—	..	..	..	..	—	—	—	..	..	..	—	..	..	..	..	—	—	—				0
Karachi (Manora)	000	0	0	09	14	98	02	0	178	74	0	0	9	0	0	72	69	— 11	0	1.6	+ 1.5	18.1	8
Karachi (Air Port)	000	0	0	29	03	97	02	0	180	61	0	0	9	0	0	52	55	—	—	3.3	—	24.1	—
Badin	000	0	0	23	02	96	00	0	185	64	0	0	9	0	0	60	61	— 11	+ 2	0.4	+ 0.4	11.5	9
Nagarparkar	000	0	0	00	0	56		0	202	80	0	0	9	0	0	66	76	—	—	0	—	30.5	—
Umarkot	000	0	0	02	03	98	0	0	170	6	0	0	9	0	0	51	55	—		0.5		20.8	—
Hyderabad	000	0	0	36	03	57	02	0	189	65	0	0	9	0	0	56	60	— 8	— 2	0.5	+ 0.5	15.9	7
Pad-i-dan	000	0	0	29	02	97	02	0	191	59	0	0	9	0	0	56	53	—	—	0.3	—	7.9	—
Nawabshah	000	0	0	18	02	98	02	0	198	61	0	0	9	0	0	58	56	—	—	0.3	—	7.5	—
Sukkur	000	0	0	00	00	96	00	0	189	60	0	0	9	0	0	56	57	—	—	0.0	—	5.3	4
Kashmore	000	0	0	00	00	99	0	0	163	65	0	0	9	0	0	56	54	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	98	02	0	194	60	0	0	9	0	0	56	58	— 9	+ 3	0.3	+ 0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	0	02	09	98	00	1	531	48	0	0	9	0	0	27	40	— 9	— 3	4.2	+ 4.1	82.4	59
Drosh	000	9	0	00	00	98	02	0	574	43	0	0	9	0	0	35	42	— 8	— 3	3.1	—	33.8	18
Cherat	000	0	0	36	07	59	00	0	535	53	0	0	9	0	0	42	48	— 9	— 3	5.7	+ 5.5	37.1	29
Kakul	000	0	0	31	02	59	02	0	529	52	0	0	9	0	0	41	47	—	—	4.4	—	59.4	—
Landi Kotal	000	0	0	31	02	99	00	0	531	53	0	0	9	0	0	47	xx	—	—	3.9	—	22.8	—
Parachinar	000	0	0	00	00	99	00	0	520	41	0	0	9	0	0	31	xx	—	—	5.3	—	33.4	29
Miranshah	000	0	0	00	00	95	00	0	421	51	0	0	9	0	0	43	46	—	—	1.1	+ 1.0	8.1	13
Wana	000	0	0	00	00	95	00	0	515	44	0	0	9	0	0	40	39	—	—	1.1	—	15.2	—
Fort Sandeman	000	0	0	00	00	98	02	0	541	53	0	0	9	0	0	39	43	— 12	— 1	4.7	+ 4.7	20.7	11
Hindubagh	000	0	0	34	02	98	00	0	517	40	0	0	9	0	0	29	39	—	—	3.3	—	16.0	—
Loralai	000	0	0	31	03	98	00	0	541	41	0	0	9	0	0	36	39	—	—	4.3	—	17.3	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—		5.9	+ 5.8	18.7	14
Quetta	000	0	0	00	00	95	00	0	537	41	0	0	9	0	0	26	32	— 10	+ 4	1.8	+ 1.8	14.0	8
Chaman	000	0	0	00	00	96	00	0	513	46	0	0	9	0	0	34	42	— 8	— 3	0.4	+ 0.4	6.7	7
Kalat	000	0	0	18	01	97	00	0	573	38	0	0	9	0	0	38	38	— 7	— 2	1.1	+ 1.1	12.1	9
Nushki	000	0	0	09	05	98	02	0	574	59	0	0	9	0	0	25	46	—	—	0.8	—	3.5	—
Dalbandin	000	0	0	05	05	98	02	0	524	38	0	0	9	0	0	28	36	— 10	— 9	0.2	+ 0.2	2.4	5
Panjgur	000	0	0	05	05	98	00	0	531	47	0	0	9	0	0	33	42	— 8	— 6	0.1	—	4.2	4
Kabul																							—
Kandahar																							12

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 0330 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 8th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h h	O $T_sT_sT_dT_d$	$I_dd_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tibia	73 170	651 08	6 02 08	98 03 2	185 76		—			
Salsex Dalit	73 216	609 06	0 02 12	98 02 0	176 81	00 9 08	—	—	0 04 83	1 82 32
Tibia	73 161	638 06	4 02 10	98 01 2	116 79			—		
Sumatera	73 193	583 06	0 99 08	98 00 0	138 79	00 9 00	55 40 0	—	0 54 73	1 08 xx
Pakistan Prosperity	73 113	750 12	2 30 05	96 01 3	087 88		— 1	—		
Caisar Dalit	73 205	819 12	0 36 15	98 02 0	144 77	00 9 00		...	0 51 66	1 36 32
Afghanistan	73 161	538 12	6 15 02	99 02 0	150 79	00 9 08	14 60 6	...	0 51 59	1 08 x0
Afghanistan	73 166	547 18	8 09 09	98 02 0	169 78	00 9 00	14 20 6	...	0 52 69	1 09 22
Tibia	73 144	673 18	2 36 09	98 91 2	095 79	—	...	...	..	—

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	950 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	013 222 185	109 218 165	—	500 125 068	..	129 078 999	381 002 999	822 562 999	329 685 999	960 842	232 085	...	..
Dacca ...														
Hamal ...														
Karachi ...	00 00	014 175 115	136 172 095	..	470 132 999	..	132 088 999	390 020 999	835 572 999	531 705 959	960 845	232 042	412 180	655 222
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 115 112	...	...	490 102 038	..	094 022 602	316 548 695	725 675 795	404 700 999	949 795	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 155 112	800 112 045		..	...	—	—	...	—	800 112 045	...	...
Dacca ...													
Hamal ...													
Karachi ...	00 00	900 148 072	...	...	...	...	—	...	...	...	930 148 072	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 115 052	800 072 012	350 748 999	250 860 999	229 888 999	...	...	...	..	229 888 999	...	...
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	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 ...	24 06	24 04	27 02	18 01	30 18	29 26				23 04	16 03	19 06	33 07	32 26		21 04	19 05	26 04	—	—	..	—	—	—	—	—
Chaklala ...		08 08	28 07	18 07	10 19	11 19	34 03	30 19	29 32	...	09 09	10 03	02 03	05 09	11 06	—	—	...	..	—	...	...	—	—	—	—
Chilas ...	02 11	02 09	02 09	02 10	32 13	31 18	32 23	33 27	29 32	07 15	05 10	04 08	08 10	31 15	34 26				—	—	...	—	..	...	—	—
Chittagong ...	04 03	05 07	04 09			—	—	..	..	01 07	01 07	02 09	17 04	32 07	28 11	35 10	03 07	03 04		...		...			...	
Cox's Bazar ...	18 02	03 02	15 04	26 21	27 06	...	...	—	...	01 11	02 06	01 04	33 06	19 03	27 08	01 03	04 01	16 02	13 02	05 03	32 06	29 12	24 17	13 19	32 22	
Dacca ...	28 02	30 03	20 04	33 04	30 11	30 21	27 23	26 32	25 37	33 02	32 04	32 05	36 06	31 13	27 17	30 03	32 01	35 03	23 47	34 13	30 20	xx xx		16 38	35 43	25 41
Dalbandin ...	—	—	08 07	04 07	36 16	01 26	30 26	30 33	30 33	—	—	06 04	33 07	34 16	34 22	—	...	08 05	06 05	01 09	33 17	30 23	28 28	18 30	38 42	07 58
D.I. Khan ...	—	—	—			—	...	..	...	—	...	...					—	—								—
Drosh ...	—	...	—		19 01	01 02	...			...		...	24 01	25 03	22 08				...	03 05	04 08	35 21	35 19	35 29	05 23	
Fort Sandeman ...			—	02 02	02 07	33 11	31 21	39 33	30 37	—			23 05	31 03	35 11				21 03	26 03	31 11	31 28	29 31	28 31	28 52	12 14
Jacobabad ...	02 03	01 01	32 01	31 05	31 09	33 18	31 27	30 35	29 35	09 05	36 03	31 02	36 08	11 15	31 30	31 05	31 04	31 07	22 08	03 07	34 15	32 31	29 25	29 25	29 43	28 85
Jessore ...	24 03	38 03	33 01	32 05	33 15	31 17		..		24 04	32 03	36 07	36 04	36 12	26 12											
Jiwani ...	25 01	13 01	09 04	03 13	09 05	13 13	32 15	28 19	29 23	31 09	33 17	36 10	36 13	01 13	06 12	33 03	34 03	34 03	06 05	11 10	09 05	30 18	30 26	30 32	29 45	..
[illegible] ...	No	Ascent	...	...	...	..	...	..		No	Ascent			—		No	Ascent									
Karachi ...	07 14	06 12	05 12	02 12	34 14	33 18	31 23	31 23	30 31	05 17	06 10	09 07	04 15	02 11	36 10	04 10	05 09	05 08	04 10	02 15	32 07	32 41	31 18	13 24	...	..
Khanpur ...	03 54	04 04	36 05	30 07	32 13	31 17	30 23	30 29		02 06	31 03	33 06	35 12	36 18	35 15	22 03	27 08	29 07	35 07	31 07	32 13	30 18	29 20	19 20		—
Lahore ...	24 02	26 02	07 05	14 12	16 15	17 07	29 13	28 23	29 27	33 18	31 06	36 07	35 09	09 05	35 05	30 03	29 08	29 11	36 04	11 04	02 06	36 04	11 04	02 08	30 51	
Multan ...	34 13	35 15	36 17	34 16	32 13	29 15	30 25	30 27	30 31	01 06	01 07	31 07	35 08	34 12	33 14	30 04	34 07	35 08	36 12	34 10	31 12	29 22	29 28	28 22	28 58	28 74
Muscat ...	—	—	—	—	—	—	..		—	—	—		—	—		—	—	...	—		...	...	—		...	...
Panjgur ...	—									—						—	—	—			...	...	...		—	
Peshawar ...	—	30 02	33 07	32 07	05 04	04 04	35 08	28 15	28 25		13 01	16 01	18 02	22 04	24 06	—	—	—	..							
Quetta ...	...	...	...	—	32 07	33 16	29 27	29 38	29 38	—	...	...	...	34 05	31 25		—	—		31 06	32 17	28 25	28 29	29 40	25 53	28 [illegible]
Sharjah ...							—	...	...																	
Sylhet ...	10 02	15 02	08 02	24 01	01 03	32 04	...	...	—	08 06	07 04	01 03	36 02	31 09	27 27	19 02	13 01	07 03	30 03	27 05	29 24	26 31	27 40	26 45	...	...
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

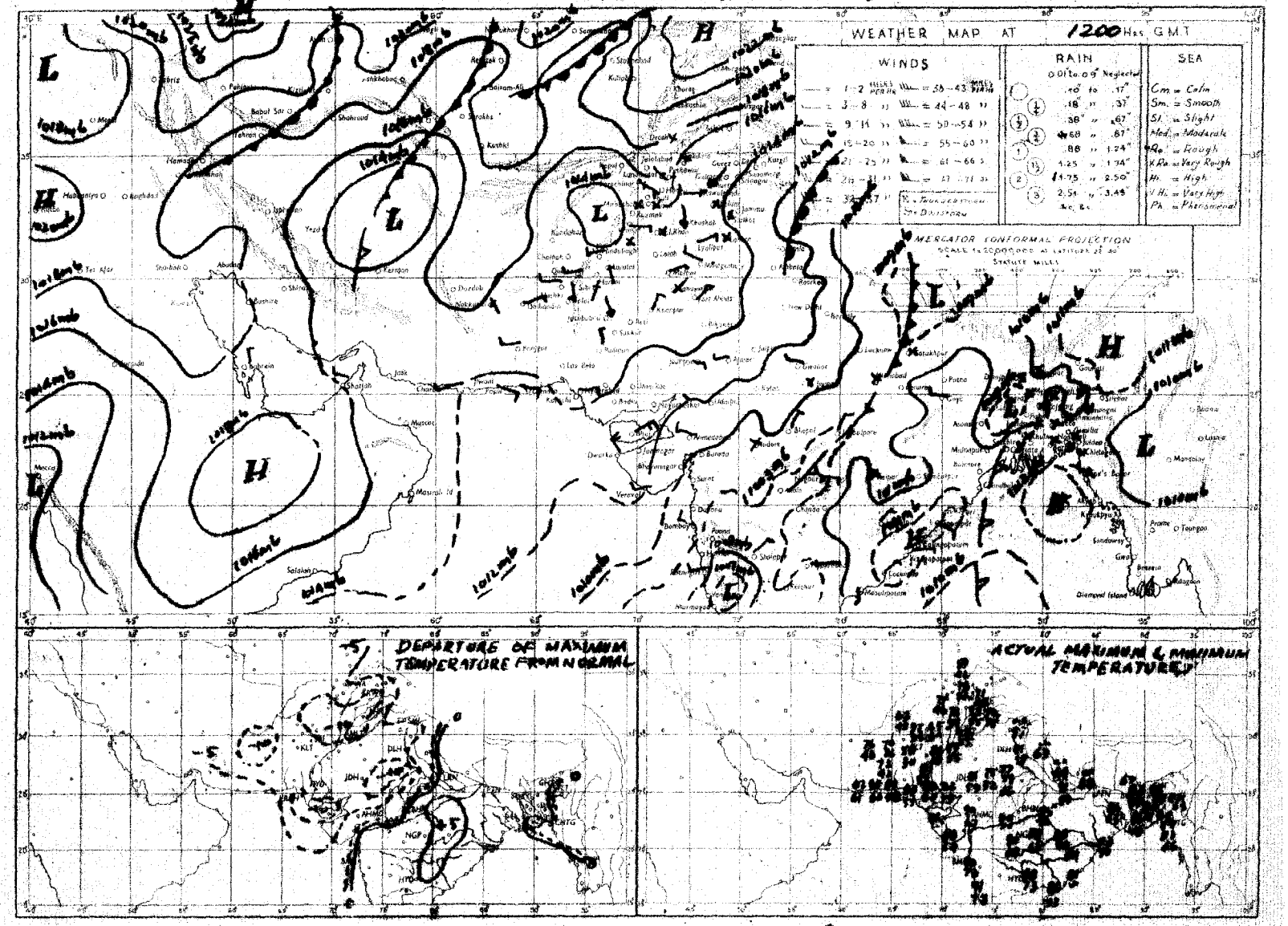
Height in g.p. k.m.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	05 03	36 03	33 04	[illegible]	34 17	28 20	27 29	26 39	26 35	24 35	24 38	26 37	31 32					
Karachi ...	06 12	05 12	05 12	06 13	01 13	01 12	33 14	32 19	31 24	31 34	28 20	27 60	26 55	25 48	25 49	24 55	24 20	...
Peshawar ...	—	33 07	29 09	32 09	32 08	02 04	34 15	31 24	29 31	30 34	29 47	28 67	26 81	26 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,V, etc.)

PAKISTAN DAILY WEATHER MAP

SATURDAY 7th NOVEMBER, 1959.



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

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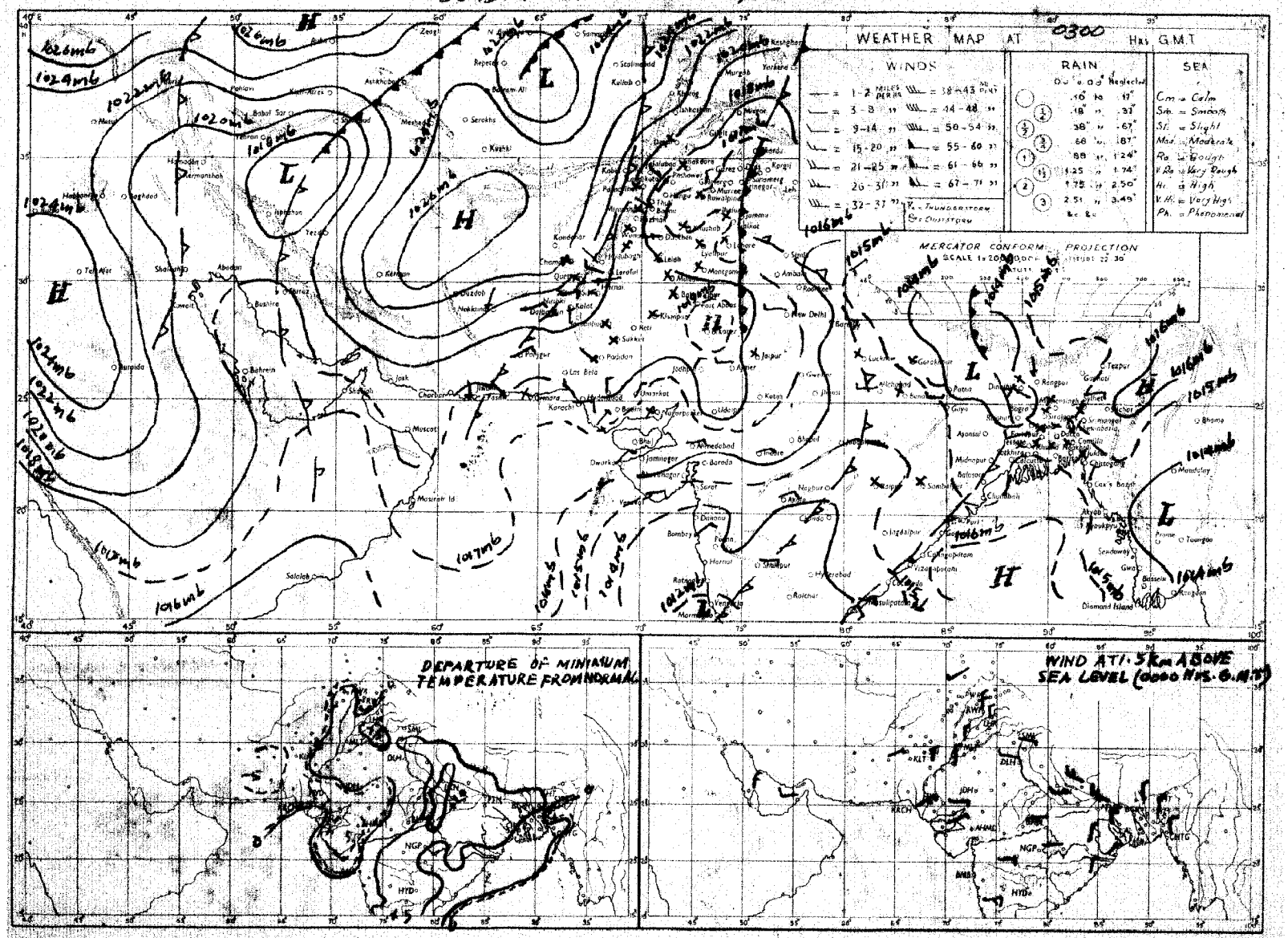
PAKISTAN DAILY WEATHER MAP

SUNDAY 8th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 9th NOVEMBER, 1959.

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

Yesterday's trough over Kashmir and Rawalpindi division persists.
The western disturbance north of Afghanistan is moving across East Russian Turkistan with its associated trough extending to D. I. Khan division.
The low pressure wave over sub-Himalyan West Bengal moved away eastwards.
A fresh low pressure wave is moving across north Bihar and neighbourhood.
A low lies off Konkan Malabar coast with associated trough extending to southeast sector North Arabian Sea.
Weather remained dry over the country.

Night temperatures were:- 2—5 °F below normal in Kalat division and the Federal Capital Area and 2—5°F above normal in Lahore, Multan, D.I. Khan and Bahawalpur divisions and in East Pakistan outside coastal districts.

Forecast valid until the evening of 10th November, 1959. Scattered rain/drizzle will occur in Peshawar and Rawalpindi division and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 9th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	0	00	00	95	00	0	116	79	0	0	9	0	0	73	85	000	0	0	34	02	97	00	0	139	78	0	0	9	0	0	71	68	0	− 2	0	− 2.0	141.1	140
	Chittagong	000	0	0	00	00	xx	00	0	127	78	0	0	9	0	0	70	84	000	0	0	07	02	96	00	0	144	78	0	0	9	0	0	71	67	0	− 1	0	− 1.2	142.0	108
	Maijdee Court	000	9	9	00	00	xx	00	0	110	76	9	x	0	x	x	72	84	000	9	0	00	00	98	00	0	150	80	0	0	9	0	0	79	70	+ 1	+ 2	0	− 0.9	144.7	115
	Comilla	000	0	0	00	00	xx	02	0	119	81	0	0	9	0	0	72	86	000	0	0	00	00	97	02	0	146	81	0	0	9	0	0	71	68	−	+ 1	0	− 0.7	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	122	78	0	0	9	0	0	71	84	000	0	0	00	00	97	00	1	151	80	0	0	9	0	0	70	70	−	−	0	− 0.6	85.2	76
	Sylhet	000	0	4	00	00	xx	03	0	116	76	3	5	6	7	0	70	84	000	0	4	09	02	96	03	0	148	72	4	7	3	0	0	69	67	−	−	0	−	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	125	75	0	0	9	0	0	70	65	000	3	1	00	00	96	01	4	149	75	1	1	7	0	0	69	62	− 3	0	0	− 0.9	109.4	4
Dacca	Mymensingh	000	8	0	00	00	98	00	0	122	79	0	0	9	0	0	71	86	000	0	0	13	02	98	00	0	141	77	0	0	9	0	0	69	69	+ 2	+ 2	0	− 0.5	113.3	91
	Narayanganj	000	0	0	00	00	xx	05	0	115	80	0	0	9	0	0	69	87	000	9	0	27	02	96	05	0	135	81	0	0	9	0	0	71	72	+ 2	+ 3	0	− 0.6	103.9	74
	Dacca (Tezgaon)	000	0	0	00	00	97	02	0	137	79	0	0	9	0	0	69	84	000	0	0	31	04	96	01	1	139	77	0	0	9	0	0	72	69	−	−	0	−	103.6	—
	Faridpur	000	8	0	00	00	95	05	0	134	79	0	0	9	0	0	70	85	000	9	0	34	02	96	05	8	146	81	0	0	9	0	0	77	65	+ 2	− 2	0	− 0.7	116.4	71
	Barisal	000	4	1	00	00	97	01	8	127	82	0	0	9	8	0	72	85	000	0	0	31	03	96	02	0	146	77	0	0	9	0	0	65	67	+ 1	− 1	0	− 0.9	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	125	81	0	0	9	0	0	72	87	000	0	0	00	00	97	00	0	147	83	0	0	9	0	0	72	71	+ 3	+ 5	0	− 0.6	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	123	81	0	0	4	0	0	75	88	000	0	0	00	00	98	00	0	139	81	0	0	9	0	0	73	71	+ 2	+ 6	0	− 0.4	82.1	65
	Jessore	000	0	0	00	00	97	00	0	112	84	0	0	9	0	0	74	88	000	0	0	27	03	97	00	0	143	79	0	0	9	0	0	74	70	+ 4	+ 3	0	− 0.6	105.8	63
	Sirajganj	000	0	0	00	00	92	00	0	105	80	0	0	9	0	0	73	78	000	0	0	00	00	98	00	0	130	82	0	0	9	0	0	63	71	+ 5	+ 6	0	− 0.4	107.7	64
	Bogra	000	0	0	00	00	xx	00	1	113	82	0	0	9	0	0	73	86	000	0	0	00	00	97	02	2	146	78	0	0	9	0	0	71	70	+ 3	+ 5	0	− 0.6	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	105	80	0	0	9	0	0	68	88	000	0	0	00	00	96	00	0	141	75	0	0	9	0	0	72	61	+ 4	− 2	0	− 0.1	66.9	72
	Rangpur	000	0	0	00	00	96	01	0	xxx	82	0	0	9	0	0	72	86	000	0	1	05	02	96	01	0	xxx	72	1	0	9	1	0	62	62	+ 3	− 2	0	0.2	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	156	71	0	0	9	0	0	59	75	000	0	0	00	00	96	02	0	161	61	0	0	9	0	0	57	55	− 11	+ 6	1.1	+ 1.1	27.1	19
	Sialkot	—	—	—	—	—	—	—	—	—	..	—	..	..	—	..	..	—	000	9	0	00	00	99	00	0	144	63	0	0	9	0	0	58	57		+ 5	3.1	+ 3.1	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	01	0	160	75	0	0	9	0	0	60	77	000	0	0	00	00	97	02	0	159	58	0	0	9	0	0	53	54	−	−	3.4	−	53.5	—
	Rawalpindi	000	0	0	23	02	99	00	0	158	67	0	0	9	0	0	56	73	000	0	0	00	00	95	05	0	169	55	0	0	9	0	0	51	49	− 7	+ 3	3.2	+ 3.2	55.5	36
	Khushab	000	0	0	27	02	99	00	1	148	78	0	0	9	0	0	67	82	000	0	0	00	00	99	00	0	163	59	0	0	9	0	0	53	54	− 3	+ 1	1.1	+ 1.1	26.5	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	154	76	0	0	9	0	0	53	77	000	0	0	00	00	95	00	0	151	56	0	0	9	0	0	56	55	− 7	+ 5	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	153	77	0	0	9	0	0	59	79	000	0	0	00	00	96	00	0	155	58	0	0	9	0	0	54	54	− 9	+ 1	0.1	+ 0.1	8.5	18
	Multan	000	0	0	00	00	98	02	0	153	75	0	0	9	0	0	59	81	000	0	0	00	00	98	02	0	172	63	0	0	9	0	0	52	56	− 5	+ 3	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	80	98	00	0	xxx	78	0	0	9	0	0	xx	80	000	0	0	00	00	98	04	0	174	59	0	0	9	0	0	56	51	−	−	2.5	−	9.5	8
	Khanpur	000	0	0	00	00	96	02	0	156	81	0	0	9	0	0	61	85	000	0	0	20	02	96	02		172	61	0	0	9	0	0	54	55	− 4	+ 2	0	0	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	161	78	8	[illegible]	9	0	0	58	80	000	0	0	00	00	97	00	0	175	66	0	0	9	0	0	56	53	− 7	+ 1	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	02	02	98	00	0	153	72	[illegible]	0	9	0	0	57	76	000	0	0	02	02	98	00	0	171	64	0	0	9	0	0	55	74	−	−	1.0	−	10.2	4
Peshawar	Chakdara	000	0	0	00	00	98	00	0	123	73	0	0	9	0	0	77	74	000	0	0	00	00	98	00	0	190	53	0	0	9	0	0	49	50	−	−	5.4	−	31.9	—
	Peshawar	000	0	1	13	03	99	03	0	157	73	0	0	9	0	0	49	77	000	0	1	13	03	97	02	0	175	54	1	0	9	3	0	45	50	− 2	− 1	5.0	+ 5.0	27.5	14
	Haripur	000	0	0	23	02	97	09	0	127	70	0	0	9	0		55	74	000	0	0	05	04	97	00		152	54	0	0	9	0	0	49	53	−	−	4.0	−	36.1	—
	Campbellpur	000	0	0	36	02	98	00	0	155	69	0	0	9	0	0	59	74	000	0	0	18	02	98			160	55	0	0	9	0	0	53	50	−	−	3.1	−	39.1	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	149	73	0	0	9	0	0	55	80	000	0	3	00	00	99	02	0	169	55	0	0	9	0	4	49	54	−	−	2.4	−	15.2	11
	D. I. Khan	000	0	0	00	00	98	00	0	143	79	0	0	9	0	0	60	80	000	0	3	31	02	98	01	1	165	60	0	0	9	0	3	53	54	− 5	+ 3	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	0	0	23	02	99	00	0	166	77	0	0	9	0	0	54	79	000	0	0	31	02	99	00	0	182	57	0	0	9	0	0	55	56	−	−	4.0	−	9.2	5
Kalat	Nokkundi	000	0	0	11	02	99	02	0	163	75	0	0	9	0	0	26	78	000	0	0	36	02	99	00	0	216	55	0	0	9	0	0	32	49	−	−	0.5	−	1.6	2
	Turbat	000	0	0	09	02	98	00	0	160	92	0	0	9	0	0	53	94	000	0	0	13	2	96	00		189	63	0	0	9	0	0	47	xx	−	−	0.1	−	7.9	—
	Jiwani	000	0	0	16	05	97	02	5	165	78	0	0	9	0	0	66	82	000	0	2	31	02	96	03	2	181	67	0	0	9	0	1	62	65	−	−	0.8	−	7.5	4
	Pasni	000	0	0	20	09	97	00	0	157	81	0	0	9	0	0	72	83	000	0	4	31	02	97	00	0	177	65	4	0	9	0	8	60	61	− 4	− 2	0.3	+ 0.3	3.4	6
	Ormara	000	0	0	27	07	98	00	0	149	80	0	0	9	0	0	56	84	000	0	4	00	00	98	01	0	172	67	4	0	9	0	1	62	63	−	−	2.7	+ 2.7	6.8	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	12	98	02	0	154	78	0	0	9	0	0	58	80	000	0	4	09	14	97	01	1	175	68	0	0	9	0	1	49	66	− 7	− 3	1.6	+ 1.5	16.1	8
	Karachi (Air Port)	000	0	0	04	03	96	02	0	152	83	0	0	9	0	0	49	85	000	0	2	31	02	97	03	0	178	61	0	0	9	0	2	54	55	−	−	3.3	−	26.1	—
	Badin	000	0	0	23	02	97	00	0	165	81	0	0	9	0	0	60	83	000	0	0	23	02	96	00	0	180	64	0	0	9	0	0	55	59	− 10	− 3	0.4	+ 0.4	11.5	9
	Nagarparkar	000	0	0	36	05	97	00	0	166	81	0	0	9	0	0	51	82	000	0	0	34	02	98	00	0	163	81	0	0	9	0	0	67	77	−	−	0	−	30.5	—
	Umarkot	000	0	0	36	09	98	00	0	187	85	0	0	9	0	0	45	85	000	0	1	36	07	98	00	0	166	59	0	0	9	0	1	51	55	−	−	0.5	−	20.8	—
	Hyderabad	000	0	0	36	03	97	02	0	154	81	0	0	9	0	0	56	83	000	0	3	36	02	97	03	0	180	65	0	0	9	0	8	57	62	− 8	0	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	0	34	07	98	02	0	162	79	0	0	9	0	0	53	80	000	0	1	00	00	96	01	0	185	56	0	0	9	0	1	48	49	−	−	0.3	−	7.9	—
	Nawabshah	000	0	0	36	05	97	00	0	166	81	0	0	9	0	0	51	82	000	0	2	00	00	97	03	0	180	56	0	0	9	0	6	54	52	−	+	0.3	−	7.5	—
	Sukkur	000	0	0	02	03	96	00	0	157	78	0	0	9	0	0	54	80	000	0	0	00	00	96	00	0	180	57	0	0	9	0	0	55	57	−	−	0.8	−	5.3	4
	Kashmore	000	0	0	xx	00	99	00	0	163	79	0	0	0	0	0	55	81	000	0	0	xx	xx	99	00	0	174	72	0	0	9	0	0	32	53	−	−	1.3	−	3.4	—
	Jacobabad	000	0	0	31	05	98	02	0	161	78	0	0	9	0	0	56	79	000	0	0	31	03	98	02	0	184	59	0	0	9	0	0	53	56	− 10	+ 1	0.3	+ 0.3	4.7	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit	000	0	0	31	02	98	00	0	535	52	0	0	9	0	0	41	57	000	0	0	05	05	98	00	0	560	48	0	0	9	0	0	22	41	− 2	− 2	4.2	+ 4.0	82.6	5
Rawalpindi	Murree	000	0	3	09	02	97	03	0	554	56	1	2	7	5	1	27	60	000	0	0	09	02	98	02	0	575	45	0	0	9	0	0	29	43	−	− 2	3.1	−	33.8	59
Peshawar	Drosh	000	0	0	31	07	99	00	0	537	59	0	0	9	0	0	43	61	000	0	0	18	05	99	00	0	537	55	0	0	9	0	0	42	51	− 8	0	5.7	+ 5.5	37.1	18
	Cherat	000	0	0	16	03	90	00	0	536	02	0	0	9	0	0	51	69	000	0	1	05	03	99	01	0	527	53	0	0	9	0	1	35	47	−	−	4.4	−	59.4	29
	Kakul	000	0	0	31	03	99	00	0	531	83	0	0	9	0	0	39	65	000	0	0	31	01	99	00	0	525	56	0	0	9	0	0	72	xx	−	−	3.9	−	22.8	—
	Landi Kotal	000	0	0	13	02	99	00	0	801	61	0	0	9	0	0	59	xx	000	0	0	00	00	99	00	0	801	43	0	0	9	0	0	27	xx	−	−	5.3	−	33.4	—
	Parachinar	000	0	0	05	02	99	00	0	521	68	0	0	9	0	0	43	74	000	0	0	00	00	99	00	0	512	52	0	0	9	0	0	31	46	−	−	1.1	+ 1.1	8.1	29
D. I. Khan	Miranshah	000	0	0	16	02	99	00	0	511	64	0	0	9	0	0	39	67	000	2	2	00	00	99	00	3	516	46	2	0	9	0	9	39	39	−	−	1.1	−	15.2	13
	Wana	000	0	0	00	00	98	02	0	535	67	0	0	9	0	0	50	68	000	0	4	00	00	98	03	0	568	49	0	0	9	0	3	38	44	− 7	0	4.7	+ 4.7	20.7	—
	Fort Sandeman	000	0	0	36	05	98	00	0	491	61	0	0	9	0	0	35	67	000	0	0	00	00	98	00	0	528	44	0	0	9	0	0	30	43	−	−	3.3	−	16.0	11
Quetta	Hindubagh	000	0	0	13	03	98	00	0	347	63	0	0	9	0	0	35	66	000	0	3	31	05	97	01	1	527	45	0	0	8	0	3	27	41	−	−	4.3	−	17.3	—
	Loralai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	9	xxx	xx	0	0	9	0	0	xx	xx	−	−	5.9	+ 5.8	18.7	—
	Harnai	000	0	0	00	00	96	00	0	519	59	0	0	9	0	0	52	61	000	0	5	00	00	95	01	1	560	45	3	3	6	0	2	27	32	− 4	− 4	1.8	+ 1.8	12.0	14
	Quetta	000	0	0	34	02	97	00	0	549	66	0	0	9	0	0	45	68	000	0	0	00	00	96	00	0	548	49	0	0	9	0	0	33	44	− 3	− 1	0.4	+ 0.4	6.7	8
	Chaman	000	0	0	34	02	98	00	0	500	53	0	0	9	0	0	21	58	000	0	0	16	01	97	00	0	571	39	0	0	9	0	0	32	31	− 7	− 1	1.1	+ 1.1	12.1	7
Kalat	Kalat	000	0	0	31	02	98	02	0	568	72	0	0	9	0	0	11	74	000	0	0	09	11	98	02	0	595	60	0	0	9	0	0	37	48	−	−	0.6	−	3.5	9
	Nushki	000	0	0	09	03	98	02	0	549	73	0	0	9	0	0	26	75	000	9	3	05	02	98	03	0	531	44	0	0	9	0	1	26	40	− 5	− 5	0.2	+ 0.2	2.4	—
	Dalbandin	000	0	0	31	03	98	00	0	536	72	0	0	9	0	0	35	78	000	0	0	05	02	98	00	0	532	49	0	0	9	0	0	26	44	− 2	− 4	0.1	−	4.2	5
	Panjgur	000	0	0	27	02	95	00	0	548	58	0	0	9	0	0	48	60	000	0	0	18	02	99	00	0	596	49	0	0	9	0	0	38	32	−	−	−	−	—	4
Afghanistan	Kabul																																								—
	Kandahar																																								12

G † In Code

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 9th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L,L,L,	L,L,L, GG	N dd ff	VV ww W	PPP TT	N,C,hC,C,	D,V, a PP	8 N, Ch, h,	O T, T, T, T,	Id,d, PH,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Amra ...	13 203	636 06	6 03 09	99 01 1	166 79	41 4 50	16 20 4	...	0 55 64	1 03 32
British Sailor ...	13 207	618 06	2 02 09	99 02 0	167 80	21 4 00	75 11 9	...	0 02 66	1 02 31
Dumra ...	13 212	699 06	0 04 13	99 02 0	145 79	00 9 00	75 10 5	...	0 51 13	1 03 32
Esso Exeter ...	13 225	599 06	1 02 13	98 02 0	180 79	11 5 00	75 24 0	...	0 01 65	1 02 33
Afghanistan ...	13 177	568 06	3 04 09	99 02 1	179 79	24 7 04	14 20 9	...	0 51 68	1 04 21
Amra ...	13 012	642 12	2 04 18	99 01 0	145 79	10 5 45	16 61 0	...	0 55 64	1 04 34
Afghanistan ...	13 186	576 12	1 09 13	99 02 0	144 78	12 7 00	14 71 6	...	0 52 69	
Landan ...	13 211	593 12	1 03 07	99 02 0	162 78	11 6 00	15 40 0	...	0 00 64	1 03 32
British Sailor ...	13 217	610 12	3 04 09	99 02 0	157 78	31 4 01	75 70 6	...	0 52 67	1 04 32
Dumra ...	13 231	678 18	0 03 09	99 02 0	156 79	00 9 00	75 20 6	...	0 01 59	1 05 21
British Sailor ...	13 227	601 18	1 04 05	99 02 0	184 76	00 9 01	75 10 9	...	0 54 43	1 04 31
Afghanistan ...	13 194	583 18	4 04 15	96 02 1	162 78	34 4 68	14 20 6	...	0 51 69	1 04 22
Amra ...	13 227	653 18	0 05 10	99 00 0	159 79	00 9 00	16 40 0	...	0 55 64	1 04 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT_dT_dT_d	HHHTTT T_dT_dT_d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 212 198	109 232 205	—	490 138 092	..	125 162 999	369 025 999	805 558 999	542 065 999	942 828	235 025	—	..
Jiwani ...														
Karachi ...	00 00	013 148 105	132 239 999	.	510 145 999	..	152 085 999	412 028 999	870 545 999	595 628 999	970 815	...	—	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 138 075	...	...	500 148 512	..	126 062 592	367 532 758	782 635 959	448 725 999	950 840	221 015		...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T_dT_dT_d									Max. Height Reached PPPTTT T_dT_dT_d	TROPOPAUSE St. HHHH TT	St. HHHHT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	—	—	—	—	300 025 999	...	—
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	—	—	—	...	300 815 999	...	—
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 168 025	800 122 545	350 790 999	281 740 999	..	...	—	—	..	281 740 999		—
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → STATION	0.3	0.6	0.9	1.8	2.1	3.0	4.5	.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ...	21 05	21 06	35 08	31 12	31 27	28 35	27 33		
Chaklala ...	—	22 02	19 03	35 03	04 04	12 01	11 17	31 06	29 15
Chhor ...	05 03	04 05	04 07	36 07	33 05	33 11	34 11	33 13	34 18
Chittagong ...	01 07	36 06	36 09	31 15	35 15	—	—	..	—
Cox's Bazar ...	36 11	02 10	05 08	31 10	01 08				
Dacca ...	36 02	02 02	03 04	32 57	33 21	32 30	23 31	27 27	27 33
Dalbandin ...	—	—	10 06	36 08	02 11	34 13	33 20	29 21	28 30
D. I. Khan ...		—	—						
Drosh ...	—	—	—		03 08	33 12	01 17	36 27	34 36
Fort Sandeman ...				32 09	33 04	30 14	24 17	29 35	29 42
Jacobabad ...	33 05	31 05	30 08	34 08	33 13	35 15	32 19	29 28	27 26
Jessore ...	04 01	27 02	27 04	36 09	36 15				
Jhelum ...	29 07	38 09	31 10	05 05	11 09	11 05	27 08	26 19	28 27
Jiwani ...	No	Ascent							
Karachi ...	06 11	05 07	04 12	05 15	34 11	34 06	33 08	34 14	34 15
Khanpur ...	33 03	36 04	36 02	34 06	34 12	12 17	31 21	29 21	33 36
Lahore ...	30 05	31 08	32 07	34 03	36 05	03 04	31 06	30 19	33 26
Multan ...	01 04	33 05	24 05	34 09	35 14	32 14	32 17	29 28	30 34
Muscat ...	—	—							
Panjgur ...	—				—	—			
Peshawar ...	—	22 02	31 13	32 12	35 07	35 06	36 05	27 17	27 24
Quetta ...	...				33 07	35 18	32 27	30 38	28 38
Shahjah ...			...	...					
Sylhet ...	26 03	26 02	20 0	17 06	...		...	...	..
[illegible] ...		...	...	...	—	...	...	...	—

At 0000 hrs. G.M.T. † (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ...	31 13	31 17	29 21	28 36	27 25	
Chaklala ...	—	11 01	32 05	34 07	21 01	35 02
Chhor ...	05 09	05 08	03 07	02 12	36 05	31 06
Chittagong ...	33 13	36 21				
Cox's Bazar ...	32 16	01 15	01 15	11 05	34 13	30 10
Dacca ...	29 11	29 13	30 19	33 17	31 21	31 37
Dalbandin ...	—	—	07 05	07 08	32 06	32 12
D. I. Khan ...	—	—	—			
Drosh ...	—	—	—	20 xx	21 08	25 06
Fort Sandeman ...	...			21 06	35 06	31 19
Jacobabad ...	31 03	29 01	05 03	01 05	35 09	32 11
Jessore ...	28 12	11 09	17 09	33 07	32 16	30 22
Jhelum ...	30 11	31 14	33 11	32 12	31 05	33 04
Jiwani ...	No	Ascent				
Karachi ...	07 08	07 04	06 04	93 17	22 09	30 06
Khanpur ...	24 06	23 04	26 03	27 04	28 08	31 10
Lahore ...	23 11	31 12	33 12	34 10	01 07	31 07
Multan ...	24 09	26 09	33 04	36 11	35 15	36 20
Muscat ...	—	—				
Panjgur ...	—					
Peshawar ...	—	12 05	30 07	32 10	02 04	31 07
Quetta ...		...	...	...	32 03	29 09
Shahjah ...	...	...				
Sylhet ...	10 07	10 05	31 05	29 15	23 11	29 26
[illegible] ...	...	..				...

At 600 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	[illegible]
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	32 08	28 06	28 31	28 33	28 30	29 37	29 27	28 29	28 29	28 37	29
Chaklala ...	—	22 04	32 08	36 10	33 06	29 07	28 12	27 17	28 31	28 39	27
Chhor ...	..	...	—	—	—	...	—	..	—	—	
Chittagong ...	..	—	..	..	...	—	..	—	—	...	
Cox's Bazar ...	...	...	...	..	...		...	—	—	...	
Dacca ...	34 11	34 11	34 09	31 11	31 23	29 20					
Dalbandin ...	—	...	07 08	06 07	03 07	32 12	27 28	26 33	25 37	25 49	25
D. I. Khan ...	..	—	—	—					—	—	
Drosh ...		—			04 27	36 17	02 23	01 25	—		
Fort Sandeman ...		—		23 04	33 07	31 14	30 17	30 35	—		
Jacobabad ...	31 06	33 05	33 03	32 03	18 05	34 10	28 10	26 23	26 28	27 34	25
Jessore ...	01 03	02 05	02 04	32 09	31 26		...	—	—	—	
Jhelum ...	30 04	34 06	34 04	32 02	24 02	27 09			—	—	
Jiwani ...	No	Ascent									
Karachi ...	06 08	05 04	02 06	04 16	03 12	35 08	33 04	30 04	26 09	23 18	24
Khanpur ...	22 06	25 07	27 08	31 09	03 31	32 15					
Lahore ...	31 07	32 10	32 13	34 07	35 03	27 06	30 15	28 26	28 35	29 44	28
Multan ...	26 05	25 05	25 06	31 05	31 13	35 18	—				
Muscat ...	—	—	...			—	...				
Panjgur ...	—	—	...	...		...	...	...		...	
Peshawar ...	...	—	..	..							
Quetta ...		...	...		33 03	30 13	xx xx	xx xx	29 54	29 66	
Shahjah ...	—	...		—							
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 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	1
Chittagong ...																		
Dacca ...	28 03	29 09	30 17	31 15	31 24	78 73	26 26	36 29	27 51	27 47	27 53	26 41	26 31	25 31			...	..
Karachi ...	04 07	05 09	05 10	04 15	13 15	36 06	29 07	29 04	24 06	24 11	24 21	27 45					...	—
Peshawar ...	...	21 13	21 18	32 21	28 12	27 08	27 44	26 21	24 38	25 47	36 72	78 05	77 01	77 19	78 55	76 14	...	
Quetta ...																		

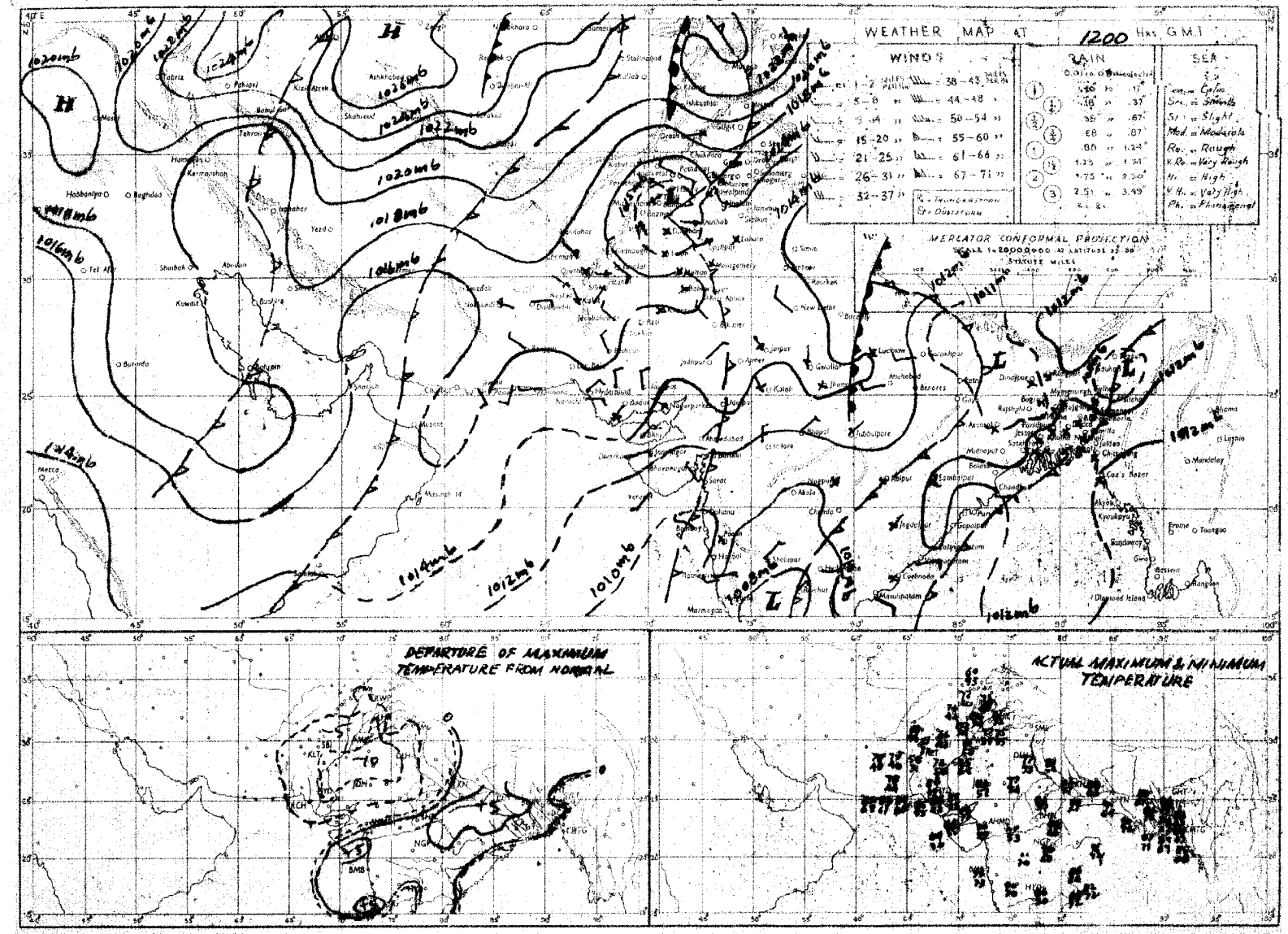
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

Accuracy of individual entries in this report cannot be guaranteed. Correction cannot be obtained. If necessary apply for information to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

SUNDAY, 8th NOVEMBER, 1959.



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

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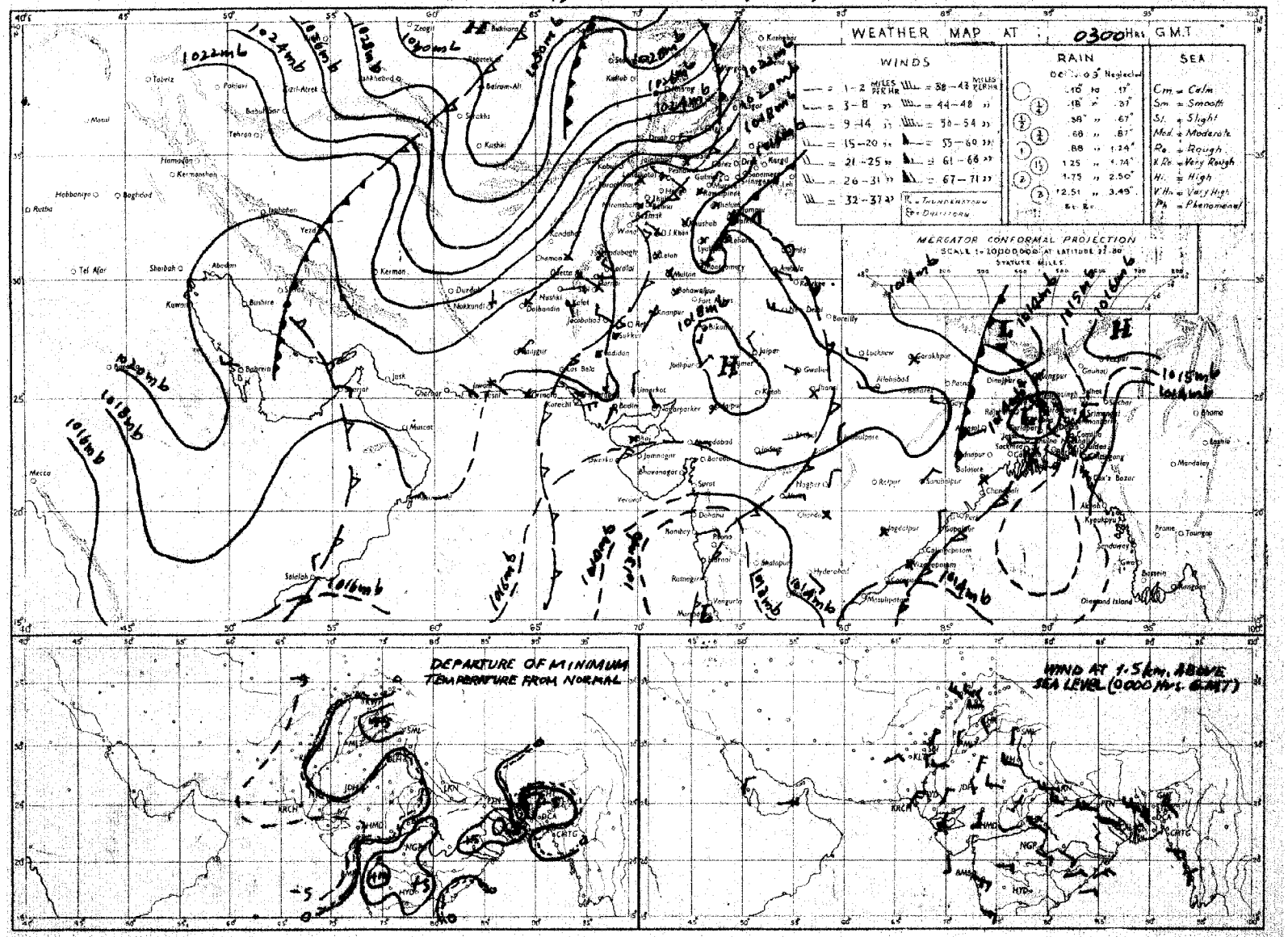
PAKISTAN DAILY WEATHER MAP

MONDAY, 9th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 10th NOVEMBER, 1959.

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

Yesterday's trough over Kashmir and Rawalpindi divisions has moved away eastwards.
The western disturbance over East Russian Turkistan is moving across north of Kashmir.
A fresh western disturbance is moving across north of Afghanistan.
The low pressure wave over north Bihar has moved away across Assam.
The low off Malabar Kanara coast persists.
Weather remained dry over the country.
Night temperatures were:- 3—4 °F below normal in North Kalat division and 3—6°F above normal in Multan and Bahawalpur divisions.
Forecast valid until the evening of 11th November, 1959. Weather will be dry over the country.

Karachi-11
The 10th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	8	2	34	02	99	11	0	107	79	0	0	9	0	6	73	86
	Chittagong	000	0	0	02	02	xx	00	0	115	77	0	0	9	0	0	70	85
	Maijdee Court																	
	Comilla	000	0	0	00	00	xx	02	0	115	78	0	0	9	0	0	72	84
	Brahmanberia	000	0	0	00	00	xx	00	0	118	78	0	0	9	0	0	69	84
	Sylhet	000	0	0	00	00	xx	04	0	113	72	0	0	9	0	0	59	82
	Srimangal	000	0	0	00	00	xx	00	0	113	71	0	0	9	0	0	69	65
Dacca	Mymensingh	000	0	0	00	00	98	00	0	114	78	0	0	9	0	0	65	85
	Narayangani	000	0	0	00	00	xx	05	0	116	80	0	0	9	0	0	67	85
	Dacca (Tejgaon)	000	0	1	36	02	97	03	0	107	77	1	5	6	0	0	66	84
	Faridpur	000	0	0	00	00	96	05	0	135	63	0	0	9	0	0	76	86
	Barisal	000	0	0	00	00	97	02	0	104	80	0	0	7	0	0	78	86
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	115	81	0	0	9	0	0	69	86
	Satkhira	000	0	0	00	00	98	01	0	112	82	4	4	8	0	0	74	87
	Jessore	000	0	2	00	00	97	01	0	114	80	2	4	6	0	0	69	87
	Sirajganj	000	0	0	00	00	96	00	0	108	75	0	0	9	0	0	67	87
	Bogra	000	0	0	00	00	xx	02	0	112	76	0	0	9	0	0	64	85
	Dinajpur	000	0	0	00	00	xx	00	0	101	73	0	0	9	0	0	60	84
	Rangpur	000	0	1	00	00	96	01	0	xxx	75	1	0	9	1	0	64	83
Kashmir	Jammu																	
Lahore	Lahore (Intl Rd)	000	8	7	00	00	96	02	1	127	73	0	0	9	0	6	59	77
	Sialkot	000	8	3	00	00	96	02	0	118	91	0	0	9	0	0	61	75
Rawalpindi	Jhelum	000	4	6	00	00	93	02	0	117	74	0	0	9	0	1	59	76
	Rawalpindi	000	8	8	18	05	99	00	0	127	67	0	0	9	0	0	49	74
	Khushab	000	8	0	00	00	99	00	0	115	79	0	0	9	0	0	54	84
Multan	Lyallpur	000	0	4	25	02	96	01	0	126	76	4	0	9	0	0	48	80
	Montgomery	000	0	0	00	00	96	00	0	125	78	0	0	9	0	0	58	83
	Multan	000	0	3	00	00	97	04	0	144	80	0	0	9	0	0	48	81
Bahawalpur	Leiah	—	—	—	—	—	—	—	—	140	84	0	0	9	0	0	55	87
	Khanpur	000	0	0	00	00	96	02	0	135	83	0	0	9	0	0	66	87
	Bahawalpur	000	0	0	00	00	97	00	0	157	80	0	0	9	0	0	55	66
	Fort Abbas	000	0	0	20	02	98	00	0									
Peshawar	Chakdara	000	8	0	00	00	97	00	0	098	69	0	0	9	0	0	51	75
	Peshawar	000	8	1	00	00	98	02	1	124	74	8	0	9	0	1	28	79
	Haripur	000	0	0	05	02	97	07	0	102	78	0	0	9	0	0	54	80
	Campbellpur	000	0	0	05	02	98	00	0	144	72	0	0	9	0	0	48	76
D. I. Khan	Bannu	000	0	2	02	01	99	01	0	125	73	0	0	9	0	3	57	79
	D. I. Khan	000	6	2	00	00	98	00	0	126	78	0	0	9	0	2	60	82
Quetta	Sibi	000	0	4	27	02	98	03	1	147	81	0	0	9	0	2	53	82
Kalat	Nokkundi	000	0	0	25	02	99	02	0	148	80	0	0	9	0	0	32	82
	Turbat	000	0	0	27	02	96	00	0	146	93	0	0	9	0	0	51	95
	Jiwani	000	0	1	25	03	97	01	0	153	78	0	0	9	0	1	65	81
	Panjgur	000	0	1	33	07	97	00	0	150	70	1	0	9	7	0	65	95
	Ormara	000	0	4	27	05	98	01	1	157	80	0	0	9	0	0	52	82
	Las Bela	000	0	0	00	xx	98	00	0	135	87	0	0	9	0	0	73	91
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	25	12	96	01	1	139	82	0	0	9	0	1	75	84
	Karachi (Air Port)	000	8	0	20	07	97	02	0	142	81	0	0	9	0	0	54	86
	Badin	000	0	0	23	02	97	02	0	151	81	0	0	9	0	0	53	85
	Nagarparkar	000	0	0	31	02	98	00	0	983	90	0	0	9	0	0	67	91
	Umarkot	000	0	1	36	07	98	00	0	128	85	0	0	9	0	1	45	86
	Hyderabad	000	0	0	36	02	97	01	0	146	81	0	0	9	0	0	54	84
Khairpur	Padidan	000	0	1	31	02	98	01	0	144	81	0	0	9	0	1	47	84
	Nawabshah	000	0	1	00	00	97	02	0	153	84	0	0	9	0	1	52	86
	Sukkur	000	0	1	27	02	96	01	0	139	79	0	0	9	0	3	47	83
	Kashmore	000	0	0	23	06	99	00	0	132	81	0	0	9	0	1	48	84
	Jacobabad	000	0	1	27	05	98	02	0	146	81	0	0	9	0	1	49	82
Junagadh-Afghanistan	Veraval																	
	Jaisalmer																	
Arabia	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	27	02	98	00	0	508	52	0	0	9	0	0	40	59
	Drosh	000	0	0	13	01	98	02	0	530	57	0	0	9	0	0	23	63
	Chitral	000	0	0	36	03	99	00	0	518	59	0	0	9	0	0	56	66
Peshawar	Saidu	000	0	0	20	03	99	00	0	518	64	0	0	9	0	0	49	69
	Landi Kotal	000	0	0	00	00	99	00	0	503	63	0	0	9	0	0	37	67
	Parachinar	000	0	0	13	02	99	00	0	828	58	0	0	9	0	0	27	xx
D. I. Khan	Miranshah	000	0	0	00	00	98	00	0	504	70	0	0	9	0	0	35	76
	Wana	000	0	0	17	03	99	00	0	491	65	0	0	9	0	0	42	67
	Fort Sandeman	000	0	2	00	00	98	01	0	516	68	2	0	9	0	3	50	71
Quetta	Hindubagh	000	0	0	27	02	98	00	0	452	65	0	0	9	0	0	35	74
	Loralai	000	0	4	09	02	96	01	0	354	65	0	0	9	0	3	39	69
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	3	10	00	96	02	0	515	62	0	0	9	0	3	39	63
	Chaman	000	0	2	31	02	96	01	1	573	68	2	0	9	0	1	46	70
Kalat	Kalat	000	0	2	34	02	98	01	1	539	57	0	0	9	0	1	29	63
	Nushki	000	0	3	31	09	98	03	0	599	74	3	0	9	0	3	08	75
Afghanistan	Dalbandin	000	0	5	05	03	99	03	1	546	76	0	0	9	0	1	33	77
	Panjgur	000	0	0	31	03	98	00	0	541	78	0	0	9	0	0	29	79
	Kabul																	
	Kandahar																	

Divisions	Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTn	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	0	02	03	97	00	0	145	77	0	0	9	0	0	59	65	+ 1	− 5	0	− 2.1	141.1	140
	Chittagong	000	0	0	02	03	97	00	0	150	80	0	0	9	0	0	67	65	+ 1	− 3	0	− 1.3	142.0	108
	Maijdee Court																							115
	Comilla	000	0	0	00	00	97	02	0	156	77	0	0	9	0	0	66	66	− 1	− 1	0	− 0.8	107.7	94
	Brahmanberia	000	0	0	00	00	97	00	0	158	77	0	0	9	0	0	64	69	−	−	0	− 0.7	85.2	76
	Sylhet	000	0	1	09	05	96	02	0	150	73	1	1	6	0	0	66	63	−	−	0	−	193.9	—
	Srimangal	000	0	0	00	00	97	00	0	152	77	0	0	9	0	0	63	58	− 3	− 4	0	− 0.9	109.4	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	159	75	0	0	9	0	0	60	64	+ 1	− 3	0	− 0.6	113.3	91
	Narayangani	000	9	0	00	00	96	05	0	153	80	0	0	9	0	0	61	68	+ 3	− 1	0	− 0.7	103.9	74
	Dacca (Tejgaon)	000	9	0	05	02	97	02	0	147	75	0	0	9	0	0	61	65	−	−	0	−	103.6	—
	Faridpur	000	9	0	36	02	96	05	0	148	74	0	0	9	0	0	59	66	+ 3	− 1	0	− 0.7	116.6	71
	Barisal	000	0	0	00	00	97	02	1	121	77	0	0	9	0	0	66	69	+ 2	+ 1	0	− 0.7	140.5	91
Rajshahi	Khulna	000	0	0	00	00	98	05	0	152	78	0	0	9	0	0	64	69	+ 1					68
	Satkhira	000	0	0	36	02	97	00	0	161	74	0	0	9	0	0	63	65	+ 3	− 1	0	− 0.5	82.1	65
	Jessore	000	0	0	00	00	98	00	0	160	78	0	0	9	0	0	67	67	+ 4	+ 2	0	− 0.6	108.8	65
	Sirajganj	000	0	0	23	02	96	02	0	153	75	0	0	9	0	0	62	61	+ 2	− 2	0	− 0.5	107.7	64
	Bogra	000	0	0	00	00	96	01	0	151	72	0	0	9	0	0	62	59	−	− 4	0	− 0.6	104.4	69
	Dinajpur	000	0	0	00	02	96	01	0	xxx	71	0	0			0	62	60	−	− 3	0	− 0.1	66.9	72
	Rangpur																		8		0	− 0.3	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Intl Rd)	000	0	1	00	00	96	02	0	152	59	1	0	9	3	0	57	52	− 9	+ 3	1.1	+ 1.1	27.1	19
	Sialkot	000	0	0	00	00	96		0	142	63	0	0	9	0	0	58	55	− 9	+ 3	1.1	+ 1.1	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	153	57	0	0	9	0	0	53	51	−	−	3.4	−	53.5	—
	Rawalpindi	000	0	0	00	00	98	00	0	148	51	0	0	9	0	0	49	47	− 6	+ 1	3.2	+ 3.2	55.5	36
	Khushab	000	0	0	00	00	97	00	0	151	59	0	0	9	0	0	51	52	− 1	− 1	1.1	+ 1.1	26.5	15
Multan	Lyallpur	000	0	0	00	00	95	00	0	157	56	0	0	9		0	53	52	− 4	+ 2	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	156	55	0	0	9	0	0	53	51	− 4	+ 2	0.1	+ 0.1	8.5	10
	Multan	000	0	0	00	00	97	02	0	152	63	0	0	9	0	0	47	59	−	+ 6	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah																							
	Khanpur	000	0	0	00	00	98	04	0	148	55	0	0	9	0	0	53	51	−	−	2.5	−	9.5	8
	Bahawalpur	000	0	0	00	00	96	03	0	144	63	0	0	9	0	0	56	56	− 2	+ 3	0	− 0	1.4	6
	Fort Abbas	000	0	0	14	03	97	03	0	153	66	0	0	9	0	4	57	55	− 0	+ 3	0.1	+ 0.1	6.6	6
Peshawar	Chakdara	000	0	0	20	02	98	00	0	141	61	0	0	9	0	0	57	54	−	−	1.0	−	10.2	4
	Peshawar	000	0	0	00	0	98	00	0	149	51	0	0	9	0	0	49	51	−	−	5.4	−	31.0	—
	Haripur	000	0	0	18	02	98	02	0	169	52	0	0	9	0	0	46	49	− 0	− 2	5.8	+ 5.8	37.5	14
	Campbellpur	000	0	0	15	04	97	00	0	153	57	0	0	9	0	0	49	50	−	−	4.0	−	36.1	—
D. I. Khan	Bannu	000	0	0	13	02	98		0	184	54	0	0	9	0	0	49	47	−	−	3.1	−	39.1	—
	D. I. Khan	000	0	0	00	00	99	00	0	150	52	0	0	9		0	48	50	−	−	2.4	−	15.2	11
Quetta	Sibi	000	0	0	00	00	8	00	0	148	59	0	0	9	0	0	54	52	− 3	+ 1	1.6	+ 1.6	16.5	10
Kalat	Nokkundi	000	0	0	00	00	99	00	0	144	55	0	0	9	0	0	51	54	−	−	4.0	−	9.3	5
	Turbat	000	0	0	34	02	99	01	0	[illegible]	57	0	0		0	0	31	50	−	−	0.5	−	1.6	2
	Jiwani	000	0	0	33	2	96	00		137	[illegible]	0	0		0	0	45	xx	−	−	0.6	−	7.9	—
	Panjgur	000	0	0	36	02	6	02	0	161	62	0	0	9	0	0	59	62	−	−	0.8	−	7.5	4
	Ormara	000	0	0	29	02	97	00	0	154	62	0	0	9	0	0	59	61	+ 8	− 2	0.3	+ 0.3	2.4	6
	Las Bela	000	0	0	00	0	9	00	0	153	69	0	0	9	0	0	63	63	−	−	2.7	+ 2.7	6.0	6
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	00	00	98	00	0	203	65	0	0	9	0	0	44	55	−	−	2.7	−		8
	Karachi (Air Port)	000	0	0	00	00	94	10	0	154	74	0	0	9	0	0	71	70	− 3	+ 1	1.6	+ 1.5	18.1	3
	Badin	000	0	0	00	00	97	00	0	156	60	0	0	9	0	0	54	57	−	−	3.3	−	36.1	9
	Nagarparkar	000	0	0	00	00	96	00	0	169	65	0	0	9	0	0	58	61	− 8	− 1	0.4	+ 0.4	11.5	—
	Umarkot	000	0	0	34	02	98	00	0	014	61	0	0	9	0	0	66	76	−	−	0	−	30.5	—
	Hyderabad	000	0	0	09	02	98	00	0	147	71	0	0	9	0	0	47	65	−	−	0.3	−	20.8	—
Khairpur	Padidan	000	0	0	00	00	97	01	0	156	61	0	0	9	0	1	51	52	− 7	− 4	0.5	+ 0.5	15.9	7
	Nawabshah	000	0	0	00	00	97	02	0	163	65	0	0	9	0	3	52	52	−	−	0.3	−	7.9	—
	Sukkur	000	0	0	00	00	96	03	1	163	62	0	0	9	0	3	59	57	−	−	0.8	−	7.5	—
	Kashmore	000	0	0	xx	xx	99	0	0	154	62	0	0	9	0	0	51	52	−	−	1.3	−	3.4	—
	Jacobabad	000	0	2	27	02	98	02	0	156	61	0	0	9	0	1	54	58	− 7	+ 3	0.3	+ 0.3	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jaisalmer																							—
Arabia	Muscat																							4
	Kuwait																							—
Kashmir	HILL STATIONS																							26
	Srinagar																							71
	Gulmarg																							26
	Sonamarg																							3
	Dras																							6
	Leh																							—
	Skardu																							5
	Misgar																							—
	Aliabad																							—
	Gilgit																							—
Rawalpindi	Murree	000	0	0	29	09	98	00	0	518	46	0	0	9	0	0	30	42	0	− 1	4.2	+ 4.0	92.6	59
	Drosh	000	0	0	00	00	98	02	0	554	44	0	0	9	0	0	27	42	− 4	− 3	3.1	−	33.8	18
	Chitral	000	0	0	31	07	99	00	0	520	54	0	0	9	0	0	42	48	− 3	− 3	5.7	+ 5.5	37.1	29
Peshawar	Saidu	000	0	0	31	02	99	02	0	515	51	0	0	9	0	0	37	47	−	−	4.4	−	59.4	—
	Landi Kotal	000	0	0	00	00	99	00	0	505	53	0	0	9	0	0	34	xx	−	−	3.9	−	22.8	—
	Parachinar	000	0	0	36	02	99	00	0	801	48	0	0	9	0	0	37	xx	−	−	5.3	−	33.5	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	478	53	0	0	9	0	0	32	47	−	−	1.1	+ 1.1	8.1	13
	Wana	000	0	0	00	00	99	00	0	496	44	0	0	9	0	0	36	47	−	−	1.1	−	15.2	—
	Fort Sandeman	000	0	0	00	00	98	02	0	552	57	0	0	9	0	0	31	46	− 4	+ 2	4.7	+ 4.7	20.7	11
Quetta	Hindubagh	000	0	0	00	00	98	00	0	530	46	0	0	9	0	0	27	46	−	−	3.3	−	16.0	—
	Loralai	000	0	0	00	00	98	00	0	349	43	0	0	9	0	0	31	41	−	−	4.3	−	17.3	—
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	5.9	+ 5.8	18.7	14
	Quetta	000	0	0	00	00	94	00	0	560	51	0	0	9	0	0	37	35	−	− 1	1.8	+ 1.8	12.0	8
	Chaman	000	0	0	09	01	96	00	0	546	52	0	0	9	0	0	34	47	− 1	+ 2	0.4	+ 0.4	6.7	7
Kalat	Kalat	000	0	0	18	15	97	02	1	578	35	0	0	9	0	1	30	30	− 2	+ 2	1.1	+ 1.1	13.1	9
	Nushki	000	0	0	09	05	98	02	0	607	62	0	0	9	0	0	18	56	−	−	0.6	−	3.5	—
Afghanistan	Dalbandin	000	0	0	00	00	98	00	0	532	43	0	0	9	0	0	16	41	− 3	− 4	0.2	+ 0.2	2.4	5
	Panjgur	000	0	0	05	09	99	00	0	522	49	0	0	9	0	0	26	45	− 1	− 3	0.1	−	4.2	4
	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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 10th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	N.C.hC.C.	D.V. a PP	8 N. C. h.	0 T. T. T. T.	Id.d. PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	23 242	606 18	8 35 02	99 02 0	169 75	00 9 00	15 40 0	...	0 51 49	1 35 20
Dumra	23 248	660 18	8 28 05	99 02 0	149 79	00 9 00	25 40 0	...	0 01 44	1 20 20
Kerman	23 093	664 18	6 00 00	99 15 2	098 82	19 4 31	45 10 3	...	0 01 75	1 00 x0
Afghanistan	23 132	592 18	0 02 00	99 02 0	181 77	00 9 00	74 21x0	...	0 82 65	1 02 21
Asia	23 104	579 18	7 07 13	98 02 2	147 77	74 6 xx	16 21 3	...	0 56 66	1 07 x1
Amrara	23 230	672 18	0 09 02	99 00 0	153 79	00 9 00	26 10 5	...	0 55 64	—

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
[illegible]	00 00	013 208 188	000 235 118	—	496 128 085	..	128 085 999	390 025 999	846 338 999	562 670 999	965 838	239 015	—	..
[illegible]	00 00	012 158 132	120 268 135	..	500 170 999	..	156 078 999	410 012 999	852 580 999	546 005 999	961 848	232 025	411 175	—
[illegible]	00 00	971 118 072	—	—	490 175 032	..	122 075 618	374 508 685	796 620 999	470 725 999	951 902	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
[illegible]	00 00	900 165 112	800 092 042	—	—	—	—	—	—	—	000 092 042	—	—
[illegible]	00 00	...	...	...	...	—	—	—	—	—	180 175 999	—	—
[illegible]	00 00	900 188 073	800 148 532	350 082 999	—	..	—	—	—	..	350 002 999	—	—

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

Heights in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	27 12	27 15	37 20	27 33	29 28	29 31				31 06	32 05	29 07	24 14	29 09	30 22	31 03	29 03	29 07	28 10	29 06						
											05 06	32 04	33 19	32 10	32 12											
	02 03	05 03	04 05	32 05	28 06	29 07	26 10	26 11	25 15	08 03	02 01	01 03	36 07	01 08	26 03											
	01 12	02 13	01 16	26 23	34 25	26 14				01 20	01 19	26 19	33 19	31 15	31 07	03 04	35 08	33 14	33 12	28 11						
	01 13	01 14	01 19	3 11	33 11					01 20	36 16	25 21	35 03	34 03	33 06	01 13	25 21	25 22	36 09	33 07	32 04					
	36 06	33 08	33 06	19 19	30 27	30 23	30 23	29 25	29 29	35 10	35 08	31 08	28 15	31 19	31 20	33 03	30 04	39 08	28 19	29 01	31 18	30 24	29 25	30 25	28 23	28 32
			08 05	36 08	36 06	33 06	29 18	27 32	27 38			06 08	05 11	01 06	33 11			08 08	05 14	33 10	07 11	31 07	30 08	19 11	37 20	27 29
													13 01	10 03	13 07					32 13	36 21	34 07	32 24	32 40	30 46	29 39
				26 02	10 06	31 15	20 20	27 34	29 32				22 04	35 07	01 11				22 04	31 09	31 08	34 10	34 18	29 27	29 27	
	27 10	33 04	21 04	17 05	31 08	28 11	28 19	29 28	27 35	27 06	27 07	27 07	34 13	33 12	30 11	28 07	33 06	33 06	32 18	32 15	35 08	37 15	33 17	38 19		30 32
	33 04	33 04	31 03	30 06	29 20	34 29				02 09	34 13	31 13	28 08	29 06		32 06	32 06	32 11	29 25	31 19	29 17	31 17	29 21	28 33	28 22	29 35
	31 06	31 09	31 09	34 04	34 01	33 07	28 11	26 1	27 32	01 04	31 13	32 13	32 16	32 17	33 15	31 03	33 06	33 07	43 12	32 09	30 17	30 45	33 19	31 34	29 31	
	No Ascent									No Ascent						No Ascent										
	34 03	02 03	02 04	04 09	36 07	29 07	30 18	25 11	24 14	29 11	29 06	33 05	02 14	35 09	33 08	28 03	32 05	01 07	04 11	01 07	29 09	29 11	28 17	16 19	26 33	
	35 05	25 06	26 05	30 02	34 13	31 12	28 12	27 33	27 54	23 19	28 19	16 15	24 10	24 08	23 11	23 15	25 18	25 15	25 04	17 02	36 10	31 14	31 14	28 23	30 30	21 41
	31 14	31 04	30 13	31 15	33 11	31 15	29 15	28 34		31 08	31 11	32 14	33 15	32 20	34 19	31 08	30 11	31 15	32 14	32 16	31 25	31 32	30 20	29 32	28 39	28 43
	16 23	16 02	22 02	31 04	33 10	30 13	29 18	28 31	27 32	13 10	20 11	22 09	04 06	01 11	25 15	19 07	19 09	19 09	07 04	31 07	31 11	29 15	21 20	18 29	29 34	
					31 07	32 13	29 17	28 25	27 36					32 04	32 17					32 05	34 13	35 14	33 18	30 15	27 19	28 31
	30 07	30 15	30 12	29 06	35 05	28 19	09 21			08 09	08 09	07 10	07 04	15 08	32 12	10 07	10 08	10 08	35 05	14 06	31 06					

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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
[illegible]	36 09	33 10	32 07	77 14	30 25	31 19	29 23	29 21	29 24	29 94	29 29	29 39	27 24	28 29				—
[illegible]	32 08	34 02	31 05	34 08	36 13	35 06	29 13	26 17	26 19	26 27	36 35	26 49	26 72	25 73	26 62	26 72	77 46	
[illegible]	—	14 03	13 07	25 11	29 15	34 45	31 13	25 17	3: 17	30 47	29 40	28 47	28 80	26 85	26 83	26 85		

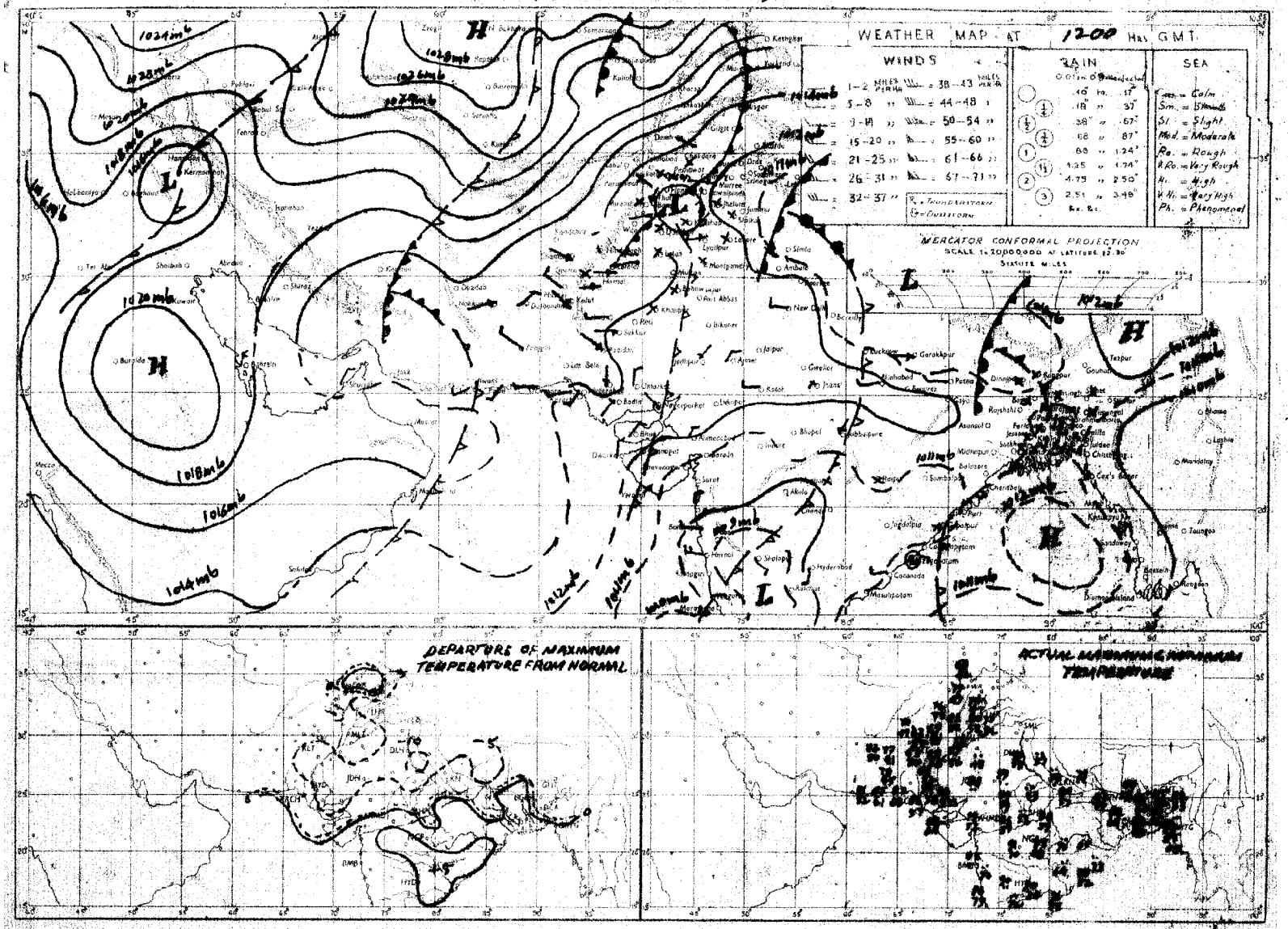
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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, 9th NOVEMBER, 1959.

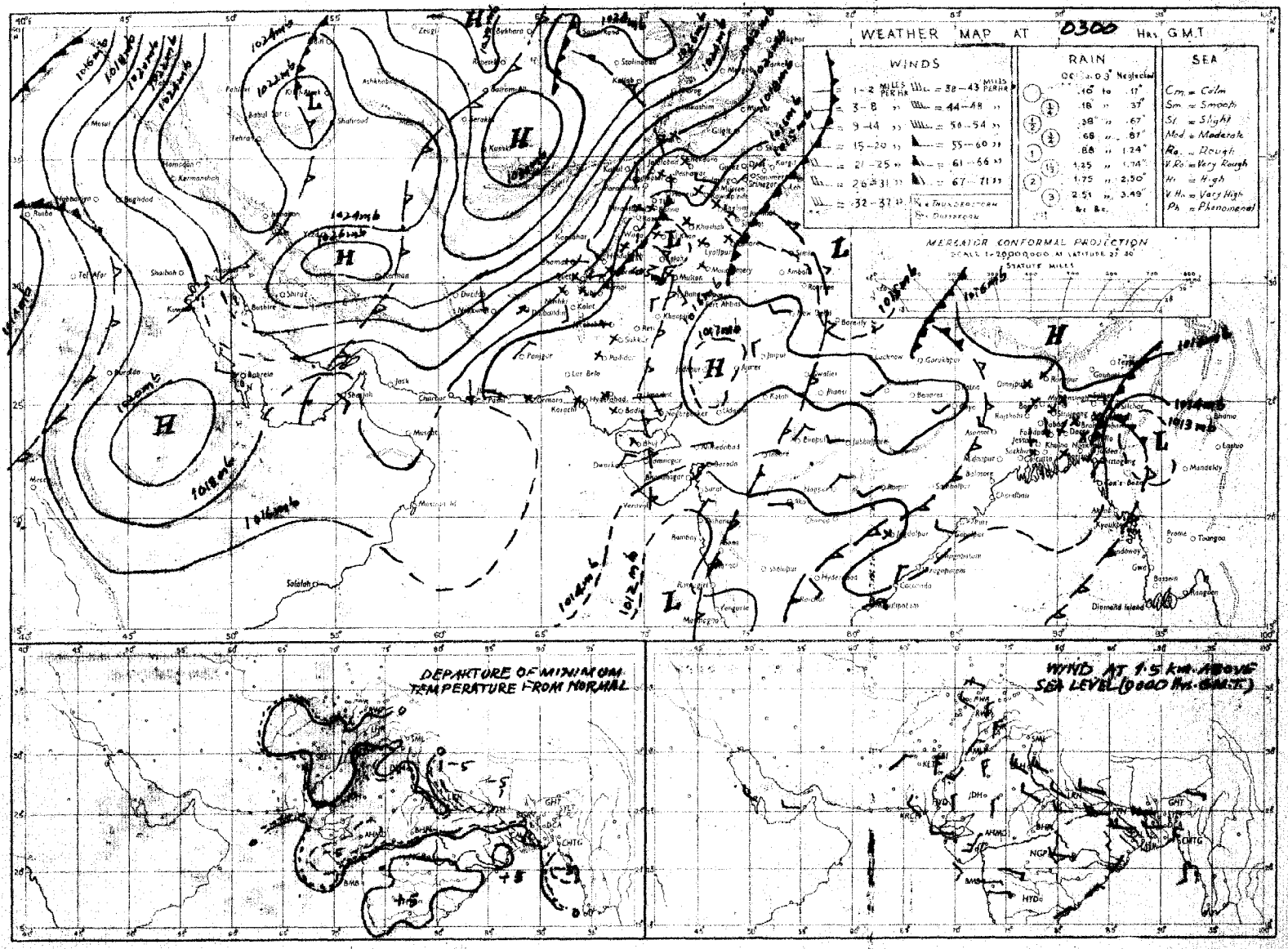


Rainfall amounts indicated in the above chart refer to past 9 hours.

PRINTED AT ARMY PRESS, PAKISTAN

PAKISTAN DAILY WEATHER MAP

TUESDAY, 10th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 11th NOVEMBER, 1959.

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

Yesterday's western disturbance north of Afghanistan is moving away eastwards across East Russian Turkistan with its trough extending to D. I. Khan division.
A fresh western disturbance lies over northeast Iran.
The low off Konkan Kanara coast persists.
Weather remained dry over the country.
Night temperatures were:- 3—4 °F above normal in Lahore, Multan, Bahawalpur, Khairpur, Quetta and D.I. Khan divisions and were 3—4°F below normal in Dacca and Chittagong divisions.

Forecast valid until the evening of 12th November, 1959. Scattered rain/thunderstorm will occur in Peshawar, Rawalpindi divisions and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 11th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	0	02	02	95	00	0	130	75	0	0	9	0	0	64	84	000	0	1	02	02	97	03	0	142	75	1	1	7	0	0	62	64	— 1	— 4	0	— 2.2	141.1	140
	Chittagong	000	0	0	00	00	xx	00	0	112	76	0	0	9	0	0	64	84	000	0	0	36	02	96	00	0	137	75	0	0	9	0	0	66	64	— 0	— 3	0	— 1.3	142.7	108
	Maijdee Court	000	9	0	00	00	xx	00	0	115	77	9	x	0	x	x	67	82	000	9	0	00	00	98	00	0	154	75	0	0	9	0	0	63	64	— 1	— 3	0	— 1.0	144.7	115
	Comilla	000	0	0	00	00	xx	02	0	113	76	0	0	9	0	0	67	84	000	0	0	00	00	97	02	0	155	77	0	0	9	0	0	75	64	— 1	— 1	0	— 0.8	107.7	94
	Brahmanbaria	000	0	2	05	02	xx	01	1	114	76	2	5	9	0	0	66	84	000	0	0	36	02	97	00	1	154	76	0	0	9	0	0	60	66	—	—	0	— 0.7	85.2	76
	Sylhet	000	0	0	00	00	xx	01	0	108	73	0	0	9	0	0	64	81	000	0	1	09	05	96	02	0	146	71	1	4	6	3	0	65	63	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	115	69	0	0	9	0	0	65	84	000	0	0	00	00	97	00	0	149	74	0	0	9	0	0	63	58	— 3	— 3	0	— 1.0	109.4	59
Dacca	Mymensingh	000	0	0	00	00	98	00	0	116	76	0	0	9	0	0	62	83	000	0	0	27	02	97	00	0	156	71	0	0	9	0	0	63	62	— 0	— 4	0	— 0.6	113.3	91
	Narayanganj	000	0	0	00	00	xx	05	4	108	75	0	0	9	0	0	60	85	000	9	0	27	02	97	05	4	146	76	0	0	9	0	0	59	65	+ 1	— 2	0	— 0.7	103.9	74
	Dacca (Tezgaon)	000	0	0	31	03	97	02	0	107	74	0	0	9	0	0	59	83	000	9	0	00	00	97	02	0	145	75	0	0	9	0	0	60	60	—	—	0	—	103.6	—
	Faridpur	000	0	0	00	00	96	05	0	137	83	0	0	9	0	0	76	86	000	0	0	34	02	95	05	0	148	74	0	0	9	0	0	61	62	+ 4	— 3	0	— 0.7	116.6	71
	Barisal	000	0	0	00	00	97	02	0	114	77	0	0	9	0	0	65	82	000	0	0	05	01	97	02	2	147	75	0	0	9	0	0	62	65	— 1	— 1	0	— 0.9	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	119	78	0	0	9	0	0	63	85	000	0	0	00	00	97	00	0	157	78	0	0	9	0	0	67	66	+ 2	+ 1	—	—	—	68
	Satkhira	000	0	0	00	00	98	00	0	118	77	0	0	9	0	0	67	84	000	0	0	00	00	98	00	0	154	76	0	0	9	0	0	63	63	— 1	+ 0	0	— 0.5	82.1	65
	Jessore	000	0	0	36	02	97	00	0	134	80	0	0	9	0	0	80	83	000	0	0	36	02	97	00	0	159	73	0	0	9	0	0	63	62	—	—	0	— 0.7	105.8	65
	Sirajganj	000	0	0	00	00	92	00	1	098	72	0	0	9	0	0	67	83	000	0	0	00	00	98	00	0	136	76	0	0	9	0	0	67	62	—	—	0	— 0.5	107.7	64
	Bogra	000	0	0	00	00	xx	00	0	115	75	0	0	9	0	0	62	81	000	0	1	00	00	96	01	0	149	73	1	0	9	4	0	63	61	— 1	— 2	0	— 0.6	104.4	69
	Dinajpur	000	0	0	00	00	x	00	0	119	73	0	0	9	0	0	63	82	000	0	0	00	00	96	00	0	120	73	0	0	9	0	0	63	59	— 1	— 3	0	— 0.1	66.9	72
	Rangpur	000	0	0	00	00	96	01	0	xxx	73	0	0	9	0	0	63	81	000	0	2	05	02	96	01	1	xxx	71	1	5	6	1	0	62	61	—	—	0	— 0.3	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	128	73	0	0	9	0	0	60	78	000	0	0	00	00	95	10	0	149	59	0	0	9	0	0	57	52	— 5	+ 5	1.1	+ 1.1	27.4	19
	Sialkot	000	0	0	00	00	98	00	0	122	71	0	0	9	0	0	59	78	000	0	0	00	00	98	00	0	144	62	0	0	9		0	55	54	— 4	+ 4	3.1	+ 3.1	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	126	72	0	0	9	0	0	55	81	000	0	0	31	02	97	02	0	148	56	0	0	9	0	0	51	51	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	0	27	02	99	00	0	131	68	0	0	9	0	0	52	74	000	0	0	27	02	98	00	0	148	50	0	0	9	0	0	49	46	— 4	+ 2	3.2	+ 3.1	55.5	36
	Khushab	000	0	0	00	00	99	00	0	119	79	0	0	9	0	0	59	82	000	0	0	00	00	99	00	0	151	57	0	0	9	0	0	53	54	— 2	+ 3	1.1	+ 1.1	26.5	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	126	78	0	0	9	0	0	55	83	000	0	0	00	00	94	41	4	149	56	1	0	9	0	8	55	57	+ 1	+ 8	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	121	79	0	0	9	0	0	61	84	000	0	0	00	00	96	01	0	146	54	0	0	9	0	0	49	51	— 1	— 1	0.1	+ 0.1	8.5	10
	Multan	000	0	2	00	00	97	02	0	125	85	0	0	9	0	1	47	86	000	0	0	00	00	97	05	0	150	61	0	0	9	0	0	49	53	+ 2	+ 2	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	96	04	0	117	84	0	0	9	0	0	49	85	000	0	0	00	00	98	04	0	146	55	0	0	9	0	0	52	50	—	—	2.5	—	9.5	8
	Khanpur	000	0	1	00	00	96	03	0	117	84	1	0	9	1	0	56	86	000	0	0	18	03	96	01		145	63	0	0	9	0	0	50	55	— 1	+ 4	0	0	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	125	85	0	0	9	0	0	63	83																		— 2	—				6
	Fort Abbas	000	0	0	02	02	98	00	0	119	81	0	0	9	0	0	58	87	000	0	0	20	02	98	00	0	134	64	0	0	9	0	0	49	57	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	140	69	0	0	9	0	0	49	73	000	0	0	00	00	98	00	0	161	48	0	0	9	0	0	44	46	—	—	5.4	—	31.9	—
	Peshawar	000	0	1	00	00	98	03	0	131	70	0	0	9	0	1	56	76	000	0	1	23	03	98	03	0	164	53	0	0	9	0	1	47	50	— 1	+ 1	5.0	+ 5.0	27.5	14
	Kohat	000	0	0	23	02	97	03	0	109	71	0	0	9	0	0	49	79	000	0	0	23	04	97	00	0	132	56	0	0	9	0	0	47	51	—	—	4.0	—	36.1	—
	Parachinar	000	0	0	23	02	98	00	0	134	77	0	0	9	0	0	50	78	000	0	0	18	02	98	00	0	181	54	0	0	9	0	0	51	52	—	—	3.1	—	39.1	—
D. I. Khan	Bannu	000	0	1	00	00	99	01	0	124	73	0	0	9	0	0	56	77	000	0	0	00	00	99	00	0	155	57	0	0	9	0	0	47	52	—	—	2.4	—	15.2	11
	D. I. Khan	000	0	0	00	00	98	00	0	118	77	0	0	9	0	0	62	80	000	0	0	00	00	98	00	0	147	57	0	0	9	0	0	52	53	— 3	+ 4	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	129	83	0	0	9	0	0	49	85	000	0	0	05	02	99	01	0	156	57	0	0	9	0	0	51	55	—	—	6.0	—	9.2	5
Kalat	Nokkundi	000	0	0	25	02	99	02	0	141	82	0	0	9	0	0	51	83	000	0	0	34	02	99	02	0	246	56	0	0	9	0	0	21	51	—	—	0.8	—	1.6	3
	Turbat	000	0	0	05	02	98	00	0	124	94	0	0	9	0	0	57	87	000	0	0	09	02	96	00	0	160	64	0	0	9	0	0	43	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	0	23	03	97	02	0	131	84	0	0	9	0	0	61	84	000	0	0	36	02	97	02	0	154	74	0	0	9	0	0	49	68	—	—	0.8	—	7.5	4
	Panjgur	000	0	0	18	05	97	00	0	123	83	0	0	9	0	0	61	84	000	0	0	25	02	97	00	0	151	60	0	0	9	0	0	55	58	— 2	— 2	0.3	+ 0.3	3.4	6
	Nushki	000	0	0	05	03	98	00	0	119	82	0	0	9	0	0	55	84	000	0	0	00	00	98	00	0	144	65	0	0	9	0	0	60	59	—	—	2.7	+ 2.7	6.8	4
	Dalbandin	000	0	0	00	00	98	00	0	114	86	0	0	9	0	0	74	95	000	0	0	00	00	98	00	0	162	73	0	0	9	0	0	48	55	—	—	—	—	—	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	02	98	00	0	112	83	0	0	9	0	0	76	83	000	0	0	00	00	94	10	0	155	72	0	0	9	0	0	67	67	— 1	— 0	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	1	18	05	97	02	0	126	80	0	0	9	0	0	61	86	000	0	1	00	00	96	03	0	148	61	0	0	9	0	1	57	57	—	—	3.3	—	26.1	—
	Badin	000	0	0	23	02	97	00	0	123	83	0	0	9	0	0	49	88	000	0	0	00	00	96	00	0	153	65	0	0	9	0	0	60	61	— 4	+ 1	0.4	+ 0.4	11.5	9
	Nagarparkar	000	0	0	29	02	98	00	0	107	90	0	0	9	0	0	66	92	000	0	0	00	00	98	00	0	134	60	0	0	9	0	0	67	77	—	—	0	—	30.5	—
	Umarkot	000	0	2	34	07	98	00	0	108	86	0	0	9	0	2	42	87	000	0	0	00	00	98	00	0	136	61	0	0	9	0	0	49	55	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	00	00	97	02	0	127	85	0	0	9	0	0	53	88	000	0	2	00	00	95	10	0	151	65	0	0	9	0	8	53	59	— 2	— 2	0.5	+ 0.5	15.9	7
Khairpur	Padidan	000	0	0	31	03	98	01	0	123	86	0	0	9	0	1	46	87	000	0	0	31	02	97	02	0	147	56	0	0	9	0	0	53	50	—	—	0.3	—	7.9	—
	Nawabshah	000	0	1	00	00	98	01	0	120	85	1	0	9	3	0	45	88	000	0	0	00	00	97	02	0	154	61	0	0	9	0	0	49	52	—	—	0.3	—	7.5	—
	Sukkur	000	0	4	27	02	96	03	1	121	79	0	0	9	3	0	55	85	000	9	0	00	00	96	00	1	148	62	0	0	9	0	0	59	59	—	—	0.8	—	8.3	4
	Kashmore	000	0	0	xx	00	99	00	0	112	81	0	0	9	0	0	55	87	000	0	0	18	02	99	00	0	155	66	0	0	9	0	0	57	54	—	—	1.3	—	3.4	—
	Jacobabad	000	0	1	27	00	98	02	0	123	84	0	0	9	0	1	55	85	000	0	0	16	02	98	00	0	149	62	0	0	9	0	0	55	57	— 2	+ 3	0.3	+ 0.3	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								26
Kashmir	Srinagar																																								—
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Misgar																																								—
	Alisbad																																								5
	Gilgit																																								—
Rawalpindi	Murree	000	0	0	31	02	98	00	0	511	52	0	0	9	0	0	40	57	000	0	0	31	02	99	00	0	518	47	0	0	9	0	0	31	42	— 1	— 0	4.2	+ 4.0	82.6	59
Peshawar	Drosh	000	0	0	18	01	98	02	0	519	58	0	0	9	0	0	21	63	000	0	0	13	03	98	00	0	543	45	1	0	9	4	0	27	44	— 2	— 0	3.1	—	33.8	18
	Chitral	000	0	0	18	01	98	00	0	519	59	0	0	9	0	0	47	67	000	0	1	31	02	98	00	0	523	55	0	0	9	0	0	44	47	— 0	— 3	5.7	+ 5.5	37.1	29
	Kohat	000	0	0	16	03	99	00	0	509	60	0	0	9	0	0	45	68	000	0	1	00	00	98	00	0	511	52	0	0	9	3	1	34	48	—	—	4.4	—	59.4	—
	Landi Kotal	000	0	0	00	00	99	00	0	504	65	0	0	9	0	0	37	70	000	0	0	00	00	98	03	0	498	46	0	0	9	0	4	34	41	—	—	3.9	—	22.8	—
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	501	64	0	0	9	0	0	43	xx	000	0	0	00	00	99	00	0	800	49	0	0	9	0	0	35	xx	—	—	5.3	—	33.5	29
	Miranshah	000	0	0	00	00	99	00	0	504	70	0	0	9	0	0	41	75	000	0	0	00	00	99	00	0	484	50	0	0	9	0	0	34	46	—	—	1.1	+ 1.1	8.1	13
	Wana	000	0	0	13	03	99	00	0	483	70	0	0	9	0	0	25	72	000	0	0	00	00	99	00	0	495	42	0	0	9	0	0	33	38	—	—	1.1	—	15.2	—
Quetta	Fort Sandeman	000	0	0	31	03	98	02	0	535	70	0	0	9	0	0	25	67	000	0	0	23	02	98	00	0	522	53	0	0	9	0	0	23	45	— 0	+ 3	4.7	+ 4.7	20.7	—
	Hindubagh	000	0	0	31	06	98	00	0	504	62	0	0	9	0	0	39	75	000	0	0	31	03	98	00	0	514	44	0	0	9	0	0	22	43	—	—	3.3	—	16.0	—
	Loralai	000	0	0	13	03	98	00	0	364	67	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	346	43	0	0	9	0	0	27	42	—	—	4.3	—	7.3	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	46	63	000	0	0	00	00	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.8	18.7	14
	Quetta	000	0	0	31	02	96	00	0	524	62	0	0	9	0	0	47	72	000	0	0	13	02	97	00	0	538	47	0	0	9	0	0	34	36	—	—	1.8	+ 1.8	12.0	8
	Chaman	000	0	0	36	02	97	00	0	541	69	0	0	9	0	0	30	62	000	0	0	18	03	97	02	0	532	51	0	0	9	0	0	22	47	+ 3	+ 4	0.4	+ 0.4	6.7	7
	Kalat	000	0	1	02	07	97	02	1	514	55	0	0	9	0	0	15	75	000	0	0	09	05	98	02	0	534	38	0	0	9	0	0	24	28	— 2	— 3	1.1	+ 1.1	12.1	9
Afghanistan	Nushki	000	0	0	31	11	98	02	0	589	74	0	0	9	0	0	33	77	000	0	0	36	02	98	02	0	593	59	0	0	9	0	0	21	54	—	—	0.6	—	3.5	—
	Dalbandin	000	0	0	07	09	98	02	0	541	75	0	0	9	0	0	13	73	000	0	0	00	00	98	00	0	516	47	0	0	9	0	0	25	39	— 2	— 3	0.2	+ 0.2	2.4	3
	Panjgur	000	0	0	31	05	98	00	0	523	73	0	0	9	0	0	48	61	000	0	0	05	03	98	00	0	521	48	0	0	9	0	0	24	34	—	—	0.1	—	4.2	4
	Kabul	000	0	0	27	02	99	00	0	564	58	0	0	9	0	0			000	0	0	23	02	99	00	0	577	47	0	0	9	0	0	35	33	—	—	—	—	—	12
	Kandahar																																								

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

PAKISTAN DAILY WEATHER-REPORT

WEDNESDAY THE 11th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D,V. a PP	8 N Ch h,	O T, T_d T_d T_d	Id..d..PH..
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Pakistan Prosperity	33 188	703 00	3 05 13	97 01 0	110 80					
Asia	33 196	594 00	7 07 13	38 03 1	130 77	70 8 70	16 61 2	...	0 54 66	1 07 x2
Dwarka	33 246	618 00	0 35 02	99 02 0	148 79	00 9 00	15 70 2	...	0 01 72	1 35 20
Safinaa Tambooryar	33 233	585 00	0 06 05	98 02 0	135 78	00 9 00	...	...		
Isedora	33 239	586 06	1 30 05	99 02 0	183 81	12 6 00	36 21 3	...	0 01 68	1 30 11
British Reliance	33 237	589 06	0 30 05	99 00 0	171 87	00 9 00	...	...		
Afghanistan	33 251	577 06	3 30 09	99 01 1	183 79	24 4 05	74 20 9	...	0 51 67	1 30 21
Asia	33 209	611 06	1 04 13	98 01 1	154 77	11 4 00	16 21 3	...	0 54 70	1 04 22
Britis Resource	33 210	595 06	2 05 10	99 02 0	168 76	21 5 00	15 21 0	...	0 51 67	1 05 44
Dwarka	33 250	638 12	0 36 02	99 02 0	126 81	00 9 00	35 71 0	...	0 01 57	1 25 20
British Reliance	33 227	597 12	0 36 13	99 00 0	146 79	00 9 00	...	...		
British Resource	33 222	599 12	0 02 14	99 02 0	126 80	00 9 00	85 62 0	...	0 00 58	1 03 44
Pakistan Prosperity	33 202	693 12	8 16 13	98 01 0	101 77	...	...	...		
Asia	33 222	628 12	0 04 06	98 00 0	13 92	00 9 00	16 60 0	...	0 02 68	1 04 x1
Asia	33 232	646 18	0 02 04	98 00 0	124 75	00 9 00	17 40 0	...	0 94 68	1 02 x0
Alvalos	33 160	532 18	0 06 07	98 02 0	100 79	00 9 00	...	...	0 51 75	1 05 x1
Dwarka	33 249	651 18	0 24 02	98 02 0	150 79	00 9 00	24 40 0	...	0 00 66	1 26 20
Afghanistan	33 262	557 18	0 30 05	99 02 0	158 79	00 9 00	54 40 0	...	0 51 63	1 00 xx
Dumera	33 244	630 19	0 29 09	59 02 0	120 79	00 9 00	15 20 9	...	0 51 70	1 29 21

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
		PPPTTTTT_dT°T_d	HHHTTT T^{d}T^{d}T°								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 182 152	134 252 192	...	500 122 095	...	132 075 999	387 015 999	831 575 999	526 635 999	961 848	234 028	...	...
Jiwani ...														
Karachi ...	00 00	010 145 125	122 182 135	...	500 182 592	...	152 082 999	408 002 999	852 580 999	546 692 999	963 838	...	...	...
Lahore ...	00 00	...	Missda	...		...								
Multan ...														
Peshawar ...	23 00	973 128 075	...	...	510 148 48	...	193 058 578	342 545 748	752 625 999	424 742 999	945 902	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels								Max. Height Reached	TROPOPAUSE	
		PPPTTT T^{d}T^{d}T°								PPPTTT $T_d$$T_d$T°	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	930 128 088	865 105 078	...	...	...	...	...	...	...	865 105 078	...	...
Jiwani ...													
Karachi ...	00 00	960 232 095	900 205 025	...	...	...	...	...	...	...	900 205 025	...	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	23 00	926 195 115	926 195 115	800 112 518	350 812 999	250 965 999	215 005 999	...	...	...	215 005 999	...	...
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)—Tent of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers w temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. ——→	At 1200 hrs. G.M.T. 1 of Previous day (dd ff)									A 0000 hrs. G.M.T. 1 o date (dd)						At 600 hrs. G.M.T. 1 of date (dd ff)											
STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	2	3	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 ...	33 07	11 05	31 08	31 12	27 13	29 21	—	...	...	36 03	35 03	34 04	27 04	30 13	29 29	30 02	30 03	29 05	30 07	34 05	29 27	28 35	27 34	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	03 06	02 05	02 05	06 04	33 06	29 11	27 15	28 24	27 30	07 02	13 05	11 06	02 06	30 07	27 09	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	34 10	31 12	33 11	34 21	33 03	28 17	...	...	...	33 10	32 05	30 04	19 06	25 09	27 12	31 03	25 03	22 07	18 06	26 10	26 15	28 17	27 19	27 24	27 27	27 35
Cox's Bazar ...	02 15	03 17	36 19	02 12	...	...	...	...	...	36 16	36 10	35 08	19 10	24 08	28 12	35 16	34 03	23 02	21 07	24 09	27 08	31 10	27 16	28 16	...	...	...
Dacca ...	30 10	31 10	31 09	31 15	31 15	28 15	30 28	31 31	30 33	34 03	34 05	34 05	30 11	27 11	28 18	30 05	32 05	32 06	31 11	29 13	28 18	28 27	28 30	27 27	27 27	27 43
Dalbandin ...	...	...	08 11	06 12	02 09	36 12	29 15	27 21	28 24	...	...	08 04	04 05	34 08	33 14	...	...	08 07	03 09	01 16	36 15	31 12	29 12	31 13	27 24	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 09	02 11	01 03	34 10	32 17	...	...	...	04 01	33 04	04 08	...	...	...	...	07 04	36 13	35 28	...	...	...	...
Fort Sandeman ...	...	...	34 01	31 05	29 12	30 17	29 27	28 28	...	...	...	...	21 08	31 09	27 14	...	...	...	22 08	27 09	29 09	30 19	28 31	28 19	28 33	29 58
Jacobabad ...	28 08	31 09	33 09	03 11	02 12	33 07	35 07	33 19	28 26	36 03	31 03	31 01	34 07	33 08	18 09	26 03	28 06	28 06	34 12	34 09	25 04	30 19	29 22	27 19	27 31	28 33
Jacobabad ...	32 10	33 11	32 10	30 20	29 19	30 20	...	...	...	32 05	33 04	30 08	30 34	...	...	29 05	30 05	30 10	30 21	30 18	28 18	...	...	...	...	...
Jhelum ...	26 01	29 06	29 10	31 11	31 09	35 08	36 15	31 23	30 34	36 09	32 09	32 12	32 14	30 18	30 10	28 06	30 07	31 07	31 11	30 12	27 07	27 25	27 26	28 31	28 35	...
Jiwani ...	No	Ascent								No	Ascent					No	Ascent									
Karachi ...	33 03	04 05	05 10	02 06	31 10	30 12	28 15	28 15	28 22	33 05	16 02	07 06	04 10	05 14	29 06	35 04	34 02	01 07	01 13	03 12	03 08	29 12	28 21	26 17	...	...
Khanewal ...	30 08	19 08	16 04	31 04	01 01	31 08	30 16	28 24	27 26	22 06	23 09	23 12	12 03	03 06	...	19 06	21 11	21 10	31 08	03 07	25 07	27 13	27 19	28 18	...	...
Lahore ...	29 10	29 10	30 12	32 21	33 13	33 13	31 24	30 34	27 37	34 04	33 09	32 14	32 14	33 13	29 06	28 04	28 12	29 15	31 15	32 14	32 09	27 20	28 22	28 21	28 28	...
Multan ...	18 04	19 06	19 06	35 01	01 03	31 08	32 15	30 23	29 27	21 08	22 11	22 12	23 05	27 14	04 07	20 05	20 12	21 12	21 08	19 07	24 09	27 16	28 20	28 17	26 29	27 31
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	10 01	15 02	23 02	30 16	29 19	31 16	31 25	30 37	...	35 01	34 04	31 07	30 12	29 13	...	36 03	32 05	32 16	30 19	27 24	27 20	27 24	27 29	...	...
Quetta ...	...	...	...	...	32 15	33 13	29 11	29 19	29 26	...	...	...	...	35 09	32 14	...	...	...	...	31 02	33 12	32 17	29 75	29 37	...	...
Shorkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	19 01	06 01	36 05	06 03	05 06	25 10	...	...	...	15 03	17 01	15 03	13 05	16 10	26 25	08 04	13 02	17 01	14 01	28 03	26 16	27 36	27 30	28 41	27 43	...
Varwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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. a.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 ...	33 05	33 05	33 06	33 10	29 18	27 15	28 27	27 29	27 34	27 43	27 43	29 53	...	...	...	...	...	...
Karachi ...	32 05	12 04	04 06	04 10	94 13	30 11	28 18	29 19	27 25	27 39	26 55	27 68	...	...	...	...	...	...
Peshawar ...	...	29 01	29 02	35 04	32 07	31 16	33 23	26 24	27 31	27 46	28 50	27 74	27 87	78 26	28 80	...	...	...
Quetta ...																		

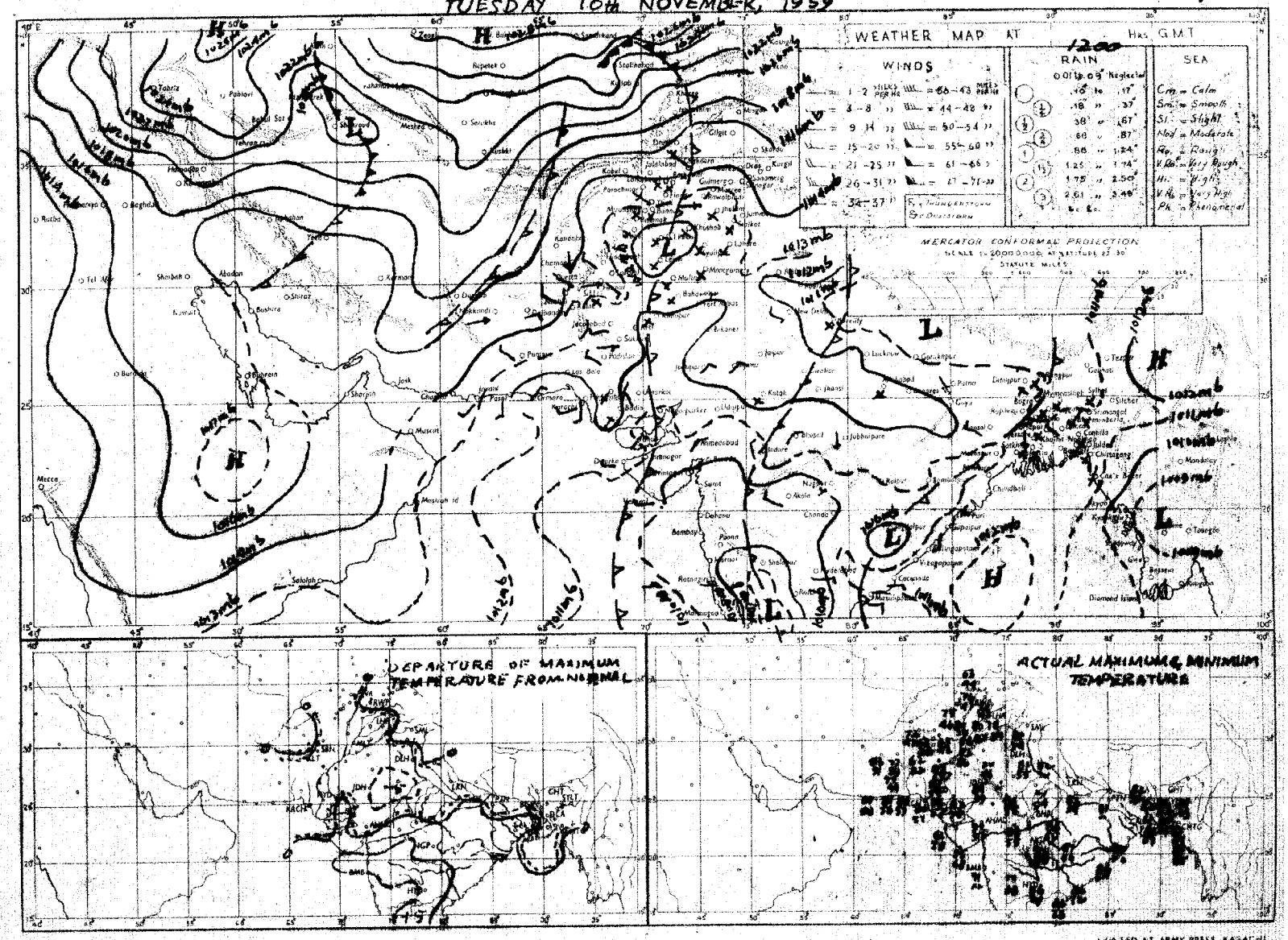
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

accuracy of individual entries in this report can not be guaranteed. Correction can be obtained, if necessary applic. onation to the Meteorologist, Weather Central Air Port, KARACHI- 11

PAKISTAN DAILY WEATHER MAP

TUESDAY 10th NOVEMBER, 1959



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

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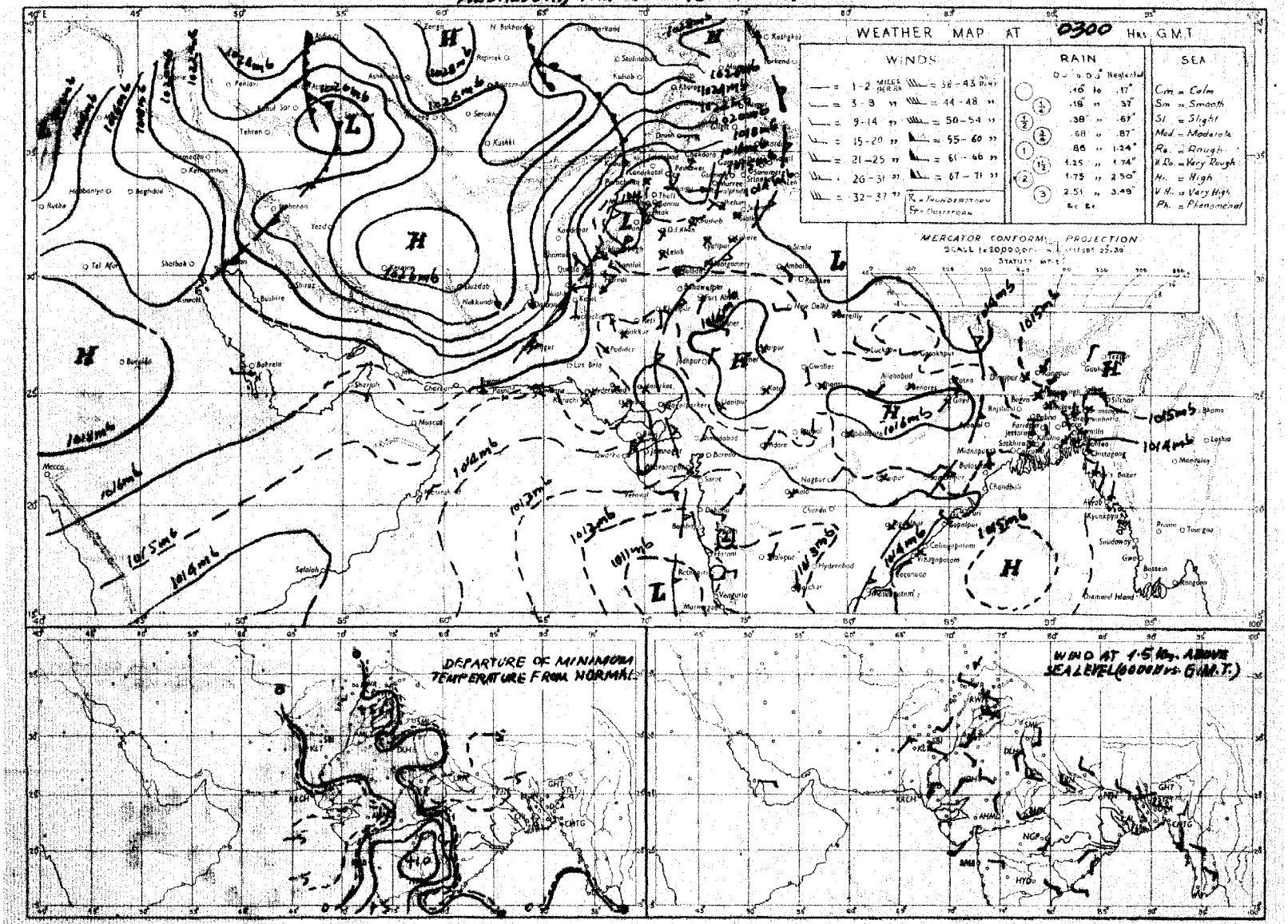
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 11th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 12th NOVEMBER, 1959.

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

Yesterday's western disturbance over northeast Iran is now moving across Russian Turkistan north of Afghanistan.
The low off Konkan Kanara coast persists.
Weather remained dry over the country.
Night temperatures were:- 3—5 °F below normal in Dacca and Chittagong divisions and were 3—6°F above normal in Lahore, Multan and D.I. Khan divisions
Forecast valid until the evening of 13th November, 1959. Weather will be dry over the country.

Karachi-11
The 12th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
		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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	3	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	35	39	40	41	42
Chittagong	Cox's Bazar	000	0	1	34	02	95	01	0	117	77	0	0	9	0	1	61	81	000	0	1	34	03	97	03	0	142	75	1	1	7	0	0	64	58	— 4	— 19	0	— 2.2	141.1	140
	Chittagong	000	0	0	34	02	xx	00	0	117	78	0	0	9	0	0	67	81	000	0	0	36	02	96	00	0	144	73	0	0	9	0	0	66	62	— 3	— 5	0	— 1.4	142.[illegible]	108
	Maijdee Court	000	9	0	36	02	xx	00	0	123	73	0	0	9	0	0	65	80	000	9	0	00	00	98	00	4	151	75	0	0	9	0	0	65	62	— 3	— 5	0	— 1.0	144.7	115
	Comilla	000	0	0	00	00	xx	02	0	123	75	0	0	9	0	0	62	81	000	0	0	00	00	97	00	0	149	73	0	0	9	0	0	61	62	— 4	— 3	0	— 0.8	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	122	74	0	0	9	0	0	66	81	0"0	0	1	36	02	97	03	0	156	76	1	1	5	0	0	61	64	—	—	0	— 0.8	85.2	76
	Sylhet	000	0	1	00	00	xx	01	0	118	70	1	1	6	0	0	62	81	000	0	1	09	02	97	02	0	149	73	1	4	6	0	0	65	58	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	02	0	123	80	0	0	9	0	0	66	83	000	0	0	00	00	97	02	0	153	75	0	0	9	0	0	63	56	— 4	— 5	0	— 1.0	109.4	[illegible]
Dacca	Mymensingh	000	0	0	00	00	98	00	0	125	75	0	0	9	0	0	62	82	000	0	0	13	02	98	02	1	159	75	0	0	9	0	0	64	66	— 1	— 0	0	— 0.6	113.3	91
	Narayanganj	000	0	3	00	00	xx	01	0	117	77	1	0	9	3	0	62	82	000	9	1	09	02	96	01	0	155	79	1	4	4	0	0	59	65	— 2	— 2	0	— 0.7	103.9	74
	Dacca (Tezgaon)	000	0	1	00	00	98	03	0	116	73	1	1	5	4	0	63	80	000	0	1	00	00	97	02	0	148	73	1	0	9	4	0	61	60	—	—	0	—	103.6	—
	Faridpur	000	8	0	36	02	95	00	0	116	76	0	0	9	0	0	69	80	000	9	0	00	00	95	05	0	156	75	0	0	9	0	0	64	62	— 2	— 3	0	— 0.8	116.6	71
	Barisal	000	0	0	00	00	95	02	0	xxx	xx	0	0	9	0	0	65	81	000	0	0	00	00	97	02	1	148	73	0	0	9	0	0	61	64	— 2	— 2	0	— 1.0	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	122	77	0	0	9	0	0	63	85	000	0	0	00	00	97	00	0	152	75	0	0	9	0	0	64	64	+ 2	— 1	0	— 0.7	10.28	68
	Satkhira	000	0	0	00	00	98	00	0	125	75	0	0	9	0	0	60	82	000	0	0	00	00	98	00	0	154	74	0	0	9	0	0	61	62	— 3	— 1	0	— 0.5	82.1	65
	Jessore	000	0	0	00	00	97	0[illegible]	0	116	80	0	0	9	0	0	58	82	000	0	0	36	02	97	00	0	158	76	0	0	9	0	0	67	61	—	—	0	— 0.7	105.8	65
	Sirajganj	000	0	3	00	00	92	03	0	013	73	0	0	9	0	1	66	83																		—					64
	Bogra	000	0	0	00	00	xx	00	0	119	74	0	0	9	0	0	60	80	000	0	0	36	03	96	02	0	154	73	0	0	9	0	0	63	63	— 2	0	0	— 0.7	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	110	74	0	0	9	0	0	61	83	000	0	0	00	00	96	00	0	141	72	0	0	9	0	0	62	61	0	— 1	0	— 0.2	66.9	72
	Rangpur	—	...	—	...	...	...	...		...							—	...	000	0	1	02	02	96	03	0	xxx	72	1	0	9	1	0	66	61		—	0	— 0.3	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	129	79	0	0	9	0	0	58	80	000	0	0	00	00	96	02	0	165	61	0	0	9	0	0	57	53	— 4	+ 6	1.1	+ 1.1	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	131	71	0	0	9	0	0	57	77	000	0	0	00	00	98	00	0	165	60	0	0	9	0	0	55	54	— 5	+ 4	3.1	+ 3.1	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	121	73	0	0	9	0	0	58	81	000	0	0	00	00	96	02	0	166	56	0	0	9	0	0	53	51	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	9	02	02	99	00	0	133	67	0	0	9	0	0	51	74	000	0	0	31	02	99	00	0	180	51	0	0	9	0	0	48	46	— 4	+ 2	3.2	+ 3.1	55.5	36
	Khushab	000	0	0	09	02	99	00	0	120	77	0	0	9	0	0	59	83	000	0	0	00	00	99	00	0	164	65	0	0	9	0	0	51	55	— 1	+ 4	1.1	+ 1.1	26.5	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	114	80	0	0	9	0	0	52	85	000	0	0	00	00	95	0[illegible]	0	174	56	0	0	9	[illegible]	8	54	56	+ 3	+ 7	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	121	78	0	0	9	0	0	51	84	000	0	0	00	00	96	00	0	159	55	0	0	9	0	0	48	51	— 1	— 1	0.1	+ 0.1	8.5	10
	Multan	000	0	0	00	00	98	02	0	148	78	0	0	9	0	0	54	84	000	0	0	00	00	97	02	0	162	61	0	0	9	0	0	52	56	0	+ 5	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	119	79	0	0	9		0	56	80	000	0	0	00	00	96	04	0	184	66	0	0	9	0	0	63	50	—	—	2.5	—	9.5	8
	Khanpur	000	0	0	00	00	96	02	0	117	66	0	0	9	0	0	57	89	000	0	0	00	00	[illegible]	02	[illegible]	159	65	0	0	9	0	0	49	53	+ 2	+ 2	0	0	1.4	6
	Bahawalpur	000	0	0	31	02	98	00	0	130	80	[illegible]	0	9	0	0	54	86	000	0	0	00	00	97	00	0	169	63	0	0	9	0	0	45	51		0	0.1	+ 0.1	6.6	6
	Fort Abbas																		000	0	0	00	00	98	09	0	143	62	0	0	9	0	0	46	52	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	23	02	97	00	0	109	65	0	0	9	0	0	46	73	000	0	0	00	00	98	00	0	165	50	0	0	9	0	0	49	46	—	—	5.4	—	31.9	—
	Peshawar	000	0	1	06	00	97	03	0	122	71	0	0	9	0	1	54	75	000	0	0	23	02	98	02	0	180	53	0	0	9	0	0	48	53	— 2	+ 1	5.0	+ 5.0	27.5	14
	Haripur	000	0	0	23	02	97	00	0	124	70	0	0	9	0	0	44	80	000	0	0	31	04	97	00	0	149	56	0	0	9	0	0	45	51	—	—	4.0	—	36.1	—
	Campbellpur	000	0	0	36	00	98	00	0	125	76	0	0	9	0	0	52	77	000	0	0	00	00	98	00	0	149	56	0	0	9	0	0	54	47	—	—	3.1	—	39.1	—
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	119	72	0	0	9	0	0	57	76	000	0	0	00	00	99	00	0	162	55	0	0	9	0	0	51	52	—	—	2.4	—	15.2	11
	D. I. Khan	000	0	6	00	00	98	00	0	114	[illegible]7	0	0	9	0	0	61	82	000	0	0	00	00	98	00	0	164	57	0	0	9	0	0	53	52	— 1	+ 3	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	0	0	23	02	99	00	0	12[illegible]	82	0	0	9	0	0	45	83	000	0	0	00	00	99	00	0	166	56	0	0	9	0	0	52	55	—	—	4.0	—	9.2	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	131	79	0	0	9	0	0	13	83	000*	0	0	34	02	99	02	0	201	55	0	0	9	0	0	29	51	—	—	0.5	—	1.6	2
	Turbat	000	0	0	09	02	98	00	0	124	91	0	0	9	0	0	52	92	000	0	0	09	02	96	00	0	163	65	0	0	9	0	0	38	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	0	16	03	97	02	0	127	85	0	0	9	0	0	47	88	000	0	2	36	02	97	03	0	151	49	2	0	9	3	0	46	68	—	—	0.8	—	7.5	4
	Pasni	000	0	2	16	05	97	00	0	116	84	2	0	9	7	0	48	89	000	0	5	00	00	98	02	1	155	67	0	0	9	0	8	47	58	—	—	0.3	+ 0.3	3.4	6
	Ormara	000	0	0	27	03	96	00	0	118	83	0	0	9	0	0	60	89	000	0	2	00	00	98	01	0	154	64	0	0	9	0	1	59	61	+ 3	— 2	2.7	+ 2.7	6.8	6
	Las Bela	000	0	0	00	xx	98	00	0	114	8[illegible]	0	0	9	0	0	75	96	000	0	0	00	00	98	00	0	168	68	0	0	9	0	0	50	55	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	10	98	01	1	116	84		0	9	0	1	75	86	000	0	6	02	05	97	03	1	154	68	0	0	9	0	4	62	65	0	— 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	6	23	03	97	03	0	116	82	0		9	0	6	55	89	000	0	6	00	00	97	03	0	154	61	0	0	9	0	2	50	57	—	—	3.3	—	26.1	—
	Badin	000	0	0	73	00	97	00	0	109	84	0	0	9	0	0	59	89	000	0	0	00	00	96	00	0	154	64	0	0	9	0	0	56	60	— 3	0	0.4	+ 0.4	11.5	9
	Nagarparkar	000	0	0	0[illegible]	00	98	00	0	105	89	0	0	9	0	0	67	90	000	0	0	00	00	98	00	0	144	61	0	0	9	0	0	64	77	—	—	0	—	30.5	—
	Umarkot	000	0	4	34	03	98	00	0	110	87	0	0	9	0	2	41	89	000	0	7	02	02	96	00	2	144	62	0	0	9	0	2	49	53	—	—	0.5	—	20.8	—
	Hyderabad	000	0	3	00	00	97	03	0	129	84	0	0	9	0	8	53	91	000	0	6	00	00	97	02	0	156	65	3	0	9	1	8	50	60	+ 1	— 1	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	34	03	98	01	0	119	83	0	0	9	0	1	46	86	000	0	1	00	00	96	01	0	161	56	0	0	9	0	1	52	51	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	36	02	97	02	0	126	85	0	0	9	0	0	41	88	000	0	5	00	00	96	03	1	163	67	0	0	9	0	6	49	52	—	—	0.3	—	7.5	—
	Sukkur	000	0	0	27	03	96	00	0	113	80	0	0	9	0	0	55	85	000	0	0	00	00	96	00	0	157	62	0	0	9	0	0	55	59	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	xx	00	99	00	0	111	83	0	0	9	0	0	68	85	000	0	0	00	00	99	0	0	156	64	0	0	9	0	0	51	59	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	27	03	98	02	0	128	85	0	0	9	0	0	47	86	000	0	1	00	00	98	03	0	159	61	0	0	9	0	1	50	57	— 1	+ 3	0.3	+ 0.3	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Jaisalmer																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	0	0	27	02	98	00	0	508	51	0	0	9	0	0	39	57	000	0	0	00	00	99	00	0	531	46	0	0	9	0	0	30	41	— 1	— 1	4.2	+ 4.0	82.6	59
Peshawar	Drosh	000	0	0	13	05	98	02	0	503	57	0	0	9	0	0	23	66	000	0	0	00	00	98	02	0	554	43	0	0	9	0	0	29	42	+ 1	— 2	3.1	—	33.8	18
	Cherat	000	0	0	13	03	98	00	0	514	61	0	0	9	0	0	52	67	000	0	0	36	03	98	00	0	537	55	0	0	9	0	0	46	46	0	— 4	5.7	+ 5.5	37.1	29
	Kakul	000	8	0	16	03	99	01	1	506	60	0	0	9	0	0	xx	71	000	0	1	31	02	98	01	0	523	52	0	0	9	0	1	32	48	—	—	4.4	—	59.4	—
	Landi Kotal	000	0	0	00	00	99	00	0	495	60	0	0	9	0	0	35	69	000	0	0	00	00	99	00	0	509	49	0	0	9	0	0	38	40	—	—	3.9	—	22.8	—
D. I. Khan	Parachinar	000	0	0	13	02	99	00	0	801	68	0	0	9	0	0	25	xx	000	0	0	00	00	99	00	0	800	45	0	0	9	0	0	24	xx	—	—	5.3	—	33.4	29
	Miranshah	000	0	0	00	00	99	00	0	484	68	0	0	9	0	0	41	72	000	0	0	00	00	99	00	0	498	49	0	0	9	0	0	38	45	—	—	1.1	+ 1.1	8.1	13
	Wana	000	0	0	11	03	99	00	0	473	66	0	0	9	0	0	27	69	000	0	0	00	00	99	00	0	515	42	0	0	9	0	0	37	39	—	—	1.1	—	15.2	—
	Fort Sandeman	000	0	0	00	00	98	02	0	507	71	0	0	9	0	0	30	72	000	0	0	00	00	98	02	0	549	48	0	0	9	0	0	33	44	— 1	+ 2	4.7	+ 4.7	20.7	11
Quetta	Hindubagh	000	0	0	20	08	96	00	0	477	63	0	0	9	0	0	25	67	000	0	0	27	06	98	00	0	513	46	0	0	9	0	0	20	45	—	—	3.3	—	16.0	—
	Loralai	000	0	0	31	03	98	00	0	367	64	0	0	9	0	0	31	73	000	0	0	31	02	98	00	0	342	43	0	0	9	0	0	26	42	—	—	4.3	—	17.3	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.8	18.7	14
	Quetta	000	0	0	00	00	96	00	0	514	61	0	0	9	0	0	49	62	000	0	0	00	00	94	00	0	525	47	0	0	9	0	0	34	36	—	—	1.8	+ 1.8	12.0	8
	Chaman	000	0	0	31	02	97	00	0	519	68	0	0	9	0	0	46	69	000	0	0	00	00	97	00	0	532	49	0	0	9	0	0	29	46	0	+ 3	0.4	+ 0.4	6.7	7
Kalat	Kalat	000	0	0	34	08	98	00	0	522	55	0	0	9	0	0	25	60	000	0	0	16	09	97	00	0	559	37	0	0	9	0	0	27	29	— 4	— 2	1.1	+ 1.1	12.1	9
	Nushki	000	0	0	31	05	98	02	0	597	72	0	0	9	0	0	23	73	000	0	0	09	05	98	02	0	593	59	0	0	9	0	0	18	55	—	—	0.6	—	3.9	—
	Dalbandin	000	0	0	05	03	98	02	0	529	74	0	0	9	0	0	32	76	000	0	0	05	02	98	02	0	514	43	0	0	9	0	0	26	40	— 3	— 2	0.2	+ 0.2	2.4	5
Afghanistan	Panjgur	000	0	0	36	03	98	00	0	523	73	0	0	9	0	0	26	73	000	0	0	05	02	98	00	0	519	48	0	0	9	0	0	24	44	—	—	0.1	—	4.2	4
	Kabul	000	0	0	27	02	99	00	0	592	58	0	0	9	0	0	35	62	000	0	0	18	02	99	00	0	584	47	0	0	9	0	0	40	31	—	—	—	—	—	—
	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 omitt*
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 NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	0 $T_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Pakistan Prosperity	43 216	685 00	0 05 09	97 02 0	101 75	00 9 00				
Clanmaclay	43 171	638 00	4 04 14	98 01 2	094 80	25 5 01	23 61 1	—	0 00 76	1 04 32
Alvelos	43 166	544 00	0 07 16	98 02 0	071 77	00 9 00	15 61 3	...	0 54 72	1 07 x1
Kampala	43 236	665 06	3 35 06	99 03 0	154 79	30 9 20	56 11 0	—	0 02 63	1 62 00
Elbomaru	43 202	640 06	2 09 13	98 01 1	145 79	00 9 04	75 21 5	—	0 00 70	1 03 40
Clanmaclay	43 173	654 06	3 04 18	98 01 2	125 82	12 4 85	25 11 2	...	0 01 73	1 04 24
Scottish Eagle	43 232	595 06	1 00 00	99 02 0	192 82	11 5 00	35 21 2	...	0 52 71	1 32 24
Caledonia	43 233	677 06	4 36 09	98 01 2	146 76	00 9 08	76 61 0	—	0 53 59	1 36 x1
Scottish Eagle	43 222	601 12	3 34 11	99 02 0	157 82	00 9 00	45 31 0	—	0 52 69	1 34 22
Kampala	43 123	655 12	2 35 05	99 02 0	122 79	29 9 20	56 11 0	..	0 01 72	1 36 20
Isidora	43 165	540 18	1 45 12	99 02 0	131 79	20 x 02	66 21 1	.	1 31 79	1 45 22
Dumra	43 250	576 18	0 25 02	99 02 0	146 77	00 9 00	75 21 2	..	0 55 66	1 25 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	012 182 145	110 215 152	—	496 122 072	..	122 105 992	366 022 832	833 572 995	528 678 998	963 820	237 025	417 170	656 2[illegible]
Jiwani	...													
Karachi	00 00	011 155 125	115 175 128	..	560 178 999	.	144 090 990	406 022 995	855 508 995	559 678 995	964 828	..	..	...
Lahore	...	..	...	..	...	...	...	..	...	..	...			
Multan	...													
Peshawar	00 00	973 122 038	...	—	490 142 068	..	108 042 518	346 525 638	752 645 995	410 730 910	944 902	—	—	...
Quetta	...													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	900 142 102	—	—	—	—	—	—	—	—	900 142 102	—	—
Jiwani	...												
Karachi	00 00	—	..	..	..	—	—	—	—	—	300 828 995	—	—
Lahore	...	...		...	..	..		..	..	..	..	..	..
Multan	...												
Peshawar	00 00	900 165 115	800 092 518	350 812 995	250 098 990	—	—	—	—	..	250 980 990	—	—
Quetta	...												

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

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

UPPER WIND DATA*

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

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	03 05	03 06	03 05	02 09	28 04		—	..	—
Chaklala		04 09	29 04	33 06	30 08	27 05			
Chhor	02 02	01 03	01 03	04 03	30 05	29 08	26 15	29 13	28 19
Chittagong	32 13	35 07	05 06	17 07	—		—	..	—
Cox's Bazar	35 12	35 06	09 02	22 05	28 04	27 09	—	—	—
Dacca	32 10	32 08	32 08	32 09	32 08	30 20	28 27	28 37	28 37
Dalbandin	—	—	08 08	08 06	03 06	34 19	32 21	28 13	28 17
D. I. Khan		—	—	—	—	—	—		—
Drosh	—	—	—	—	21 01	20 03	23 06	19 11	18 13
Fort Sandeman	—		—	30 04	30 06	30 11	30 28	28 37	28 41
Jacobabad	28 04	31 08	32 01	32 04	27 09	26 09	34 15	30 18	28 18
Jessore	31 08	32 08	32 11	33 05	30 11	29 17			—
Jhelum	24 02	29 07	29 09	30 11	30 10	30 05	27 21	27 35	27 40
Jiwani	No	Ascent	—	—	—		—	—	
Karachi	27 04	01 08	02 10	03 08	32 10	28 10	29 21	27 27	27 16
Khanpur	34 03	21 03	16 03	09 03	27 06	28 03	29 16	29 21	27 31
Lahore	22 04	23 10	29 11	24 12	—				—
Multan	21 07	21 07	21 06	22 05	24 09	28 10	28 18	27 21	29 24
Muscat	—	—	—	—	—	—			—
Panjgur	—	—	—	—	—	—	—		
Peshawar	—	18 01	15 02	23 00	30 16	29 19	31 16	31 25	30 37
Quetta	—	—	—	—	31 11	33 11	31 19	29 23	28 21
Sharjah	—						—	...	...
Sylhet	05 02	04 01	02 02	02 07	12 04	27 13	—	..	..
Walton	—	—	—	—	—	—	—	—	—

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

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	34 11	35 10	01 06	06 04	04 05			—	—	..	—
Chaklala	—	20 01	29 03	29 06	30 05	23 35	27 58	..	—	—	—
Chhor											..
Chittagong	35 03	16 02	18 04	22 07	33 09	27 15	28 19	27 27	27 27	26 27	
Cox's Bazar	25 04	07 04	16 08	18 09	21 07	27 08	29 14	28 13	27 23		
Dacca	02 08	01 07	01 09	03 09	35 05	29 40	27 29	27 33		—	26 32
Dalbandin	—	—	08 05	06 10	32 07	35 17	33 15	32 31	31 23	29 34	28 37
D. I. Khan	—	—	—	—							
Drosh	—	—	—	—	02 03	36 13	36 05	01 09	03 08	38 04	27 30
Fort Sandeman	..	—	—	24 04	29 05	29 05	38 21	28 27	28 31	28 41	29 64
Jacobabad	19 02	23 03	24 04	33 04	01 05	35 07	30 15	29 20	31 20	30 29	28 41
Jessore	36 06	01 10	03 12	25 09	32 11	28 18	38 26				
Jhelum	33 03	29 06	29 08	29 06	38 06	34 09	29 18	27 23	27 29	27 35	29 47
Jiwani	No	Ascent						...	—		—
Karachi	34 12	28 02	35 04	04 11	06 07	02 10	33 05				—
Khanpur	17 04	17 06	23 08	24 11	23 07	36 04	33 15	21 17	29 23	26 19	—
Lahore	25 02	30 03	29 08	29 12	31 09	36 07	29 17	47 22	28 19	27 34	..
Multan	—	—		—	...	—	—	...	..	...	..
Muscat	—	—	...			...	...	...		...	—
Panjgur	—										—
Peshawar	...	36 04	28 02	32 09	30 14	27 12	28 21	29 29	28 38	28 37	—
Quetta		—	...	.	31 02	33 10	31 17	30 23	29 25	...	—
Sharjah									—	..	
Sylhet	04 04	08 04	14 06	16 08	05 04	27 13	27 33	27 38	..	..	..
Walton	—	—		—			...				..

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. a.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.?	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	34 02	01 02	01 03	05 13	32 03	27 19	28 33	28 37	29 34	47 45	26 38	28 74	28 67	83 72	28 83	25 91	27 48	..
Karachi	02 05	24 03	02 02	03 15	07 07	35 11	29 16	39 16	25 19	28 31	29 42	28 48	28 43	—	..	—	—	..
Peshawar	—	29 11	29 08	32 09	32 18	31 16	33 34	29 25	31 27	29 58	31 84	81 37	19 80	—	—	—	—	—
Quetta	...																	

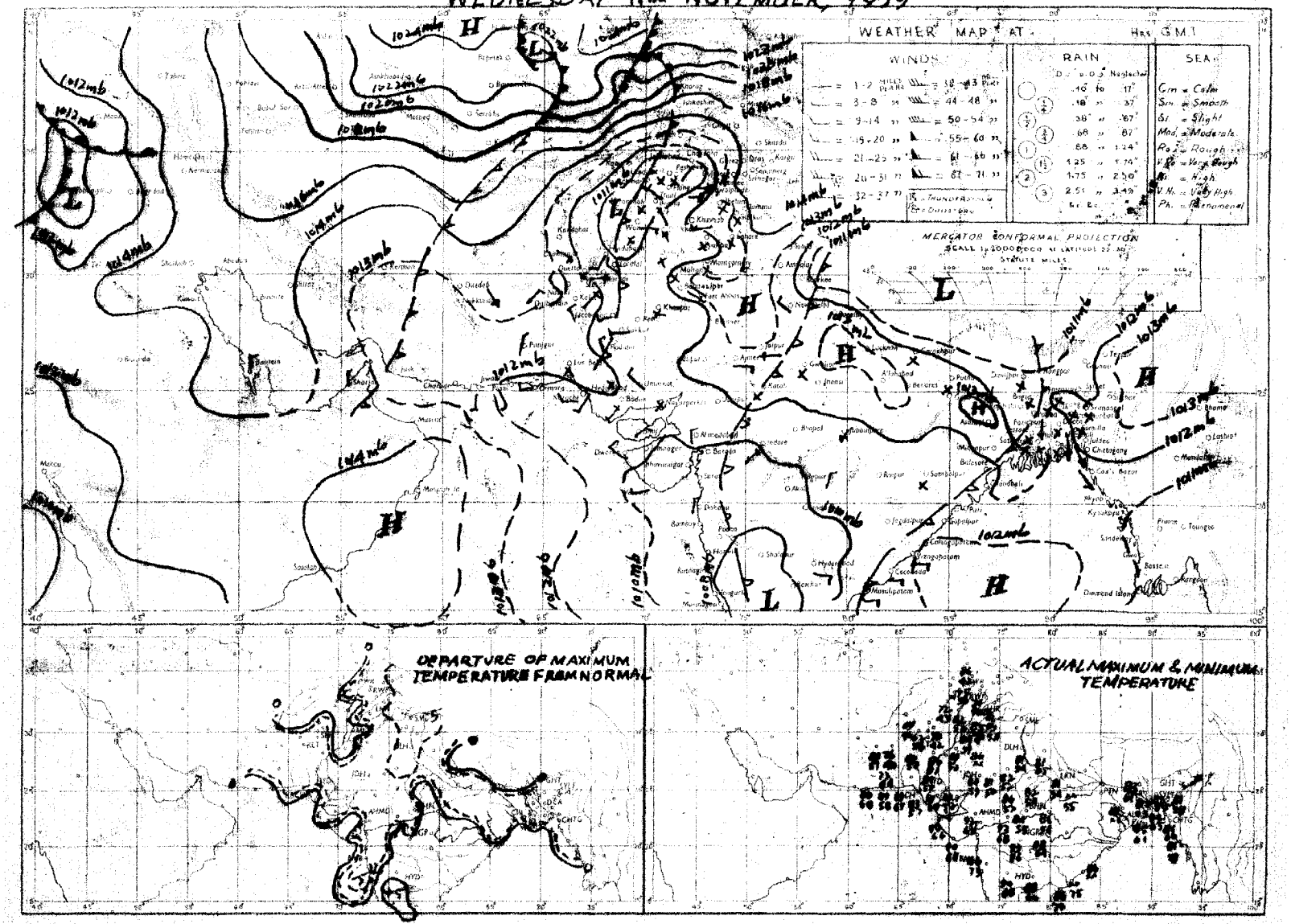
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th NOVEMBER, 1959



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

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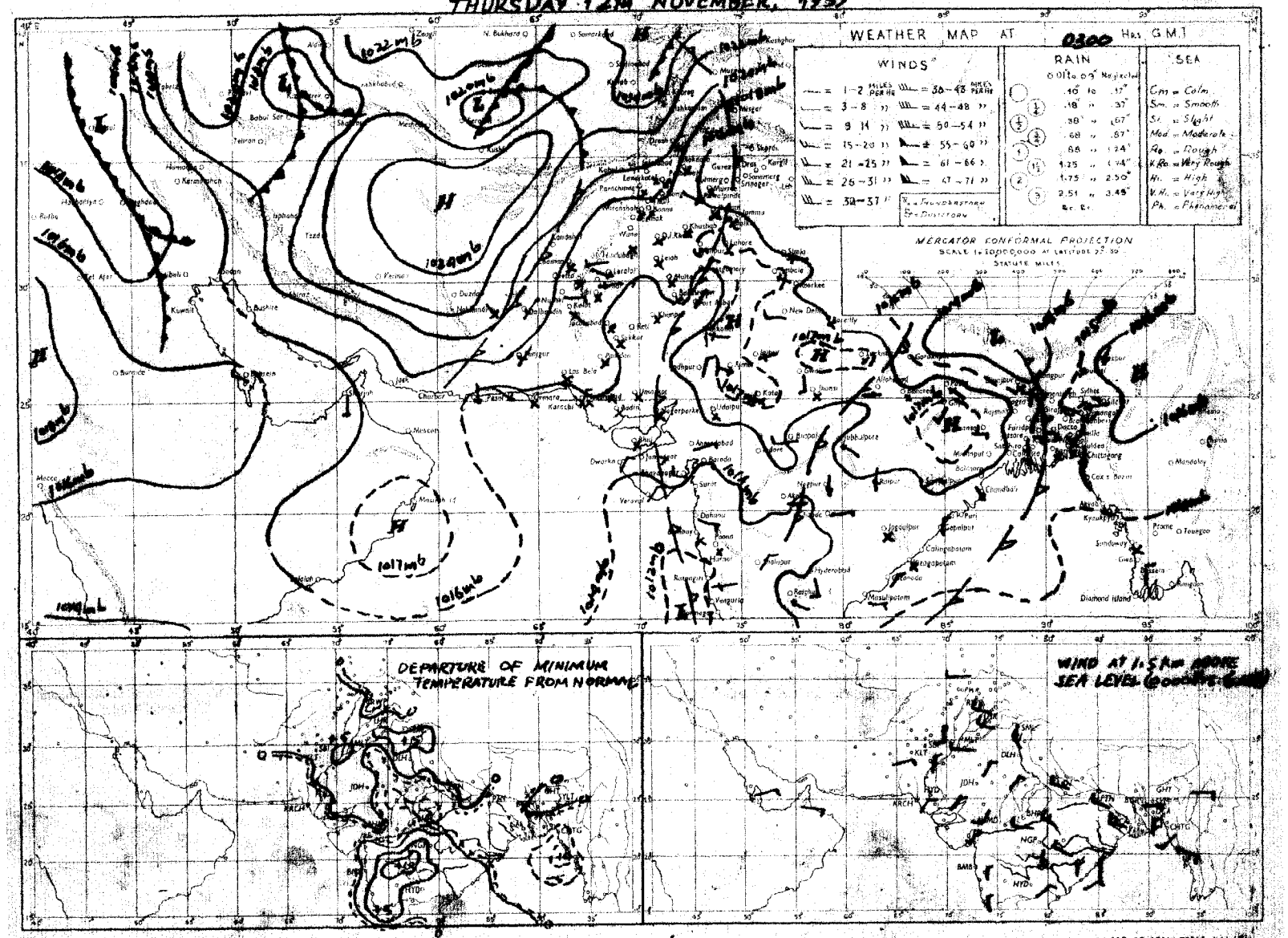
PAKISTAN DAILY WEATHER MAP

THURSDAY 12th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 13th DECEMBER, 1959.

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

Yesterday's western disturbance over northwest Afghanistan is now moving across Russian Turkistan with its trough extending to Kalat division.

Scattered light drizzle has been reported from south Kalat division.

Weather remained dry in East Pakistan.

Night temperatures were 3—5°F above normal in East Pakistan and in Kalat, Khairpur, Bahawalpur, Multan and Lahore divisions and were 3—5°F below normal in Peshawar, Rawalpindi divisions and the Federal Capital Area.

Forecast valid until the evening of 14th December, 1959. Scattered rain/drizzle will fall in Kalat, Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir. A few falls of snow are also likely over the hills in West Pakistan and Kashmir.

Karachi-11
The 13th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	As 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 (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	29	02	94	01	0	126	73	0	0	9	0	0	67	80	000	0	3	34	03	97	03	0	146	71	0	0	9	0	0	63	63	0	+ 4	0.4	— 3.4	141.5	140
	Chittagong	000	0	0	34	05	xx	00	0	128	72	0	0	9	0	0	62	81	000	0	0	02	09	96	00	0	157	71	0	0	9	0	0	62	60	+ 2	+ 2	1.4	— 1.3	143.3	108
	Maijdee Court	000	9	0	00	00	xx	10	0	132	70	0	0	9	0	0	63	79	000	9	0	00	00	98	00	0	153	67	0	0	9	0	0	60	xx	+ 1	x	0	— 1.9	144.7	115
	Comilla	000	0	0	00	00	xx	00	0	139	70	0	0	9	0	0	62	80	000	0	0	00	00	97	00	0	142	70	0	0	9	0	0	62	57	+ 1	+ 2	0.1	— 1.5	107.8	94
	Brahmanberia	000	0	0	00	00	xx	02	0	126	71	0	0	9	0	0	61	81	000	0	0	09	03	97	02	0	153	66	0	0	9	0	0	63	59	—	—	0	— 1.7	85.2	76
	Sylhet	000	0	0	00	00	xx	00	0	125	71	0	0	9	0	0	65	83	000	0	0	00	00	96	00	0	155	66	0	0	3	0	0	62	55	—	—	0	—	193.9	—
	Srimangal																																		50	+ 2	+ 1	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	132	73	0	0	9	0	0	60	81	000	0	0	13	02	97	00	0	160	64	0	0	9	0	0	59	56	+ 4	+ 1	0	— 0.9	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	4	129	71	0	0	9	0	0	59	82	000	9	0	00	00	96	10	4	152	68	0	0	9	0	0	61	59	+ 4	+ 2	0	— 1.1	103.9	74
	Dacca (Tezgaon)	000	0	0	31	02	97	02	0	127	70	0	0	9	0	0	59	79	000	9	0	36	05	97	02	0	152	66	0	0	9	0	0	61	55	—	—	0	—	103.6	—
	Faridpur	000	8	0	00	00	95	05	0	131	70	0	0	9	0	0	60	77	000	9	0	34	03	94	10	0	157	78	0	0	9	0	0	58	58	+ 1	+ 3	0	— 1.2	116.6	71
	Barisal																		000	0	0	00	00	97	00	4	156	66	0	0	9	0	0	62	60		+ 4	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	136	74	0	0	9	0	0	63	86	000	0	0	00	00	97	00	0	166	72	0	0	9	0	0	60	61	+ 2	+ 6	0	— 1.2	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	137	71	0	0	9	0	0	58	79	000	0	0	36	02	98	00	0	168	67	0	0	9	0	0	55	58	+ 1	+ 5	0	— 1.8	82.1	65
	Jessore	000	0	0	31	02	97	00	0	133	72	0	0	9	0	0	59	79	000	0	0	00	00	98	00	0	160	64	0	0	9	0	0	59	58	+ 1	+ 4	0	— 1.1	105.8	65
	Sirajganj	000	0	0	00	00	90	00	0	122	68	0	0	9	0	0	68	81	000	0	0	00	00	98	00	0	159	67	0	0	9	0	0	64	58	+ 4	+ 3	0	— 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	129	69	0	0	9	0	0	61	78	000	0	0	36	02	96	02	0	159	67	0	0	9	0	0	59	59	+ 1	+ 4	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	02	0	131	72	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	157	65	0	0	9	0	0	56	54	+ 3	+ 3	0	— 0.4	66.9	72
	Rangpur	000			00	00	xx	02	0	xx	71	0	0	9	0	0	59	78	000	0	0	09	02	96	01	0	xxx	65	0	0	9	0	0	60	55	+ 2	+ 3	0	— 0.5	92.4	84
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	02	1	179	61	2	0	9	3	6	49	70	000	0	7	02	02	96	01	2	191	54	2	5	7	7	0	43	44	— 3	+ 4	1.1	+ 0.9	27.1	19
	Sialkot	000		1	00	00	98	01	0	171	64	0	0	9	0	3	50	67	000	0	0	00	00	96	00	0	192	52	0	0	9	0	0	41	46	— 1	+ 4	3.1	+ 2.8	61.8	32
Rawalpindi	Jhelum	000	0	3	00	00	96	02	0	177	60	1	0	9	3	1	47	67	000	0	3	27	03	97	02	0	207	47	3	0	9	3	0	39	40	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	4	00	00	99	02	1	179	59	0	0	9	0	8	49	67	000	0	0	00	00	98	00	0	231	48	0	0	9	0	0	36	36	— 1	— 1	3.6	+ 3.0	55.9	36
	Khushab	000		0	00	00	99	00	0	182	65	0	0	9	0	0	45	70	000	0	0	00	00	99	00	0	203	42	0	0	9	0	0	39	39	— 3	— 3	1.1	+ 0.9	23.5	15
Multan	Lyallpur	000	0	6	25	02	96	02	0	182	66	x	x	x	x	x	43	69	000	0	5	36	02	95	02	0	202	47	5	0	9	4	0	44	42	— 1	+ 1	0.4	+ 0.2	18.6	12
	Montgomery	000	0	4	05	02	96	02	1	167	66	0	0	9	0	1	44	69	000	0	0	05	03	96	00	0	185	52	6	0	9	6	0	45	44	— 4	+ 1	0.1	0	8.5	10
	Multan	000	0	6	00	00	97	02	1	168	67	0	0	9	0	2	40	69	000	0	2	36	03	96	02	0	201	47	0	0	9	0	1	40	46	— 3	+ 3	0.1	0	8.3	7
Bahawalpur	Leish	000	0	0	00	00	96	05	1	165	66	0	0	9	0	0	43	68	000	0	0	36	04	98	04	0	213	44	0	0	9	0	0	39	39	—	—	2.5	—	7.0	8
	Khanpur	000	0	2	35	02	96	03	0	157	69	2	0	9	4	0	48	72	000	0	0	34	03	96	03	0	195	49	1	0	9	1	0	45	47	— 4	+ 3	0	— 0.1	1.4	6
	Bahawalpur	000	7	3	05	02	97	02	0	170	69	0	0	9	0	5	43	71	000	0	0	05	03	98	00	0	193	53	0	0	9	0	0	43	49	— 3	+ 6	0.1	0	6.6	6
	Fort Abbas	000	0	3	02	05	98	01	0	152	67	1	0	9	3	1	xx	71	000	0	7	02	07	96	05	0	175	53	0	0	9	3	4	49	71	—	+	1.0	—	10.2	4
Peshawar	Chakdara	000	0	6	00	00	96	01	1	205	60	6	0	8	7	0	40	63	000	0	0	00	00	97	00	0	278	36	6	0	9	0	0	31	35	—	—	5.7	—	32.1	—
	Peshawar	000	0	6	00	00	95	05	0	162	60	1	0	9	3	4	42	67	000	0	1	36	05	96	05	0	229	41	0	0	9	0	1	32	39	— 0	— 2	5.0	+ 4.5	28.5	14
	Haripur	000	3	5	13	04	97	03	1	151	62	0	0	9	0	7	46	71	000	3	5	32	04	97	03	2	281	42	5	0	9	0	9	31	39	—	—	4.5	—	35.7	—
	Campbellpur	000	0	2	23	09	98	02	0	211	62	0	0	9	0	8	37	67	000	0	0	09	00	98	00	0	256	41	0	0	9	0	0	35	39	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	4	4	00	00	99	02	0	162	69	0	0	9	0	3	43	66	000	0	0	00	00	99	00	0	212	46	0	0	9	0	0	32	41	—	—	2.5	—	15.4	11
	D. I. Khan	000	6	0	00	00	98	00	0	170	64	0	0	9	0	0	54	71	000	0	0	00	00	98	00	0	213	47	0	0	9	0	0	43	41	— 2	— 0	1.7	+ 1.5	16.4	10
Quetta	Sibi	000	0	0	18	02	99	00	0	163	73	0	0	9	0	0	38	74	000	0	0	00	00	98	00	0	209	45	0	0	9	0	0	39	44	—	—	4.1	—	9.3	5
	Nokkundi	000	0	0	11	02	99	00	0	153	66	0	0	9	0	0	27	68	000	0	0	09	02	98	00	0	291	50	0	0	9	0	0	28	40	—	—	0.7	—	1.8	2
	Turbat	000	0	0	23	03	98	00	0	158	78	0	0	9	0	0	49	62	000	0	0	13	02	97	00	0	168	60	0	0	9	0	0	14	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	2	23	05	97	01	5	147	75	2	0	6	0	0	57	77	000	9	6	02	02	97	03	5	176	67	2	5	5	4	0	60	63	—	—	1.1	—	7.7	4
	Pasni	000	0	7	18	05	98	02	2	144	75	3	0	9	7	8	59	79	000	0	7	27	03	98	51	0	169	65	7	7	7	0	0	45	61	+ 2	+ 4	0.3	— 0.3	13.4	6
	Ormara	000	0	6	27	03	98	02	1	159	77	6	0	9	2	0	64	80	000	0	6	00	00	98	02	1	177	65	6	2	5	0	0	62	58	—	—	2.7	—	6.8	6
	Las Bela	000	0	0	xx	xx	98	00	0	148	80	0	0	9	0	0	41	63	000	0	0	00	00	98	00	0	169	60	0	0	9	0	0	38	48	—	—	0.4	—	7.3	8
Karachi Federal Areas Hyderabad	Karachi (Manora)	000	0	5	27	05	96	03	2	142	79	0	0	9	0	4	66	82	000	0	4	05	10	95	05	1	189	57	0	0	9	0	1	40	55	+ 3	— 5	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	7	00	00	97	02	1	139	77	0	0	9	0	6	45	79	000	0	4	00	00	96	01	2	184	53	0	0	9	0	6	42	49	—	—	5.3	—	26.1	—
	Badin	000	0	0	23	02	97	00	0	129	75	0	0	9	0	0	41	80	000	0	0	33	02	96	00	0	175	60	0	0	9	0	0	44	49	— 1	— 2	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	168	80	0	0	9	0	0	46	82	000	0	0	00	00	98	00	0	162	67	0	0	9	0	0	48	62	—	—	0	—	30.5	—
	Umarkot	000	0	7	24	10	98	02	2	119	79	0	0	9	0	2	44	81	000	0	7	36	05	98	00	0	172	51	0	0	9	0	2	42	47	—	—	0.5	—	20.8	—
	Hyderabad	000	0	7	36	05	97	03	2	147	72	1	0	9	3	8	42	76	000	0	4	36	03	97	03	0	184	55	3	0	9	2	1	41	53	— 3	+ 1	0.5	+ 0.5	19.6	7
Khairpur	Pad-i-dan	000	0	1	34	07	97	01	0	150	71	0	0	9	0	1	42	74	000	0	4	00	00	96	03	0	201	46	0	0	9	0	0	41	45	—	—	0.3	—	7.9	—
	Nawabshah	000	0	7	31	03	97	03	1	156	71	0	0	9	0	6	49	73	000	0	4	00	00	97	02	2	168	47	0	0	9	0	8	40	45	—	—	0.3	—	7.5	—
	Sukkur	000	0	1	07	02	96	01	0	151	70	0	0	9	0	3	40	72	000	9	3	05	02	96	03	1	153	50	0	0	9	0	3	42	45	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	155	67	0	0	9	0	0	34	72	000	0	0	xx	xx	99	00	0	200	36	0	0	9	0	0	35	43	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	31	02	98	02	0	161	70	0	0	9	0	0	46	74	000	0	1	31	02	98	02	0	202	49	0	0	9	0	1	41	49	— 1	+ 3	0.3	+ 0.2	4.7	4
Junagadh	Veraval																																									20
Afghanistan	Jalalabad																																									—
Arabia	Muscat																																									4
	Kuwait																																									—
Kashmir	HILL STATIONS																																									
	Srinagar *																																									26
	Gulmarg **																																									—
	Sonamarg **																																									71
	Dras **																																									24
	Leh **																																									3
	Skardu *																																									6
	Misgar **																																									—
	Aliabad *																																									—
	Gilgit *																																									—
Rawalpindi	Murree *	000	9	5	11	19	97	02	1	519	39	4	0	9	5	4	16	47	000	9	0	13	13	98	00	1	539	39	0	0	9	0	0	28	33	— 2	— 2	5.9	+ 4.7	84.4	5
Peshawar	Drosh *	000	8	5	13	05	97	03	2	524	46	3	0	9	3	1	33	52	000	9	0	00	00	97	02	0	561	34	0	0	9	0	0	20	34	— 0	— 1	4.6	—	35.3	59
	Chitral *	000	0	3	23	05	98	03	0	519	51	0	0	9	0	8	38	59	000	0	0	36	03	98	00	0	557	44	0	0	9	0	0	29	37	+ 4	— 6	6.0	+ 5.1	37.4	18
	Kakul *	000	8	4	16	03	96	05	1	509	50	2	1	7	0	1	31	60	000	2	2	09	07	97	01	0	558	41	1	1	7	0	1	28	39	—	—	4.9	—	60.1	29
	Landi Kotal *	000	0	4	00	00	98	03	0	520	53	0	0	9	0	8	27	53	000	0	1	00	00	99	03	0	554	35	0	0	9	0	0	23	30	—	—	3.9	—	32.8	—
D. I. Khan	Parachinar *	000	0	1	03	03	98	02	0	514	48	1	0	8	1	0	18	56	000	0	2	36	02	98	00	0	531	33	0	0	8	0	1	22	30	— 1	—	6.0	—	34.0	—
	Miranshah *	000	0	0	00	00	99	00	0	513	58	0	0	9	0	0	27	62	000	0	0	00	00	99	00	0	543	38	0	0	9	0	0	24	34	—	—	1.1	+ 0.9	8.1	29
	Wana *	000	0	0	18	03	99	00	0	409	53	0	0	9	0	0	29	58	000	0	0	00	00	99	00	0	520	39	0	0	9	0	0	23	30	—	—	1.2	—	15.3	13
Quetta	Fort Sandeman *	000	0	1	00	00	98	01	0	469	57	0	0	9	0	3	21	59	000	0	0	00	00	98	00	0	527	39	0	0	9	0	0	23	27	+ 1	— 7	5.0	+ 4.7	21.0	11
	Hindubagh *	000	0	0	07	03	98	00	0	564	50	0	0	9	0	0	22	54	000	0	0	27	04	98	00	0	529	35	0	0	9	0	0	20	24	—	—	4.7	—	17.7	—
	Loralai *	000	0	2	35	02	97	01	1	478	54	2	3	8	0	0	19	57	000	0	0	23	02	98	00	0	545	32	0	0	8	0	0	23	31	—	—	3.6	—	16.2	—
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	x	—	—	5.9	+ 3.5	18.7	—
	Quetta *	000	0	1	34	05	99	02	0	560	51	1	5	7	0	0	33	53	000	0	0	18	03	96	00	0	579	39	0	0	9	0	0	23	23	—	—	2.3	+ 1.6	12.6	14
Kalat	Chamen *	000	0	0	27	02	97	00	0	459	56	0	0	9	0	0	13	58	000	0	0	15	01	97	00	0	522	39	0	0	9	0	0	17	38	+ 1	+ 1	1.5	+ 0.5	7.8	8
	Kalat *	000	0	0	28	02	97	00	0	500	49	0	0	9	0	0	31	54	000	0	0	18	05	98	00	0	541	31	0	0	9	0	0	29	38	— 1	+ 2	1.7	+ 1.1	12.6	9
	Nushki *	000	0	0	31	05	98	02	0	576	60	0	0	9	0	0	31	62	000	0	5	05	05	98	03	0	574	50	5	0	9	2	0	28	43	—	—	0.7	—	3.7	—
Afghanistan	Dalbandin *	000	8	0	23	02	99	02	0	507	65	0	0	9	0	0	32	67	000	0	6	14	02	98	03	1	501	44	1	1	7	4	0	29	40	+ 4	+ 3	0.6	+ 0.3	2.8	5
	Panjgur *	000	0	0	27	02	98	00	0	508	65	0	0	9	0	0	29	65	000	0	8	05	02	98	03	5	511	48	0	0	9	6	0	37	43	— 0	+ 2	0.1	—	4.2	14
	Kabul *	000	0	3	27	02	99	02	0	547	46	3	2	8	0	0	37	51	000	0	2	00	00	99	03	0	554	30	3	1	8	0	0	25	25	—	—	—	—	—	—
	Kandahar *																																									

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 13th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV -- W	PPP TT	NhCLhCMCH	DsVs a PP	8 N, Ch, hs	O T, T, Td Td	Id-d-PH-
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isemaru	73 223	618 00	5 07 04	97 02 0	180 70	45 4 xx	35 21 0	...	0 54 68	1 08 20
Farsistan	73 253	575 06	5 00 00	99 02 1	189 73	21 7 30	36 12 0		0 02 54	1 00 xx
Tingumaru	73 216	620 06	2 36 05	99 02 0	191 79	21 3 30	36 20 6	...	0 04 75	
Isemaru	73 213	630 06	6 01 05	98 02 0	200 79	21 5 40	35 40 0	...	0 02 60	1 07 21
Victoria	73 186	513 06	0 10 06	98 00 0	194 73	00 9 00	16 10 0	—	0 54 55	1 10 xx
Woensdrecht	73 226	597 06	2 00 00	98 03 0	230 77	00 9 01	15 22 5	...	0 52 68	1 00 x0
Tingumaru	73 205	634 12	3 02 08	98 02 0	154 77	31 3 30	36 63 7		0 00 64	
Farsistan	73 240	585 12	6 00 00	99 02 2	159 74	12 7 30	35 61 0	...	0 02 57	1 00 xx
Victoria	73 196	596 12	0 05 03	98 00 0	193 75	00 9 00	16 10 0	—	0 52 59	1 05 xx
Dwarka	73 251	625 18	3 18 02	99 02 0	152 73	10 9 31	25 60 9	—	0 51 59	1 09 20
Victoria	73 208	614 18	0 05 05	98 00 0	198 73	00 9 00	16 10 0	...	0 56 55	1 05 xx
Isemaru	73 195	655 18	3 03 05	98 02 0	200 68	34 4 00	35 21 0	...	0 52 63	1 03 21
Alsayyada	73 168	717 18	0 35 09	98 02 9	213 68	00 9 00	74 00 8	...	0 51 xx	1 36 20
Tingumaru	73 194	647 18	4 03 07	98 03 0	176 75	41 3 00	36 20 1	...	0 02 64	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	092 165 105	108 185 125	..	150 148 999	..	311 085 999	437 048 999	583 550 999	754 670 999	963 830	—	..	..
Jiwani														
Karachi	00 00	014 118 022	139 135 032	.	150 092 532	..	309 048 595	432 522 662	575 608 775	743 715 999	949 838	221 040	401 135	..
Lahore														
Multan														
Peshawar	2[illegible] 00	978 062 012	—	—	150 098 502	...	310 512 622	431 612 742	568 682 999	731 768 999	933 925	1 3 072	—	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	935 155 092	—	..	..	..	..	..	—	..	935 155 092	—	—
Jiwani													
Karachi	00 00	970 165 035	900 132 005	800 055 555	740 025 588	712 048 582	—	—	—	—	712 048 382	—	—
Lahore													
Multan													
Peshawar	23 00	900 122 035	800 062 555	350 828 999	250 998 999	162 115 999	...	..	..	...	162 115 999	..	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	1	3	4	5	6	7	8	9	10
Bogra	35 06	34 07	34 08						
Chaklala		18 02	14 03	12 04	14 12	15 17	22 16		
Chhor	35 12	02 10	02 07	13 09	24 20	23 30	26 43	27 51	27 51
Chittagong	35 08	36 06	36 06	16 03	19 10				
Cox's Bazar	01 08	01 07	02 06	16 08	22 16				
Dacca	31 06	33 05	28 07	23 11	26 10	27 12	29 23	26 21	29 19
Dalbandin			25 01	18 04	20 03	20 06	26 29	26 40	26 42
D. I. Khan									
Drosh					03 04	20 07	14 06	13 17	
Fort Sandeman				27 03	28 01	17 04	25 24	25 32	25 36
Jacobabad	33 04	03 04	08 04	36 02	28 28	25 27	24 32		
Jessore	33 08	33 08	34 07	30 08	28 11	28 10			
Jhelum	11 01	13 06	13 05	13 09	12 11	17 11	23 18		
Jiwani	23 05	22 04	22 03	24 09	26 12	27 14	28 21	26 29	27 36
Karachi	36 05	02 05	02 05	03 05	04 05	26 30	25 42	24 42	25 45
Khanpur	01 09	03 10	02 04	22 07	18 12	24 22	24 27	25 25	24 23
Lahore	05 08	08 04	09 04	20 10	20 13	22 13	24 27	24 35	25 37
Multan	04 08	01 09	03 05	09 02	21 13	23 16	24 26	24 36	25 47
[illegible]									
Panjgur									
Peshawar		04 03	03 02	36 02	06 04	06 03	20 10	22 18	24 25
Quetta					32 07	21 11	26 20	26 38	26 45
Sharjah									
Sylhet	14 03	15 03	19 04	21 14	24 11	25 13			
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	36 07	36 12	01 16	01 09	31 11	27 19	26 26	26 20	27 20	..	...
Chaklala											
Chhor	02 11	01 16	01 15	01 14	35 07	24 25	25 35	24 35	24 41		
Chittagong	36 07	36 06	29 04	19 10	26 04	28 09	28 19	26 24	27 17	26 10	25 17
Cox's Bazar	26 12	01 03	22 03	18 08	32 04	28 12	28 12	29 23	26 25		
Dacca	29 03	31 02	31 03	31 12	29 15	27 19	26 31	26 22	27 20	26 27	25 32
Dalbandin			10 05	21 15	21 15						
D. I. Khan											
Drosh					04 02	11 01					
Fort Sandeman				04 02	02 05	09 03	25 18	26 26	26 35	24 51	25 81
Jacobabad	31 05	31 03	04 03	33 04	31 06	25 13	25 27	25 39	25 43		
Jessore	xx xx	xx xx	33 10	33 13	30 12	28 18	26 26	25 18	28 11		
Jhelum	32 01	34 09	27 04	17 05	19 06	19 16					
Jiwani											
Karachi	03 14	36 08	34 10	35 12	03 08	24 15	24 27	25 39	25 45	25 51	26 83
Khanpur	02 13	03 24	03 25	03 06	36 02	28 12	24 24	26 24	26 39		
Lahore	01 07	06 12	08 10	12 09	15 09	19 15					
Multan	01 15	01 24	01 26	04 07	09 07	19 05	24 29	23 25	24 31	25 39	25 58
[illegible]											
Panjgur											
Peshawar		31 03	33 10	35 09	05 08	09 10	23 13	22 11	25 11		
Quetta					19 07	24 09	23 22	25 27	26 26	25 51	
Sharjah											
Sylhet	10 04	07 08	08 08	19 12	22 15	6 17	26 30	25 39	27 30		
Veraval											

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

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

Height in g.p. Kms. a.s. l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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	32 16	36 19	36 19	06 33	28 21	26 20	27 04	27 34	28 30	28 35	27 50	26 39						
Karachi	36 07	34 06	30 06	34 06	01 04	27 09	24 29	25 46	25 53	25 56	25 75	25 86	74 00					
Peshawar	Missing																	
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 VsVs etc.)

11 571 02 425

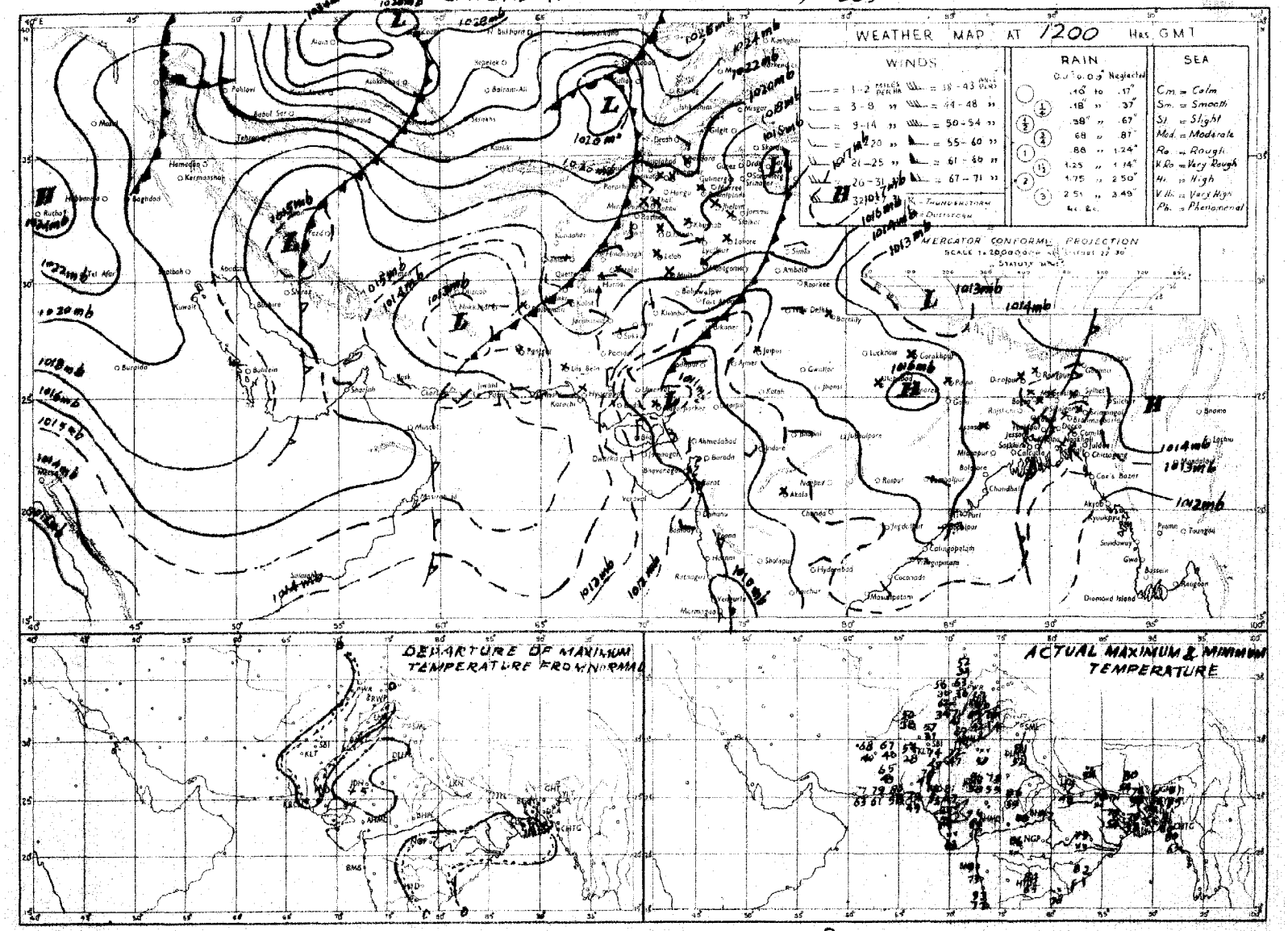
05 712 62 013

06 598 31 911

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

PAKISTAN DAILY WEATHER MAP

SATURDAY 12th DECEMBER, 1959.



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

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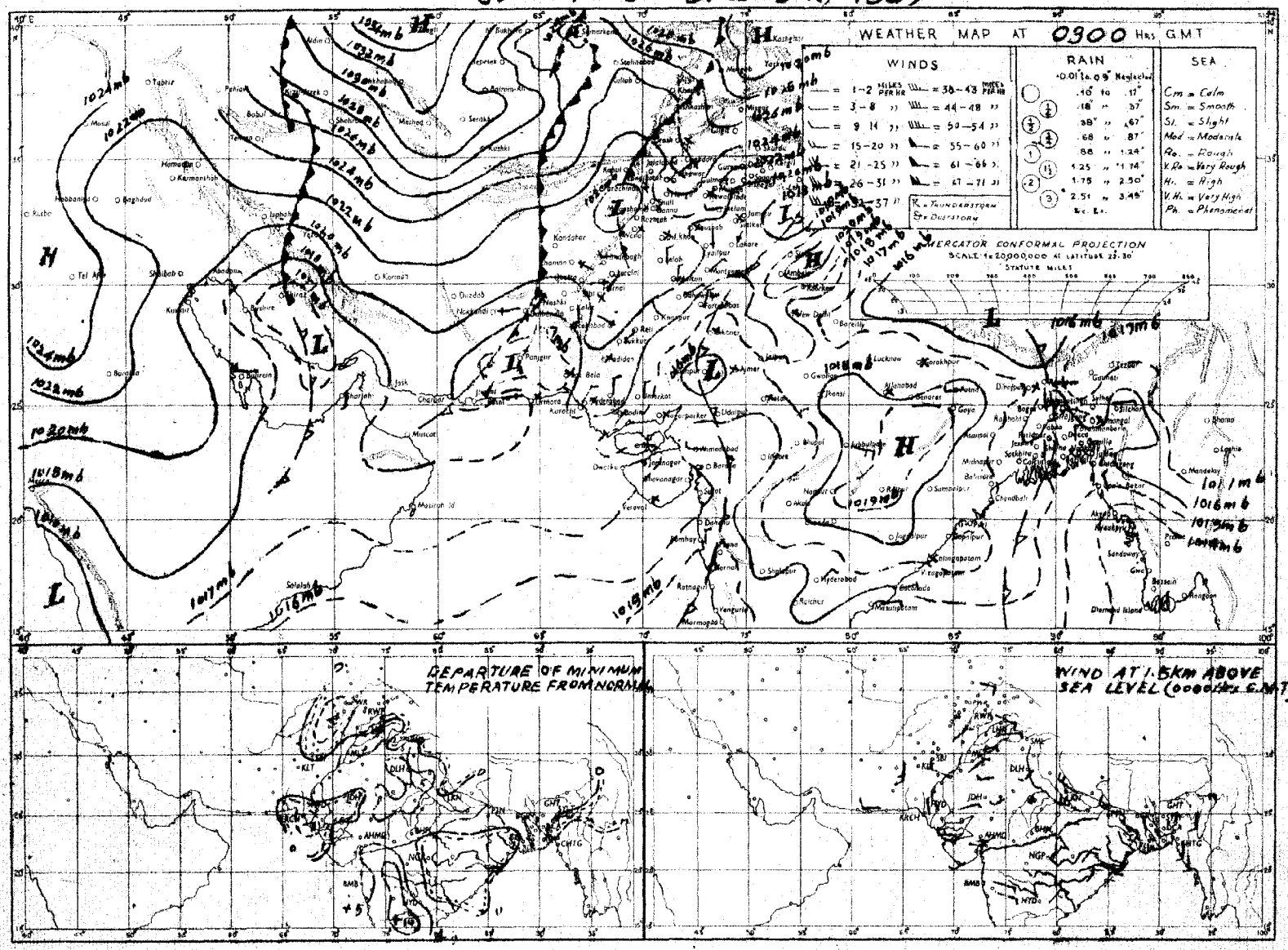
PAKISTAN DAILY WEATHER MAP

SUNDAY 13th DECEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 14th NOVEMBER, 1959.

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

Yesterday's western disturbance over East Russian Turkistan is now moving away eastwards while a fresh one lies over Russian Turkistan north of Afghanistan with its trough extending to Kalat division.

A low lies off Konkan Kanara Coast with its associated trough extending to southeastern sector north Arabian Sea.

Weather remained dry over the country.

Night temperatures were:- 2—5 °F below normal in East Pakistan and were 3—6°F above normal in Lahore, Multan, Bahawalpur, Khairpur, Quetta and north Kalat divisions.

Forecast valid until the evening of 15th November, 1959. Scattered rain/drizzle will occur in D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 14th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	29	02	95	01	0	108	75	1	0	7	5	8	62	83
	Chittagong	000	0	0	29	02	xx	00	0	104	73	0	0	9	0	0	64	82
	Maijdee Court	000	9	9	00	00	xx	00	0	110	75	9	x	0	x	x	69	81
	Comilla	000	0	0	00	00	94	00	0	107	76	0	0	9	0	0	67	84
	Brahmanbaria	000	0	0	00	00	xx	00	0	110	75	0	0	9	0	0	45	83
	Sylhet	000	0	1	27	02	xx	02	0	103	71	1	1	6	0	0	52	81
	Srimangal	000	0	0	00	00	xx	00	0	107	73	0	0	9	0	0	66	82
Dacca	Mymensingh	000	0	0	00	00	98	00	0	110	79	0	0	9	0	0	63	83
	Narayanganj	000	0	0	00	00	98	05	0	106	76	0	0	9	0	0	62	83
	Dacca (Tezgaon)	000	7	1	00	0J	97	07	1	104	75	1	5	6	0	0	65	81
	Faridpur	000	6	2	00	00	96	05	0	130	78	2	3	8	0	0	62	80
	Barisal	000	0	4	00	0J	97	02	2	1C8	75	4	0	9	6	0	69	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	113	75	0	0	9	0	0	65	81
	Satkhira	000	0	0	00	00	98	00	0	115	75	0	0	9	0	0	65	82
	Jessore	000	0	0	36	02	97	02	0	125	74	0	0	9	0	0	64	82
	Sirajganj	0^0	0	0	00	00	92	00	1	C89	74	0	0	9	0	0	69	84
	Bogra	000	0	0	00	00	xx	00	1	1.8	75	0	0	9	0	0	65	82
	Dinajpur	000	0	0	00	00	xx	00	0	105	77	0	0	9	0	0	66	84
	Rangpur	000	0	0	00	00	96	01	1	xxx	74	0	0	9	0	0	65	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	131	73	0	0	9	0	0	59	78
	Sialkot	000	0	0	00	00	98	00	0	125	72	0	0	9	0	0	59	75
Rawalpindi	Jhelum	000	0	0	00	00	97	03	0	123	74	1	0	9	3	^	57	79
	Rawalpindi	000	0	1	00	00	99	00	0	131	67	0	0	9	0	4	54	76
	Khushab	000	0	1	00	00	99	C0	0	128	75	0	0	9	0	0	6	80
Multan	Lyallpur	000	0	0	25	02	96	00	0	134	78	0	0	9	0	0	52	82
	Montgomery	000	0	0	00	00	96	00	0	122	77	0	0	7	0	0	54	83
	Multan	000	0	0	00	00	98	02	0	126	83	0	0	9	0	0	49	86
Bahawalpur	Leiah	000	0	0	00	00	98	00	0	136	81	0	0	9	n	0	52	82
	Khanpur	000	0	0	00	00	96	02	0	130	:5	0	0	9	0	0	44	89
	Bahawalpur	000	0	0	00	00	97	00	0	127	83	0	0	9	0	0	50	87
	Fort Abbas	000	0	0	02	00	98	00	0	121	81	0	0	9	0	u	40	88
Peshawar	Chakdara	000	0	0	00	00	97	00	0	094	69	0	0	9	0	0	45	73
	Peshawar	000	0	3	00	00	97	02	0	130	70	1	1	6	0	4	54	72
	Haripur	000	0	0	23	02	97	03	0	107	74	0	0	9	0	u	52	78
	Campbellpur	000	0	0	36	00	98	00	0	143	73	0	0	9	0	0	53	77
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	127	72	0	0	9	0	0	62	77
	D. I. Khan	000	0	0	00	00	98	00	0	122	74	0	0	9	0	0	59	82
Quetta	Sibi	000	0	0	xx	xx	99	00	0	126	82	0	0	9	0	0	47	85
Kalat	Nokkundi	000	0	0	13	02	99	02	0	C8J	86	0	0	9	0	0	23	83
	Turbat	000	0	0	27	01	98	00	0	163	89	0	0	9	0	0	55	^2
	Jiwani	000	0	0	23	01	97	01	0	120	79	0	0	9	0	0	69	82
	Pasni	000	0	0	20	12	98	00	0	119	81	0	0	9	c	0	66	83
	Ormara	000	0	0	27	05	96	00	0	117	79	0	0	9	0	0	68	82
	Las Bela	000	0	0	00	00	98	00	0	161	83	0	0	9	0	0	48	94
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	12	98	02	0	103	85	7	8	9	6	1	xx	86
	Karachi (Air Port)	000	0	0	23	05	98	01	0	118	83	0	0	9	0	0	50	89
	Badin	000	0	0	23	02	97	00	0	126	65	0	0	9	0	0	49	90
	Nagarparkar	000	0	0	31	02	98	00	0	978	91	0	0	9	0	0	65	92
	Umarkot	000	0	1	96	03	98	00	0	100	89	0	0	9	0	2	48	91
	Hyderabad	000	0	0	00	00	97	02	0	116	86	0	0	9	0	0	51	93
Khairpur	Pad-i-dan	000	0	0	00	00	98	02	0	117	85	0	0	9	0	0	37	87
	Nawabshah	000	0	0	00	00	97	02	0	125	85	0	0	9	0	0	44	91
	Sukkur	000	0	0	00	^0	96	00	0	117	82	0	0	9	0	0	53	88
	Kashmore	000	0	0	xx	xx	99	00	0	112	80	0	0	9	0	0	51	85
	Jacobabad	000	0	0	36	02	98	02	0	121	82	0	0	9	0	0	52	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Attabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	3	06	00	98	01	1	508	49	0	0	9	8	0	41	55
Peshawar	Drosh	000	0	0	13	05	98	02	0	509	57	0	0	9	0	0	25	71
	Cherat	000	0	0	18	03	98	00	0	519	60	0	0	9	0	0	54	68
	Kakul	000	2	0	16	02	97	05	1	507	61	0	0	9	C	0	45	69
	Landi Kotal	000	0	4	00	00	98	03	0	501	61	0	0	9	0	9	43	67
D. I. Khan	Parachinar	000	0	2	13	02	99	00	0	801	61	0	0	9	1	0	52	xx
	Miranshah	000	0	4	00	00	99	03	0	500	66	2	2	8	2	0	40	71
	Wana	000	5	3	13	02	99	00	3	482	67	3	0	9	0	9	25	68
	Fort Sandeman	000	0	2	00	00	99	03	0	506	70	2	0	9	4	0	31	73
Quetta	Hindubagh	000	0	2	16	03	98	03	0	462	69	0	0	9	0	2	26	73
	Loralai	000	0	4	18	03	96	C1	1	367	64	2	2	7	0	1	29	71
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	3	00	00	95	00	0	505	65	0	0	7	2	1	53	71
	Chaman	000	6	3	23	02	96	03	1	498	73	3	0	8	0	1	50	74
Kalat	Kalat	000	0	0	23	02	98	00	0	493	66	0	0	9	0	0	31	72
	Nushki	000	2	1	31	05	98	01	0	575	79	0	0	9	0	1	16	80
	Dalbandin	000	4	2	23	02	98	03	0	502	81	0	0	9	0	1	35	82
Afghanistan	Pan bur	000	0	0	23	03	98	00	0	510	79	0	0	9	0	0	31	79
	Kabul	000	0	0	36	02	99	00	0	574	54	0	0	9	0	0	43	62
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	2	09	02	97	03	0	140	76	2	1	7	0	0	65	63	−2	−5	0	−2.3	141.1	140
Chittagong	000	0	1	09	02	96	01	1	139	70	6	7	9	5	1	xx	62	−2	−5	0	−1.5	142.0	108
Maijdee Court	000	9	0	00	00	98	00	4	146	77	0	0	9	0	0	63	65	−2	−2	0	−1.1	144.7	115
Comilla	000	0	0	00	00	97	00	0	144	75	0	0	9	0	0	67	64	−1	−1	0	−0.9	107.7	94
Brahmanbaria	0^0	0	0	00	00	97	00	0	150	77	0	0	9	0	0	66	66	—	—	0	−0.9	85.2	76
Sylhet	000	0	1	09	02	97	02	0	142	72	1	1	6	0	0	65	62	—	—	0	—	193.9	—
Srimangal	000	0	0	00	00	96	00	0	146	71	0	0	9	0	0	64	56	−5	−5	0	−1.1	109.3	58
Mymensingh	000	0	C	00	00	97	00	0	149	72	0	0	9	0	0	64	64	0	−3	0	−0.7	113.3	91
Narayanganj	000	9	0	02	02	96	00	0	144	78	0	0	9	0	0	63	67	−1	0	0	−0.7	103.9	74
Dacca (Tezgaon)	000	6	1	02	03	97	02	1	139	75	1	1	6	0	0	63	64			0		103.6	—
Faridpur	000	9	2	36	02	95	05	0	154	75	2	5	8	0	0	62	62	−2	−3	0	−0.8	116.6	71
Barisal	000	0	4	00	00	97	02	2	143	74	4	0	9	6	0	66	66	−2	0	0	−1.1	140.5	81
Khulna	000	0	0	00	00	97	00	0	149	75	0	0	9	0	0	64	66	−2	+1	0	−0.9	102.8	68
Satkhira	000	0	0	00	00	98	00	0	149	55	0	0	9	0	0	62	62	−3	−1	0	−0.6	82.1	65
Jessore	000	0	0	36	02	97	00	0	154	71	0	0	9	0	0	61	6'	—	—	0	−0.7	105.8	65
Sirajganj	000	0	0	00	00	98	00	0	134	75	0	0	9	0	0	65	63	—		0	−0.6	107.7	64
Bogra	000	0	0	36	02	96	02	0	148	71	0	0	9	0	0	62	62	0	1	0	−0.7	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	142	70	0	0	9	0	0	60	58	+1	−4	0	−0.2	66.9	72
Rangpur	000	0	0	27	02	96	01	0	xxx	69	0	0	9	0	0	63	63	—	—	0	−0.3	92.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	95	10	0	147	57	0	0	9	0	2	55	53	−6	+6	1.1	+1.1	27.1	19
Sialkot	000	0	0	00	00	98	00	0	145	63	0	0	9	0	0	54	53	−7	+3	3.1	+3.0	61.8	32
Jhelum	000	0	6	00	00	94	10	2	149	55	0	0	9	0	4	53	50	—	—	3.4	—	53.5	—
Rawalpindi	C00	0	4	00	00	97	00	0	157	52	2	0	9	2	3	49	46	−2	+2	3.2	+3.1	55.5	36
Khushab	000	0	0	00	00	99	00	0	149	6L	0	0	9	0	0	55	54	−4	+3	1.1	+1.1	26.5	15
Lyallpur	000	0	6	25	05	96	00	0	150	56	0	0	9	0	0	53	53	0	+4	0.7	+0.7	19.0	12
Montgomery	000	0	0	23	02	96	00	0	135	60	0	0	9	0	0	53	54	−2	+2	0.1	+0.1	8.5	10
Multan	000	0	4	00	00	96	^	0	152	63	0	0	9	0	0	50	56	+2	+5	0.1	+0.1	8.3	7
Leiah	000	0	6	00	00	97	03	2	137	59	0	0	9	0	9	56	55	—	—	2.8	—	9.3	8
Khanpur	000	0	5	00	00	96	03	0	138	66	5	0	9	1	0	43	57	+2	+6	0	0	1.4	6
Bahawalpur	000	0	8	00	0	97	03	0	148	65	8	0	9	0	8	62	52	+2	+1	0.1	+0.1	6.6	6
Fort Abbas	000	0	0	07	02	98	0u	0	134	64	0	0	9	0	0	49	57	—	—	1.0	—	10.2	4
Chakdara	000	0	6	00	00	96	03	1	165	48	0	0	8	4	0	44	46	—	—	5.4	—	31.9	—
Peshawar	C00	0	7	00	00	96	05	1	160	54	0	0	9	3	1	30	51	−5	+2	5.0	+5.0	27.5	14
Haripur	000	3	6	23	04	97	03	2	xxx	xx	6	0	9	0	9	45	50	—	—	4.0	—	36.1	—
Campbellpur	000	0	0	05	02	98	00	u	188	52	0	0	9	0	0	50	47	—	—	3.1	—	38.1	—
Bannu	000	2	8	00	00	99	02	2	149	56	8	0	9	7	0	49	51	—	—	2.4	—	15.2	11
D. I. Khan	000	0	7	00	00	98	02	1	145	59	0	0	9	7	0	55	55	−1	+6	1.6	+1.6	16.5	10
Sibi	000	2	3	00	00	96	03	1	148	57	0	0	9	0	2	53	55	—	—	4.8	—	9.2	3
Nokkundi	000	2	8	05	07	99	02	0	118	65	0	0	9	2	0	32	60	—	—	0.5	—	1.6	2
Turbat	000	0	0	09	02	96	00	(	13.	68	0	0	9	0	0	67	xx	—	—	0.6	—	7.9	—
Jiwani	000	0	0	36	02	97	02	0	136	69	0	0	9	0	0	55	65	—	—	0.8	—	7.5	4
Pasni	000	^	2	29	00	98	00	0	135	63	1	2	5	2	0	59	61	−3	+1	0.3	+0.3	3.4	8
Ormara	000	0	^	00	00	98	00	0	132	67	0	0	9	0	0	64	63	—	—	2.7	+2.7	6.8	6
Las Bela	000	0	0	00	00	98	00	(	134	72	0	0	9	0	0	51	55	—	—	0.4	—	7.3	8
Karachi (Manora)	000	0	2	C5	12	95	05	1	128	67	0	0	9	0	1	48	66	0	−1	1.6	+1.5	18.1	8
Karachi (Air Port)	000	0	1	00	00	97	03	0	132	61	0	0	9	3	0	51	55	—	—	3.3	—	26.1	—
Badin	000	0	0	23	02	96	00	0	125	64	0	0	9	0	0	54	40	−2	0	0.4	+0.3	11.5	9
Nagarparkar	000	0	0	00	00	98	00	0	135	82	0	0	9	0	0	66	77	—	—	C	—	30.5	—
Umarkot	000	0	1	09	05	98	00	·	124	48	0	0	9	0	0	49	67	—	—	0.5	—	20.8	—
Hyderabad	000	0	2	00	00	97	03	0	133	67	0	0	9	0	8	49	61	+2	0	0.5	+0.5	15.9	7
Pad-i-dan	000	0	1	31	03	97	02	0	137	59	0	0	9	0	0	32	51	—	—	0.3	—	7.9	—
Nawabshah	000	0	1	00	00	96	02	0	138	57	0	0	9	0	1	49	53	—	—	0.3	—	7.5	—
Sukkur	000	0	3	00	00	96	03	1	138	64	0	0	9	0	3	51	57	—	—	0.8	—	5.3	4
Kashmore	000	0	0	xx	:x	99	00	0	143	67	0	0	9	0	0	48	54	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	09	03	97	02	2	141	64	0	0	9	0	2	51	60	−2	+6	0.3	+0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Attabad																							—
Gilgit																							5
Murree	000	9	7	36	02	^6	02	1	515	49	2	5	5	1	0	30	42	−3	0	4.2	+3.9	82.6	59
Drosh	000	1	6	00	00	97	03	2	537	44	4	5	9	0	4	29	42	+6	−2	3.1	—	33.8	18
Cherat	000	0	4	31	03	98	01	0	530	55	0	0	9	0	8	45	47	+1	−3	5.7	+5.5	37.1	29
Kakul	000	9	7	31	03	99	03	1	511	52	0	0	9	4	5	35	48	—	—	4.4	—	59.4	—
Landi Kotal	000	0	8	00	^0	98	03	1	490	47	0	0	9	1	0	42	43	—	—	3.9	—	22.8	—
Parachinar	000	0	3	00	00	99	00	0	800	45	0	0	9	1	0	35	xx	—	—	5.3	—	33.4	29
Miranshah	000	0	6	00	(0	9	02	0	482	50	2	1	7	2	2	44	46	—	—	1.1	+1.1	8.1	13
Wana	0^0	2	6	16	02	99	00	3	491	45	6	3	9	0	0	41	40	—	—	1.1	—	15.2	—
Fort Sandeman	000	0	7	00	00	97	03	0	511	49	7	5	6	0	0	41	47	0	+5	4.7	+4.7	20.7	11
Hindubagh	000	2	4	31	02	96	03	0	480	44	0	0	9	1	4	24	43	—	—	3.3	—	16.0	—
Loralai	000	0	6	27	02	96	01	1	367	42	2	3	7	0	3	37	41	—	—	4.2	—	17.3	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+5.8	18.7	14
Quetta	000	0	7	13	02	95	02	2	5(6	52	5	0	7	5	2	33	43	—	+8	1.8	+1.8	12.0	8
Chaman	000	3	4	00	00	96	03	2	494	38	0	0	9	0	4	23	49	+5	+6	0.4	+0.4	6.7	7
Kalat	000	0	5	18	05	97	03	2	525	41	0	0	9	0	1	29	36	+8	+5	1.1	+1.1	12.1	9
Nushki	000	0	8	C9	19	97	03	0	555	65	8	0	9	2	0	23	57	—	—	0.6	—	3.9	—
Dalbandin	000	9	6	00	00	98	03	1	475	56	0	0	9	0	6	33	49	+3	+7	0.2	+0.2	2.4	5
Pan bur	000	0	6	05	02	98	03	0	497	50	0	0	9	4	0	28	47	—	—	0.1	—	4.2	4
Kabul	000	0	8	36	00	99	00	0	558	44	8	5	8	0	0	38	34	—	—	—	—	—	—
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

SATURDAY THE 14th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dw d_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alvalos	63 242	585 00	0 42 02	98 02 0	080 77	00 9 00	75 60 5	...	0 53 72	1 x2 x0
Essorotherdw	63 227	597 00	0 16 09	98 02 0	120 73	00 9 00	76 61 0	...	9 85 66	1 16 21
Yoohomaru	63 195	647 06	1 06 06	99 01 0	148 82	11 5 00	75 01 2	...	0 00 66	...
Caledondi	63 239	657 06	1 33 05	98 02 0	155 79	00 9 01	56 01 5	...	0 51 63	1 33 x0
Alfred Fraisinet	63 158	540 18	3 09 12	98 01 2	114 77	34 3 41	16 11 0	...	0 54 73	1 09 x1
Kimpala	63 088	605 18	1 18 01	99 00 0	110 81	12 5 00	56 10 3	...	0 51 76	1 49 xx

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	012 200 170	107 188 135	—	450 115 102	..	106 859 922	365 015 999	808 595 999	507 672 999	960 825	..	...	...
Jiwani														
Karachi	00 00	009 168 078	100 172 075	..	470 178 508	..	137 112 999	405 042 999	853 572 999	577 640 999	968 795	247 055	..	...
Lahore														
Multan														
Peshawar	00 00	973 118 102	...	—	500 118 075	..	101 075 515	327 562 652	727 652 999	381 752 999	947 872	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
14	17	16	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 138 115	800 102 065	—	--	--	-	--	--	-	800 102 065	--	--
Jiwani													
Karachi	00 00	900 222 512		..	--	--	--	--	--	--	900 222 512	--	--
Lahore													
Multan													
Peshawar	00 00	900 148 148	800 092 012	350 810 999	250 940 999	--	--	--	--	..	250 940 999	...	--
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Str-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	.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	30 06	31 06	31 05	07 02	07 02	22 01	--		
Chaklala		27 06	30 04	33 02	32 03	31 07	30 10	29 13	29 15
Chhor	22 04	05 05	05 05	07 06	33 05	01 01	35 13	31 14	30 24
Chittagong	30 12	34 08	36 08	15 08	22 06	24 06	24 09	---	---
Cox's Bazar	31 07	32 04	09 06	23 11	22 06	28 13	--	--	---
Dacca	01 05	36 04	36 05	34 09	35 08	30 13	29 22	28 25	28 29
Dalbandin	---		16 01	22 05	21 09	23 22	23 22	25 24	26 26
D. I. Khan		--	--						
Drosh	--	--	--	--	23 03	20 06	25 08	19 13	18 21
Fort Sandeman	--			04 01	22 01	27 12	28 10	28 33	28 55
Jacobabad	31 02	17 01	17 04	17 05	23 04	28 08	27 10	26 17	28 27
Jessore	34 05	33 05	33 05	35 03	33 09	31 12			
Jhelum	21 03	20 03	31 09	31 07	30 06	29 13	29 19	29 36	29 37
Jiwani	20 05	22 02	27 03	23 05	20 07	23 09	22 09	23 05	20 07
Karachi	25 09	31 07	36 06	06 11	08 03	11 07	03 04	29 06	27 13
Khanpur	26 04	26 03	25 05	20 05	25 04	31 06	31 13	30 .7	31 30
Lahore	31 05	31 06	32 05	33 04	32 06	29 09	30 12	29 20	29 34
Multan	18 31	24 01	24 03	22 07	26 08	30 19	30 21	29 32	29 43
Masrut	---	--	--	--	--	--			--
Panjgur	--	--	--	--	--	--		..	..
Peshawar	---	..	--		--	--	--	--	--
Quetta	---	---	---	---	32 06	23 09	24 14	25 26	27 39
She-jah	---	---	---	---					
Sylhet	28 07	26 01	17 02	12 05	15 08	13 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	33 09	32 05	32 03	17 05	26 07	29 23
Chaklala	---	04 03	11 03	30 03	30 11	27 03
Chhor	16 07	14 10	12 09	04 08	03 05	23 03
Chittagong	34 07	33 03	20 02	18 05	23 09	26 13
Cox's Bazar	35 10	02 07			---	---
Dacca	35 10	35 07	36 06	07 05	28 07	28 14
Dalbandin	--	--	24 01	22 07	21 20	22 14
D. I. Khan	--	--	--			
Drosh	--	---		14 02	15 01	17 03
Fort Sandeman	---			23 02	23 08	27 17
Jacobabad	06 04	22 02	20 07	23 12	23 06	25 22
Jessore	36 05	02 03	06 04	09 03	32 04	30 10
Jhelum	33 04	32 14	32 13	32 08	30 08	31 08
Jiwani	20 05	23 06	28 05	24 05	25 08	27 10
Karachi	07 08	06 03	11 04	13 07	08 04	19 07
Khanpur	07 10	08 93	17 03	22 10	25 08	23 08
Lahore	32 05	34 07	30 07	29 10	32 09	30 14
Multan	15 05	17 04	23 06	25 13	25 05	26 14
Masrut	---	--		--	--	
Panjgur	--	--	..	..	--	--
Peshawar	..	---	--	--		
Quetta	---	---	---	---	19 08	26 15
She-jah						
Sylhet	12 02	15 03	12 02	35 02	06 03	28 22
Veraval	---	--				--

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	32 03	32 04	34 03	19 04	26 04	29 18	29 31	28 33	28 35	--	--
Chaklala	---	26 01	10 01	26 04	22 05	24 08	26 35	26 27	--	..	--
Chhor					---						
Chittagong	33 02	36 01	09 02	15 11	21 09	25 14	27 18	27 15	29 21	27 21	
Cox's Bazar	36 15	01 15	02 17	18 07	19 38	24 11	27 13	28 14	28 14	28 19	23 7
Dacca	01 10	36 07	36 06	05 06	10 04	29 12	28 17	29 23	26 54		
Dalbandin	--	---	18 07	21 12	22 14	45 22	24 22	24 22	25 30	25 36	26 42
D. I. Khan	---	--	--	---							--
Drosh	..	---	--		03 04	36 07	36 09	25 10	35 10	...	..
Fort Sandeman				23 01	20 11	35 13	26 14	25 27	24 40	--	..
Jacobabad	13 06	15 06	16 07	20 10	21 19	21 21	24 27	23 31	24 35		--
Jessore	36 03	36 03	01 04	05 04	35 05	31 12					..
Jhelum	33 02	30 05	31 04	33 02	25 04	28 06	27 13	27 23	23 34		
Jiwani	23 01	27 01	27 02	25 02	26 03	.4 09	25 14	25 17	26 21	27 22	27 32
Karachi	12 09	05 01	16 03	13 06	15 04	11 09	16 11	40 20	21 18	21 20	26 23
Khanpur	06 02	17 07	18 09	19 01	23 06	22 08	21 25	24 23	25 27		
Lahore	33 07	35 08	34 09	30 12	30 10	49 05	31 11	24 24	27 30	23 38	26 23
Multan	18 04	18 07	18 08	24 11	23 09	24 17	25 23	46 33	32 35	26 45	26 49
Masrut	--	..	---		..	...	---	---			...
Panjgur	--	--	---	--		...	...	...			...
Peshawar	---	..	---								
Quetta		--	---	---	20 07	22 08	23 17	---	---		
She-jah											
Sylhet	18 02	14 01	10 01	05 05	08 01	17 04	27 15	27 36	27 35	28 45	27 45
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

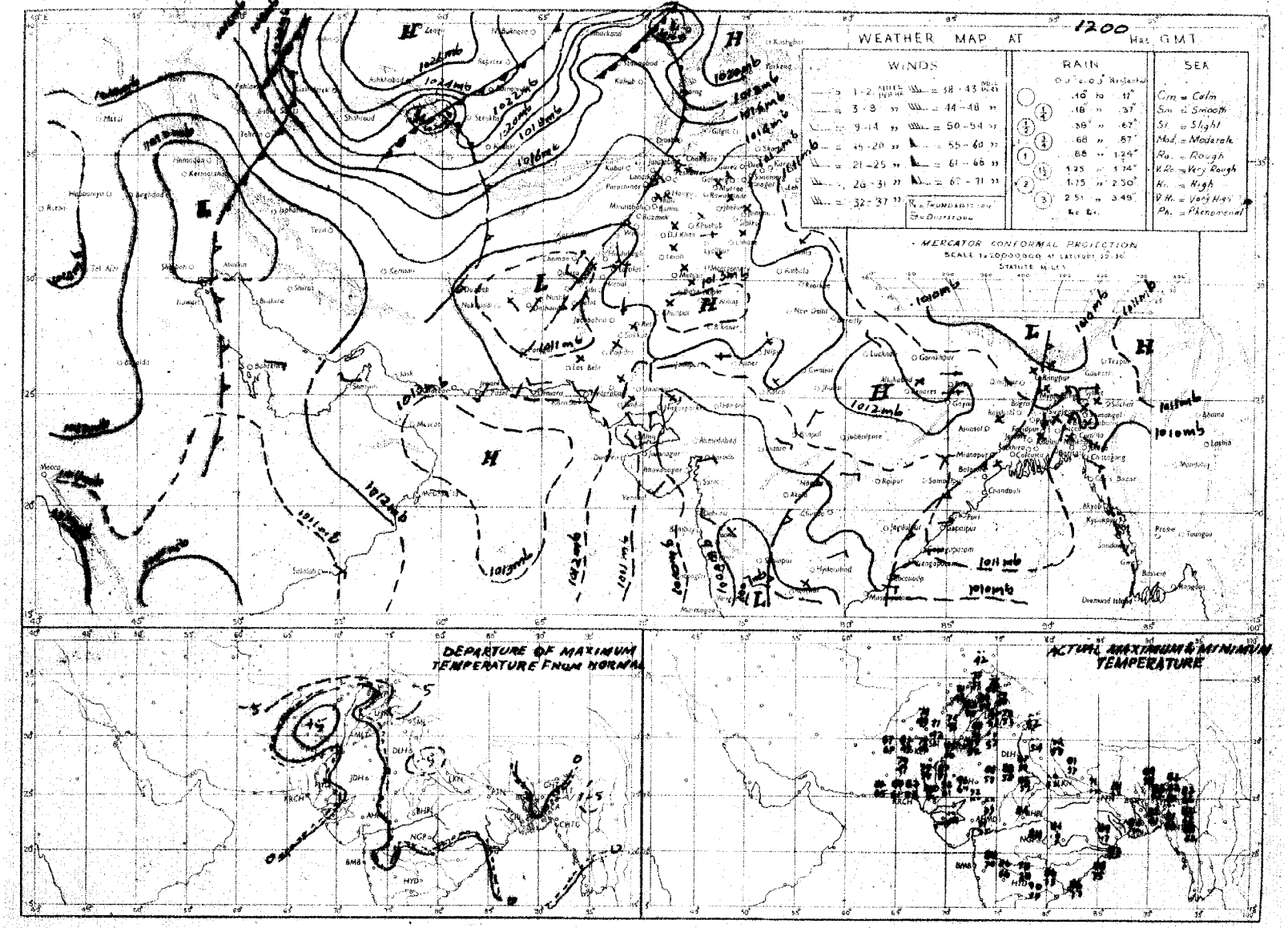
Height in g.p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	35 17	35 13	36 11	01 04	10 04	28 15	28 15	9 27	29 27	28 32	27 42	27 46	27 89	77 05		..	--	..
Karachi	33 07	08 04	08 06	17 06	10 06	18 04	20 09	22 13	23 14	27 21	27 26	27 43	27 52	26 62	27 71	--	--	..
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.)

PAKISTAN DAILY WEATHER MAP

FRIDAY, 13th NOVEMBER, 1959.



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

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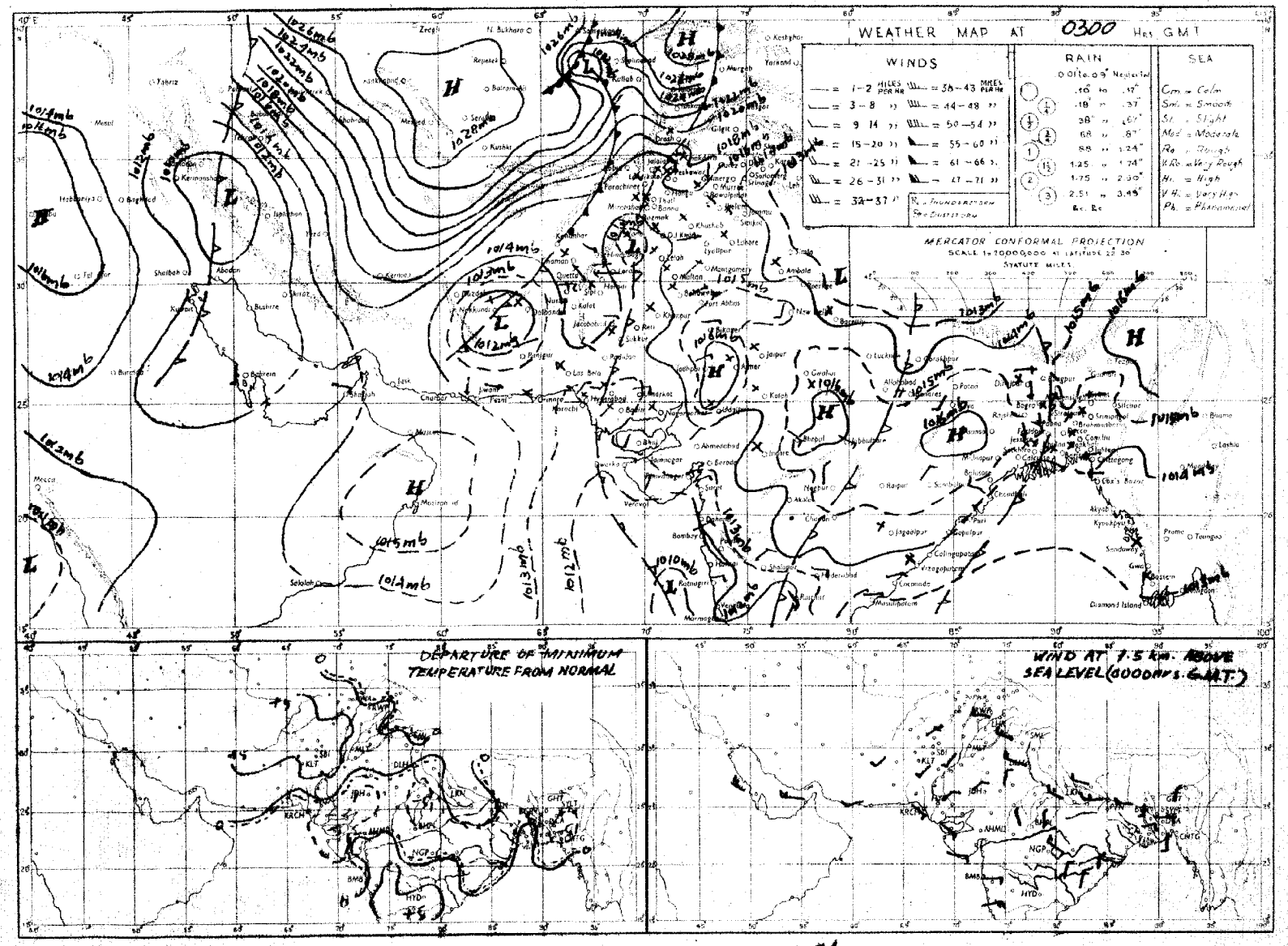
PAKISTAN DAILY WEATHER MAP

SATURDAY, 14TH NOVEMBER, 1953



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 15th NOVEMBER, 1959.

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

Yesterday's western disturbance north of Afghanistan is now moving away eastwards through east Russian Turkistan.
Scattered rain/drizzle have been reported from Lahore and Peshawar divisions.
The low off Konkan Kanara Coast with its trough extending to Gujrat and Kutch persists.
A fresh secondary western disturbance lies over south Iran and adjoining areas.
Weather remained dry in East Pakistan.
Night temperatures were:- 3—8 °F above normal in Lahore, Rawalpindi, Peshawar, D. I. Khan, Dera Bahawalpur, Khairpur, north Kalat divisions and were 2—7°F below normal in Chittagong and Rajshahi divisions.
Forecast valid until the evening of 16th November, 1959. Scattered rain/thundershowers will occur in D. I. Khan, Peshawar, Rawalpindi and Lahore divisions and Kashmir.

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WEATHER BUREAU

Karachi-11
The 15th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous Day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	At 0300 hrs. G.M.T.: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	Departures from Normal of: Maximum Temperature (Tx-Nx)	Minimum Temperature (Tn-Nn)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0		29	02	95	01	0	105	75	0	0	9	0	8	65	82	000	0	2	0	03	97	03	0	139	75		1	6	0	0	64	63	— 3	— 3	0	— 2.3	141.0	[illegible]
	Chittagong	000	0	0	34	05	xx	00	0	118	74	0	0	9	0	0	63	82	000	0	1	05	02	95	00	0	144	73	0	0	9	0	0	66	61	— 2	— 1	0	— 1.5	141.7	108
	Maijdee Court	000	0	9	00	00	xx	00	0	119	75	9	x	9	x	x	70	80	000	9	0	00	00	98	00	4	145	75	0	0	9	0	0	66	66	— 3	— 1	0	— 1.1	147.7	1.5
	Comilla	000	0	0	00	00	94	00	0	104	74	0	0	9	0	0	67	82	000	0	0	00	00	97	00	0	136	75	0	0	9	0	0	69	65	— 3	— 0	0	— 0.9	177.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	113	75	0	0	9	0	0	67	81	000	0	0	00	00	97	00	0	150	76	0	0	9	0	0	67	66	—	—	0	— 0.9	85.2	76
	Sylhet	000	0	1	00	00	xx	00	1	107	72	1	1	6	0	0	65	82	000	0	0	09	02	97	02	0	144	72	0	0	9	0	0	64	61	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	108	72	0	0	9	0	0	67	83	000	0	0	00	00	97	00	0	149	74	0	0	9	0	0	65	56	— 4	— 5	0	— 1.1	109.2	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	113	76	0	0	9	0	0	67	83	000	0	0	13	02	97	00	0	156	71	0	0	9	0	0	65	64	— 0	— 2	0	— 0.7	113.3	91
	Narayanganj	000	9	7	00	00	xx	03	2	110	78	5	4	6	2	0	66	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	...	...	...	74
	Dacca (Tejgaon)	000	9	6	34	02	97	03	1	108	73	6	8	5	0	0	64	81	000	0	0	05	03	97	01	1	143	74	0	0	9	0	0	62	66	—	—	0	—	103.6	—
	Faridpur	000	8	0	00	00	95	05	0	122	76	0	0	9	0	0	63	80	000	0	0	34	02	95	05	0	149	74	0	0	9	0	0	59	61	— 2	— 6	0	— 0.7	116.6	73
	Barisal	000	0	4	00	00	96	02	2	111	75	3	0	9	4	3	67	81	000	0	0	36	02	97	02	2	146	75	0	0	9	0	0	60	66	— 2	— 0	0	— 1.1	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	113	77	0	0	9	0	0	63	82	000	0	0	05	05	97	00	0	153	76	0	0	9	0	0	61	64	— 1	— 1	0	— 0.9	102.0	88
	Satkhira	000	0	0	00	00	98	00	0	114	76	0	0	9	0	0	65	83	000	0	0	00	00	98	00	0	150	53	0	0	9	0	0	xx	61	— 2	— 2	0	— 0.6	85.1	65
	Jessore	000	0	0	36	02	97	00	0	119	79	0	0	9	0	0	63	82	000	0	0	36	02	97	00	0	156	70	0	0	9	0	0	62	59	—	—	0	— 0.8	105.8	65
	Sirajganj	000	0	0	00	00	92	00	0	088	72	0	0	9	0	0	71	83	000	0	0	00	00	98	00	0	142	75	0	0	9	0	0	64	61	—	—	0	— 0.6	107.7	64
	Bogra	000	0	0	00	00	92	02	0	114	73	0	0	9	0	0	60	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	69
	Dinajpur	000	0	0	00	00	xx	00	0	108	76	0	0	9	0	0	65	82	000	0	0	00	00	96	00	0	150	72	0	0	9	0	0	64	58	— 1	— 5	0	— 0.1	66.9	72
	Rangpur	000	0	0	00	00	96	01	0	xxx	73	0	0	9	0	0	65	82	000	0	0	05	02	96	01	0	xxx	71	0	0	9	0	0	57	60	—	—	0	— 0.3	104.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	7	00	00	96	02	1	124	72	2	0	9	3	6	57	78	000	7	6	00	00	95	10	5	149	59	3	0	9	3	4	58	57	— 6	+ 10	1.1	+ 1.1	27.1	19
	Sialkot	000	4	7	00	00	97	02	1	118	70	7	4	6	x	x	58	75	000	3	6	00	00	97	01	2	146	61	3	4	6	3	x	59	58	— 7	+ 8	3.1	+ 3.1	61.0	53
Rawalpindi	Jhelum	000	8	7	00	00	96	02	2	123	68	4	0	9	2	7	59	76	000	8	0	00	00	96	01	2	141	58	2	7	7	7	0	55	53	—	—	3·4	—	53.5	—
	Rawalpindi	000	0	8	27	02	95	02	2	143	62	8	3	3	0	0	54	67	000	0	6	00	00	98	03	2	153	53	0	0	9	0	0	xx	51	— 11	+ 7	3.3	+ 3.1	55.5	36
	Khushab	000	0	4	00	00	96	03	4	132	72	4	3	6	0	0	60	73	000	0	3	00	00	99	03	1	xxx	xx	0	0	9	0	0	55	56	— 11	+ 5	1.1	+ 1.1	36.5	15
Multan	Lyallpur	000	0	6	25	02	96	02	0	117	73	6	7	8	0	0	58	78	000	0	5	00	00	94	41	4	146	59	5	0	9	0	4	58	52	— 4	+ 3	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	111	75	0	0	9	0	0	58	83	000	0	0	00	00	96	00	0	142	60	0	0	9	0	0	58	56	— 5	+ 3	0.1	+ 0.1	8.5	10
	Multan	000	0	4	00	00	96	02	0	104	81	0	0	9	4	4	50	82	000	0	4	00	00	96	05	0	144	64	0	0	9	0	2	51	58	— 2	+ 7	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	6	00	00	96	03	0	108	79	6	0	8	4	0	54	87	000	0	3	36	03	96	03	0	147	50	3	0	9	1	6	53	55	— 0	+ 4	0	— 0	1.4	6
	Khanpur	000	0	7	00	00	97	03	0	127	84	0	0	8	1	0	52	87	000	8	8	00	00	97	03	0	139	66	8	0	9	0	4	53	54	+ 2	+ 3	0.1	+ 0.1	8.6	6
	Bahawalpur																																								4
	Fort Abbas																																								
Peshawar	Chakdara	000	0	8	00	00	95	03	1	117	60	8	6	6	x	x	47	62	000	0	7	00	00	96	01	2	153	47	7	6	7	0	0	43	46	—	—	5.4	—	31.9	—
	Peshawar	000	0	8	00	00	95	05	2	135	64	3	5	7	7	x	58	67	000	0	7	00	00	94	10	2	149	55	4	0	9	7	0	54	52	— 10	+ 3	5.0	+ 5.0	27.5	14
	Haripur	000	3	0	05	04	97	03	2	119	71	6	0	9	0	0	46	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	—
	Campbellpur	000	0	8	36	02	96	03	0	148	65	0	0	9	2	0	54	68	000	0	8	13	00	96	13	2	174	55	8	2	6	0	0	53	52	—	—	3.1	—	39.1	—
D. I. Khan	Bannu	000	0	8	00	00	93	02	2	127	67	8	0	9	7	0	60	70	000	0	1	00	00	99	02	1	134	51	1	0	9	8	0	50	52	—	—	2.4	—	15.2	11
	D. I. Khan	000	6	7	00	00	98	03	0	119	72	0	0	9	7	0	61	75	000	3	1	00	00	98	01	1	110	67	1	4	3	5	8	54	55	— 8	+ 7	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	9	0	13	02	98	02	2	123	77	0	0	9	0	2	54	80	000	0	0	00	00	99	00	0	141	57	0	0	9	0	0	53	56	—	—	4.0	—	9.2	5
	Nokkundi	000	9	3	31	02	99	01	2	065	80	0	0	9	2	0	37	83	000	0	0	05	02	99	02	0	146	55	0	0	9	0	0	32	53	—	—	0.5	—	1.6	2
	Turbat	000	0	0	23	02	98	00	0	125	87	0	0	9	0	0	77	92	000	0	0	09	02	96	00	0	109	64	0	0	9	0	0	63	xx	—	—	0.6	—	7.9	—
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	36	02	97	01	0	141	67	3	6	4	0	0	64	65	—	—	0.8	—	7.5	4
Kalat	Pasni	000	0	0	25	07	98	00	0	111	79	0	0	9	0	0	66	85	000	0	1	29	02	98	00	0	136	64	1	2	7	0	0	61	67	— 1	+ 2	0.3	+ 0.3	3.4	6
	Ormara	000	0	0	27	07	98	00	0	104	79	0	0	9	0	0	65	81	000	0	0	00	00	98	00	0	128	67	0	0	9	0	0	64	64	—	—	2.7	+ 2.7	6.8	8
	Las Bela	000	0	0	00	00	98	00	0	106	89	0	0	9	0	0	56	93	000	0	0	00	00	98	00	0	142	72	0	0	9	0	0	50	54	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	097	86	0	0	9	0	0	78	88	000	0	0	00	00	95	05	0	130	71	0	0	9	0	0	61	69	+ 2	+ 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	1	23	03	97	03	0	106	82	0	0	9	0	1	55	87	000	0	0	00	00	96	02	0	134	63	0	0	9	0	0	58	57	—	—	2.3	—	26.1	—
	Badin	000	0	0	00	00	97	00	0	136	84	0	0	9	0	0	53	89	000	0	0	23	02	96	00	0	156	64	0	0	9	0	0	58	61	— 3	+ 1	0.4	+ 0.3	11.9	9
	Nagarparkar	000	0	0	00	00	98	00	0	982	90	0	0	9	0	0	66	91	000	0	0	00	00	98	00	0	008	87	0	0	9	0	0	65	77	—	—	0	—	30.5	—
	Umarkot	000	0	1	29	02	98	00	0	043	88	0	0	9	1	1	57	93	000	0	0	11	03	98	00	0	113	44	0	0	9	0	0	58	57	—	—	0.5	—	28.8	—
	Hyderabad	000	0	0	00	00	97	02	0	106	87	0	0	9	0	0	59	90	000	0	0	00	00	95	10	0	129	63	0	0	9	0	0	56	61	— 0	— 0	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	31	02	98	02	0	196	83	0	0	9	0	1	49	88	000	0	0	31	07	96	00	0	136	60	0	0	9	0	0	55	51	—	—	0.3	—	7.9	—
	Nawabshah	000	0	1	00	00	97	01	1	108	85	0	0	9	0	1	44	89	000	0	0	27	02	96	02	0	141	59	0	0	9	0	0	51	54	—	—	0.3	—	7.5	4
	Sukkur	000	0	5	03	02	96	03	1	103	80	0	0	9	0	8	53	85	000	9	2	16	03	96	01	1	139	64	0	0	9	0	3	51	59	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	xx	xx	99	00	0	107	81	0	0	9	0	0	49	85	000	0	0	18	03	99	00	0	133	79	0	0	9	0	0	35	58	—	—	1.3	—	3.4	4
	Jacobabad	000	0	5	18	03	96	02	1	109	82	0	0	9	0	4	46	85	000	0	1	00	00	98	01	1	135	60	0	0	9	0	1	55	59	— 2	+ 5	0.3	+ 0.3	4.7	
Junagadh-Afghanistan	Veraval																																								20
	Bhaisbed																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								—
Kashmir	Srinagar																																								24
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								4
	Minger																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	9	8	05	02	96	03	1	506	50	8	5	x	x	x	35	54	000	0	7	11	09	96	02	2	510	47	5	4	4	0	0	33	45	— 4	+ 3	4.2	+ 3.9	82.6	59
Peshawar	Drosh	000	8	5	00	02	97	01	2	510	54	5	0	9	3	4	34	58	009	9	7	00	00	97	03	5	521	46	5	5	6	5	0	41	45	— 7	+ 1	3.1	—	33.8	18
	Chitral	000	8	8	36	03	97	03	2	512	55	8	6	6	0	0	45	59	000	0	7	36	03	98	02	2	519	55	7	4	6	0	0	44	50	— 8	— 0	5.7	+ 5.5	37.1	20
	Kakul	000	8	8	31	03	96	05	0	503	58	8	4	7	x	x	43	62	000	9	7	27	03	98	01	2	506	54	6	8	7	3	0	39	52	—	—	4.4	—	59.4	—
	Landi Kotal	000	0	8	00	00	97	03	2	490	56	0	0	9	7	0	44	60	000	0	7	00	00	97	02	2	491	48	0	0	9	7	0	43	56	—	—	3.9	—	22.8	—
D. I. Khan	Parachinar	000	0	7	13	02	99	03	0	800	55	2	1	9	2	1	53	xx	000	0	2	00	00	99	00	0	800	47	0	0	9	1	0	35	xx	—	—	5.3	—	33.4	29
	Miranshah	000	0	0	00	00	99	03	2	478	63	8	3	9	0	0	41	69	000	0	0	00	00	99	00	0	474	50	0	0	9	0	0	42	46	—	—	1.1	+ 1.1	8.1	13
	Wana	000	0	0	00	00	99	20	2	471	59	8	3	9	8	0	41	61	000	0	0	00	00	98	02	0	488	42	0	0	9	0	0	39	40	—	—	1.1	—	15.3	—
Quetta	Fort Sandaman	000	0	7	00	00	97	02	0	495	65	7	5	6	0	0	36	68	000	0	0	00	00	98	02	0	503	51	0	0	9	0	0	42	46	— 5	+ 4	4.7	— 4.7	20.7	11
	Hindubagh	000	6	7	09	03	94	03	2	497	59	0	0	9	4	0	28	64	000	0	3	00	99	98	01	2	487	43	0	0	9	1	1	26	42	—	—	4.3	—	16.0	—
	Loralai	000	0	7	16	03	96	02	2	394	60	2	3	9	2	0	18	63	000	0	2	31	02	97	01	1	378	42	0	0	9	0	1	35	41	—	—	5.9	—	17.3	—
	Harnai	000	4	4	27	02	98	43	6	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	1.9	+ 1.9	19.7	11
	Quetta	000	9	6	18	02	95	20	2	469	58	4	1	6	4	1	43	67	000	0	0	00	00	97	02	0	502	52	0	0	9	0	0	30	38	—	—	0.4	+ 0.4	12.0	8
	Chamen	000	9	8	23	05	96	02	2	484	68	8	7	8	0	0	11	73	000	0	1	18	05	98	01	1	501	52	0	0	9	0	0	23	48	+ 4	+ 5	0.4	+ 0.4	6.7	7
	Nushki	000	0	7	23	05	97	02	2	483	59	7	0	7	3	0	30	65	000	0	0	09	05	98	02	0	523	41	0	0	9	0	0	32	36	+ 1	+ 5	1.1	+ 1.1	12.1	5
Afghanistan	Dalandin	000	0	8	18	31	97	03	2	534	75	8	0	9	2	0	52	77	000	0	0	09	05	98	02	0	576	40	0	0	9	0	0	31	55	—	—	0.6	—	3.9	—
	Kabul	000	8	7	23	02	97	03	2	484	78	0	0	9	0	4	33	80	000	9	0	09	03	97	02	1	473	45	0	0	9	0	0	25	43	—	+ 1	0.2	+ 0.2	2.4	5
	Kandahar	000	0	8	23	05	98	00	0	497	75	0	0	9	0	0	37	76	000	8	8	05	02	98	00	0	493	51	0	0	9	0	0	33	47	—	—	0.1	—	4.2	4

Circuits Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 15th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Saushia	73 248	647 00	0 05 02	99 02 0	120 79	00 9 00	25 81 5	—	0 53 66	1 05 x0
Minechiyomaru	73 103	661 00	2 02 07	98 01 8	120 81	00 9 04	86 61 8	—	...	...
Aronda Maih	73 220	684 00	0 00 00	97 0x 0	120 80	...		—		—
Tambamaru	73 247	586 00	1 32 05	99 02 0	125 59	15 5 00	36 40 0	—	0 03 68	—
Tambamaru	73 237	600 06	1 17 07	99 02 0	148 79	10 6 30	36 21 6	—	0 52 68	...
Bagdad	73 170	569 09	8 04 10	99 02 1	120 79	22 6 40	14 41 0	—	0 02 73	1 04 x1
Alfred	73 186	580 12	5 05 04	98 02 2	115 77	21 3 41	16 60 0	—	0 52 70	1 05 x0
Victoria	73 194	717 12	0 34 10	98 00 0	123 84	00 0 00	76 10 0	—	8 34 xx	—
Tambamaru	73 227	613 12	1 12 03	99 02 0	123 77	14 5 00	36 70 4	—	0 54 66	...
Bagdad	73 173	565 12	8 04 10	99 02 2	110 79	42 5 26	14 61 8	—	0 01 73	1 04 x1
Bagdad	73 177	569 15	7 07 06	99 02 2	115 77	42 5 70	14 20 5	—	0 51 73	1 07 31
Alfred	73 199	590 18	1 00 00	98 02 1	134 75	00 2 40	16 10 9	—	0 53 66	1 00 x0
Tambamaru	73 217	626 18	1 13 02	99 02 0	140 73	10 6 38	36 21 0	—	0 55 64	...
Dara	73 236	673 18	0 33 02	99 00 0	124 75	00 0 00	74 40 0	—	2 60 51	1 34 xx

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	012 182 145	000 232 115	—	490 112 072	..	113 085 999	371 012 999	814 575 999	511 608 002	960 818	235 005	421 068	—
Jiwani														
Karachi	00 00	009 162 138	097 178 145	..	490 168 562	..	125 098 999	389 010 999	828 580 999	523 690 999	..	—	..	...
Lahore														
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 155 125	886 145 138	826 085 058	—	—	—	—	—	—	826 085 058	—	—
Jiwani													
Karachi	00 00	900 192 072	..	..	..	—	—	—	—	—	900 192 072	—	—
Lahore													
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	1	2	4	5	6	7	8	9	10
Bogra	27 07	27 04	33 03	26 02	28 09	28 21	29 21	..	—
Chaklala	—	30 03	34 01	26 03	16 02	21 09	23 11	27 15	..
Chhor	36 07	22 06	20 06	15 10	19 07	22 13	25 11	25 17	26 26
Chittagong	31 11	34 05	05 05	15 10	19 06	—	—	..	—
Cox's Bazar	32 05	02 06	11 07	16 07	22 05	24 07	—	—	—
Dacca	34 04	35 06	36 05	06 04	36 04	29 17	29 19	28 24	—
Dalbandin	...	—	23 03	22 08	22 07	25 20	25 34	25 41	26 43
D. I. Khan	..	—	—	—	—	—	—	..	—
Drosh	—	..	—	—	13 01	24 01	23 03	23 03	..
Fort Sandeman	—	—	—	26 07	23 04	23 11	24 15	26 33	25 50
Jacobabad	16 02	21 03	19 03	20 14	22 17	24 23	25 26	..	..
Jessore	33 03	34 03	30 43	01 03	32 10	30 11	39 10	29 20	29 22
Jhelum	28 06	29 07	30 06	12 02	19 04	23 07	20 12	26 17	..
Jiwani	26 06	25 07	25 08	29 10	28 09	26 15	26 33	27 21	28 31
Karachi	24 04	31 04	34 02	05 08	21 08	22 10	23 13	34 16	25 25
Khanpur	32 02	20 06	21 07	22 06	21 01	23 19	..	—	..
Lahore	33 06	30 08	29 08	30 04	22 04	26 11	26 20	26 25	26 41
Multan	19 32	22 05	22 10	24 13	22 12	24 20	24 29	25 35	25 47
Muscat	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..
Peshawar	—	21 03	27 03	33 04	18 05	13 08	..	—	—
Quetta	—	—	—	—	22 07	25 13	24 19	26 43	26 48
Sharjah	—	—	—	—	—	—	..	—	..
Sylhet	22 04	29 03	30 04	34 02	15 09	15 04	—	..	—
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 12	36 06	04 04	35 03	33 03	28 21
Chaklala	...	...	—	..	—	—
Chhor	24 05	21 06	19 09	21 13	25 10	23 12
Chittagong	03 10	03 08	35 03	17 08	18 07	32 07
Cox's Bazar	02 08	01 09	02 03	16 08	30 03	32 05
Dacca	36 12	36 12	01 07	04 03	32 11	28 19
Dalbandin	—	—	07 14	12 08	24 07	25 08
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	14 04	08 03	34 02
Fort Sandeman	..	..	..	22 02	23 07	24 14
Jacobabad	04 03	14 01	24 06	22 18	25 10	25 17
Jessore	02 08	36 05	02 04	03 04	34 08	30 17
Jhelum	03 04	33 05	30 03	17 04	18 08	21 09
Jiwani	27 13	27 10	29 06	28 08	...	...
Karachi	30 12	29 09	20 05	30 04	28 04	26 11
Khanpur	08 06	13 09	13 08	20 06	24 10	23 17
Lahore	35 03	34 05	30 06	26 15	26 10	26 08
Multan	16 09	17 15	16 07	21 13	22 19	24 29
Muscat	—	—	—	—	—	..
Panjgur	—	—	..	..	—	—
Peshawar	..	—	..	—	—	..
Quetta	—	—	—	...	24 08	27 20
Sharjah	—	—	—	..	..	
Sylhet	09 08	10 03	12 05	08 06	33 03	27 15
Veraval	—	—	—	—	—	—

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	35 06	36 03	02 02	12 06	36 03	20 22	31 40	30 31	30 32	29 32	—
Chaklala	—	—	—	—	—	—	—	—	..	..	..
Chhor	..	—	—	..	—	—	29 13	30 16	30 22	29 21	29 38
Chittagong	01 05	04 01	11 04	17 10	17 10	19 01					
Cox's Bazar	35 02	06 02	10 05	16 03	32 02	29 09	—	—	—	—	..
Dacca	33 08	36 06	36 07	05 05	32 06	29 20	30 31	30 31	30 29	29 26	31 30
Dalbandin	—	—	07 11	10 08	03 04	27 02	24 12	25 30	26 45	25 55	26 57
D. I. Khan	—	—	—	—	—	—	—	—	—	..	..
Drosh	...	—	—	—	20 01	09 10	19 03	—	—	..	..
Fort Sandeman	..	—	—	23 03	24 08	27 13	25 09	26 25	24 42	24 49	28 64
Jacobabad	12 03	18 03	22 04	23 10	26 06	28 07	25 19	25 47	25 48	26 49	26 60
Jessore	34 05	33 06	33 05	29 03	26 13	31 19	31 27	31 23	30 27	29 25	29 24
Jhelum	03 01	14 01	22 04	20 05	18 04	21 09	21 11	24 17	25 30	23 39	25 51
Jiwani	27 09	26 08	27 06	27 10	32 15	27 22	27 27	26 29	26 40	—	..
Karachi	28 04	26 04	25 03	22 02	25 06	26 12	26 17	25 31	25 31	25 38	25 41
Khanpur	05 04	13 02	24 04	24 14	24 11	24 13	25 23	25 37	25 35	25 35	—
Lahore	17 02	22 03	26 03	27 10	27 13	23 11	24 12	25 27	26 40	26 50	
Multan	04 02	17 03	17 03	17 07	20 11	23 13	26 10	23 14	25 30	27 47	25 52
Muscat	—	—	...	—	..	—	—	...	..	..	..
Panjgur	—	—	—	—	..	—	—	...		..	—
Peshawar	—	..	—	...	..					..	—
Quetta	—	—	...	..	20 03	29 12	28 17	26 23	25 29		..
Sharjah		—									
Sylhet	05 03	06 02	15 05	15 09	10 04	26 10	27 49	29 33	29 35	30 49	30 35
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. a.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	[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	36 15	01 11	02 05	02 05	35 10	29 23	30 30	29 35	28 35	28 36	27 38	77 03	25 91	26 81	33 57	23 95	27 47	...
Karachi	30 12	29 12	20 07	20 03	24 04	25 08	27 10	26 17	26 25	25 35	26 45	27 50	—		—		...	
Peshawar	Misda	..	—	—	—	...	..	—	...	—	—	..	—	...	—			
Quetta																		

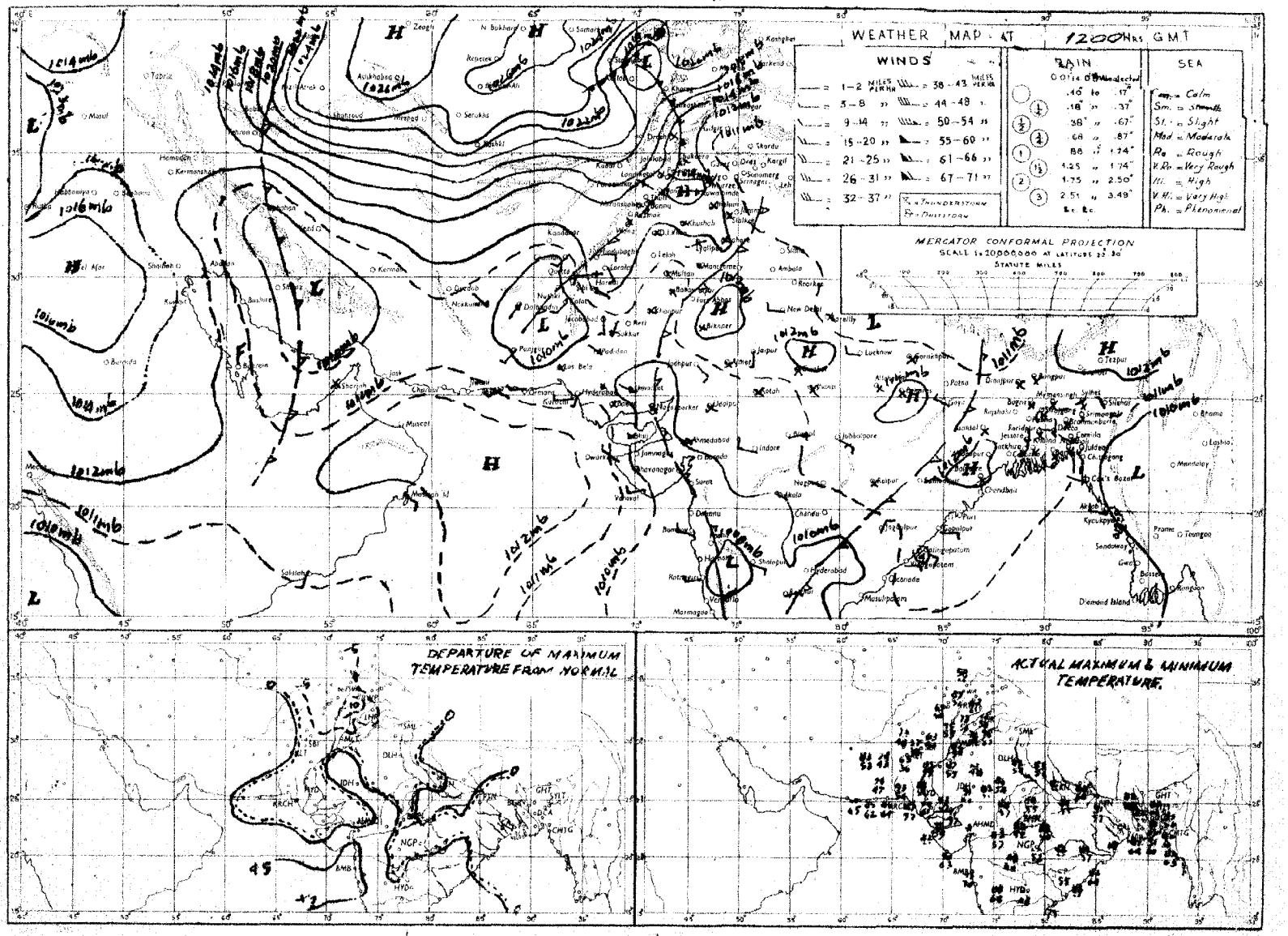
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 14th NOVEMBER, 1959.



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

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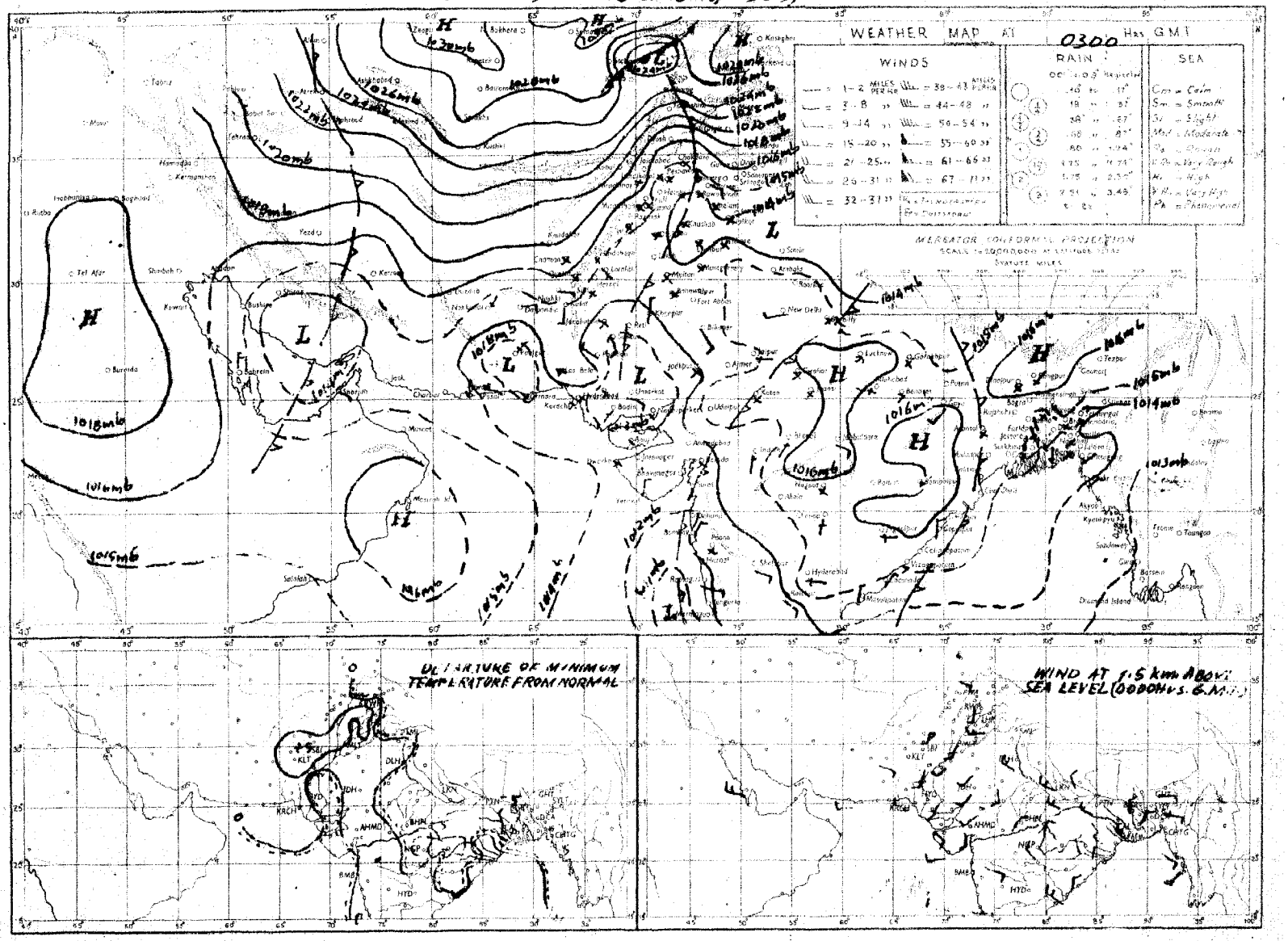
PAKISTAN DAILY WEATHER MAP

SUNDAY, 15th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 16th NOVEMBER, 1959.

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

Yesterday's western disturbance over south Iran and adjoining areas lies over Kalat division and is less marked.
Scattered light rain/drizzle have been reported from Peshawar division. Drosh recorded 1/4" of rainfall.
A fresh western disturbance lies over northeast Iran.
The low off Konkan-Kanara coast is less marked.
Weather remained dry over East Pakistan.
Night temperatures were:- 3—8 °F above normal in West Pakistan outside Hyderabad division and the Federal Capital Area and were 3—4°F below normal in lower Chittagong division.

Forecast valid until the evening of 17th November, 1959. Weather will be dry over the country.

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WEATHER BUREAU

Karachi-11
The 16th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	34	02	95	01	0	102	75	0	0	9	0	6	65	82
	Chittagong	000	0	0	34	05	xx	00	0	105	74	0	0	9	0	0	73	82
	Maijdee Court	000	0	9	00	00	xx	00	0	110	74	9	x	0	x	x	69	81
	Comilla	000	0	0	00	00	94	00	0	108	76	0	0	9	0	0	65	83
	Brahmanbaria	000	0	1	00	00	xx	01	0	113	75	1	5	5	0	0	67	82
	Sylhet	000	0	1	00	00	xx	07	0	107	70	1	1	0	0	0	62	82
	Srimangal	000	0	0	00	00	xx	00	0	108	73	0	0	9	0	0	66	84
Dacca	Mymensingh	000	0	0	0	00	97	00	0	115	77	0	0	9	0	0	66	81
	Narayanganj	000	9	2	00	00	xx	03	1	108	76	2	5	5	0	0	65	84
	Dacca (Tezgaon)	000	0	1	00	00	97	02	0	105	73	1	1	5	0	0	63	81
	Faridpur	000	8	0	00	00	95	05	0	133	77	0	0	9	0	0	64	81
	Barisal	000	0	0	36	01	97	02	2	118	78	0	0	9	0	0	64	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	115	76	0	0	9	0	0	66	82
	Satkhira	000	0	0	00	00	98	00	0	117	75	0	0	9	0	0	62	82
	Jessore	000	0	0	00	00	97	00	0	132	78	0	0	9	0	0	62	81
	Sirajganj	000	0	0	00	00	92	00	0	089	75	0	0	9	0	0	67	83
	Bogra	000	0	0	00	00	xx	00	0	109	74	0	0	9	0	0	63	81
	Dinajpur	000	0	0	00	00	x.	00	0	116	76	0	0	9	0	0	65	82
	Rangpur	000	0	0	00	00	96	01	0	xxx	75	0	0	9	0	0	65	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	0	00	00	96	02	1	121	71	0	0	9	0	0	59	80
	Sialkot	000	0	0	00	00	98	00	0	120	73	0	0	9	0	0	61	78
Rawalpindi	Jhelum	C00	0	1	00	00	96	02	0	118	73	1	1	7	0	0	58	78
	Rawalpindi	000	0	1	00	00	99	00	0	126	67	0	0	9	0	3	55	75
	Khushab	000	0	0	00	00	99	00	0	115	72	0	0	9	0	0	59	73
Multan	Lyallpur	000	0	0	00	00	96	00	0	117	76	0	0	9	0	0	53	81
	Montgomery	000	0	0	00	00	96	00	0	108	79	0	0	9	0	0	54	83
	Multan	000	0	0	00	00	99	00	0	104	80	0	0	9	0	0	52	81
Bahawalpur	Leiah																	
	Khanpur	000	0	0	00	00	96	01	0	094	84	0	0	9	0	0	59	88
	Bahawalpur	000	0	0	0o	00	97	00	0	104	84	0	0	9	0	0	61	87
	Fort Abbas	000	0	0	25	02	98	00	0	102	89	0	0	9	0	0	56	92
Peshawar	Chakdara	000	0	0	23	05	97	02	1	134	69	3	0	9	0	0	47	71
	Peshawar	000	0	1	00	00	96	05	1	125	67	1	7	0	3	0	53	72
	Haripur	000	5	7	13	04	97	03	2	110	70	7	6	6	0	0	48	76
	Campbellpur	000	0	0	36	02	98	00	0	135	70	0	0	9	0	0	52	75
D. I. Khan	Bannu	000	0	2	00	00	99	02	0	112	70	2	0	9	8	0	57	74
	D. I. Khan	000	6	0	00	00	98	00	0	104	76	0	0	9	0	0	62	78
Quetta	Sibi	000	0	0	13	02	99	05	0	097	82	0	8	9	0	0	47	83
Kalat	Nokkundi	000	0	0	34	02	99	02	0	103	77	0	0	9	0	0	27	80
	Turbat	000	0	0	23	03	98	00	0	108	85	0	0	9	0	0	63	87
	Jiwani	000	0	1	23	09	97	02	0	113	77	1	1	6	0	0	69	81
	Pasni	0C0	0	0	23	10	98	00	0	106	79	0	0	9	0	0	67	83
	Ormara	000	0	0	27	09	98	00	0	103	79	0	0	9	0	0	68	81
	Las Bela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	14	98	02	0	101	86	0	0	9	0	0	81	87
	Karachi (Air Port)	000	0	1	23	07	97	03	0	105	79	1	1	6	0	0	61	84
	Badin	000	0	0	00	00	97	00	0	102	83	0	0	9	0	0	54	88
	Nagarparkar	0C0	0	0	00	00	98	00	0	098	91	0	0	9	0	0	67	92
	Umarkot	C00	0	0	31	03	98	00	0	093	87	0	0	9	0	0	54	91
	Hyderabad	000	0	0	00	00	97	02	0	102	85	0	0	9	0	0	52	87
Khairpur	Pad-i-dan	000	0	0	00	00	98	02	0	101	84	0	0	9	0	0	54	86
	Nawabshah	000	0	0	18	02	97	02	0	109	85	0	0	9	0	0	47	88
	Sukkur	000	4	0	00	00	96	00	0	096	80	0	0	9	0	0	57	85
	Kashmore	C00	0	0		00	99	00	0	097	82	0	0	9	0	0	47	85
	Jacobabad	000	0	1		02	98	02	0	101	82	0	0	9	0	9	50	85
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	2	05	05	98	01	1	498	47	0	0	9	0	0	41	55
Peshawar	Drosh	000	8	8	00	00	96	03	2	498	54	8	5	6	x	x	39	57
	Cherat	000	0	0	18	03	98	00	0	507	57	0	0	9	0	0	54	66
	Kakul	000	4	3	13	05	97	05	2	498	58	2	0	9	2	1	45	66
	Landi Kotal	000	0	1	05	02	98	01	2	484	60	1	1	7	0	0	41	64
D. I. Khan	Parachinar	000	0	5	13	02	99	01	1	801	54	4	0	9	1	0	53	xx
	Miranshah	000	0	0	00	00	99	00	1	478	63	0	0	9	0	0	46	69
	Wana	000	0	0	18	03	99	00	0	461	63	0	0	9	0	0	37	62
	Fort Sandeman	000	2	2	27	02	98	03	0	476	70	2	1	7	0	0	35	73
Quetta	Hindubagh	000	0	1	23	05	98	01	0	432	63	1	0	9	1	0	25	66
	Loralai	000	0	0	13	03	98	00	0	389	64	0	0	9	0	0	40	68
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	2	00	00	95	02	0	476	65	2	1	5	0	0	48	66
	Chaman	000	0	0	27	02	97	00	0	490	67	0	0	9	0	0	15	70
Kalat	Kalat	000	0	1	31	05	98	01	1	488	59	1	1	7	0	0	36	65
	Nushki	000	0	0	31	05	98	02	0	531	72	0	0	9	0	0	32	73
	Dalbandin	000	0	0	09	03	96	02	0	498	74	0	0	9	0	0	32	75
	Panjgur	000	0	0	13	02	98	00	0	499	75	0	0	9	0	0	41	75
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility VV (25)	Present weather ww (26)	Past Weather W (27)	Sea level Pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	2	02	02	97	03	0	134	74	1	0	7	5	4	66	63	— 3	— 4	0	— 2.4	141.0	140
Chittagong	000	0	0	05	02	96	00	0	142	73	0	0	9	0	0	64	62	— 2	— 3	0	— 1.5	142.9	108
Maijdee Court	000	9	0	00	00	98	00	0	144	75	0	0	9	0	0	67	65	— 2	0	0	— 1.1	144.7	115
Comilla	000	0	0	00	00	97	00	0	156	76	0	0	9	0	0	67	72	— 2	+ 9	0	— 1.0	107.7	94
Brahmanbaria	000	0	1	05	02	97	03	1	148	77	1	1	5	0	0	66	66	—	—	0	— 0.9	85.2	76
Sylhet	000	0	1	09	05	97	02	0	142	71	1	1	6	0	0	66	61	—	—	0	—	193.9	—
Srimangal	000	0	0	00	00	96	00	0	146	73	0	0	9	0	0	65	55	— 3	— 4	0	— 1.2	109.4	78
Mymensingh	000	0	0	11	02	97	00	0	150	79	0	0	9	0	0	65	63	— 2	— 2	0	— 0.7	113.3	91
Narayanganj	000	9	0	36	02	96	10	4	144	74	0	0	9	0	0	65	65	0	0	0	— 0.8	103.9	74
Dacca (Tezgaon)	000	0	0	36	02	97	02	0	141	73	0	0	9	0	0	65	62	—	—	0	—	103.6	—
Faridpur																		— 1					71
Barisal	000	0	0	36	01	97	02	0	146	72	0	0	9	0	0	64	64	— 2	0	0	— 1.1	140.5	81
Khulna	000	0	0	00	00	97	00	0	149	77	0	0	9	0	0	62	63	— 1	— 2	0	— 1.0	102.8	68
Satkhira	000	0	0	00	00	98	00	0	150	74	0	0	9	0	0	59	61	— 3	— 2	0	— 0.6	92.1	65
Jessore	000	0	0	36	02	97	00	0	146	69	0	0	9	0	0	61	60	—	—	0	— 0.8	105.8	65
Sirajganj	000	0	0	00	00	98	00	0	141	76	0	0	9	0	0	61	61	—	—	0	— 0.6	107.2	64
Bogra	000	0	0	05	02	96	02	0	146	73	0	0	9	0	0	61	62	— 1	0		— 0.7	104.4	64
Dinajpur	000	0	0	00	00	96	00	0	145	72	0	0	9	0	0	60	59	— 1	— 1	[illegible]	— 0.3	66.9	72
Rangpur	000	0	0	05	02	96	02	0	xxx	71	0	0	9	0	0	66	60	—	0	0	— 0.3	104.4	64
Jammu																							—
Lahore (Jail Rd)	000	0	0	00	00	95	10	0	158	61	0	0	9	0	0	57	54	— 3	+ 8	1.1	+ 1.1	27.1	19
Sialkot	000	0	2	00	00	98	01	0	152	63	2	0	9	3	0	52	52	— 4	+ 3	3.1	+ 3.0	61.8	32
Jhelum	000	3	6	27	02	97	03	2	154	56	2	0	9	3	6	54	53	—	—	3.4	—	53.5	—
Rawalpindi	000	0	6	27	02	98	02	1	171	55	6	0	9	3	0	51	52	— 3	+ 9	3.2	+ 3.1	55.5	36
Khushab	000	0	0	00	00	99	00	0	154	59	0	0	9	0	0	54	56	— 11	+ 7	1.1	+ 1.1	36.5	15
Lyallpur	000	0	5	16	02	96	02	0	152	60	3	0	9	2	0	56	58	— 1	+ 10	0.7	+ 0.7	19.0	12
Montgomery	000	0	0	00	00	96	00	0	146	57	0	0	9	0	0	55	56	— 2	+ 5	0.1	+ 0.1	8.5	10
Multan	000	0	1	13	02	97	03	0	151	60	0	0	9	0	1	53	57	— 3	+ 7	0.1	+ 0.1	8.3	7
Leiah	000	0	0	36	02	96	04		164	59	0	0	9	0	0	56	55			0.5	—	7.0	8
Khanpur	000	0	0	02	04	96	02	0	136	60	0	0	9	0	0	51	58	+ 1	+ 7	0	0	1.4	6
Bahawalpur	000	0	0	00	00	97	00	0	147	61	0	0	9	0	0	54	55	+ 2	+ 1	0.1	+ 0.1	6.6	4
Fort Abbas	000	0	0	07	02	98	00	0	148	61	0	0	9	0	0	49	51	—	—	1.0	—	10.2	4
Chakdara	000	0	5	36	01	97	03	2	159	54	5	0	8	4	0	50	51	—	—	5.4	—	31.9	—
Peshawar	C00	0	5	13	05	97	01	1	179	55	1	5	6	3	0	53	52	— 5	+ 4	5.0	+ 5.0	27.3	14
Haripur	000	3	5	23	04	97	03	5	143	56	5	0	9	7	0	49	49	—	—	4.0	—	35.2	—
Campbellpur	000	0	0	00	00	98	0o	0	187	58	0	0	9	0	0	53	54	—	—	3.1	—	39.1	—
Bannu	000	0	3	00	00	99	02		155	60	3	0	9	8	0	51	54	—	—	2.4	—	15.2	11
D. I. Khan	000	2	2	00	00	98	01	0	146	61	0	0	9	0	2	56	57	— 5	+ 10	1.6	+ 1.6	16.5	10
Sibi	000	0	0	03	00	99	00	0	145	56	0	0	9	0	0	52	55	—	—	4.0	—	9.2	5
Nokkundi	000	0	0	13	02	99	02	0	189	53	0	0	9	0	0	29	49	—	—	0.5	—	1.6	2
Turbat	000	0	0	09	02	96	00	0	132	85	0	0	9	0	0	60	xx	—	—	0.6	—	7.9	—
Jiwani	000	0	0	01	00	97	02	0	132	67	0	0	9	0	0	65	63	—	—	0.8	—	7.5	4
Pasni	000	0	0	00	00	98	00	0	133	68	0	0	9	0	0	63	63	— 3	+ 4	0.3	+ 0.2	3.4	6
Ormara	000	0	0	00	00	98	00	0	130	70	0	0	9	0	0	65	65	—	—	2.7	+ 2.7	6.8	6
Las Bela	000	0	0	00	00	96	00	0	150	73	0	0	9	0	0	58	56		—	0.4	—	7.3	8
Karachi (Manora)	000	0	0	C0	00	95	05	0	131	67	0	0	9	0	0	53	65	+ 1	— 1	1.8	+ 1.5	18.1	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	133	64	0	0	9	0	0	61	59	—	—	3.3	—	26.1	—
Badin	C00	0	0	00	00	96	00	0	135	67	0	0	9	0	0	62	65	— 4	—	0.4	+ 0.3	11.5	9
Nagarparkar	000	0	0	00	00	98	00	0	132	82	0	0	9	0	0	64	77	—	—	0	—	30.5	—
Umarkot	000	0	0	05	02	98	00	0	126	66	0	0	9	0	0	59	59	—	—	0.5	—	20.8	—
Hyderabad	000	0	0	00	00	95	10	0	132	63	0	0	9	0	0	59	57	— 3	— 2	0.5	+ 0.5	45.9	7
Pad-i-dan	000	0	0	00	00	97	02	0	140	63	0	0	9	0	0	51	54	—	—	0.3	—	7.9	—
Nawabshah	000	0	0	00	00	97	02	0	144	58	0	0	9	0	0	50	53	—	—	0.3	—	7.3	—
Sukkur	000	0	0	16	02	96	00	0	135	64	0	0	9	0	0	51	60	—	—	0.8	—	5.3	4
Kashmore	000	0	0	05	05	99	00	0	150	71	0	0	9	0	0	51	57	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	98	02		143	64	0	0	9	0	0	51	59	— 2	+ 6	0.8	+ 0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	4	02	05	97	01	1	517	44	4	0	9	8	0	35	39	— 3	— 2	4.2	+ 3.9	82.6	59
Drosh	020	8	5	00	00	97	01	6	523	44	3	5	6	3	0	41	43	— 8	0	3.1	—	34.0	18
Cherat	000	0	0	36	03	99	00	1	522	51	0	0	9	0	0	46	43	— 1	— 4	5.7	+ 5.5	37.1	29
Kakul	000	9	4	31	07	97	01	2	514	49	2	4	6	3	0	45	48	—	—	4.4	—	59.4	—
Landi Kotal	000	0	3	00	00	98	03	5	498	47	3	0	9	3	0	44	43	—	—	3.9	—	22.8	—
Parachinar	000	0	0	00	00	99	00	0	801	42	0	0	9	0	0	39	xx	—	—	5.3	—	33.4	29
Miranshah	000	0	0	00	00	99	00	0	500	50	0	0	9	0	0	44	47	—	—	1.1	+ 1.1	8.1	[illegible]
Wana	000	0	0	00	00	99	00	0	496	44	0	0	9	0	0	40	41	—	—	1.1	—	15.2	—
Fort Sandeman	000	0	0	00	00	98	02	0	512	50	0	0	9	0	0	42	46	0	+ 7	4.7	+ 4.7	20.7	11
Hindubagh	000	0	0	00	00	98	00	0	481	43	0	0	9	0	0	24	42	—	—	3.3	—	16.0	—
Loralai	000	0	0	31	03	98	00	0	390	46	0	0	9	0	0	28	41	—	—	4.3	—	17.3	—
Harnai	000	0	0	09	01	96	C0	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.8	18.7	14
Quetta	000	0	0	00	00	92	00	0	519	46	0	0	9	0	0	33	33	—	—	1.6	+ 1.6	12.0	8
Chaman	000	9	0	C9	01	97	00	0	525	48	0	0	9	0	0	26	46	+ 1	+ 4	0.4	+ 0.4	6.7	7
Kalat	000	0	0	18	03	97	00	0	540	40	0	0	9	0	0	31	32	+ 1	+ 2	1.1	+ 1.1	12.1	9
Nushki	000	0	0	09	05	98	00	0	572	57	0	0	9	0	0	25	48	—	—	0.6	—	3.9	—
Dalbandin	000	0	0	00	00	97	02	0	503	43	0	0	9	0	0	27	41	— 4	+ 2	0.2	+ 0.2	2.4	5
Panjgur	000	0	0	05	02	98	L0	0	503	50	0	0	9	0	0	34	48	—	+ 4	0.1	—	4.2	4
Kabul																							12
Kandahar																							—

† Climatic Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 16th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GO	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	0 TwTwTwTw	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
London Pride	13 202	589 06	0 27 03	98 02 0	161 77	00 9 00	45 32 0	—	0 52 71	1 00 20
Santhia	13 225	685 06	0 32 02	99 02 0	142 79	00 2 00	35 11 5	—	0 51 66	1 33 x0
Bagdad	13 203	690 06	1 06 03	99 02 0	150 79	00 9 08	14 21 0	—	0 00 73	1 06 x0
Tambamaru	13 198	652 06	1 35 06	99 02 0	154 79	11 5 01	36 21 3	—	0 53 68	...
Dalila	13 152	517 09	2 09 15	88 02 0	107 82	12 5 40	16 72 1	—	0 00 75	1 08 21
Bagdad	13 208	593 09	1 30 02	99 02 0	130 79	00 9 08	14 63 0	—	0 02 63	1 22 x0
Alfred Fraissinet	12 242	584 12	0 36 03	98 02 0	125 77	00 9 00	76 80 0	—	0 55 63	1 08 x0
Dalila	13 155	525 12	4 08 15	98 00 0	095 82	42 5 30	16 71 2	—	0 00 xx	1 08 21
Tambamaru	13 189	467 12	1 01 09	99 01 0	122 79	11 4 01	36 70 3	—	0 52 68	
Albadio	13 236	673 12	2 17 09	98 02 0	117 80	24 2 00	33 60 8	—	0 02 67	1 17 21
Tambamaru	13 179	680 18	1 02 08	99 02 0	127 79	00 9 01	36 80 2	—	0 53 70	...
Bagdad	13 227	598 18	0 05 02	99 02 0	135 77	00 9 00	14 20 5	—	0 00 66	1 06 x0
Dara	13 248	668 18	0 27 09	99 00 0	123 75	00 9 00	65 20 5	—		1 26 21
Alfred Fraissinet	13 255	573 18	0 34 02	98 02 0	134 77	00 9 00	76 20 4	—	0 55 66	1 34 x0
Dalila	13 160	573 18	1 08 15	98 02 0	120 77	16 1 10	16 11 0	—	0 56 75	1 08 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
Bagra														
Chittagong														
Dacca	23 00	011 182 155	101 285 072	—	518 135 505	..	106 088 999	—	—	—	957 845	228 050	—	—
Jiwani														
Karachi	01 00	009 142 155	103 218 182	..	490 190 999	..	132 080 999	388 508 999	807 578 999	480 735 999	951 878	221 028	..	—
Lahore														
Multan														
Peshawar	23 00	972 118 112	—	—	420 115 999	..	075 500 999	294 572 999	690 668 999	333 798 999	933 932	200 026	384 845	841 112
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	23 00	900 162 118	..	..	—	—	—	—	—	—	900 162 118	—	—
Jiwani													
Karachi	01 00	900 202 112	..	..	..	...	—	—	—	—	900 202 112	—	—
Lahore													
Multan													
Peshawar	23 00	900 145 999	800 080 999	350 852 999	250 982 999	255 118 999	..	—	—	—	055 118 999	..	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → STATION	0.3	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
Bagra	33 03	35 05	36 03	31 03	31 07	..	—	..	—
Chilas	..	..		—	..		..	—	..
Chitral	26 06	19 05	19 06	17 07	22 08	25 13	26 27		26
Chittagong	32 11	35 08	03 07	15 06	19 04	—	—	..	—
Cox's Bazar	33 10	04 12	12 03	14 10	30 03	—	—	—	—
Dacca	33 06	31 06	32 04	33 01	26 06	28 19	29 26	29 35	28
Dalbandin	—	—	09 04	06 06	33 05	30 06	26 27	28 43	26
D. I. Khan	..	—	—			—	—	..	—
Drosh	—	..	—	—	16 01	20 12	..	..	—
Fort Sandeman	—	—	—	27 05	21 02	21 05	27 25	26 49	26 52
Hyderabad	21 01	20 02	20 03	19 05	26 03	21 01	25 37	25 49	25 52
Jessore	33 09	34 07	35 08	29 07	17 06	28 19	—	..	..
Jhelum	21 04	19 04	19 02	22 03	16 06	20 18	26 20	26 34	26 40
Jiwani	25 05	29 05	28 05	32 08	31 14	28 21	27 35	27 41	27 46
Karachi	26 10	29 09	30 06	23 04	26 13	27 19	27 21	26 33	26 41
Khanpur	28 04	24 04	23 07	21 13	21 06	24 12	24 35	26 45	..
Lahore	06 01	36 01	35 01	23 07	24 10	24 08	24 15	26 31	27 38
Multan	06 25	11 05	20 07	22 10	22 11	24 10	25 27	26 39	25 51
Muscat	—	—	—	—	—	—	..	..	—
Panjgur	—			—	—	—	—	..	..
Peshawar	—	06 04	01 01	16 05	12 02	17 06	24 15	24 18	25 25
Quetta	—	—	—	—	31 04	26 10	27 10	25 42	25 45
Sharjah	—	..	—	—	—	—	—	—	...
Sylhet	23 05	22 03	16 01	18 11	06 02	28 15	—	..	—
Veraval	—	—	—	—	—	—	—	—	—

At 0000 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0
1	11	12	13	14	15	16
Bagra	35 09	35 04	35	12 04	06 04	33 18
Chilas	—	07 04	05 03	06 03	16 04	—
Chitral	28 07	24 07	19 07	17 11	24 10	25 18
Chittagong	02 09	02 04	35 03	17 12	25 05	31 21
Cox's Bazar	36 07	xx xx	xx xx	16 05	29 05	32 16
Dacca	36 11	36 06	36 09	03 03	30 07	32 24
Dalbandin	—	—	07 06	07 08	31 04	32 12
D. I. Khan	—	—	—			
Drosh	—	—	—	04 02	05 09	02 15
Fort Sandeman	..	..	..	25 01	29 08	28 14
Hyderabad	01 02	28 02	28 01	27 05	29 04	27 03
Jessore	02 07	36 06	02 04	02 04	32 10	33 19
Jhelum	36 03	33 07	29 06	32 01	24 07	23 13
Jiwani	31 05	33 14	32 14	32 17	32 12	29 14
Karachi	30 09	31 09	32 04	02 15	01 14	25 20
Khanpur	01 10	33 09	31 07	25 15	23 20	31 06
Lahore	09 06	08 06	25 06	28 06	26 09	24 15
Multan	34 08	01 07	01 06	28 06	27 07	31 13
Muscat	—	—	—	..	—	..
Panjgur	—	—	..	—	—	—
Peshawar	..	No	Ascent	—	—	..
Quetta	..	—	—	—	29 03	29 12
Sharjah	—	..				
Sylhet	09 10	06 02	09 03	04 09	11 01	32 20
Veraval	—	—		—		—

At 0600 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Bagra	32 06	35 03	01 02	08 04	02 03	30 21	29 31	30	29 39	—	—
Chilas	—	—	—	—	—	—	—	—	—	..	..
Chitral	..		—	..			..			—	—
Chittagong	33 02	36 03	16 04	23 08	28 13	30 15	31 22	32 24	9 21	28 19	—
Cox's Bazar	02 05	03 06	03 05	17 07	26 08	31 14	31 14	32 19	—		
Dacca	35 07	36 08	36 06	xx xx	xx xx	xx xx	28 28	29 27	29 31	28 31	27 46
Dalbandin	—	—	08 11	06 17	01 09	35 09	28 22	29 30	28 34	26 35	..
D. I. Khan	—	—	—	—	—	..	—	—	—	..	..
Drosh	..	—	—	—	21 02	23 09	18 0	22 12	—	—	..
Fort Sandeman	..	..	—	..	—	—	—	—	—	..	..
Hyderabad	11 09	10 03	09 01	03 03	03 06	08 05	27 19	27 33	28 43	27 37	27 54
Jessore	25 08	34 11	34 10	32 07	32 13	31 28	29 25	31 24	29 25	26 29	26 33
Jhelum	33 03	27 04	24 04	23 06	22 03	25 09	—	—	—	—	—
Jiwani	01 04	04 05	02 04	33 07	31 09	29 10	26 14	27 27	27 31	27 41	
Karachi	34 05	35 08	01 09	02 10	02 06	28 14	28 20	28 36	29 47	27 54	27 70
Khanpur	02 05	03 08	03 05	28 05	28 08	35 09	32 10	31 19	31 18	—	—
Lahore	13 02	12 03	12 03	24 05	30 07	31 10	27 12	27 33	26 41	27 60	
Multan	35 09	36 10	01 05	30 04	28 03	32 08	29 08	29 16	28 25	27 44	27 62
Muscat	—	—	..	—	..	—	—	—	..	..	..
Panjgur	—	..	No	—	..	—	—	..			..
Peshawar	—	—	—	Ascent	..			..		..	
Quetta		—	—	..	27 03	33 09	31 13	29 19	29 28	29 39	27 66
Sharjah		—	..	—							..
Sylhet	07 03	05 03	12 04	13 08	05 07	32 06	26 42	30 49	29 41	..	..
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. a.s.l. STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	36 10	02 09	02 11	35 05	21 06	31 21	30 35	30 38	28 40	29 53	28 56	28 84	28 97	—	—	..	...	...
Karachi	28 05	29 07	32 08	33 18	03 18	27 16	27 35	27 41	27 42	26 47	26 48	26 61	30 77	..	—	..	...	...
Peshawar	Misd	..	—	—	—	..	..	—	...	—	—	—	—	..	—			
Quetta																		

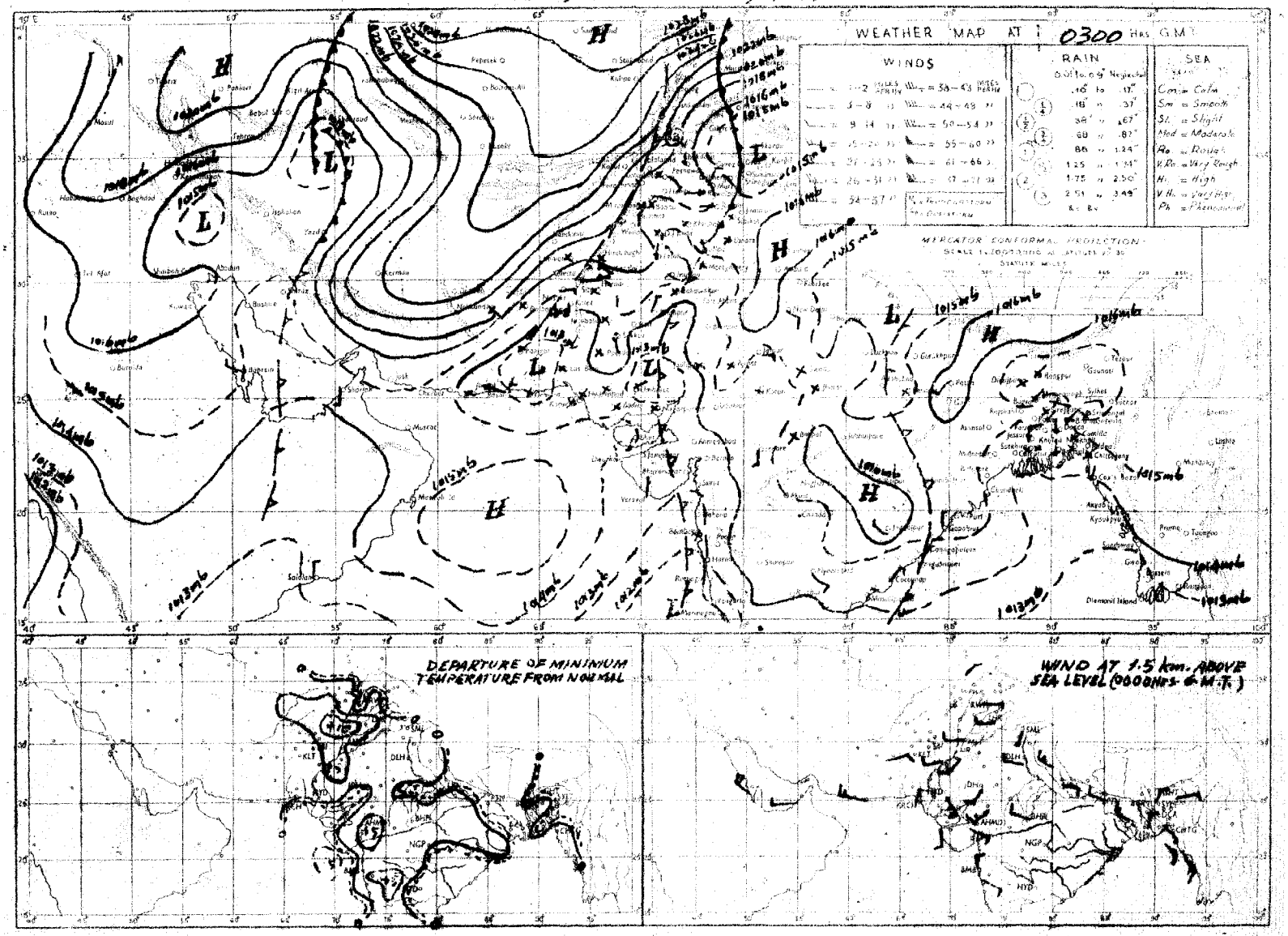
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

MONDAY, 10th NOVEMBER, 1959.



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

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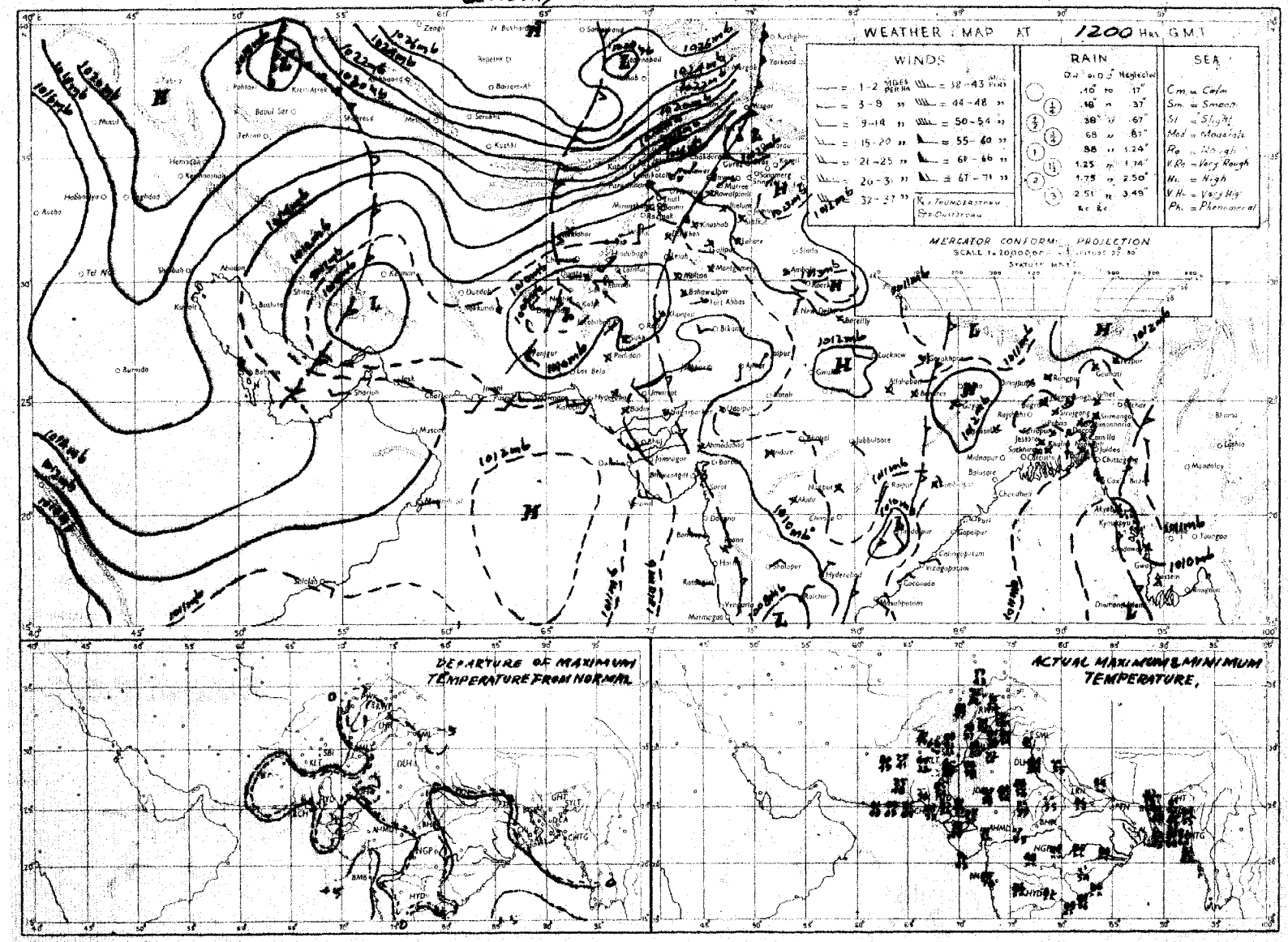
PAKISTAN DAILY WEATHER MAP

SUNDAY, 15th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 17th NOVEMBER, 1959.

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

Yesterday's western disturbance over Kalat division has become unimportant.

The western disturbance over northeast Iran is now moving across Russian Turkistan northwest of Afghanistan.

A fresh western disturbance is affecting west Iran,

Night temperatures were:- 3—8 °F above normal over West Pakistan outside Peshawar and north Kalat divisions and the Federal Capital Area and 3—4°F above normal in lower Chittagong division.

Forecast valid until the evening of 18th November, 1959. Weather will be dry over the country.

Karachi-11
The 17th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past Weather (W)	Sea level Pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud Form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Imum Temperature °F (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	134	75	0	0	9	0	6	65	82	000	0	1	07	02	97	03	0	125	75	1	1	7	0	0	67	63	— 2	— 4	0	— 2.4	141.0	140
	Chittagong	000	0	0	34	05	xx	00	0	105	74	0	0	9	0	0	63	83	000	0	0	07	02	96	00	0	127	74	0	0	9	0	0	67	63	— 1	— 2	0	— 1.5	142.1	140
	Muijdee Court	000	9	0	05	00	xx	00	0	109	74	0	0	9	0	0	71	81	000	0	0	00	00	98	00	0	133	75	0	0	9	0	0	65	64	— 2	— 1	0	— 1.3	144.3	115
	Comilla	000	0	0	00	00	94	00	0	109	75	0	0	9	0	0	64	83	000	0	0	00	00	97	00	0	126	75	0	0	9	0	0	64	62	0	— 1	0	— 1.0	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	110	75	0	0	9	0	0	66	81	000	0	0	05	02	97	00	0	149	75	0	0	9	0	0	67	65	—	—	0	— 1.0	88.2	76
	Sylhet	000	0	0	00	00	xx	02	0	104	71	0	0	9	0	0	62	81	000	0	1	09	05	97	02	0	125	71	1	1	6	0	0	65	60	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	108	72	0	0	9	0	0	64	83	000	0	0	00	00	96	00	0	130	71	0	0	9	0	0	65	58	— 3	— 4	0	— 1.2	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	113	77	0	0	9	0	0	67	83	000	0	0	09	02	97	00	0	138	72	0	0	9	0	0	66	64	+ 1	0	0	— 0.7	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	0	106	76	0	0	9	0	0	67	84	000	9	0	36	02	96	05	0	134	77	0	0	9	0	0	68	65	+ 1	0	0	— 0.8	103.9	74
	Dacca (Tejgaon)	000	0	1	00	00	97	01	0	108	74	1	0	9	3	0	64	81	000	9	0	36	02	97	02	0	128	72	1	0	9	4	0	66	62	—	—	0	—	103.6	—
	Faridpur	000	8	1	05	00	95	05	0	106	79	1	4	8	0	0	63	81	000	9	0	36	02	95	05	0	135	75	0	0	9	0	0	63	61	0	— 2	0	— 0.9	116.6	71
	Barisal	000	0	0	00	00	97	02	0	102	75	0	0	9	0	0	58	81	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	— 2		0			81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	114	74	0	0	9	0	0	63	82	000	0	0	00	00	97	00	0	137	75	0	0	9	0	0	60	63	— 1	— 2	0	— 1.0	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	119	74	0	0	9	0	0	63	82	000	0	0	00	00	98	00	0	136	71	0	0	9	0	0	60	61	— 3	— 2	0	— 0.7	92.1	65
	Jessore	000	0	0	36	02	97	00	0	124	79	0	0	9	0	0	67	82	000	0	0	36	02	97	02	0	142	70	0	0	9	0	0	63	59	—	—	0	— 0.8	105.8	65
	Sirajganj	000	0	0	00	00	92	00	0	095	73	0	0	9	0	0	68	84	000	0	0	00	00	98	00	0	125	75	0	0	9	0	0	69	62	+ 2	0	0	— 0.6	107.2	64
	Bogra	000	0	0	00	00	xx	00	0	117	73	0	0	9	0	0	67	82	000	0	0	02	02	96	02	0	132	72	0	0	9	0	0	61	61	— 0	— 1	0	— 0.7	104.4	59
	Dinajpur	000	0	0	00	00	xx	00	0	109	75	0	0	9	0	0	64	83	000	0	0	00	00	96	00	0	125	70	0	0	9	0	0	60	60	+ 1	0	0	— 0.3	44.9	72
	Rangpur	000	0	0	00	00	96	02	0	xxx	73	0	0	9	0	0	65	81	000	0	1	00	00	96	01	0	xxx	69	1	0	9	1	0	64	60	— 1	0	0	— 0.4	104.4	94
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	*0	130	73	0	0	9	0	0	57	80	000	0	0	31	02	96	02	0	157	61	0	0	9	0	0	54	56	— 2	+ 10	1.1	+ 1.1	27.1	19
	Sialkot	000	0	0	00	00	97	00	0	128	74	0	0	9	0	0	57	78	000	0	0	00	00	97	00	0	149	60	0	0	9	0	0	51	53	— 2	+ 7	3.1	+ 3.1	61.8	33
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	131	75	1	1	7	0	0	58	80	000	0	0	31	05	97	02	0	156	59	0	0	9	0	0	51	54	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	1	27	02	99	02	0	140	68	1	2	7	0	0	56	75	000	0	0	00	00	98	00	0	181	50	0	0	9	0	0	49	47	— 2	+ 4	3.2	+ 3.1	35.3	36
	Khushab	000	0	0	00	00	99	00	0	137	75	0	0	9	0	0	60	xx	000	0	0	00	00	99	00	0	161	61	0	0	9	0	0	54	55	—	+ 6	1.1	+ 1.1	26.5	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	124	76	0	0	9	0	0	54	78	000	0	0	00	00	95	00	0	160	56	0	0	9	0	0	55	54	— 3	+ 6	0.7	+ 0.7	19.8	12
	Montgomery	000	0	0	00	00	96	00	0	119	78	0	0	9	0	0	54	82	000	0	0	00	00	96	00	0	162	57	0	0	9	0	0	55	54	— 1	+ 3	0.1	+ 0.1	8.5	10
	Multan	000	0	0	00	00	98	02	0	129	77	0	0	9	0	0	54	79	000	0	0	13	02	94	02	0	164	60	0	0	9	0	0	54	58	— 3	+ 8	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	03	98	02	0	133	80	0	0	9	0	0	54	80	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—				8
	Khanpur	000	0	0	00	00	96	02	0	129	80	0	0	9	0	0	61	84	000	0	0	36	03	96	02	0	156	59	0	0	9	0	0	56	57	— 3	+ 6	0	— 0	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	126	79	0	0	9	0	0	58	82	000	0	0	00	00	97	00	0	165	65	0	0	9	0	0	55	55	— 3	+ 4	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	129	84	0	0	9	0	0	61	87	000	0	0	07	02	98	00	0	155	60	0	0	9	0	0	53	52	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	2	23	02	97	01	1	146	69	2	0	8	7	0	49	70	000	0	0	36	05	97	00	0	179	50	0	0	9	0	0	46	46	—	—	5.4	—	31.9	—
	Peshawar	000	0	5	23	05	97	02	1	153	67	5	9	6	3	0	55	72	100	0	0	23	02	97	02	0	186	54	0	0	9	0	0	48	47	— 4	— 1	5.0	+ 3.0	28.5	14
	Peshawar	000	3	3	05	04	97	02	1	124	67	3	4	6	0	0	63	76	000	0	0	23	06	97	00	0	156	52	0	0	9	0	0	45	49	—	—	4.0	—	35.2	—
	Peshawar	000	0	2	00	00	98	02	0	163	68	2	0	9	8	0	51	72	000	0	0	00	00	98	00	0	163	56	0	0	9	0	0	48	49	—	—	3.1	—	39.1	—
D. I. Khan	Campbellpur	000	0	1	16	01	99	01	0	138	71	1	1	6	0	0	56	74	000	0	0	00	00	99	00	0	xxx	49	0	0	9	0	0	43	46	—	—	2.4	—	15.2	11
	Bannu	000	6	0	00	00	98	00	0	131	74	0	0	9	0	0	61	80	000	0	0	00	00	98	00	0	170	60	0	0	9	0	0	56	55	—	+ 8	1.6	+ 1.6	14.5	10
	D. I. Khan																																								
Quetta	Sibi	000	0	0	18	02	99	05	0	128	81	0	0	9	0	0	51	83	000	0	0	00	00	99	00	0	165	56	0	0	9	0	0	52	55	—	—	4.0	—	9.2	5
	Nokkundi	000	0	0	18	02	99	02	0	130	77	0	0	9	0	0	35	78	000	0	0	36	03	99	02	0	192	50	0	0	9	0	0	33	50	—	—	0.5	—	1.6	2
	Turbat	000	0	0	09	02	98	00	0	118	89	0	0	9	0	0	67	93	100	0	0	13	02	96	00	0	148	67	0	0	9	0	0	46	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	0	23	03	97	02	0	119	81	0	0	9	0	0	75	85	000	0	0	09	02	97	02	0	142	69	0	0	9	0	0	46	65	—	—	0.5	—	7.5	4
	Panjgur	000	0	0	23	03	98	00	0	111	83	0	0	9	0	0	66	87	000	0	0	00	00	98	00	0	144	64	0	0	9	0	0	61	62	+ 2	+ 3	0.3	+ 0.2	3.4	6
	Ormara	000	0	0	23	02	98	00	0	103	83	0	0	9	0	0	62	86	000	0	0	00	00	98	00	0	141	67	0	0	9	0	0	62	63	—	—	2.7	+ 2.7	6.0	6
	Las Bela	000	0	0	00	00	98	00	0	119	90	0	0	9	0	0	52	93	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	12	98	02	0	111	85	0	0	9	0	0	76	88	000	0	0	02	12	95	05	0	145	68	0	0	9	0	0	49	64	+ 4	— 4	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	23	05	96	02	0	112	81	0	0	9	0	0	64	89	000	0	0	36	02	97	02	0	148	67	0	0	9	0	0	50	59	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	97	00	0	114	84	0	0	9	0	0	55	87	000	0	0	02	00	98	00	0	144	66	0	0	9	0	0	53	66	—	—	0.4	+ 0.3	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	094	92	0	0	9	0	0	66	93	000	0	0	00	00	98	00	0	126	80	0	0	9	0	0	53	73	—	—	0	—	30.5	—
	Umarkot	000	0	0	27	02	98	00	0	098	87	0	0	9	0	0	55	91	000	0	0	02	02	98	00	0	130	60	0	0	9	0	0	54	57	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	00	00	97	02	0	115	83	0	0	9	0	0	61	87	000	0	0	00	00	97	02	0	147	67	0	0	9	0	0	56	64	— 1	— 5	0.5	+ 0.5	15.9	7
Khairpur	Padidan	000	0	0	31	05	97	02	0	122	80	0	0	9	0	0	54	84	000	0	0	36	02	97	02	0	160	62	0	0	9	0	0	56	57	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	36	03	97	02	0	124	84	0	0	9	0	0	51	84	000	0	0	27	02	96	02	0	163	60	0	0	9	0	0	56	56	—	—	0.3	—	7.5	—
	Sukkur	000	0	0	02	03	96	00	0	116	80	0	0	9	0	0	54	84	000	0	0	11	03	96	00	0	152	68	0	0	9	0	0	54	62	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	122	80	0	0	9	0	0	54	82	000	0	0	00	00	99	00	0	164	65	0	0	9	0	0	51	56	—	—	1.1	—	3.4	4
	Jacobabad	000	0	0	09	02	98	02	0	120	82	0	0	9	0	0	55	84	000	0	0	00	00	98	02	0	155	65	0	0	9	0	0	54	60	— 1	+ 7	0.3	+ 0.3	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								24
	Srinagar																																								—
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Minar																																								5
	Allabad																																								—
	Gilgit																																								—
Rawalpindi	Murree	000	9	4	00	00	97	01	1	514	66	2	1	4	8	0	38	51	000	9	0	07	09	98	00	1	539	43	0	0	9	0	0	33	37	— 5	— 4	4.2	+ 3.9	82.6	59
	Drosh	000	3	4	00	00	97	01	5	510	5	4	1	7	0	0	38	67	000	0	0	00	00	98	02	0	550	41	0	0	9	0	0	31	40	+ 3	— 11	3.3	—	34.0	18
	Chitral	000	9	3	36	03	97	01	1	527	54	3	3	4	0	0	49	62	000	0	0	23	02	98	02	0	536	51	0	0	9	0	0	47	48	— 3	— 1	5.7	+ 5.5	37.1	29
	Kakul	000	9	2	18	03	98	01	1	515	59	2	2	6	0	0	43	66	000	0	0	31	02	97	02	0	530	42	0	0	9	0	0	38	45	—	—	4.6	—	59.4	—
	Landi Kotal	000	3	2	18	03	98	01	1	508	57	8	8	5	0	9	43	60	000	0	0	00	00	99	00	0	517	46	0	0	9	0	0	42	41	—	—	3.9	—	22.8	—
	Parachinar	000	0	1	00	00	99	02	1	501	54	5	0	9	1	0	31	xx	000	0	0	00	00	99	00	0	501	42	0	0	9	0	0	33	xx	—	—	5.3	—	33.4	29
D. I. Khan	Miranshah	000	0	5	00	00	99	00	0	496	63	0	0	9	0	0	46	67	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						12
	Wana	000	0	0	05	02	99	00	0																																
Quetta	Fort Sandeman	000	0	0	20	03	98	02	0	506	69	0	0	9	0	0	33	71	000	0	0	00	00	98	02	0	531	51	0	0	9	0	0	42	44	+ 1	+ 5	4.7	+ 4.7	28.7	41
	Hindubagh	000	0	0	25	05	98	00	0	369	60	0	0	9	0	0	36	62	000	0	0	31	03	98	00	0	504	41	0	0	9	0	0	36	40	—	—	3.3	—	16.0	—
	Loralai	000	0	0	13	02	97	00	0	370	63	0	0	9	0	0	32	69	000	0	0	31	02	98	00	0	350	40	0	0	9	0	0	30	39	—	—	4.3	—	17.3	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.8	18.7	14
	Quetta	000	0	0	27	02	98	00	0	499	60	0	0	9	0	0	27	62	000	0	0	00	00	95	00	0	528	45	0	0	9	0	0	36	30	—	—	1.6	+ 1.4	11.9	8
	Chaman	000	0	0	31	02	95	00	0	517	64	0	0	9	0	0	18	67	000	0	0	00	00	97	00	0	525	48	0	0	9	0	0	24	45	— 0	+ 3	0.4	+ 0.4	6.7	9
	Kalat	000	0	0	31	02	97	00	0	511	55	0	0	9	0	0	28	61	000	0	0	18	07	97	00	0	543	40	0	0	9	0	0	29	32	— 1	+ 2	1.1	+ 1.1	12.1	9
Kalat	Nushki	000	0	0	31	09	98	00	0	548	71	0	0	9	0	0	25	71	000	0	0	09	05	98	02	0	574	59	0	0	9	0	0	25	44	—	—	0.6	—	3.9	—
	Dalbandin	000	0	0	31	05	98	02	0	521	71	0	0	9	0	0	30	73	000	0	0	00	00	96	00	0	504	43	0	0	9	0	0	28	39	— 6	— 0	0.2	+ 0.2	2.4	3
Afghanistan	Panjgur	000	0	0	05	03	96	02	0	512	71	0	0	9	0	0	38	72	000	0	0	05	02	98	00	0	598	49	0	0	9	0	0	29	46	— 1	+ 2	0.1	—	4.2	4
	Kabul																																								12
	Kandahar																																								—

Climate Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 17th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	kl$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tambamaru	23 169	693 00	1 35 12	99 02 0	105 79	16 7 00	36 71 5	—	0 51 73	—
Bagdad	23 242	586 02	1 13 05	99 02 0	145 77	11 6 00	14 21 0	—	0 32 68	1 33 x0
Dalila	23 173	562 03	1 00 00	98 03 0	128 75	12 5 00	16 21 8	—	0 56 68	1 00 x0
Bagdad	23 246	582 06	2 33 07	99 02 0	150 81	21 6 00	74 20 5	—	0 01 68	1 33 x1
Dalila	23 176	569 04	0 07 02	98 01 0	144 79	00 9 00	16 11 6	—	0 34 72	1 00 x0
British Resource	23 240	584 06	2 33 10	99 02 0	167 82	11 6 01	35 11 2	—	0 01 70	1 33 33
Dara	23 251	629 06	0 21 02	97 00 0	148 77	00 9 00	26 05 2	—		1 00 x0
Long Kocas	23 189	579 06	0 28 03	99 02 0	159 77	00 9 00	16 31 7	—	0 52 70	1 28 20
Bagdad	23 250	577 09	1 33 05	99 02 0	130 81	00 9 00	14 52 0	—	0 01 68	1 33 x1
Dalila	23 183	575 09	0 00 00	98 02 0	122 81	00 9 00	16 72 2	—	0 00 72	1 00 x0
Alhama	23 202	693 12	0 33 09	98 02 0	117 78	00 9 00	33 60 4	—	0 02 69	1 32 22
Dalila	23 188	581 12	0 00 00	98 02 0	112 82	00 9 00	16 71 0	—	0 02 77	1 00 x0
British Resource	23 230	594 12	1 29 05	99 02 0	124 82	11 6 00	35 61 0	—	0 52 68	1 32 x2
Dalila	23 195	585 15	0 00 00	98 02 0	112 77	00 9 00	16 40 0	—	0 53 72	1 00 x0
Dara	23 247	613 18	0 23 09	99 00 0	133 75	00 9 00	55 21 0	—		1 25 21
Long Koras	23 216	597 18	0 08 06	98 02 0	136 79	00 9 00	16 50 0	—	0 00 66	1 08 20
Dalila	23 202	592 18	0 08 02	98 02 0	123 77	00 9 00	16 11 1	—	0 54 72	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	010 175 152	093 225 142	—	490 135 078	..	113 098 999	376 030 999	817 592 999	511 692 999	959 838	232 025	—	—
Jiwani														
Karachi	00 00	011 142 125	113 182 132	..	490 122 505	..	110 062 999	365 022 999	808 595 999	492 715 999	956 835	—	..	—
Lahore														
Multan														
Peshawar	23 00	974 118 112	..	...	500 112 075	..	088 015 562	307 568 672	706 662 999	434 775 999	936 932	200 062	381 098	632 118
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 155 122	...	..	—	—	—	—	—	—	900 155 122	—	—
Jiwani													
Karachi	00 00	900 195 058	844 115 505	800 102 568	..	...	—	...	...	...	800 102 568	—	—
Lahore													
Multan													
Peshawar	23 00	900 142 018	800 098 045	350 848 999	250 002 999	...	..	—	—	—	250 002 999	..	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	32 08	34 04	34 04	09 02	..	..	—	..	...
Chaklala		28 06	28 03	24 04	23 07	23 10	27 20		
Chhor	10 01	09 01	08 01	09 06	09 05	26 12	29 20	28 28	28 39
Chittagong	32 13	34 08	02 07	09 05	26 03	...	—	...	...
Cox's Bazar	33 12	35 06	06 05	—	—	...	—	—	—
Dacca	36 08	35 07	35 17	01 06	32 11	31 31	28 31	28 31	28 29
Dalbandin	...	—	09 06	07 07	02 06	01 08	28 19	27 26	27 31
D. I. Khan	—	—	—						—
Drosh	—	—	—	—	24 04	22 04	21 08	31 12	—
Fort Sandeman	—	—	—	24 04	25 05	26 07	29 14	30 19	29 34
Jacobabad	08 01	07 01	07 04	35 04	15 03	18 06	28 25	28 33	28 35
Jessore	34 08	33 06	32 08	35 11	32 14	31 25	...	..	—
[illegible]	32 02	33 05	31 05	25 05	23 08	24 09	28 17	28 20	30 33
Jiwani	19 06	19 02	08 03	06 11	33 05	30 08	29 23	28 29	27 29
Karachi	15 05	05 07	04 09	04 10	32 04	27 13	28 15	27 26	28 32
Khanpur	...	...						—	..
Lahore	03 05	07 03	12 01	21 07	28 03	29 08	30 18	30 29	38 31
Multan	03 05	35 07	35 06	19 01	19 01	30 07	31 15	29 25	29 32
Mauripur	—	—	—	—	—	—	..		—
Panjgur	—	—		—			—	..	..
Peshawar	—	16 03	25 02	22 03	27 02	26 04	..	...	..
Quetta	...	—	...	—	30 11	33 03	30 13	29 31	29 36
Sha[illegible]	...	—	—	—			...	—	...
Sylhet	14 01	12 01	08 01	06 06	07 05	30 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	35 08	35 05	36 03	28 03	30 [illegible]	29 30
Chaklala	...		...			...
Chhor	05 06	08 03	08 02	09 02	26 04	31 07
Chittagong	04 10	04 05	10 01	28 05	34 12	31 20
Cox's Bazar	02 10	05 01	14 07	22 06	34 14	32 16
Dacca	30 09	34 08	03 08	30 03	32 13	27 19
Dalbandin	—	—	08 05	03 06	03 06	31 13
D. I. Khan	—	—	—			
Drosh	—	—	—	14 04	12 08	17 13
Fort Sandeman	—	—	—	04 03	29 05	25 12
Jacobabad	04 06	05 05	08 03	20 05	14 01	04 03
Jessore	35 06	35 04	07 03	33 10	33 18	30 21
[illegible]	32 07	33 10	33 12	34 07	32 09	33 13
Jiwani	03 08	01 03	13 02	10 10	10 07	33 16
Karachi	05 10	05 15	08 10	04 13	04 07	26 10
Khanpur						
Lahore	36 12	34 12	34 10	32 11	29 10	32 12
Multan	07 02	05 10	03 09	35 03	27 07	19 01
Mauripur	—	—	—	—	—	
Panjgur	—	—	—			
Peshawar	...	34 03	35 07	35 05	33 07	33 15
Quetta	...	—	—	...	29 01	26 02
Sha[illegible]	...					
Sylhet	08 06	09 03	12 04	24 02	26 06	27 28
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	33 04	34 03	32 03	...	—	—	...	—	—	—	—
Chaklala									—		..
Chhor	10 02	10 05	09 05	06 07	15 07	25 13	26 28	21 31		27 53	—
Chittagong	03 03	01 03	30 02	21 10	28 03	32 18			27 38		
Cox's Bazar	05 02	12 04	15 11	10 03	35 12	32 15	27 15	26 15		27 33	27 37
Dacca	35 06	02 05	02 04	35 04	29 10	31 26	28 41	28 38	27 24		
Dalbandin	..	...	07 06	08 14	05 07	31 14	26 09	28 16	27 41	29 37	27 45
D. I. Khan	—	—	—	—					28 17		
Drosh					04 07	36 17	01 04	33 07	—	32 17	
Fort Sandeman				28 02	24 05	26 10	29 10	27 20	31 12	28 35	27 59
Jacobabad	08 03	09 04	09 06	30 02	15 02	12 01	25 12	27 19	28 29	27 33	27 51
Jessore	01 03	36 06	36 06	30 08	32 19	29 20	29 33	27 30	27 30	27 37	27 47
[illegible]	32 05	34 08	34 07	30 05	34 08	29 14	39 18	29 23	28 27	28 32	—
Jiwani	13 05	03 05	03 05	10 08	09 07	31 11	26 25				
Karachi	04 16	06 14	06 15	07 17	07 15	27 10	28 22	26 30	26 30	28 44	27 42
Khanpur	04 08	05 09	05 07	05 05	06 04	06 03	27 11	27 30	27 30	27 33	
Lahore	34 04	32 13	23 15	34 10	32 13	31 16	31 27	30 31	29 58	28 47	38 58
Multan	05 05	04 08	04 08	36 05	24 07	25 07	27 15	28 21	27 26	27 39	26 43
Mauripur	—	—	...	...		—	...	—	..		—
Panjgur	—	—	—	—		...	...	...		..	...
Peshawar	—	—	—	...							—
Quetta	—	..	—		19 02	18 02	26 02	27 21	27 28	27 41	..
Sha[illegible]			...				...	..	...	..	..
Sylhet	14 03	08 01	19 04	20 04	32 05	27 10	28 41	...	—	..	..
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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	36 09	31 08	01 05	01 06	32 42	31 39	28 39	28 43	25 39	27 54	26 71	...	—	—	..	..	—	..
Karachi	01 15	07 15	04 13	05 07	04 04	29 04	27 23	26 28	26 32	27 41	27 58	27 66		—	—			
Peshawar	Mi[illegible]		...		...			—	...	—			..	..	—	..		...
Quetta																		

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

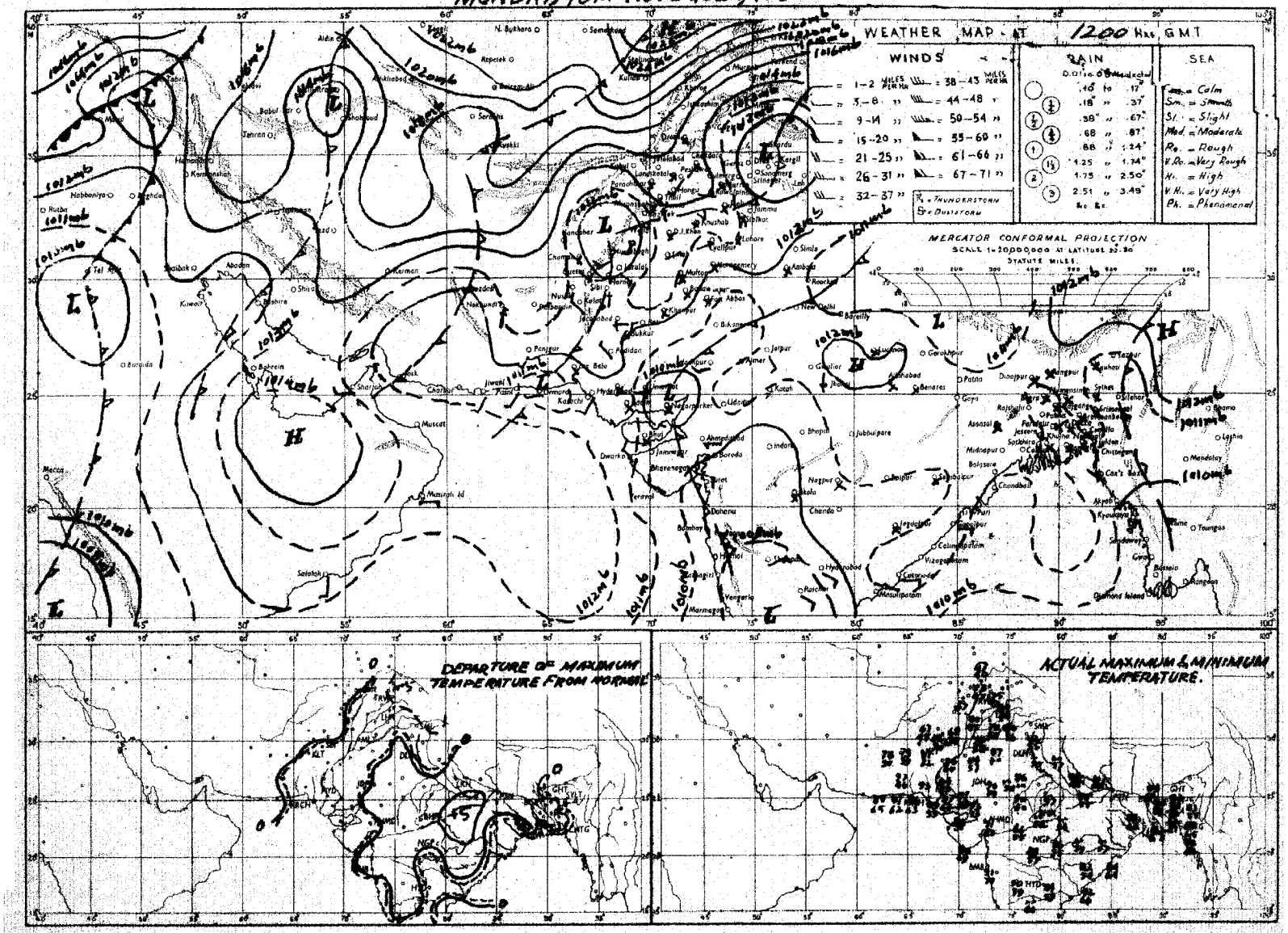
Cloud observation Data (GGiii Cdd V,V, etc.)

125 71 624 15

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

PAKISTAN DAILY WEATHER MAP

MONDAY, 16th NOVEMBER, 1959



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

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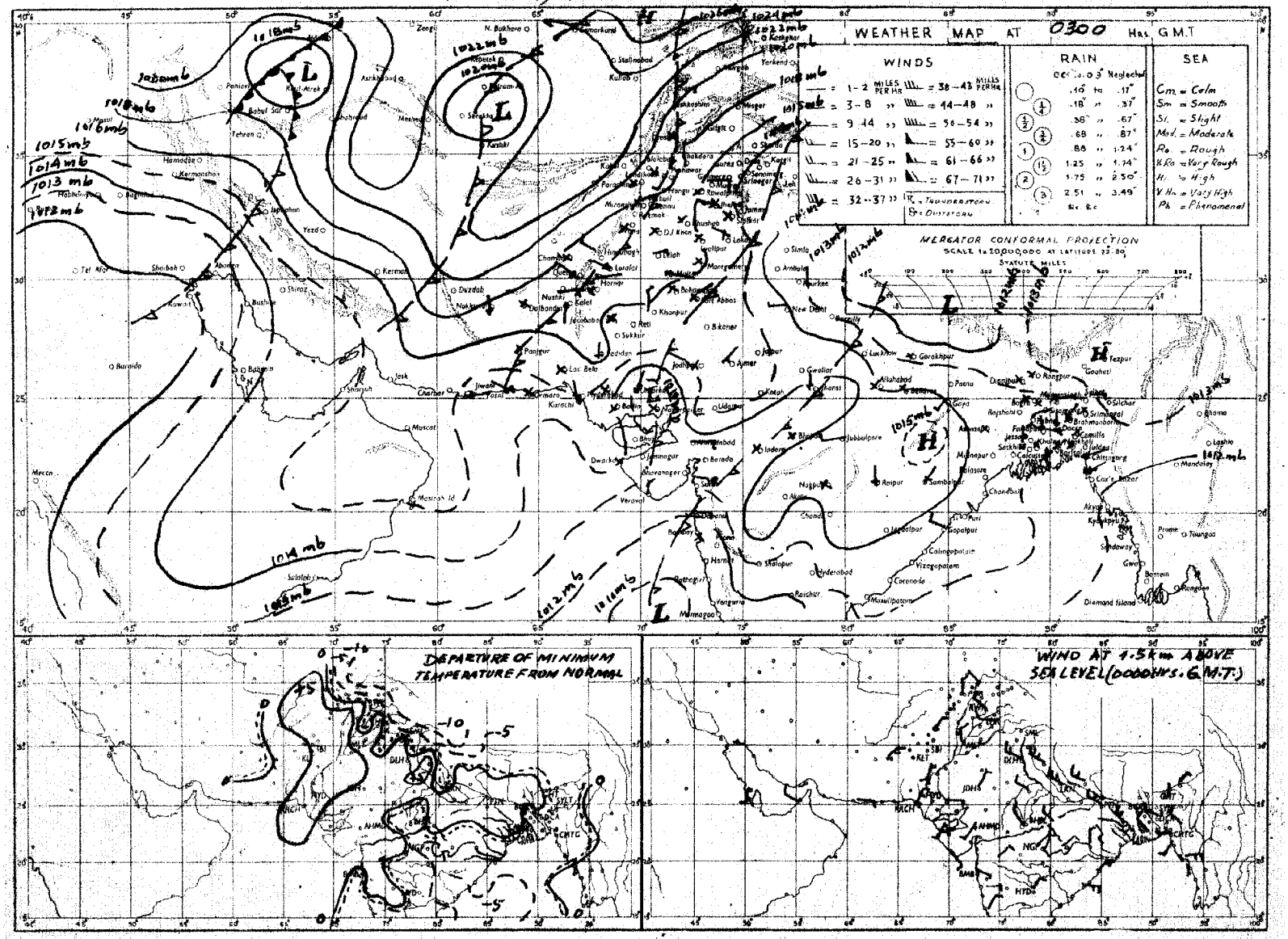
PAKISTAN DAILY WEATHER MAP

TUESDAY, 17th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 18th NOVEMBER, 1959.

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

Yesterday's western disturbance over Russian Turkistan is moving across north of Afghanistan with its associated trough extending to Peshawar division and neighbourhood.

The western disturbance over west Iran is now moving across central and adjoining southwest Iran.

An easterly low pressure wave has moved into south Andaman Sea.

Weather remained dry over the country.

Night temperatures were:- 2—7 °F above normal over West Pakistan outside Peshawar division and the Federal Capital Area and 3—4°F below normal in lower Chittagong division and the Federal Capital Area.

Forecast valid until the evening of 19th November, 1959. Scattered rain/drizzle will occur in Peshawar, Rawalpindi and Chittagong divisions and Kashmir.

Karachi-11
The 18th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	34	02	95	01	0	101	75	0	0	9	0	2	67	84
	Chittagong	000	0	0	39	02	xx	00	0	100	74	0	0	9	0	0	63	83
	Maijdee Court	000	9	0	03	00	xx	00	0	106	73	0	0	9	0	0	70	81
	Comilla																	
	Brahmanbaria	000	0	0	00	00	xx	00	1	103	75	0	0	9	0	0	67	82
	Sylhet	000	0	0	00	00	xx	02	0	097	73	0	0	9	0	0	69	82
	Srimangal	000	0	0	00	00	xx	00	0	100	74	0	0	9	0	0	67	83
Dacca	Mymensingh	000	0	0	00	00	98	00	0	102	77	0	0	9	0	0	66	82
	Narayanganj	000	9	1	00	00	xx	01	0	100	77	1	3	6	0	0	70	84
	Dacca (Tezgaon)	000	8	1	00	00	97	02	0	095	74	1	5	6	0	0	64	82
	Faridpur	000	8	2	00	00	96	05	0	106	78	2	4	8	0	0	65	81
	Barisal	000	0	0	00	00	96	02	0	111	77	0	0	9	0	0	70	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	139	70	0	0	9	0	0	63	83
	Satkhira	000	9	0	00	00	96	00	0	110	76	0	0	9	0	0	63	82
	Jessore	000	0	0	36	02	97	00	0	111	79	0	0	9	0	0	65	83
	Sirajganj	000	0	0	00	00	93	00	0	092	73	0	0	9	0	0	72	83
	Bogra	000	0	0	00	00	xx	00	1	098	75	0	r	9	0	0	63	82
	Dinajpur	000	0	0	00	00	xx	00	0	105	75	0	0	9	0	0	64	83
	Rangpur	000	0	1	00	00	96	01	0	xxx	77	1	5	6	0	0	64	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	125	73	0	0	9	0	0	54	77
	Sialkot	000	0	0	00	00	98	00	0	113	72	0	0	9	0	0	54	77
Rawalpindi	Jhelum	000	0	0	31	03	98	02	0	127	71	0	0	9	0	0	5	76
	Rawalpindi	000	0	1	27	02	99	02	0	128	65	0	0	9	0	3	50	72
	Khushab	000	0	0	00	00	99	00	0	126	76	0	0	9	0	0	63	80
Multan	Lyallpur	000	0	0	00	00	96	00	0	127	75	0	0	9	0	0	54	78
	Montgomery	000	0	0	00	00	96	00	0	114	77	0	0	9	0	0	63	81
	Multan	000	0	0	09	02	98	02	0	128	77	0	0	9	0	0	59	79
Bahawalpur	Leiah	000	0	0	03	00	96	04	0	129	79	0	0	9	0	0	53	80
	Khanpur	000	0	0	36	02	96	02	0	119	79	0	0	9	0	0	57	83
	Bahawalpur	000	0	0	00	00	97	00	0	120	79	0	0	9	0	0	65	81
	Fort Abbas	000	0	0	02	02	98	00	0	120	82	0	0	9	0	0	59	85
Peshawar	Chakdara	000	0	2	18	02	97	01	1	150	67	2	0	8	7	0	42	69
	Peshawar	000	0	2	00	00	98	01	0	139	69	1	0	9	3	2	59	75
	Haripur	000	0	0	23	02	97	00	0	121	68	0	0	9	0	0	53	76
	Campbellpur	000	0	0	00	00	98	00	0	150	70	0	0	9	0	0	54	73
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	124	71	0	0	9	0	0	57	75
	D. I. Khan	000	6	0	00	00	98	00	0	126	76	0	0	9	0	0	57	80
Quetta	Sibi	000	0	0	18	02	99	00	0	130	81	0	0	9	0	0	51	82
Kalat	Nokkundi	000	0	0	13	02	99	02	0	113	76	0	0	9	0	0	22	79
	Turbat	000	0	0	23	02	98	00	0	135	89	0	0	9	0	0	61	92
	Jiwani	000	0	0	23	03	97	02	0	123	80	0	0	9	0	0	72	83
	Pasni	0C0	0	1	18	09	98	02	0	121	80	1	2	7	0	0	73	82
	Ormara	000	0	0	18	05	98	00	0	117	82	0	0	9	0	0	43	85
	Las Bela	000	0	0	00	00	98	00	0	106	88	0	0	9	0	0	51	82
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	05	14	98	02	0	113	82	0	0	9	0	0	63	85
	Karachi (Air Port)	000	0	0	07	05	96	02	0	114	85	0	0	9	0	0	42	88
	Badin	000	0	0	00	00	97	00	0	115	87	0	0	9	0	0	43	91
	Nagarparkar	000	0	0	00	00	98	00	0	088	93	0	0	9	0	0	45	94
	Umerkot	000	0	0	29	05	98	00	0	097	87	0	0	9	0	0	47	89
	Hyderabad	000	0	0	36	04	97	02	0	117	83	0	0	9	0	0	55	85
Khairpur	Pad-i-dan	000	0	0	36	05	97	02	0	126	80	0	0	9	0	0	55	82
	Nawabshah	000	0	0	36	05	97	02	0	128	81	0	0	9	0	0	51	85
	Sukkur	000	0	0	07	03	96	00	0	120	81	0	0	9	0	0	54	83
	Kashmore	r00	0	0	00	00	99	00	0	122	80	0	0	9	0	0	44	82
	Jacobabad	000	0	1	31	03	98	03	0	126	80	0	0	9	0	1	52	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	00	00	98	00	0	510	46	0	0	9	0	0	35	53
Peshawar	Drosh	000	5	2	18	07	47	03	0	516	53	0	0	9	0	2	41	58
	Cherat	000	0	0	31	01	98	00	0	515	59	0	0	9	0	0	44	61
	Kakul	000	7	3	18	03	98	03	1	5 6	57	0	0	9	0	2	40	65
	Landi Kotal	000	0	0	00	00	99	00	0	500	59	0	0	9	0	0	41	62
	Parachinar	000	0	1	13	02	99	02	0	801	55	0	0	9	0	1	53	xx
D. I. Khan	Miranshah	000	0	0	10	00	99	00	0	489	65	0	0	9	0	0	44	68
	Wana	000	0	0	13	02	99	00	0	482	64	0	0	9	0	0	27	67
	Fort Sandeman	000	0	0	23	03	98	02	0	506	65	0	0	9	0	0	29	69
Quetta	Hindubagh	000	0	0	25	08	98	00	0	451	61	0	0	9	0	0	42	66
	Loralai	000	0	0	13	02	98	00	0	387	61	0	0	9	0	0	35	66
	Harnai	000	0	0	27	02	99	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	31	03	98	02	0	503	60	0	0	9	0	0	19	61
	Chaman	000	0	0	27	02	97	00	0	508	65	0	0	9	0	0	47	66
Kalat	Kalat	000	0	0	34	03	98	00	0	500	54	0	0	9	0	0	30	63
	Nushki	000	0	0	31	02	98	02	0	368	71	0	0	9	0	0	25	73
	Dalbandin	000	4	3	13	02	98	03	0	512	72	0	0	9	0	1	27	75
	Panjgur	000	0	0	37	02	98	00	0	511	76	0	0	9	0	0	36	76
Afghanistan	Kabul	000	0	0	14	02	99	00		563	57	0	0	9	0	0	45	57
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	1	07	02	97	03	0	139	74	1	1	7	0	0	66	64
Chittagong	000	0	0	07	02	96	00	0	144	74	0	0	9	0	0	67	62
Maijdee Court	000	9	0	36	02	98	00	4	145	76	0	0	9	0	0	67	64
Comilla	000	0	0	00	00	97	00	0	136	75	0	0	9	0	0	65	63
Brahmanbaria	000	0	0	05	04	97	00	0	151	77	0	0	9	0	0	69	61
Sylhet	000	0	1	09	05	97	03	0	143	71	1	1	6	0	0	62	61
Srimangal	000	0	0	00	00	96	00	4	148	72	0	0	9	0	0	64	65
Mymensingh	000	0	3	00	00	98	01	1	153	73	3	4	5	0	0	67	67
Narayanganj	000	9	0	07	02	96	05	0	146	78	0	0	9	0	0	65	65
Dacca (Tezgaon)	000	9	1	00	00	97	02	0	138	72	1	0	9	2	0	64	60
Faridpur	000	9	0	34	02	95	05	0	142	74	0	0	9	0	0	66	60
Barisal	000	0	C	05	01	96	02	1	144	75	0	0	9	0	0	67	64
Khulna	000	0	0	00	00	97	00	0	152	75	0	0	9	0	0	63	64
Satkhira	000	0	0	00	00	98	00	0	148	78	0	0	9	0	0	62	62
Jessore	000	0	0	36	02	97	00	0	155	72	0	0	9	0	0	64	59
Sirajganj	000	0	0	00	00	98	00	0	132	77	0	0	9	0	0	74	61
Bogra	000	0	1	00	00	96	02	0	148	71	1	5	6	0	0	62	62
Dinajpur	000	0	0	00	00	96	00	0	139	70	0	0	9	0	.	60	59
Rangpur	000	0	1	05	02	96	01	4	xxx	71	1	0	9	1	0	65	60
Jammu																	
Lahore (Jail Rd)	000	0	0	00	00	95	10	0	149	57	0	0	9	0	0	46	55
Sialkot	000	0	0	00	00	98	00	0	145	61	0	0	9	0		52	52
Jhelum	000	0	0	31	02	96	10	0	148	53	0	0	4	0	0	48	49
Rawalpindi	000	0	0	02	02	98	00	0	167	47	0	0	4	0	0	45	44
Khushab	000	0	0	00	00	99	00	0	148	57	0	0	9	0		49	53
Lyallpur	000	0	0	00	00	95	00	0	155	53	0	0	9	0	0	57	52
Montgomery	000	0	0	00	00	96	00	0	144	55	0	0	9	0		53	53
Multan	000	0	2	00	00	94	05	0	156	60	0	0	9	0	1	55	55
Leiah	000	0	2	00	00	96	04	0	145	55	0	0	9	0	1	52	53
Khanpur	000	0	1	00	00	96	03	0	148	58	0	0	4	0	1	52	53
Bahawalpur	000	0	4	13	02	97	02	1	154	64	0	0	9	0	2	54	54
Fort Abbas	000	0	0	00	00	98	00	0	133	61	0	0	9	0	0	52	53
Chakdara	000	0	2	36	07	97	03	0	158	46	2	0	8	4	0	39	44
Peshawar	000	0	2	18	03	98	03	0	154	52	2	0	9	3	0	43	48
Haripur	000	0	0	23	04	97	00	0	134	52	0	0	9	0	0	44	48
Campbellpur	000	0	0	00	00	98	00	0	xxx	56	0	0	9	0	0	50	48
Bannu	000	0	0	29	01	99	00	0	146	55	0	0	9	0	0	50	52
D. I. Khan	000	0	0	03	00	98	00	0	144	59	0	0	9	0	0	52	54
Sibi	000	0	0	31	02	99	00	0	156	57	0	0	9	0	0	53	56
Nokkundi	000	0	0	36	02	99	02	0	183	53	0	0	9	0	0	25	51
Turbat	000	0	0	09	02	97	00	0	148	66	0	0	9	0	0	56	xx
Jiwani	000	0	1	00	00	97	03	0	149	68	0	0	9	0	1	63	65
Pasni	000	0	1	00	00	98	02	0	146	64	0	0	9	0	8	61	61
Ormara	0C0	0	0	00	00	98	00	0	145	67	0	0	9	0	0	64	65
Las Bela	..	..		..	..	..		..	..	..		..	..	..	..	..	..
Karachi (Manora)	000	0	0	02	10	95	05	0	146	67	0	0	9	0	0	48	42
Karachi (Air Port)	000	0	0	03	00	96	02	0	144	62	0	0	9	0	0	31	38
Badin	000	0	0	23	02	96	00	0	146	65	0	0	9	0	0	59	xx
Nagarparkar	000	0	0	00	00	98	00	0	139	61	0	0	9	0	0	64	79
Umerkot	000	0	0	00	00	98	00	0	132	63	0	0	9	0	0	46	55
Hyderabad	000	0	0	36	03	96	10	0	152	65	0	0	9	0	0	57	63
Pad-i-dan	000	0	0	00	00	96	00	0	148	60	0	0	9	0	0	55	51
Nawabshah	000	0	0	00	00	96	02	0	144	59	0	0	9	0	0	53	54
Sukkur	000	0	0	16	03	96	00	0	144	64	0	0	9	0	0	51	59
Kashmore	000	0	0	00	00	99	0	0	151	65	0	0	9	0	0	52	53
Jacobabad	000	0	1	C0	C0	98	03	0	149	63	0	0	9	0	1	54	60
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	0	0	13	04	98	00	0	502	46	0	0	9	0	0	33	40
Drosh	000	1	5	00	00	97	03	2	532	41	1	0	9	2	5	28	40
Cherat	000	0	0	31	05	98	00	0	530	53	0	0	9	0	0	45	49
Kakul	000	3	1	31	02	97	01	0	499	50	0	0	9	0	1	28	45
Landi Kotal	000	0	3	00	0	98	03	0	500	48	3	0	9	3	0	39	40
Parachinar	000	0	3	00	00	99	02	0	801	43	3	0	9	1	0	40	xx
Miranshah	000	0	0	00	00	99	00	0	489	49	0	0	9	0	0	41	45
Wana	000	0	0	20	03	99	00	0	477	42	0	0	9	0	0	32	37
Fort Sandeman	000	0	0	00	00	98	02	0	512	50	0	0	9	0	0	37	43
Hindubagh	000	0	0	29	06	98	00	0	499	41	0	0	9	0	0	25	40
Loralai	000	0	2	31	03	97	01	1	362	42	0	0	9	0	1	25	39
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	92	00	0	530	45	0	0	9	0	0	08	31
Chaman	000	0	0	09	02	97	00	0	523	47	0	0	9	0	0	25	43
Kalat	000	0	1	18	05	97	01	1	540	40	0	0	9	0	1	26	31
Nushki	000	0	0	09	05	98	02	0	378	62	0	0	9	0	0	23	50
Dalbandin	000	9	1	36	02	97	01	1	501	45	1	0	9	3	0	25	43
Panjgur	000	0	0	05	02	98	00	0	306	50	0	0	9	0	0	31	46
Kabul	000	0	0	00	00	99	00	0	358	44	0	0	9	0	0	35	30
Kandahar																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	0	— 3	0	— 2.5	141.0	140
Chittagong	0	— 3	0	— 1.6	142.(	108
Maijdee Court	— 2	— 1	0	— 1.0	144.7	115
Comilla		0	0	— 1.0	107.7	94
Brahmanbaria	—	—	0	— 1.0	85.3	76
Sylhet	—	—	0	—	192.9	—
Srimangal	— 3	— 4	0	— 1.3	109.4	98
Mymensingh	0	+ 3	0	— 0.8	113.3	91
Narayanganj	+ 1	0	0	— 0.8	103.9	74
Dacca (Tezgaon)	—	—	0		103.6	—
Faridpur	0	— 3	0	— 0.9	116.6	71
Barisal	— 2	0	0	— 1.2	140.5	81
Khulna	0	— 1	0	— 1.0	102.8	60
Satkhira	— 3	— 1	0	— 0.7	83.1	65
Jessore	—	—	0	— 0.9	105.8	65
Sirajganj	+ 1	— 1	0	— 0.7	107.7	64
Bogra	0	0	0	— 0.7	104.4	69
Dinajpur	+ 1	— 1	0	— 0.3	94.9	73
Rangpur	0	0	0	— 0.4	104.4	84
Jammu						—
Lahore (Jail Rd)	— 6	+ 9	1.1	+ 1.2	27.1	16
Sialkot	— 3	+ 3	3.1	+ 3.0	41.8	32
Jhelum	—	—	3.4	—	53.5	—
Rawalpindi	— 5	+ 1	3.2	+ 3.1	35.5	36
Khushab	— 7	+ 4	1.1	+ 3.3	26.5	15
Lyallpur	— 3	+ 4	0.7	+ 0.7	19.0	13
Montgomery	— 2	+ 2	0.1	+ 0.1	18.5	18
Multan	— 3	+ 5	0.1	+ 0.1	8.3	7
Leiah	—	—	2.5	—	7.0	8
Khanpur	— 4	+ 2	0	0	1.4	6
Bahawalpur	— 4	0	0.1	+ 0.1	6.6	6
Fort Abbas	—	—	1.0	—	10.2	4
Chakdara	—	—	5.4	—	31.9	—
Peshawar	— 1	0	5.0	+ 5.0	28.5	14
Haripur	—	—	4.0	—	35.2	—
Campbellpur	—	—	3.1	—	39.1	—
Bannu	—	—	2.4	—	15.2	11
D. I. Khan	— 1	+ 7	1.4	+ 1.6	16.5	10
Sibi	—	—	4.0	—	9.2	5
Nokkundi	—	—	0.5	—	1.8	2
Turbat	—	—	0.6	—	7.9	—
Jiwani	—	—	0.8	—	7.5	4
Pasni	— 3	+ 2	0.3	+ 0.3	3.4	6
Ormara	—	—	2.7	+ 2.7	6.8	6
Las Bela	—					8
Karachi (Manora)	+ 1	— 4	1.6	+ 1.5	18.1	8
Karachi (Air Port)	—	—	3.3	—	26.1	—
Badin	—	—	0.4	+ 0.2	11.5	7
Nagarparkar	—	—	0	—	30.5	—
Umerkot	—	—	0.5	—	20.8	—
Hyderabad	— 3	+ 4	0.5	+ 0.5	15.9	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	— 1	+ 7	0.3	+ 0.3	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 3	— 1	4.3	+ 3.9	82.6	59
Drosh	— 6	— 3	3.3	—	34.0	18
Cherat	— 4	0	5.7	+ 5.5	37.1	29
Kakul	—		4.4	—	59.4	—
Landi Kotal	—	—	3.9	—	22.8	—
Parachinar	—	—	5.3	—	33.4	29
Miranshah	—	—	1.1	+ 1.1	8.1	12
Wana	—	—	1.1	—	15.2	—
Fort Sandeman	— 1	+ 4	4.7	+ 4.7	20.7	11
Hindubagh	—	—	3.3	—	16.0	—
Loralai	—	—	4.3	—	17.3	—
Harnai	—	—	5.9	+ 5.8	18.7	14
Quetta	—	—	1.6	+ 1.6	11.9	8
Chaman	— 1	+ 1	0.4	+ 0.4	6.7	7
Kalat	+ 1	+ 1	1.1	+ 1.1	12.1	9
Nushki	—	—	0.6	—	3.9	—
Dalbandin	+ 2	+ 4	0.2	+ 0.2	2.4	5
Panjgur	+ 3	+ 2	0.1	—	4.2	4
Kabul	—	—	—	—	—	1
Kandahar						—

Simple Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D.V. a PP	8 N, Ch, h,	O T, T, T, T,	Id d PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Victoria	33 213	622 00	0 08 00	98 00 0	173 75	00 9 00	56 10 0	...	0 56 66	1 00 00
Dallia	33 226	6 0 03	0 20 08	98 02 0	138 77	00 9 00	76 21 8	...	0 55 72	1 30 x0
Victoria	33 204	603 06	0 23 05	98 00 0	173 81	00 9 00	56 10 0	...	0 10 70	1 23 00
Long Korea	33 224	581 06	1 01 03	98 02 0	154 79	00 9 04	76 10 8	...	0 51 66	1 30 20
Dallia	33 231	595 06	3 19 04	98 03 0	140 84	32 5 00	76 21 2	...	0 03 75	1 19 x0
Dallia	33 237	589 09	2 00 00	98 01 0	125 82	21 5 00	76 21 5	...	0 41 72	1 00 x0
World Heath	33 204	591 12	1 09 03	99 02 0	157 79	11 5 00	15 30 9	...	0 53 68	1 09 21
Steel Worker	33 132	578 12	4 05 20	99 01 0	105 88	41 3 00	66 61 0	...	0 52 72	1 05 32
Victoria	33 192	591 12	0 23 05	98 00 0	163 82	00 9 00	56 10 0	...	0 52 68	1 23 xx
Dallia	33 243	583 12	1 00 00	98 01 0	115 81	11 5 00	76 71 0	...	0 00 70	1 00 x0
Lelykerk	33 194	584 12	0 26 09	98 00 0	116 79	00 9 00	56 60 8	...	0 52 68	1 06 21
British Resource	33 194	676 12	2 05 12	99 02 0	114 78	21 5 07	35 71 0	...	0 52 66	1 05 43
Dallia	33 250	578 15	0 00 00	98 02 0	120 77	00 9 x0	76 20 5	...	0 54 72	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	011 182 148	100 225 148	—	149 125 062	..	311 095 999	437 025 999	582 578 999	752 678 999	961 818	235 020	419 080	—
Jiwani														
Karachi	00 00	010 182 108	106 192 999	..	160 132 999	..	322 075 999	447 510 999	591 575 999	760 715 999	965 865	233 078	412 142	656 212
Lahore														
Multan														
Peshawar	23 00	972 112 C82	..	...	148 132 052	..	309 032 542	432 552 642	573 625 999	746 715 999	951 888	219 075	401 115	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 165 108	...	..	—	—	—	—	...	—	900 165 108	—	—
Jiwani													
Karachi	00 00	...	..	—	..	...	—	—	...	...	100 212 999	—	...
Lahore													
Multan													
Peshawar	23 00	900 155 082	800 102 522	350 795 999	250 958 999	114 120 999	..	—	...	—	114 120 999	..	—
Quetta													

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

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

UPPER WIND DATA*

Heights 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	.4	6.0	At 0000 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	27 04	26 04	27 02	27 03	29 19	28 28	...		...	35 05	34 03	33 01	31 05	28 16	28 26	05 01	06 01	06 01	01 03	...	...	...	...	...	...	...
Chaklala										...	08 04	43 03	16 01	15 03	01 04										...	...
Chhor	30 08	35 06	35 05	07 07	08 09	24 08	27 29	27 34	27 43	04 15	03 09	31 04	29 01	26 04	22 03	35 03	02 06	01 05	06 01	13 04	29 17	27 29	26 43	26 46	...	...
Chittagong	31 09	01 07	53 07	22 13	01 03	...			...	03 11	03 09	34 03	19 03	26 07	28 17	07 02	01 01	20 03	14 06	24 07	29 14	28 25	27 29	29 33	29 36	...
Cox's Bazar	02 06	04 03	11 05	35 03	33 11				...	03 13	04 05	15 12	36 04	34 05	29 15	03 05	13 02	xx xx	09 03	29 05	29 13	30 13	28 19			
Dacca	33 04	35 05	35 04	35 05	30 18	28 29	27 43	27 45	27 43	35 03	32 02	34 01	26 08	28 16	27 21	01 04	06 03	06 02	xx xx	xx xx	28 27	27 31	28 37	28 46	27 56	27 83
Dalbandin	...	—	09 02	05 06	02 06	36 06	29 18	28 17	27 23	...	—	07 03	04 06	30 07	31 19	...		09 07	07 08	13 13	28 17	28 22	27 28	37 28	27 46	...
D. I. Khan	—	—	—							—	—	—														
Drosh	—	...	...		07 02	02 04	36 07	06 03	09 02	...	...		19 09	18 03	19 04	...				03 08	35 03	22 13	23 17	...	...	
Fort Sandeman				22 04	23 05	27 06	28 15	27 23	28 32				30 02	31 06	26 06				23 05	26 05	24 14	27 20	27 36	26 45	26 52	26 81
Jacobabad	30 05	01 03	02 01	09 02	18 03	17 03	29 12	28 19	27 23	35 07	32 05	23 04	25 07	25 08	34 13	32 02	27 03	23 03	26 11	25 04	32 10	38 17	27 33	37 43	27 58	
Jessore	34 05	36 04	36 03	34 10	31 20	30 23	29 37	27 33	27 35	35 07	34 10	31 11	29 10	28 18	27 19	34 12	35 18	35 17	36 14	34 12	30 19	27 29	28 33	28 39	28 49	
Jiwani	30 06	32 07	32 07	30 06	31 11	33 04	30 12	29 21	29 26	31 07	32 17	32 11	32 12	30 10	26 04	31 03	30 09	30 03	27 05	28 05	24 06	32 13	24 21	24 25	24 40	26 57
[illegible]	15 08	17 03	13 04	09 04	08 07	03 11	27 25	27 36	26 35	36 06	27 05	24 05	13 04	07 04	...	07 05	34 04	31 03	18 02	09 06	36 13	28 22	27 31	37 45	37 49	26 52
Karachi	07 12	07 13	06 11	06 09	04 09	32 11	28 29	37 38	27 41	03 07	04 04	07 04	03 14	02 15	36 17	06 04	11 05	10 06	05 12	03 15	30 18	27 30	26 37	...	...	..
Khanpur	20 26	05 04	06 04	36 02	05 01	24 03	28 15	27 19	27 21	10 11	10 08	34 03	30 04	07 04	10 07	19 53	20 07	23 07	24 06	26 09	30 12	27 19	26 27	26 29	...	—
Lahore	32 08	32 13	32 13	32 13	31 14	34 15	30 23	29 29	29 34	32 06	31 10	31 13	31 12	29 07	28 10	33 03	28 06	28 10	28 10	30 13	27 12	24 12	24 21	23 22	25 29	—
Multan	06 35	10 05	10 03	23 05	25 06	29 07	30 13	28 18	28 25	18 03	27 04	21 05	22 05	24 06	26 05	18 07	19 07	19 07	23 10	24 14	26 11	25 17	24 23	24 27	26 19	—
Muscat	—	...	...	—					—	...	—					—	—	...			...	...	...		...	...
Panjgur	...	...		...		...			...	—				—		—									...	...
Peshawar	...	...		...					...	—	11 01	21 01	32 08	36 08	36 09	—	21 03	10 01	35 06	36 02	30 04	22 13	23 22		...	...
Quetta	...	...	...	...	33 06	20 09	27 11	27 18	27 26	...	...	...	...	28 63	32 21		—	...		28 04	32 18	30 29	29 38	37 37	...	..
Sharjah	...						...	...	...	...															...	
Sylhet	28 07	29 03	29 01	18 03	26 06	29 10	...	...	...	09 08	26 03	09 07	05 02	16 07	29 15	04 02	09 03	08 05	09 08	16 06	29 14	27 38	28 40	28 53	...	...
[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. km. a.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	12.6	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	34 05	29 03	28 04	02 04	28 11	28 24	28 10	29 45	27 49	28 61	28 75	27 91	77 58	76 36	77 84	...		
Karachi	04 05	06 04	04 05	05 08	01 12	27 14	28 21	27 31	27 41	27 18	26 75	26 75	25 72	25 83	25 78	25 75	26 43	24 23
Peshawar	Missing	...			...				...	—	—	—	—		—	—		
Quetta																		

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

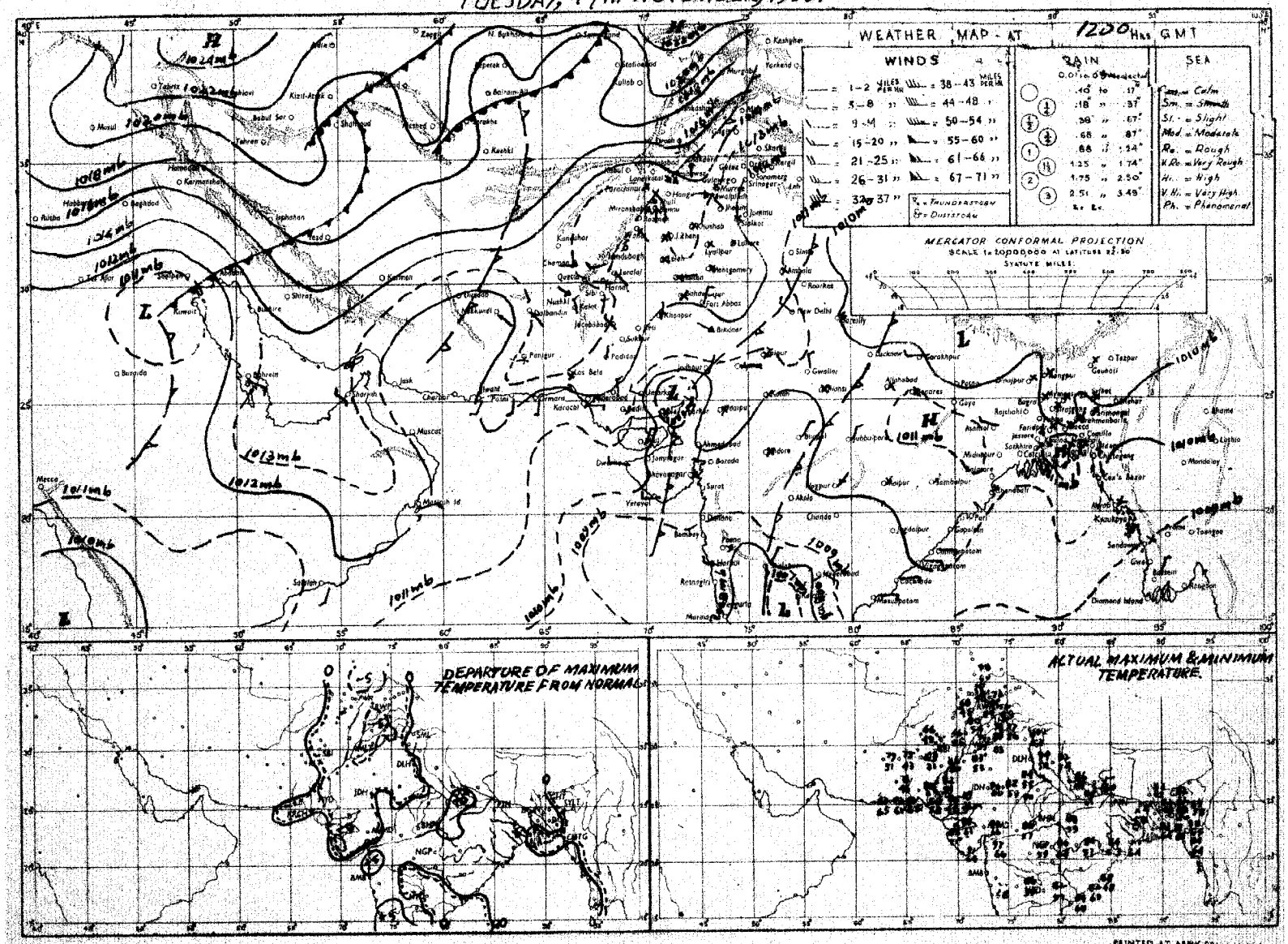
Cloud observation Data (GGiii Cdd V,V, etc.)

06 330 32 305

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 NOVEMBER, 1959.



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

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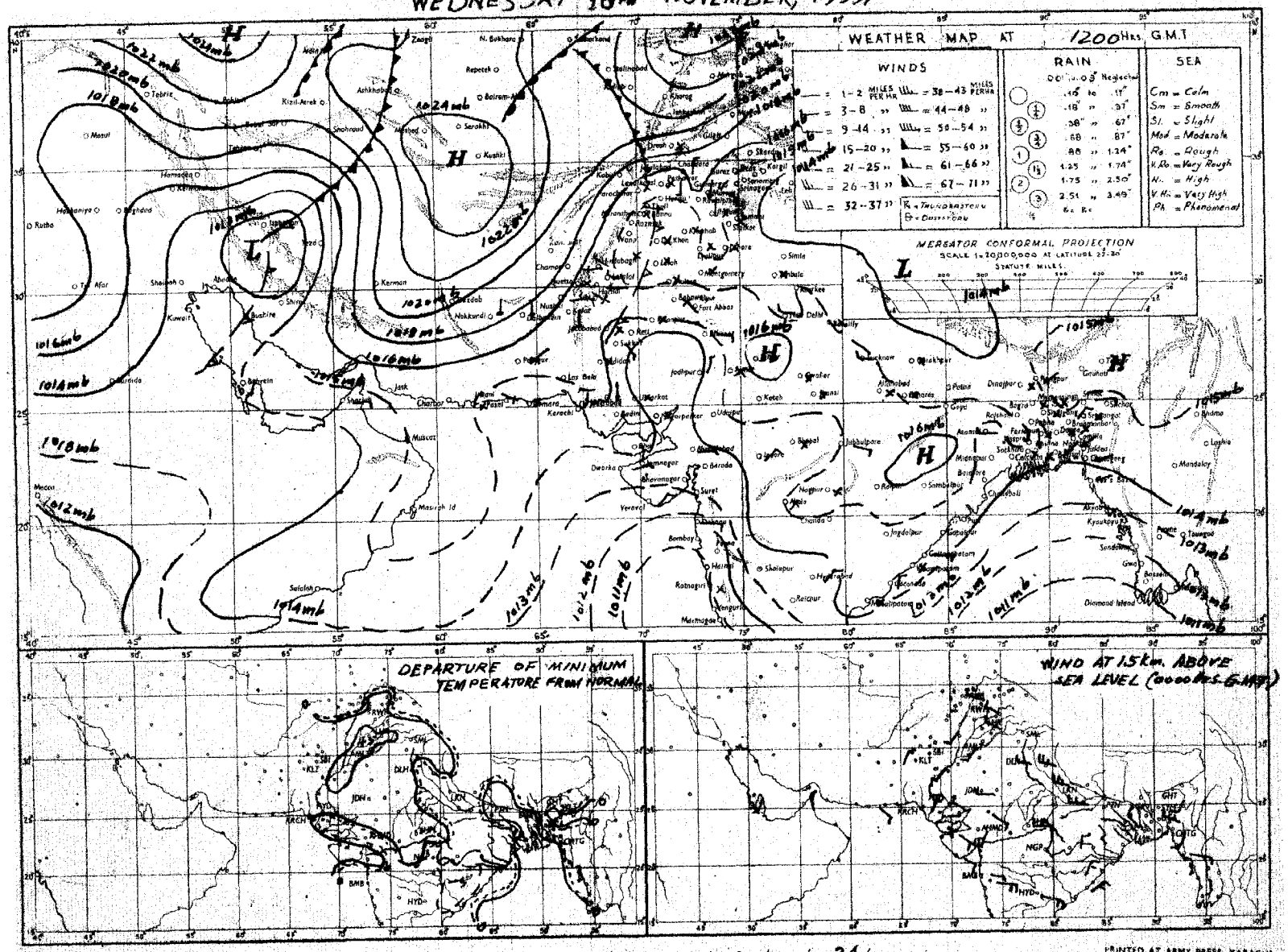
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 19th NOVEMBER, 1959.

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

Yesterday's western disturbance over north of Afghanistan is moving across east Russian Turkistan.
The western disturbance over central and southwest Iran now lies over northwest of Afghanistan.
Low pressure wave in south Andaman Sea has moved to southwest Bay of Bengal.
Weather remained dry over the country.
Night temperatures were:- 4—6 °F above normal in West Pakistan outside Peshawar, Rawalpindi, Hyderabad and south Kalat divisions.
Forecast valid until the evening of 20th November, 1959. Weather will be dry over the country.

Karachi-11
The 19th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	07	02	97	03	0	114	75	0	0	9	0	8	65	84
	Chittagong	000	0	0	29	02	xx	00	0	115	74	0	0	9	0	0	63	83
	Maijdee Court	000	9	0	00	00	xx	10	0	120	74	0	0	9	0	0	71	80
	Comilla	000	0	0	00	00	94	00	0	110	76	0	0	9	0	0	67	82
	Brahmanbaria	000	0	0	00	00	xx	00	1	122	74	0	0	9	0	0	61	81
	Sylhet	000	0	1	00	00	xx	02	0	115	71	1	1	6	0	0	63	81
	Srimangal	000	0	0	00	00	xx	00	0	120	70	0	0	9	0	0	64	83
Dacca	Mymensingh	000	0	0	00	00	98	00	0	124	75	0	0	9	0	0	74	83
	Narayanganj	000	9	4	00	00	xx	01	1	116	76	4	0	8	7	0	70	84
	Dacca (Tezgaon)	000	0	5	02	02	97	01	0	116	74	5	8	5	0	0	63	82
	Faridpur	000	8	0	00	00	95	05	0	111	77	0	0	9	0	0	66	81
	Barisal	000	0	0	00	00	96	02	0	119	75	0	0	9	0	0	60	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	123	76	0	0	9	0	0	62	83
	Satkhira	000	0	0	00	00	98	00	0	120	75	0	0	9	0	0	62	82
	Jessore	000	0	0	36	02	97	00	0	123	77	0	0	9	0	0	61	81
	Sirajganj	000	0	0	00	00	90	00	0	100	70	0	0	9	0	0	68	83
	Bogra	000	0	0	00	00	xx	00	0	120	72	0	0	9	0	0	65	81
	Dinajpur	000	0	0	00	00	xx	00	0	098	76	0	0	9	0	0	61	83
	Rangpur	000	0	0	00	00	96	02	0	xxx	76	0	0	9	0	0	65	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	137	69	0	0	9	0	0	53	77
	Sialkot	000	0	0	00	00	98	00	0	129	69	0	0	9	0	0	57	75
Rawalpindi	Jhelum	000	0	2	00	00	98	03	0	129	69	0	0	9	0	1	53	80
	Rawalpindi	000	0	1	20	02	99	02	0	133	65	0	0	9	0	3	49	76
	Khushab	000	0	0	00	00	99	00	0	122	77	0	0	9	0	0	54	81
Multan	Lyallpur	000	0	0	00	00	96	00	0	129	75	0	0	9	0	0	58	80
	Montgomery	000	0	0	00	00	96	00	0	133	75	0	0	9	0	0	60	82
	Multan	000	0	0	00	00	97	02	0	116	80	0	0	9	0	0	49	62
Bahawalpur	Leiah	000	0	0	00	00	96	04	0	115	79	0	0	9	0	0	53	79
	Khanpur	000	0	1	00	00	96	03	0	127	83	1	0	9	1	0	58	87
	Bahawalpur	000	0	0	00	00	97	00	0	127	82	0	0	9	0	0	62	85
	Fort Abbas	000	0	0	00	00	98	00	0	121	78	0	0	9	0	0	56	86
Peshawar	Chakdara	000	0	3	00	00	97	01	1	153	65	3	8	7	0	0	37	65
	Peshawar	000	0	5	00	00	96	04	1	142	64	1	9	6	3	3	51	75
	Haripur	000	3	3	23	02	97	02	0	109	71	3	0	9	9	0	50	75
	Campbellpur	000	0	1	05	02	98	02	0	141	69	0	0	9	0	1	40	73
D. I. Khan	Bannu	000	4	1	13	01	59	01	0	118	70	1	1	6	0	0	55	75
	D. I. Khan	000	6	0	00	00	98	00	0	117	74	0	0	9	0	0	48	82
Quetta	Sibi	000	0	0	23	02	99	00	0	129	81	0	0	9	0	0	55	82
Kalat	Nokkundi	000	0	0	18	02	99	02	0	125	78	0	0	9	0	0	29	81
	Turbat	000	0	0	23	02	98	00	0	118	89	0	0	9	0	0	64	90
	Jiwani	000	0	4	·3	09	96	02	1	133	79	0	0	9	0	1	62	83
	Pasni	000	0	4	25	22	98	02	1	127	81	0	0	9	0	8	77	87
	Ormara	000	0	4	23	05	98	01	1	121	84	4	0	9	2	0	57	88
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	12	98	02	0	117	83	0	0	9	0	0	76	84
	Karachi (Air Port)	000	0	1	27	03	96	05	0	126	83	0	0	9	0	1	50	18
	Badin	000	0	0	00	00	97	00	0	125	87	0	0	9	0	0	53	90
	Nagarparkar	000	0	0	00	00	98	00	0	115	91	0	0	9	0	0	64	93
	Umarkot	000	0	1	27	05	98	03	0	110	86	0	0	9	0	2	46	91
	Hyderabad	000	0	2	00	00	97	03	0	125	65	0	0	9	0	8	55	90
Khairpur	Pad-idan	000	0	2	31	02	57	03	0	121	82	0	0	9	0	4	52	86
	Nawabshah	000	0	3	36	02	97	03	0	133	85	0	0	9	0	1	44	88
	Sukkur	000	3	6	25	02	96	03	1	121	80	0	0	9	0	8	52	85
	Kashmore	000	0	0	00	00	99	00	0	124	83	0	0	9	0	0	47	84
	Jacobabad	000	0	1	31	03	97	02	0	125	80	0	0	9	0	1	52	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	4	00	00	98	01	1	506	46	4	0	9	5	0	29	53
Peshawar	Drosh	000	8	5	00	00	97	01	2	514	54	5	0	9	3	0	38	61
	Cherat	000	0	0	36	03	98	00	0	518	55	0	0	9	0	0	44	62
	Kakul	000	0	5	16	05	98	03	1	516	57	4	0	9	3	1	32	66
	Landi Kotal	000	0	1	00	00	98	01	0	498	57	0	0	9	0	0	43	63
	Parachinar	000	0	2	13	02	99	02	0	800	57	2	0	9	1	0	49	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	469	65	0	0	9	0	0	39	70
	Wana	000	0	0	11	05	99	00	0	472	64	0	0	9	0	0	19	67
	Fort Sandeman	000	0	0	00	00	98	02	0	506	65	0	0	9	0	0	33	69
Quetta	Hindubagh	000	0	0	29	05	98	00	0	481	60	0	0	9	0	0	42	63
	Loralai	000	0	0	13	02	98	00	0	374	62	0	0	9	0	0	31	67
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	34	07	99	02	0	514	60	0	0	9	0	0	23	62
	Chaman	000	0	0	27	02	97	00	0	518	65	0	0	9	0	0	35	67
Kalat	Kalat	000	0	1	31	09	98	01	1	518	54	0	0	9	0	1	25	61
	Nushki	000	0	0	31	05	98	02	0	570	73	0	0	9	0	0	32	74
	Dalbandin	000	0	1	00	00	98	03	0	518	74	0	0	9	0	1	30	77
Afghanistan	Panjgur	000	0	6	23	02	98	00	0	517	72	0	0	9	0	0	35	77
	Kabul	000	0	4	18	02	99	03	0	404	55	4	5	8	9	0	46	57
	Kandahar																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal: Maximum Temperature TxTn (37)	Departure from Normal: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	1	02	03	97	03	.	147	76	1	1	6	0	0	61	64	0	— 3	0	— 2.5	141.0	140
Chittagong	000	0	0	00	03	95	00	0	104	73	0	0	9	0	0	64	62	0	— 3	0	— 1.3	142.1	108
Maijdee Court	000	0	0	00	00	98	00	4	157	75	0	0	9	0	0	64	63	— 3	— 2	0	— 1.2	144.7	115
Comilla	000	0	0	00	00	97	00	0	146	74	0	0	9	0	0	64	67	— 1	— 1	0	— 1.0	107.7	94
Brahmanbaria	000	0	0	00	00	97	00	0	165	75	0	0	9	0	0	65	62	—	—	0	— 1.0	85.2	76
Sylhet	000	0	0	09	05	97	02	0	153	71	0	0	9	0	0	63	60	—	—	0	—	193.9	—
Srimangal	000	6	0	00	00	96	00	4	166	71	0	0	9	0	0	65	55	— 3	— 4	0	— 1.3	109.4	58
Mymensingh	000	0	0	13	02	97	00	0	164	72	0	0	9	0	0	64	63	+ 1	— 1	0	— 0.8	113.3	91
Narayanganj	000	9	0	36	02	96	05	1	159	77	0	0	9	0	0	65	64	+ 1	— 1	0	— 0.9	103.9	74
Dacca (Tezgaon)	000	0	1	36	02	97	01	0	150	73	0	0	9	3	0	63	61	—	—	0		103.6	—
Faridpur	000	0	0	36	02	95	05	0	157	74	0	0	9	0	0	61	60	0	— 3	0	— 1.0	116.7	71
Barisal	000	0	0	00	00	97	02	2	147	72	0	0	9	0	0	60	64	— 2	0	0	— 1.3	140.5	81
Khulna	000	0	0	00	00	97	00	0	162	77	0	0	9	0	0	59	64	0	— 1	0	— 1.1	102.8	68
Satkhira	000	0	0	00	00	98	00	0	162	71	0	0	9	0	0	59	60	— 3	— 3	0	— 0.9	82.1	65
Jessore	000	0	0	31	03	97	00	0	162	69	0	0	9	0	0	63	58	—	—	0	— 0.9	105.8	65
Sirajganj	000	0	0	00	00	98	00	0	141	78	0	0	9	0	0	75	62	+ 1	0	0	— 0.7	107.7	84
Bogra	000	0	0	36	03	96	02	4	158	73	0	0	9	0	0	65	61	— 1	— 1	0	— 0.7	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	152	71	0	0	9	0	0	65	58	+ 1	— 2	0	— 0.3	66.9	72
Rangpur	000	0	0	05	02	96	01	4	xxx	71	0	0	9	0	0	66	60	— 1	0	0	— 0.4	104.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	190	54	0	0	9	0	0	54	50	— 6	+ 4	1.1	+ 1.1	27.1	19
Sialkot	000	0	0	00	00	58	00	0	175	57	0	0	9	0	0	51	50	— 5	+ 1	3.1	+ 3.0	61.8	42
Jhelum	000	0	0	00	00	95	10	0	189	51	0	0	9	0	0	49	47	—	—	3.4	—	53.5	—
Rawalpindi	000	0	0	00	00	98	00	0	210	47	0	0	9	0	0	46	44	— 1	+ 1	3.2	+ 3.1	55.5	36
Khushab	000	0	0	00	00	99	00	0	186	55	0	0	9	0	0	49	51	— 1	0	1.1	+ 1.1	26.5	15
Lyallpur	000	0	0	00	00	95	00	0	189	54	0	0	9	0	0	53	52	— 1	+ 4	0.7	+ 0.7	19.0	12
Montgomery	000	0	0	00	00	96	00	0	167	57	0	0	9	0	0	51	53	— 1	+ 2	0.1	+ 0.1	8.5	10
Multan	000	0	0	00	00	96	04	0	190	61	0	0	9	0	0	54	57	0	+ 7	0.1	+ 0.1	8.3	7
Leiah	000	0	0	00	00	97	04	0	193	57	0	0	9	0	0	55	54	—	—	2.5	—	7.0	8
Khanpur	000	0	0	34	12	96	03	0	171	56	0	0	9	1	0	48	53	0	+ 2	0	0	1.4	6
Bahawalpur	000	0	0	00	00	97	00	0	176	68	0	0	9	0	0	51	57	0	+ 6	0.1	+ 0.1	6.6	6
Fort Abbas	000	0	0	11	09	98	00	0	156	61	0	0	9	0	0	47	46	—	—	1.0	—	10.2	4
Chakdara	000	0	0	03	03	97	00	0	204	46	0	0	8	0	0	39	41	—	—	5.4	—	31.9	—
Peshawar	000	0	0	00	00	98	02	7	208	49	0	0	9	0	0	49	48	— 1	0	5.0	+ 5.0	28.5	14
Haripur	000	0	0	05	04	97	00	0	178	50	0	0	9	0	0	39	49	—	—	4.0	—	35.2	—
Campbellpur	000	0	0	36	02	98	00	0	225	54	0	0	9	0	0	46	44	—	—	3.1	—	39.1	—
Bannu	000	0	0	00	00	99	00	0	194	57	0	0	9	0	0	48	52	—	—	2.4	—	15.2	11
D. I. Khan	000	0	0	00	00	98	00	0	190	56	0	0	9	0	0	52	53	+ 1	+ 6	1.6	+ 1.6	16.5	10
Sibi	000	0	6	00	00	98	03	1	185	55	0	0	9	0	2	51	53	—	—	4.0	—	9.2	5
Nokkundi	000	0	0	05	02	98	02	0	187	57	0	0	9	0	0	32	53	—	—	0.5	—	1.6	2
Turbat	000	0	0	09	02	97	00	0	163	64	0	0	9	0	0	63	xx	—	—	0.6	—	7.9	—
Jiwani	000	0	4	36	02	97	02	0	160	68	0	0	9	0	2	61	66	—	—	0.8	—	7.5	4
Pasni	000	0	5	29	2	98	00	8	161	67	5	0	9	0	8	57	62	—	—	0.3	+ 0.2	3.4	6
Ormara	000	0	4	00	00	98	01	1	158	69	4	0	9	0	1	63	63	+ 2	+ 8	2.7	+ 2.7	9.8	6
Las Bela																		—	—				8
Karachi (Manora)	000	0	0	02	12	96	02	0	168	66	0	0	9	0	0	44	61	0	5	1.6	+ 1.5	18.1	8
Karachi (Air Port)	009	0	1	03	09	96	03	0	167	63	0	0	9	0	1	50	57	—	—	3.3	—	26.1	—
Badin	000	0	0	23	02	96	00	0	167	65	0	0	9	0	0	86	60	—	—	0.4	+ 0.2	11.3	9
Nagarparkar	000	0	0	31	02	98	00	0	156	81	0	0	9	0	0	67	75	—	—	0	—	28.5	—
Umarkot	000	0	2	02	02	98	00	0	154	60	0	0	9	0	2	44	55	—	—	0.5	—	20.8	—
Hyderabad	000	0	3	00	00	55	10	0	174	63	0	0	9	0	8	55	61	+ 2	—	0.5	+ 0.5	15.9	7
Pad-idan	000	0	1	00	00	96	01	0	180	58	0	0	9	0	1	52	50	—	—	0.3	—	7.9	—
Nawabshah	000	0	2	00	00	96	02	0	185	57	0	0	9	0	1	51	52	—	—	0.3	—	7.5	—
Sukkur	000	5	6	16	03	96	02	2	125	62	0	0	9	0	0	53	59	—	—	0.0	—	5.3	4
Kashmore	000	0	0	05	03	98	00	0	175	65	0	0	9	0	0	51	53	—	—	1.3	—	3.4	—
Jacobabad	000	0	1	09	05	98	02	0	174	61	0	0	9	0	1	52	59	— 2	+ 6	0.3	+ 0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	0	00	00	98	00	1	539	45	0	0	9	0	0	34	38	— 3	— 3	4.2	+ 4.2	82.6	59
Drosh	000	9	0	00	00	98	02	2	573	40	0	0	9	0	0	27	39	— 3	— 4	3.3	—	34.0	18
Cherat	000	0	0	36	05	98	00	0	546	51	0	0	9	0	0	44	48	— 3	— 1	5.7	+ 5.5	37.1	29
Kakul	000	0	0	00	00	97	02	0	536	49	0	0	9	0	0	29	45	—	—	4.4	—	59.4	—
Landi Kotal	000	0	0	00	10	99	00	0	431	43	0	0	9	0	0	33	38	—	—	3.9	—	22.8	—
Parachinar	000	0	0	00	00	99	00	0	830	40	0	0	9	0	0	37	xx	—	—	3.3	—	33.4	29
Miranshah	000	0	0	00	00	99	00	0	516	48	0	0	9	0	0	37	45	—	—	1.1	+ 1.1	8.1	13
Wana	000	0	0	00	00	99	00	0	515	42	0	0	9	0	0	35	38	—	—	—	—	—	—
Fort Sandeman	000	0	0	06	00	98	02	0	540	49	0	0	9	0	0	33	43	— 1	+ 4	4.7	+ 4.7	20.7	11
Hindubagh	000	0	0	27	05	98	00	0	516	41	0	0	9	0	0	29	40	—	—	3.3	—	16.8	—
Loralai	000	0	0	31	03	98	00	0	327	45	0	0	9	0	0	31	40	—	—	4.3	—	17.3	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.8	+ 5.7	48.7	14
Quetta	000	0	0	00	00	94	00	0	514	31	0	0	9	0	0	26	30	—	—	16.3	+ 1.6	41.9	8
Chaman	000	0	0	09	02	97	00	0	540	51	0	0	9	0	0	26	44	—	—	0.4	+ 0.5	4.7	7
Kalat	000	0	7	18	05	97	02	2	564	40	0	0	9	0	2	26	35	0	+ 4	1.1	+ 1.1	42.1	9
Nushki	000	0	2	09	19	98	03	0	578	63	3	0	9	0	8	23	54	— 1	+ 5	0.6	—	3.9	—
Dalbandin	000	9	6	02	12	97	03	1	515	46	1	0	9	3	6	24	45	—	—	0.2	+ 0.2	2.4	5
Panjgur	000	0	4	05	02	98	03	0	524	51	0	0	9	3	0	26	48	+ 4	+ 6	0.4	—	4.3	4
Kabul	000	0	0	14	02	99	00	0	594	30	0	0	9	0	0	23	29	+ 4	+ 4	—	—	—	12
Kandahar																		—	—				—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	43 197	647 00	5 02 10	98 02 1	110 73	44 5 25	76 40 0	—	0 54 73	1 02 21
Kyokucimaru	43 173	677 06	1 03 05	98 02 0	135 79	11 4 00	76 21 2	—	0 53 xx	—
Dalila	43 265	538 06	6 29 03	98 02 2	142 81	00 9 02	66 11 4	—	0 00 73	1 29 x0
Victoria	43 163	543 06	0 08 10	98 00 0	173 81	31 2 00	56 10 0	—	0 00 70	1 08 xx
World Health	43 242	586 06	3 35 03	98 72 0	186 81	12 5 01	75 21 2	—	0 54 68	1 35 21
Udomaru	43 216	619 12	4 02 07	98 02 1	130 79	44 5 20	76 12 0	—	0 00 73	1 02 31
Fogo	43 196	584 12	1 13 04	98 00 0	111 79	10 2 60	56 40 0	—	0 00 72	1 13 11
Alvelpcsma	43 232	593 18	1 12 04	98 01 0	112 77	14 6 00	34 40 0	—	0 55 90	1 12 x1
Alfred Fraissinet	43 268	525 18	8 26 06	98 02 2	160 79	00 9 00	36 10 6	—	0 52 66	1 28 x1
Kybkucimaru	43 190	650 18	5 03 03	98 03 0	147 75	54 4 00	76 21 5	—	0 55 xx	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 178 142	117 205 152	—	149 105 068	..	312 898 088	439 045 999	584 560 999	755 700 999	963 832		—	—
Jiwani ...														
Karachi ...	00 00	013 145 102	000 025 122	..	149 142 565	..	314 062 999	439 015 999	584 560 999	755 700 999	964 820	240 965	—	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 152 088			—	—	—	—	—	—	900 152 088	...	—
Jiwani ...													
Karachi ...	00 00	978 232 078	900 195 508	800 122 602	..	...	—	...	...	...	800 122 602	...	—
Lahore ...													
Multan ...													
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	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 04	35 04	34 04	36 05	35 03	30 21	29 29	27 37	
Chaklala	..	24 04	28 03	10 06	09 02	26 03	21 06	24 12	24 16
Chhor	27 10	30 08	30 07	05 08	05 08	31 18	28 23	27 33	27 43
Chittagong	31 13	34 06	04 05	13 15	22 09		—	...	..
Cox's Bazar	33 09	05 09	10 05	13 03	28 05	29 07			
Dacca	33 05	35 06	35 07	36 05	32 07	29 23	28 26	27 31	28 32
Dalbandin	—	—	13 01	08 03	15 01	36 04	32 14	28 16	26 22
D. I. Khan	..	—	—		—	—	—		...
Drosh	..	—	—						
Fort Sandeman	—		—	15 03	04 03	28 14	28 19	30 37	29 51
Jacobabad	25 02	29 02	29 02	27 05	35 11	33 14	30 19	30 25	28 44
Jessore	36 08	35 09	35 10	35 10	33 15	29 20	29 22	19 21	—
Jhelum	26 02	29 04	29 05	27 04	29 06	25 10	25 14	24 20	23 22
Jiwani	24 07	25 04	22 03	08 04	07 08	36 11	27 27	27 38	27 36
Karachi	22 08	24 07	30 04	04 09	03 11	31 17	28 20	28 36	27 42
Khanpur	23 06	24 07	24 07	25 09	26 08	30 15	29 17	27 26	27 35
Lahore	34 08	33 10	32 10	31 12	30 10	30 12	28 08	23 12	25 13
Multan	17 28	19 11	19 11	25 11	29 08	31 16	29 19	28 24	27 33
Muscat	—	—	—	—	...	—	...		...
Panjgur	—	—	—	—	—	—	—		...
Peshawar	...	—	...	—		—		...	
Quetta	..	..	—	—	31 09	31 12	32 23	30 34	33 45
Shahjah	...			—					
Sylhet	25 03	31 02	03 02	09 08	08 04	29 19	27 34	27 32	—
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 07	36 06	36 03	06 07	14 03	28 20
Chaklala	...	...	...	...		..
Chhor	01 4	04 14	03 09	34 01	34 05	31 12
Chittagong	01 06	02 04	13 03	21 10	23 11	26 13
Cox's Bazar	01 14	01 09	16 03	22 12	22 12	29 05
Dacca	35 07	36 05	36 06	36 06	31 05	28 14
Dalbandin	—	—	07 04	13 07	29 06	29 14
D. I. Khan	—	—	—			
Drosh	—	—	—	13 03	15 08	xx xx
Fort Sandeman	—	—		24 03	34 06	04 02
Jacobabad	34 06	29 05	35 07	35 12	32 13	30 12
Jessore	01 12	36 12	35 12	33 13	31 09	28 11
Jhelum	32 12	32 17	32 18	32 17	31 17	28 13
Jiwani	31 05	27 05	22 01	14 06	09 09	31 05
Karachi	07 02	10 03	09 03	06 12	07 11	09 [illegible]
Khanpur	07 06	26 03	26 02	23 08	23 09	18 03
Lahore	36 07	34 10	33 14	35 12	31 10	29 07
Multan	08 10	09 08	06 05	30 01	25 10	33 08
Muscat	—	—			—	
Panjgur	—	—	...	...	—	...
Peshawar		—	...		...	
Quetta			...	...	29 01	30 19
Shahjah						
Sylhet	08 06	08 01	10 02	13 11	11 04	27 17
Veraval	...					

At 0600 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	
Bogra	35 06	35 08	34 08	34 05							—
Chaklala		22 30	31 06	34 09	34 05	34 07	36 03	36 06	32 15	29 22	
Chhor	07 10	05 09	05 07	07 04	05 08	27 08	28 19	27 29	27 33	26 34	26 39
Chittagong	34 04	27 01	24 02	20 07	21 15	24 17	25 17	27 20	28 29	28 31	30 37
Cox's Bazar	—	—	—	—	...		—	—	...	...	—
Dalbandin		—	08 07	17 06	18 03	20 03	24 09	25 16	26 30	27 36	27 49
Drosh		...	—	—	01 12	02 09	36 09	11 03	29 06	27 11	
Fort Sandeman	...			23 04	21 05	17 07	17 08	31 16	29 21	29 28	26 25
Jacobabad	04 04	05 04	05 07	02 08	33 09	27 15	28 14	27 13	29 26	28 34	27 48
Jhelum	33 06	33 07	34 07	32 09	28 05	36 06	32 04	32 10	31 22	29 37	25 34
Jiwani	32 08	30 07	32 04	12 05	15 07	11 05	22 07	24 21	23 23	25 34	24 37
Karachi	08 11	08 08	09 09	03 12	08 15	15 08	27 11	27 25	—		—
Lahore	33 03	32 09	32 12	32 08	31 07	33 06	35 11	31 31	29 30	28 36	...
Multan	xx xx	xx xx	09 09	28 03	25 02	27 09	30 13	30 22	29 33	28 39	27 60
Muscat	—	—	...			—	...	...			
Peshawar	—	03 02	33 03	32 09	30 10	33 12	32 06	27 07	30 16	29 21	29 [illegible]
Quetta	..		—		19 03	34 08	33 10	26 09	25 33	27 29	27 51
Sylhet	09 02	07 05	09 07	13 03	25 05	27 20	28 30	28 4[illegible]	27 48	28 42	..

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

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

Height in g.p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 07	36 06	35 05	36 07	27 08	10 15	29 22	28 26	29 42	28 39	27 47	27 88	27 47		...			
Karachi ...	07 05	14 04	07 06	07 09	07 10	13 07	26 12	29 21	28 31	26 37	25 38	26 47	27 66	26 76				...
Peshawar ...	[illegible]	...	...		...					—	...					—		
Quetta ...																		

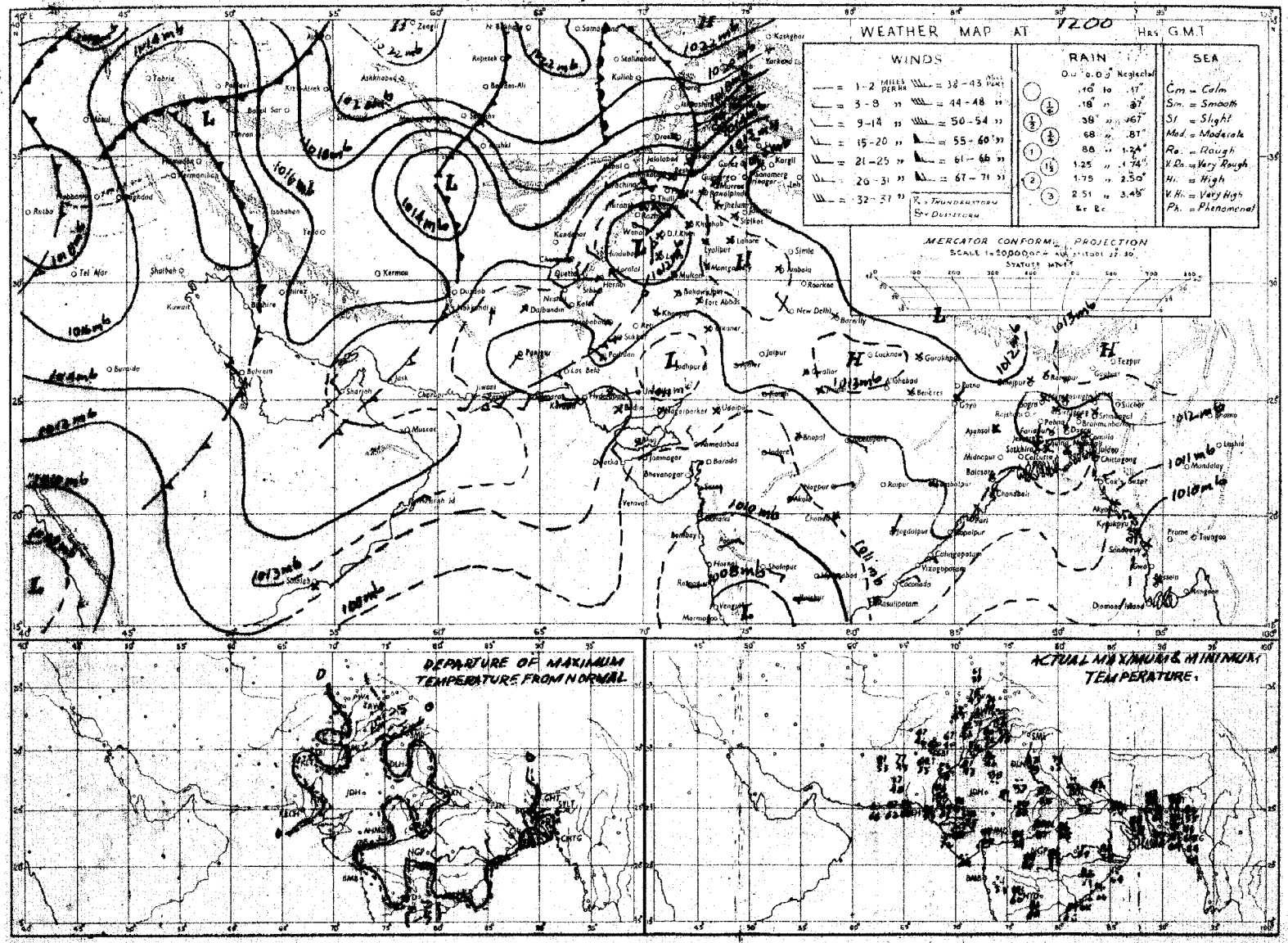
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 18th NOVEMBER, 1959.



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

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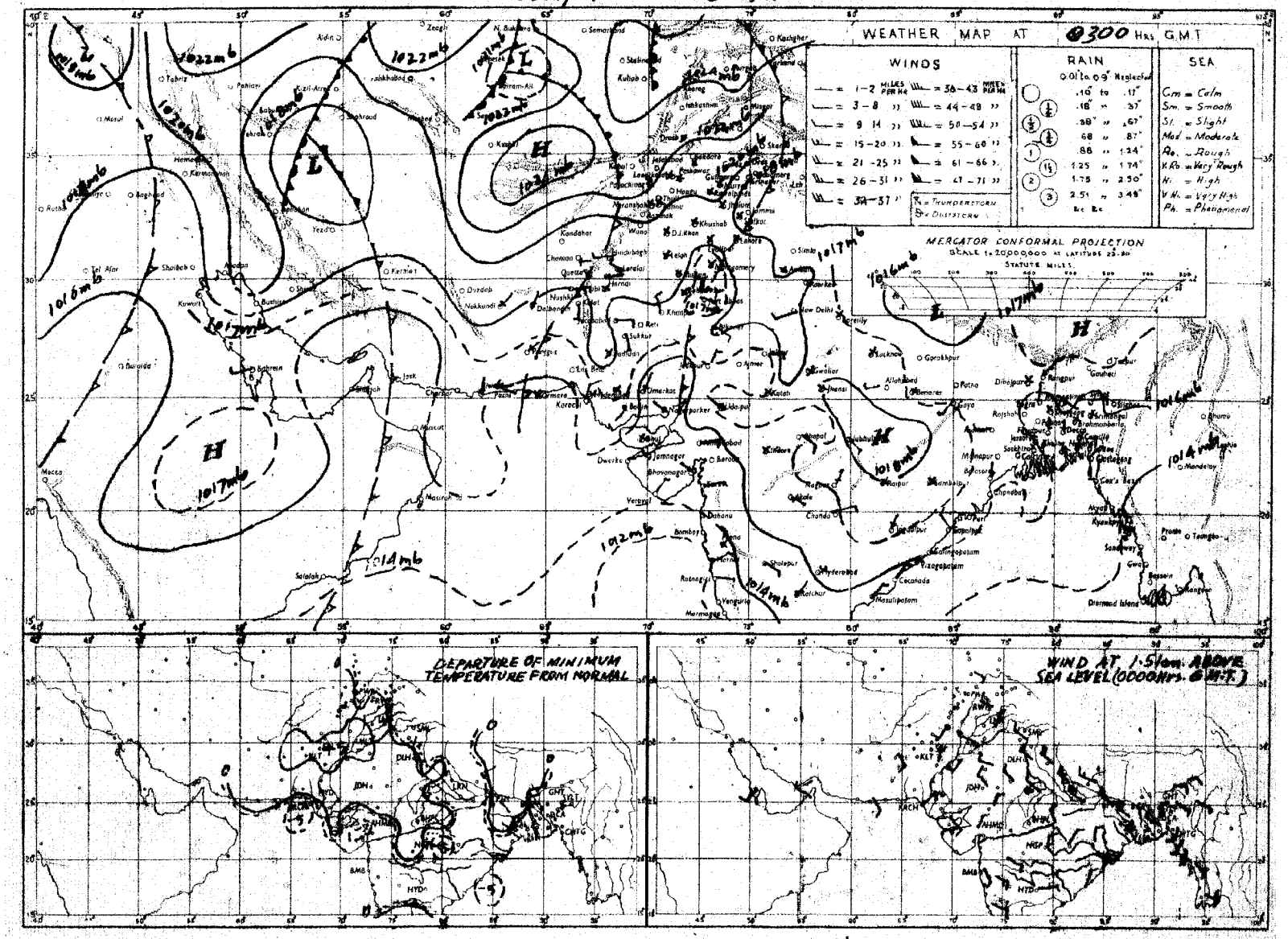
PAKISTAN DAILY WEATHER MAP

THURSDAY, 19th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 20th NOVEMBER, 1959.

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

Yesterday's western disturbance over northwest of Afghanistan is now moving away across east Russian Turkistan.
A fresh western disturbance lies over northwest of Afghanistan and neighbourhood.
Weather remained dry over the country.
Night temperatures were:- 4—6 °F above normal in West Pakistan outside Peshawar, Rawalpindi, Lahore, Hyderabad and coastal Kalat divisions and were 4—5 °F below normal in lower Chittagong division.
Forecast valid until the evening of 21st November, 1959. Weather will be dry over the country.

Karachi-11
The 20th November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	34	02	95	01	0	112	74	0	0	9	0	8	63	82
	Chittagong	000	0	0	31	05	xx	00	0	146	73	0	0	9	0	0	63	83
	Maijdee Court	000	9	9	09	00	xx	10	0	111	72	9	x	0	x	x	67	80
	Comilla	000	0	0	00	00	94	00	0	120	74	0	0	9	0	0	64	83
	Brahmanbaria	000	0	0	00	00	xx	00	1	116	75	0	0	9	0	0	67	81
	Sylhet	000	0	0	00	00	xx	01	0	112	69	0	0	9	0	0	61	80
	Srimangal	000	0	1	00	00	xx	01	0	116	69	1	1	7	0	0	65	82
Dacca	Mymensingh	000	0	0	00	00	97	00	0	120	75	0	0	9	0	0	60	82
	Narayanganj	000	0	0	00	00	xx	03	0	110	76	0	0	9	0	0	63	83
	Dacca (Tejgaon)	000	0	1	00	0C	97	02	0	109	72	1	5	6	0	0	62	81
	Faridpur	000	8	0	00	00	95	05	0	114	77	0	0	9	0	0	64	80
	Barisal	000	0	0	00	00	97	02	1	116	75	0	0	9	0	0	62	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	121	75	0	0	9	0	0	52	83
	Satkhira	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	60	82
	Jessore	000	0	0	31	02	97	00	0	129	75	0	0	9	0	0	62	81
	Sirajganj	000	0	0	00	00	90	00	1	088	72	1	0	9	0	0	72	84
	Bogra	000	0	0	00	00	xx	02	2	116	74	0	0	9	0	0	65	81
	Dinajpur	000	0	0	00	00	xx	00	0	113	76	0	0	9	0	0	64	84
	Rangpur	000	0	0	00	00	96	01	0	111	73	0	0	9	0	0	63	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	162	71	0	0	9	0	0	52	77
	Sialkot	000	0	0	00	00	98	00	0	151	71	0	0	9	0	0	53	74
Rawalpindi	Jhelum	000	0	0	31	02	97	02	0	156	69	0	0	9	0	0	43	76
	Rawalpindi	000	0	1	20	02	99	00	0	164	63	1	0	9	8	0	46	70
	Khushab	000	0	x	xx	xx	99	03	2	159	74	4	3	6	0	0	59	80
Multan	Lyallpur	000	0	5	29	02	96	02	0	166	74	5	0	9	0	4	54	79
	Montgomery	000	0	0	00	00	96	00	0	6	77	0	0	9	0	0	61	81
	Multan	000	0	4	00	00	97	03	0	164	79	0	0	9	0	2	50	63
Bahawalpur	Leiah	000	0	4	00	00	97	07	1	173	81	0	0	9	0	4	58	82
	Khanpur	000	0	5	36	02	96	03	0	152	77	5	0	9	1	0	57	83
	Bahawalpur	000	0	8	00	00	97	03	0	160	80	0	0	9	0	0	57	84
	Fort Abbas	000	0	0	34	02	98	00	0	143	78	0	0	9	0	0	58	xx
Peshawar	Chakdara	000	0	0	00	00	97	00	0	135	68	0	0	9	0	0	39	70
	Peshawar	000	0	2	00	00	98	03	0	172	67	1	1	6	0	1	48	76
	Haripur	000	0	0	09	02	97	00	0	143	69	0	0	9	0	0	49	76
	Campbellpur	000	0	0	36	00	98	00	0	183	70	0	0	9	0	0	47	73
D. I. Khan	Bannu	000	6	6	13	01	99	01	0	144	71	0	0	9	0	8	55	78
	D. I. Khan	000	6	3	00	00	98	03	0	153	76	0	0	9	0	3	60	81
Quetta	Sibi	000	2	4	23	02	98	03	0	155	80	0	0	9	2	0	44	85
Kalat	Nokkundi	000	0	0	09	02	99	02	0	121	78	0	0	9		0	34	81
	Turbat	000	0	0	23	03	98	00	0	141	89	0	0	9	0	0	64	91
	Jiwani	000	0	6	23	07	97	03	2	146	83	0	0	9	0	1	59	83
	Pasni	000	0	5	20	03	98	00	0	146	83	5	0	9	0	8	61	87
	Ormara	000	0	5	36	02	98	01	1	141	82	5	0	9	2	0	59	85
	Las Bela	000	0	0	00	02	98	00	0	103	87	0	0	9	0	0	53	92
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	09	98	00	0	137	84	0	0	9	0	0	76	86
	Karachi (Air Port)	000	0	2	05	02	97	03	0	144	85	0	0	9	0	1	45	88
	Badin	000	0	0	00	00	97	00	0	153	86	0	0	9	0	0	51	90
	Nagarparkar	000	0	0	00	00	98	00	0	977	85	0		9	0	0	67	86
	Umarkot	000	0	1	31	03	98	00	0	127	85	0	0	9	0	2	42	89
	Hyderabad	000	0	2	36	02	97	03	0	148	83	0	0	9	0	1	57	87
Khairpur	Pad-i-dan	000	0	1	34	03	97	01	0	153	80	0	0	9	0	1	54	83
	Nawabshah	000	0	2	31	03	97	02	0	160	82	0	0	9	0	1	50	86
	Sukkur	000	0	6	34	02	96	03	1	151	80	0	0	9	0	8	53	64
	Kashmore	000	0	0	xx	xx	99	00	0	152	78	0	1	4	0	0	49	80
	Jacobabad	000	0	4	18	03	97	02	1	154	81	0	0	9	0	4	48	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit	000	0	0	00	00	98	00	0	529	47	0	0	9	0	0	37	54
Rawalpindi	Murree	000	0	0	09	10	97	02	0	546	57	0	0	9	0	0	45	59
Peshawar	Drosh	000	0	0	36	05	98	00	0	536	56	0	0	9	0	0	44	63
	Cherat	000	4	1	16	03	99	01	0	527	58	0	0	9	0	1	35	65
	Kakul	000	0	1	00	00	98	02	0	528	59	0	0	9	0	4	38	64
	Landi Kotal	000	0	0	13	02	99	00	0	800	58	0	0	9	0	0	52	xx
	Parachinar	000	0	0	00	00	99	00	0	517	64	0	0	9	0	0	37	72
D. I. Khan	Miranshah	000	4	2	18	03	99	00	3	511	62	0	0	9	4	0	27	69
	Wana	000	0	0	00	00	98	02	0	535	66	0	0	9	0	0	36	69
	Fort Sandeman	000	0	0	20	06	98	00	0	494	60	0	0	9	0	1	42	63
Quetta	Hindubagh	000	0	3	13	02	98	01	1	345	61	0	0	9	0	0	29	69
	Loralai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai	000	0	1	00	00	96	00	0	508	61	0	1	9	0	0	37	64
	Quetta	000	0	0	27	02	97	00	0	533	67	0	0	9	0	0	18	71
	Chaman	000	0	6	31	05	97	01	2	535	56	0	0	9	0	1	30	61
Kalat	Kalat	000	0	5	31	05	98	03	0	570	74	5	0	9	0	8	44	77
	Nushki	000	0	7	13	02	98	03	2	534	76	1	0	9	0	4	33	78
	Dalbandin	000	0	2	23	03	98	03	1	533	78	0	0	9	0	0	37	78
	Panjgur																	
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 November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	0	07	03	97	00	0	141	75	0	0	9	0	0	62	62	— 2	— 5	0	— 2.6	141.1	140
	Chittagong	000	0	0	02	02	96	00	0	143	73	0	0	9	0	0	66	61	0	— 4	0	— 1.7	142.	108
	Maijdee Court	000	0	0	00	00	98	00	4	160	74	0	0	9	0	0	66	61	— 3	— 4	0	— 1.2	144.7	115
	Comilla	000	0	0	00	00	97	00	0	136	72	0	0	9	0	0	64	61	0	— 2	0	— 1.1	107	94
	Brahmanbaria	000	0	0	00	00	97	00	0	152	74	0	0	9	0	0	66	64	—	—	0	— 1.0	85.2	76
	Sylhet	000	0	1	09	09	97	01	0	143	71	1	1	6	0	0	59	59	—	—	0	—	193.1	—
	Srimangal	000	0	1	00	00	96	01	0	147	73	1	4	7	0	0	65	54	— 4	— 5	0	— 1.3	109	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	152	68	0	0	9	0	0	63	61	0	— 3	0	— 0.8	113.3	91
	Narayanganj	000	0	1	00	00	96	01	0	144	75	1	0	9	3	0	62	64	0	— 1	0	— 0.9	103.5	74
	Dacca (Tejgaon)	000	0	2	00	00	97	02	0	140	71	1	1	6	3	0	63	60	—		0	—	103.4	—
	Faridpur	000	9	1	36	02	95	03	0	157	73	1	5	6	0	0	60	61	— 1	— 2	0	— 1.6	116.7	71
	Barisal	000	3	0	00	00	96	02	4	143	70	0	0	9	0	0	67	64	— 2	0	0	— 1.4	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	149	75	0	0	9	0	0	62	63	0	— 2	0	— 1.1	102.4	68
	Satkhira	000	0	0	00	00	98	00	0	153	73	0	0	9	0	0	61	61	— 3	— 2	0	— 0.7	62.1	65
	Jessore	000	0	0	31	03	97	00	0	148	71	0	0	9	0	0	56	59	—	—	0	— 0.9	105.1	65
	Sirajganj	000	0	0	00	00	98	00	0	132	75	0	0	9	0	0	70	62	+ 2	0	0	— 0.7	107.7	64
	Bogra	000	0	0	05	02	96	02	0	151	71	0	0	9	0	0	62	61	— 1	— 1	0	— 0.7	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	145	66	0	0	9	0	0	56	59	+ 2	— 1	0	— 0.3	64.9	72
	Rangpur	000	0	1	05	01	96	01	4	xxx	70	1	5	6	0	0	68	60	— 6	0	0	— 0.4	104.4	94
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	162	56	0	0	9	0	0	51	45	— 6	— 1	1.1	+ 1.1	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	158	56	0	0	9	0	0	52	49	— 6	0	3.1	+ 3.0	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	95	10	0	162	50	0	0	9	0	0	47	46	—	—	3.4	—	53.3	—
	Rawalpindi	000	0	0	00	00	99	00	0	183	44	0	0	9	0	0	43	42	— 7	— 1	3.2	+ 3.1	55.5	36
	Khushab	000	0	0	00	00	99	00	0	154	57	0	0	9	0	0	57	50	— 2	+ 1	1.1	+ 0.7	26.5	15
Multan	Lyallpur	000	0	0	00	00	95	00	0	158	52	0	0	9	0	0	50	52	— 2	+ 4	0.7	+ 0.7	19.0	12
	Montgomery	000	0	0	00	00	96	00	0	165	55	0	0	9	0	0	53	52	— 2	+ 1	0.1	+ 0.1	8.5	10
	Multan	000	0	0	00	00	94	05	0	177	57	0	0	9	0	0	53	55	+ 1	+ 5	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	97	04	0	201	59	0	0	9	0	0	56	50	—	—	2.5	—	4.9	8
	Khanpur	000	0	0	00	00	95	03	0	168	59	0	0	9	1	0	51	58	— 4	+ 7	0	0	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	178	63	0	0	9	0	0	51	53	— 1	+ 2	0.1	+ 0.1	4.6	6
	Fort Abbas	000	0	0	20	03	98	00	0	157	59	0	0	9	0	0	49	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	181	44	0	0	9	0	0	38	41	—	—	5.4	—	31.9	—
	Peshawar	000	0	0	18	02	97	02	1	178	51	0	0	9	0	0	40	47	0	— 1	5.0	+ 5.0	28.5	14
	Haripur	000	0	0	23	04	97	00	0	151	51	0	0	9	0	0	39	49	—	—	4.0	—	35.2	—
	Campbellpur	000	0	0	09	00	98	00	0	189	50	0	0	9	0	0	46	43	—	—	3.1	—	39.1	—
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	168	57	0	0	9	0	0	45	xx	0	—	2.4	—	15.2	11
	D. I. Khan	000	0	0	31	02	98	00	0	165	57	0	0	9	0	0	52	53	0	+ 5	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	0	3	00	00	98	01	1	180	55	0	0	9	0	2	51	53	—	—	4.0	—	9.2	5
Kalat	Nokkundi	000	0	0	11	02	99	04	0	172	59	0	0	9	0	0	35	57	—	—	0.5	—	1.6	3
	Turbat	000	0	0	09	02	97	00	0	107	65	0	0	9	0	0	54	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	6	00	00	97	02	2	168	68	0	0	9	0	1	56	62	—	—	0.8	—	7.5	4
	Pasni	000	0	6	31	00	98	00	0	164	65	6	0	9	0	8	61	61	+ 2	+ 2	0.3	+ 0.1	3.4	6
	Ormara	000	0	6	00	00	98	02	1	163	66	6	0	9	0	0	63	61	—	—	2.7	+ 2.7	6.8	6
	Las Bela	000	0	0	00	02	98	00	0	104	72	0	0	9	0	0	50	58	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	00	00	95	05	2	169	67	0	0	9	0	4	47	63	+ 2	— 3	1.8	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	3	36	02	96	03	0	160	68	0	0	9	0	5	63	59	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	96	00	0	171	64	0	0	9	0	0	56	59	—	—	0.4	+ 0.2	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	023	76	0	0	9	0	0	66	72	—	—	0	—	30.5	—
	Umarkot	000	0	3	02	03	98	00	0	153	59	0	0	9	0	2	37	54	—	—	0.5	—	20.8	—
	Hyderabad	000	0	6	36	02	97	03	1	169	65	0	0	9	0	8	55	61	— 1	+ 2	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	2	00	00	96	03	0	178	56		0	9	0	4	54	52	—	—	0.3	—	7.9	—
	Nawabshah	000	0	4	00	00	96	02	2	182	58	0	0	9	0	1	52	54	—	—	0.3	—	7.5	—
	Sukkur	000	9	6	16	02	96	04	1	173	57	0	0	9	0	8	53	56	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	xx	xx	99	00	1	175	67	0	0	9	0	0	49	52	—	—	1.3	—	3.4	—
	Jacobabad	000	0	2	00	00	98	02	1	176	59	0	0	9	0	1	51	60	— 1	+ 7	0.3	+ 0.3	4.7	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit	000	0	0	02	09	98	00	0	522	45	0	0	9	0	0	32	39	— 2	— 2	4.2	+ 3.8	82.6	5
Rawalpindi	Murree	000	0	0	[illegible]	00	98	02	0	558	41	0	0	9	0	0	31	40	— 5	— 3	3.3	—	34.0	59
Peshawar	Drosh	000	0	0	36	03	98	00	0	527	52	0	0	9	0	0	46	46	— 2	— 3	5.7	+ 5.3	37.1	18
	Cherat	000	0	0	09	02	99	02	0	514	51	0	0	9	0	0	26	45	—	—	4.4	—	59.4	29
	Kakul	000	0	0	00	00	99	00	0	512	51	0	0	9	0	0	33	42	—	—	3.9	—	22.8	—
	Landi Kotal	000	0	0	00	00	99	00	0	801	50	0	0	9	0	0	xx	xx	—	—	5.3	—	33.4	—
	Parachinar	000	0	0	00	00	99	00	0	491	50	0	0	9	0	0	31	45	—	—	1.1	+ 1.1	8.1	29
D. I. Khan	Miranshah																		—			—		13
	Wana	000	0	0	00	00	97	02	0	540	49	0	0	9	0	0	31	43	— 1	+ 4	4.7	+ 4.7	20.7	—
	Fort Sandeman	000	0	0	27	03	98	00	0	517	40	0	0	9	0	0	26	39	—	—	3.3	—	14.0	11
Quetta	Hindubagh	000	0	0	31	03	98	00	0	337	45	0	0	9	0	0	27	42	—	—	4.3	—	17.3	—
	Loralai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 6.7	18.7	—
	Harnai	000	0	6	00	00	94	02	0	554	50	2	2	7	0	4	40	33	—	—	1.6	+ 1.4	11.9	14
	Quetta	000	0	0	18	02	97	00	0	534	50	0	0	9	0	0	28	47	+ 4	+ 5	0.4	+ 0.4	6.7	8
	Chaman	000	0	3	18	07	98	02	1	559	41	0	0	9	0	1	29	34	— 1	+ 4	1.1	+ 1.0	12.1	7
Kalat	Kalat	000	0	2	09	25	98	03	0	580	63	2	0	9	0	8	39	52	—	—	0.6	—	3.9	9
	Nushki	000	0	6	00	00	98	03	1	509	47	0	0	9	0	4	29	46	+ 5	+ 7	0.2	+ 0.2	2.4	—
	Dalbandin	000	0	0	05	04	98	00	0	529	53	0	0	9	0	0	25	49	+ 5	+ 5	0.1	—	4.2	5
	Panjgur																							4
Afghanistan	Kabul																							12
	Kandahar																							—

Givtain Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV .. W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N, Ch. h.	O T_sT_s T_dT_d	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Elysia	53 138	515 00	4 07 13	98 03 1	130 78	45 5 10	25 50 2		0 00 69	1 07 31
Fogo	53 175	561 00	3 06 15	98 02 0	118 73	38 3 00	55 40 0	...	0 36 68	1 06 21
Timor	53 147	645 00	3 03 05	97 01 1	085 72	32 4 03	65 61 0	...	0 60 73	1 03 21
Kyokucimaru	53 198	638 00	4 03 03	98 02 0	132 73	41 5 08	76 71 5	...	0 84 xx	
Alvalos	53 220	598 00	0 10 03	98 01 0	105 73	00 9 03	34 70 3	...	0 80 72	1 10 x1
Kyokucimaru	53 206	625 06	3 10 08	98 02 0	181 77	31 5 00	26 21 4	...	0 00 xx	
Alvalos	53 209	593 06	2 08 09	98 03 0	135 82	20 8 60	34 48 8	...	0 03 72	1 05 x1
Alfred Fraissinet	53 264	560 06	3 04 04	98 02 2	176 77	11 8 41	26 11 5	...	0 57 70	1 04 x0
Echomaru	53 270	622 06	2 09 07	98 02 0	190 79	11 4 00	35 21 0	...	0 00 64	1 09 32
Silverdale	53 226	612 12	3 00 02	98 00 0	152 80	11 5 06	75 60 4	...	0 32 68	1 00 xx
Eanamaru	53 212	623 12	1 05 18	98 02 1	155 79	11 4 00	25 82 5	...	0 82 68	1 05 32
Alvalos	53 197	585 12	8 03 05	98 03 1	099 82	65 5 00	35 61 8	...	0 02 75	1 03 x1
Alfred Fraissinet	53 255	573 12	4 00 00	98 02 1	154 77	11 3 41	36 40 8	...	0 34 66	1 00 x0
Gerardner	53 105	606 15	3 99 12	98 01 2	101 81	32 5 xx	74 20 7	...	0 64 75	1 06 12
Drenter	53 088	688 18	1 02 03	98 02 0	099 82	12 4 03	26 00 0	...	0 00 73	1 02 20
Alfred Fraissinet	53 242	584 18	2 12 06	98 02 0	159 77	10 5 41	36 10 6	...	0 55 64	1 12 x0
Alvalos	53 187	576 18	0 90 00	99 02 0	110 77	00 9 00	55 30 0	...	0 53 75	1 03 01
Uhomaru	53 203	645 18	8 06 20	98 00 0	160 79	00 9 00	35 40 0	...	0 00 68	1 06 31
Silver Dale	53 235	599 18	6 04 04	98 02 2	161 76	00 9 00	78 20 2	8 81 99	0 64 68	1 04 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_d$$T_d$	1000 mb (HHHTTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	012 192 148	109 195 145	—	149 112 088	..	310 102 999	437 035 999	582 570 999	752 698 999	959 842	232 032	—	—
Jiwani														
Karachi	00 00	013 195 198	126 282 162		147 188 052	..	315 088 999	440 015 999	584 585 999	753 702 999	960 855	230 072	409 145	452 202
Lahore														
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 152 105	..	..	—	..	—	—	—	—	900 152 105	...	—
Jiwani													
Karachi	00 00	900 198 082	800 112 022	...	..	...	—	—	—	...	800 112 022	—	—
Lahore													
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	01 05	01 07	35 06	02 03	30 05	28 24	—	..	..
Chaklala									
Chhor	02 07	04 09	04 08	05 08	09 05	30 11	23 16	09 21	27 30
Chittagong	29 13	34 05	08 03	17 10	20 16	26 12	...	..	..
Cox's Bazar	18 07	03 04	17 04	22 01	15 03				
Dacca	35 03	34 04	34 04	35 06	36 08	36 20	28 23	27 31	28 32
Dalbandin	...	—	07 02	27 02	23 09	22 14	24 16	26 21	26 39
D. I. Khan		—	—						
Drosh					03 05	36 08	36 08	36 11	36 15
Fort Sandeman				20 04	20 03	28 07	26 05	27 16	26 23
Jacobabad	18 04	20 04	21 04	34 08	35 12	30 17	26 12	29 20	29 51
Jessore	34 06	01 09	02 06	34 09	31 11	29 22			
Jhelum	31 08	32 09	33 09	33 08	33 07	35 03	11 03	30 09	29 19
Jiwani	22 03	25 01	10 01	11 03	14 03	27 01	26 09	27 13	27 15
Karachi	11 03	04 02	06 04	08 08	11 11	27 06	27 10	25 15	25 20
Khanpur	36 04	7 01	15 06	17 08	08 11	26 14	28 09	27 19	28 19
Lahore	32 08	33 10	31 12	32 17	31 15	33 12	32 06	32 14	29 17
Multan	06 02	09 03	15 03	23 02	29 05	27 08	28 14	29 15	27 22
Muscat	...						...		
Panjgur	...								
Peshawar	...	26 04	32 06	32 07	31 07	32 06	31 04	29 10	29 18
Quetta	—		—	—	31 05	27 07	26 09	24 13	26 44
Sharjah									
Sylhet	16 02	24 01	25 01	11 01	04 09	28 11	26 28	27 37	27 44
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	01 07	01 06	03 06	07 05	29 10	27 24
Chaklala	—	05 02	33 08	33 17	32 12	33 04
Chhor	06 09	08 07	12 04	31 03	35 11	34 12
Chittagong	35 03	34 05	15 01	20 16	23 13	28 20
Cox's Bazar	36 11	36 06	21 09	35 07	23 09	23 1
Dacca	05 04	04 07	02 09	26 03	27 14	28 23
Dalbandin	—	—	18 07	18 11	17 13	28 16
D. I. Khan	—	—	—	—	—	—
Drosh	—	...	—	14 01	15 07	13 14
Fort Sandeman	...	...	..	23 07	29 06	31 37
Jacobabad	08 04	02 02	30 07	28 07	31 06	31 18
Jessore	36 14	36 10	36 08	30 02	28 10	27 21
Jhelum	32 10	32 23	32 31	31 25	29 07	06 07
Jiwani	32 07	29 06	22 02	03 04	09 13	18 05
Karachi	05 16	10 10	13 11	12 09	11 09	03 11
Khanpur	10 07	11 05	11 04	10 06	12 04	23 06
Lahore	31 17	31 23	31 24	32 24	33 18	30 12
Multan	21 07	22 05	26 09	30 15	29 22	—
Muscat	...	—	—	—	—	—
Panjgur	—	—	..	..	—	—
Peshawar	..	—	—	...	—	—
Quetta	..	..	—	...	35 02	30 12
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	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	01 08	01 09	02 07	06 08	01 08						
Chaklala	—	25 02	33 04	36 06	34 04	27 03	27 07	28 17	30 20	29 34	30 31
Chhor										..	...
Chittagong	20 01	13 02	19 10	21 12	33 12	27 19	36 20	27 31	28 27		
Cox's Bazar	33 01	34 04	20 10	20 19	25 12	28 15	28 23	29 21	31 15	28 21	30 25
Dacca	01 05	02 03	02 05	35 07	20 09	28 23	28 27	28 29	28 33	28 27	28 46
Dalbandin		—	12 06	23 09	21 13	21 08	22 10	25 21	25 21	27 21	26 23
D. I. Khan	..	..	—	—				...	...	—	...
Drosh	...	..			03 11	01 16	35 21				
Fort Sandeman	...	—		25 08	32 14	31 16	29 12	30 12	26 24	28 37	27 30
Jacobabad	22 02	23 02	26 03	25 08	25 06	34 12	27 10	26 30	27 28	27 37	27 45
Jessore	32 17	34 08	37 07	33 05	30 09	30 25	28 33	28 28	28 29	28 31	27 39
Jhelum	31 05	31 11	31 11	30 08	29 02	32 07	29 07	29 12	31 19	30 29	29 32
Jiwani	16 03	03 03	02 03	08 08	10 11	32 06	25 06	23 19	27 12	25 45	23 31
Karachi	06 07	07 06	09 05	10 07	09 10	22 04	24 13	25 27	25 25	27 25	25 31
Khanpur	19 12	21 08	21 06	30 07	35 08	33 16	28 14	27 34	27 36	27 37	27 40
Lahore	34 03	31 15	31 15	32 21	32 19	32 17	30 13	28 13	30 19	30 35	39 19
Multan	19 10	23 11	23 13	25 10	27 09	26 08	39 13	29 15	29 21	28 29	28 43
Muscat	—	—	...			...	...	...		...	...
Panjgur	—	—	—	—		...	...			—	...
Peshawar	...	...	...							...	..
Quetta		—	...		22 02	31 14	30 12	29 18	28 24	..	..
Sharjah											..
Sylhet	08 08	08 15	09 15	05 11	18 09	26 12	27 33	27 30	27 30	28 46	28 41
Veraval	—	...		—		—	—	—		..	

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

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

Heights in g.p. a.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.?	16.?	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	04 06	03 07	03 13	03 16	14 19	26 30	28 31	29 38	29 46	29 54	29 81	28 86						
Karachi	06 09	09 08	10 07	10 08	08 04	24 03	25 23	25 28	33 30	35 28	26 30	36 81	25 66	25 64	25 83	25 82	28 [illegible]	25 59
Peshawar	Mijda	...	—	—	...			—		—	—		—		—	—	—	—
Quetta																		

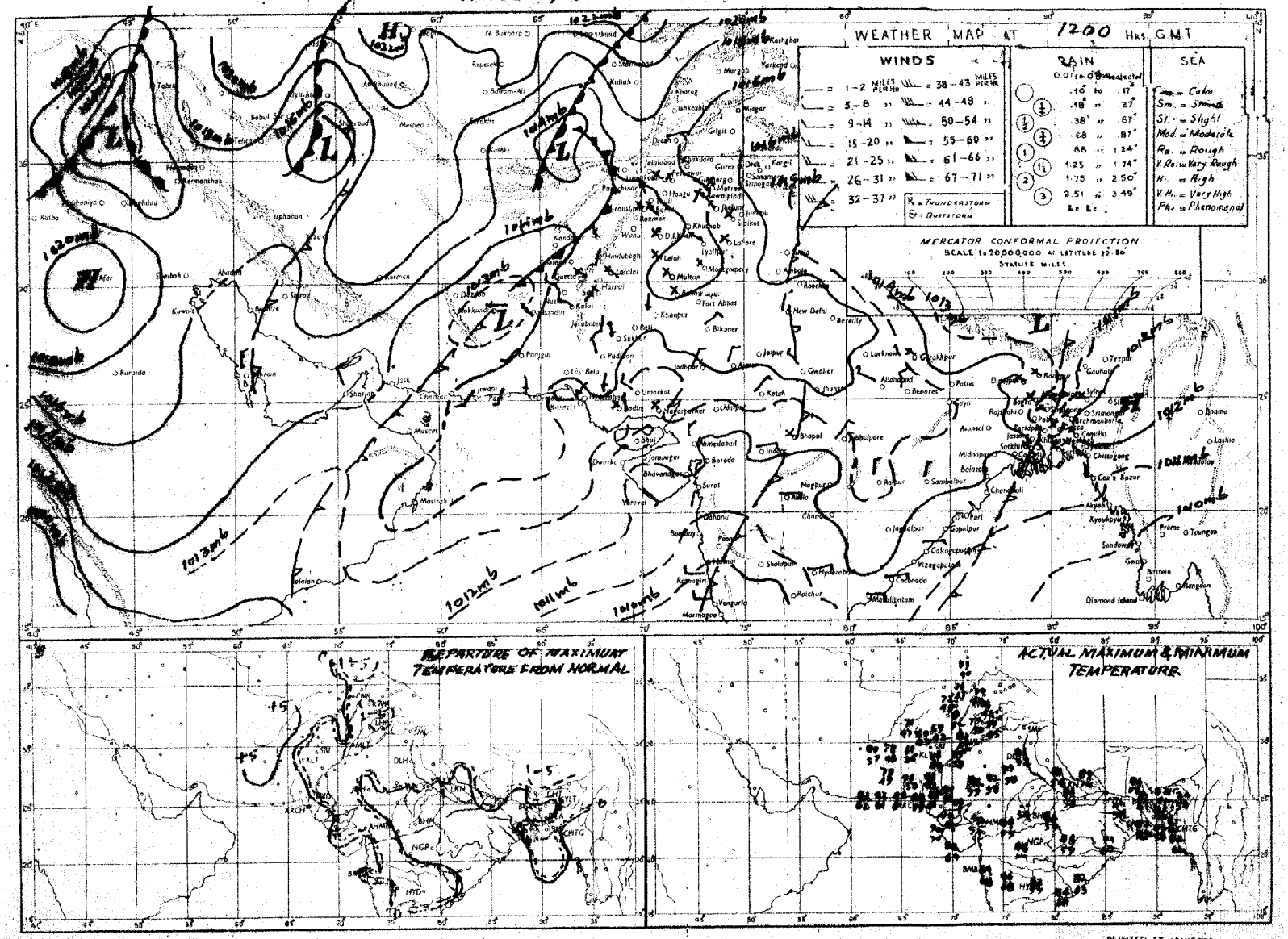
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 19th NOVEMBER, 1959.



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

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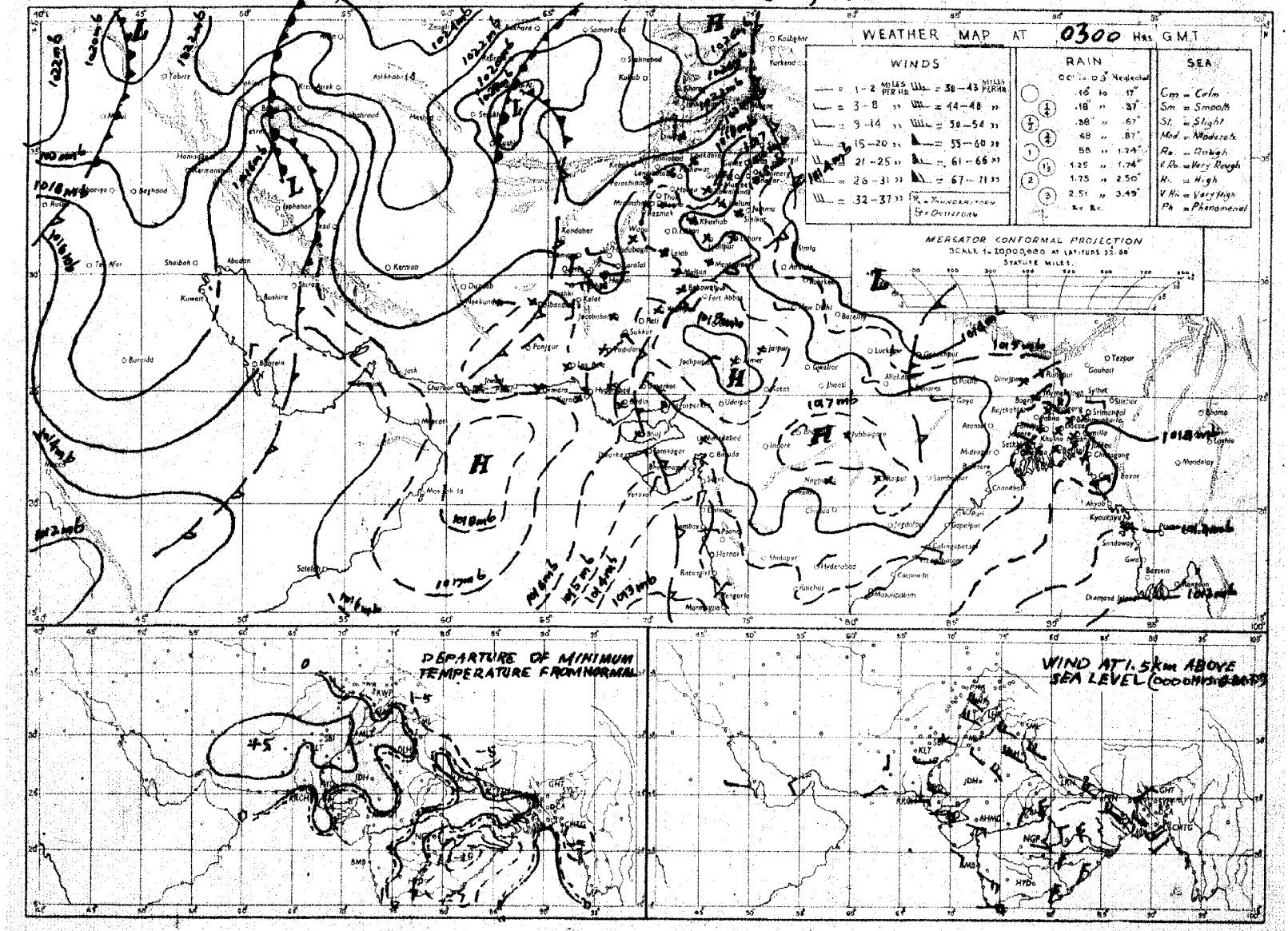
PAKISTAN DAILY WEATHER MAP

FRIDAY 20th NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 21st NOVEMBER, 1959.

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

Yesterday's western disturbance northwest of Afghanistan is now moving across Russian Turkistan with its associated trough extending to D. I. Khan division.
A fresh secondary western disturbance lies over Central Iran.
Weather remained dry over the country.
Night temperatures were:- 4—8 °F above normal over West Pakistan outside Hyderabad divisions and the Federal Capital Area and were 2—4°F below normal in south Chittagong division.
Forecast valid until the evening of 22nd November, 1959. scattered rain/drizzle will occur in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 21st November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	112	73	0	0	9	0	6	61	81
	Chittagong	000	0	0	29	02	xx	00	0	109	73	0	0	9	0	0	44	81
	Maijdee Court	000	9	9	03	00	xx	10	0	112	73	9	x	9	x	x	67	79
	Comilla	000	0	0	00	00	97	00	0	115	76	0	0	9	0	0	65	79
	Brahmanbaria	000	0	0	00	00	97	00	1	116	72	0	0	9	0	0	66	82
	Sylhet	000	0	1	00	00	xx	02	0	107	72	1	1	6	0	0	59	80
	Srimangal	000	0	1	00	00	xx	00	0	114	71	1	1	7	0	0	65	83
Dacca	Mymensingh	000	0	0	00	00	98	00	0	116	75	0	0	9	0	0	63	82
	Narayanganj	000	9	1	00	00	98	00	0	108	75	1	5	6	0	0	61	83
	Dacca (Tejgaon)	000	9	1	00	00	97	02	1	107	72	1	5	6	0	0	62	80
	Faridpur	000	8	1	36	02	95	05	0	115	76	1	4	8	0	0	63	80
	Barisal	000	0	0	00	00	97	02	1	114	78	0	0	9	0	0	64	80
Rajshahi	Khulna	000	0	0	00	00	98	00	0	121	74	0	0	9	0	0	61	82
	Satkhira	000	0	4	36	02	97	01	1	117	77	4	4	6	0	0	61	82
	Jessore	000	0	0	00	00	92	08	1	097	72	0	0	9	0	0	72	84
	Sirajganj	000	0	0	00	00	xx	07	2	114	72	0	0	9	0	0	63	80
	Bogra	000	0	0	00	00	xx	00	0	114	76	0	0	9	0	0	63	82
	Dinajpur	000	0	0	00	00	96	01	0	xxx	74	0	0	9	0	0	66	80
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	143	73	0	0	9	0	1	52	78
	Sialkot	000	0	0	00	00	98	00	0	133	76	0	0	9	0	0	54	74
Rawalpindi	Jhelum	000	0	0	00	00	97	00	0	135	69	0	0	9	0	0	51	77
	Rawalpindi	000	0	0	20	02	99	00	0	146	65	0	0	9	0	0	44	74
	Khushab	000	0	0	00	00	99	00	0	137	79	0	0	9	0	0	50	81
Multan	Lyallpur	000	0	0	31	02	96	00	0	141	76	0	0	9	0	0	54	80
	Montgomery	000	0	4	18	02	97	01	1	139	78	0	0	9	0	2	54	82
	Multan																	
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	147	80	0	0	9	0	0	54	80
	Khanpur	000	0	3	00	00	96	03	0	140	82	3	0	9	1	2	55	87
	Bahawalpur	000	0	4	00	00	97	00	0	159	60	4	0	9	0	4	56	85
	Fort Abbas	000	0	0	03	04	98	00	0	132	80	0	0	9	0	0	56	80
Peshawar	Chakdara	000	0	0	00	03	97	00	0	114	69	0	0	9	0	0	36	71
	Peshawar	000	0	0	00	00	97	02	0	140	69	0	0	9	0	0	53	76
	Haripur	000	0	0	23	02	97	00	0	140	70	0	0	9	0	0	49	78
	Campbellpur	000	0	0	09	02	98	00	0	163	60	0	0	9	0	0	44	73
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	132	71	0	0	9	0	0	54	78
	D. I. Khan	000	0	0	00	00	98	00	0	134	72	0	0	9	0	0	63	81
Quetta	Sibi	000	0	5	23	02	98	03	1	146	79	0	0	9	6	2	50	82
Kalat	Nokkundi	000	0	0	13	02	99	02	0	111	80	0	0	9	0	0	34	83
	Turbat	000	0	0	23	02	98	00	0	138	88	0	0	9	0	0	63	91
	Jiwani	000	0	0	23	09	97	02	2	146	79	0	0	9	0	0	61	82
	Pasni	000	0	0	20	07	98	00	0	147	81	1	0	9	0	0	67	84
	Ormara	000	0	0	09	03	98	00	0	141	83	0	0	9	0	0	58	87
	Las Bela	000	0	0	xx	xx	98	00	0	127	88	0	0	9	0	0	52	93
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	12	98	01	1	137	85	0	0	9	0	1	76	87
	Karachi (Air Port)	000	0	1	27	02	97	02	0	138	84	0	0	9	6	5	61	90
	Badin	000	0	0	00	00	97	00	0	140	88	0	0	9	0	0	54	91
	Nagarparkar	000	0	0	00	00	98	00	0	125	86	0	0	9	0	0	66	88
	Umarkot	000	0	0	29	03	98	00	0	125	85	0	0	9	0	0	47	89
	Hyderabad	000	0	1	00	00	97	02	0	140	83	0	0	9	0	1	57	87
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	138	85	0	0	9	0	1	51	87
	Nawabshah	000	0	0	31	05	97	02	0	148	84	0	0	9	0	0	45	87
	Sukkur	000	8	4	00	00	96	02	1	135	80	0	0	9	0	3	51	85
	Kashmore	000	0	0	xx	xx	99	0	0	134	76	0	0	9	0	0	53	85
	Jacobabad	000	0	3	23	02	97	02	1	141	81	0	0	9	0	1	48	84
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	05	02	98	00	0	518	47	0	0	9	0	0	37	56
Peshawar	Drosh	000	0	0	05	03	97	02	0	527	55	0	0	9	0	0	45	59
	Cherat	000	0	0	31	05	98	00	0	519	57	0	0	9	0	0	45	66
	Kakul	000	0	0	18	02	99	02	0	514	59	0	0	9	0	0	34	69
	Landi Kotal	000	0	0	00	00	99	00	0	511	61	0	0	9	0	0	32	67
	Parachinar	000	0	0	13	02	99	00	0	801	59	0	0	9	0	0	xx	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	504	67	0	0	9	0	0	33	73
	Wana	000	0	0	18	02	99	00	0	492	67	0	0	9	0	0	45	68
	Fort Sandeman	000	0	0	00	00	98	02	0	535	69	0	0	9	0	0	39	70
Quetta	Hindubagh	000	0	0	29	04	98	00	0	486	64	0	0	9	0	0	34	67
	Loralai	000	0	3	18	03	97	01	1	351	64	0	0	8	0	1	34	72
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	4	00	00	94	02	0	517	61	4	1	7	0	0	47	63
	Chaman	000	0	0	31	02	97	00	0	519	70	0	0	9	0	0	18	73
Kalat	Kalat	000	0	2	31	05	97	01	2	511	56	3	0	7	3	0	30	64
	Nushki	000	0	5	31	05	98	03	0	573	77	5	0	9	0	8	42	81
	Dalbandin	000	0	7	25	05	98	03	2	523	78	2	0	9	4	4	38	81
	Panjgur	000	0	4	23	03	98	03	1	523	76	0	8	9	4	0	39	76
Afghanistan	Kabul	000	0	0	18	03	99	00	0	594	54	0	0	9	0	0	40	62
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	1	07	02	97	03	0	146	76	1	1	7	0	0	65	61	— 3	— 4	0	— 2.7	141.1	143
Chittagong	000	0	0	00	00	96	00	0	115	73	0	0	9	0	0	64	61	+ 2	— 2	0	— 1.7	142	100
Maijdee Court	000	9	0	00	00	98	00	0	151	75	0	0	9	0	0	69	62	+ 4	— 2	0	— 1.3	145.6	115
Comilla	000	0	0	00	00	97	00	0	147	74	0	0	9	0	0	63	60	— 4	— 1	0	— 1.1	107.1	94
Brahmanbaria																							76
Sylhet	000	0	1	09	05	97	01	0	149	72	1	2	6	6	0	59	61	—	—	0	—	193.9	—
Srimangal	000	0	1	00	00	96	01	0	151	73	1	1	7	0	0	65	85	— 3	— 2	0	— 1.3	109.4	98
Mymensingh	000	0	0	27	02	97	00	1	158	71	0	0	9	0	0	64	62		— 1	0	— 0.8	113.3	91
Narayanganj	000	9	1	34	02	96	03	4	150	72	1	0	9	3	0	63	64	0		0	— 0.9	10.4	74
Dacca (Tejgaon)	000	0	3	36	02	97	03	0	148	71	2	5	5	0	1	65	58	0	0	0	—	103.6	—
Faridpur	000	9	0	36	02	95	05	0	162	74	0	0	9	0	0	66	61	— 1	— 0	0	— 1.0	116.7	71
Barisal	000	4	0	31	01	97	02	4	145	70	0	0	9	0	0	65	62	— 3	— 1	0	— 1.4	140.1	81
Khulna	000	0	0	00	00	97	00	0	154	72	0	0	9	0	0	64	63		+ 2	0	— 1.1	102.7	68
Satkhira	000	0	0	36	02	98	00	0	157	72	0	0	9	0	0	59	60	— 3	+ 1	0	— 0.7	82.1	65
Jessore	000	0	2	05	03	97	01	0	154	71	2	5	6	0	0	63	60	—	+ 1	0	— 0.9	105.8	65
Sirajganj	000	0	0	00	00	98	00	0	143	75	0	0	9	0	0	67	64	+ 2	+ 3	0	— 0.7	107.7	64
Bogra	000	0	x	36	02	97	02	0	153	70	0	0	9	0	0	63	62	— 2	+ 1	0	— 0.8	104.4	69
Dinajpur	000	0	0	00	00	94	00	0	155	67	0	0	9	0	0	57	59	0	0	0	— 0.3	66.9	72
Rangpur	000	0	0	05	02	96	01	4	xxx	69	0	0	9	0	0	64	60	— 2	0	0	— 0.4	10.4	94
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	95	10	0	168	55	0	0	9	0	1	53	49	— 5	+ 4	1.1	+ 1.1	37.1	19
Sialkot	000	2	0	00	00	96	10	4	169	56	0	0	9	0	0	54	49	— 6	+ 2	3.1	+ 3.0	61.8	32
Jhelum	000	0	1	00	00	96	03	0	173	49	0	0	9	0	1	46	45	—	—	3.4	—	53.5	—
Rawalpindi	000	0	0	00	00	98	00	0	192	44	0	0	9	0	0	43	41	— 3	— 1	3.2	+ 3.0	35.5	36
Khushab	000	0	0	00	00	99	00	0	184	52	0	0	9	0	0	43	47	— 1	0	10.1	+ 1.0	26.5	15
Lyallpur	000	0	6	00	00	94	41	4	168	53	6	0	9	2	0	52	51	— 1		0.7	+ 0.7	19.0	12
Montgomery	000	0	0	23	02	96	00	0	16[illegible]	53	1	0	9	0	0	51	50		+ 1	0.1	+ 0.1	8.5	10
Multan	000	0	5	00	00	97	03	0	172	60	2	0	9	3	2	51	55	0	+ 4	0.2	+ 0.2	8.3	7
Leiah	000	0	5	00	00	98	03	2	158	57	0	0	8	5	0	55	53	—	—	2.5	—	7.0	8
Khanpur	000	0	4	00	00	96	03	0	169	59	4	0	6	4	0	48	53	— 0	+ 4	00	+ [illegible]	4.4	6
Bahawalpur	000	0	6	00	00	97	03	0	175	63	0	0	8	0	1	56	55	+ 4	+ 7	0.1	+ 0.1	6.4	6
Fort Abbas	000	0	0	1[illegible]	03	98	00	0	166	58	0	0	9	1	0	48	xx	—	—	1.0	—	10.2	4
Chakdara	000	0	0	36	03	97	00	0	193	43	0	0	9	0	0	39	41	—		3.4	—	32.0	—
Peshawar	000	0	0	23	02	98	02	0	186	48	0	0	9	0	0	41	46	— 0	0	5.0	+ 5.0	28.5	14
Haripur	000	0	0	23	04	97	00	0	158	52	0	0	9	0	0	39	49	—	—	4.0	—	35.2	—
Campbellpur	000	0	0	09	00	98	00	0	198	51	0	0	9	0	0	42	42	—	—	3.2	—	39.1	
Bannu	000	0	0	29	01	99	00	0	160	57	0	0	9	0	0	41	51	—	—	2.4	—	15.2	11
D. I. Khan	000	0	1	00	00	98	01	1	160	54	0	0	9	0	1	50	50	0	+ 4	1.6	+ 1.6	16.5	10
Sibi	000	2	6	00	00	98	03	1	175	58	0	0	9	3	0	52	54	—	—	4.0	—	9.2	5
Nokkundi	000	0	0	05	02	99	02	0	175	62	0	0	9	0	0	37	61	—	—	0		1.6	2
Turbat	000	0	0	09	02	97	00	0	178	66	0	0	9	0	0	56	xx	—	—	0.6	—	7.9	—
Jiwani	000	0	4	00	00	97	02	1	168	65	4	0	9	4	0	63	63	—	—	0.8	—	7.5	4
Pasni	000	0	6	31	02	98	00	0	165	65	6	0	9	7	0	59	61	— 1	+ 4	0.3	+ 0.2	3.4	4
Ormara	000	0	5	00	00	98	02	1	156	65	5	0	9	2	0	62	62	—	—	2.8	+ 2.8	6.8	6
Las Bela	000	0	0	00	00	98	00	0	172	71	0	0	9	0	0	49	58	—	—	0.4	—	7.3	8
Karachi (Manora)	000	0	2	02	10	94	05	1	166	68	0	0	9	0	1	54	05	+ 3	+ 1	1.6	+ 1.5	18.1	8
Karachi (Air Port)	000	0	1	00	08	97	03	0	167	62	0	0	9	0	1	49	56	—	—	3.3	—	26.1	—
Badin	000	0	0	00	00	96	00	0	158	64	0	0	9	0	0	55	68	—	+ 2	0.4	+ 0.2	11.5	9
Nagarparkar	000	0	0	00	00	98	00	0	162	75	0	0	9	0	0	64	70	—	—	0	—	20.5	—
Umarkot	000	0	0	02	03	98	00	0	149	58	0	0	9	0	0	43	54	—	—	0.5	—	20.8	—
Hyderabad	000	0	0	00	00	97	02	0	170	63	0	0	9	0	0	54	59	— 1	+ 2	0.5	+ 0.5	15.9	7
Pad-i-dan	000	0	0	13	02	96	02	0	169	57	0	0	9	0	0	49	51	—	—	0.4	—	7.9	—
Nawabshah	000	0	0	00	00	96	02	0	177	56	0	0	9	0	0	47	52	—	—	0.4	—	7.5	—
Sukkur	000	9	6	00	00	96	03	1	168	62	6	0	9	0	8	59	56	—	—	0.8	—	5.3	4
Kashmore	000	0	4	00	00	99	0	0	169	69	4	1	6	0	0	51	54	—	—	1.4	—	3.4	—
Jacobabad	000	0	3	00	00	98	02	1	171	63	3	0	9	7	0	52	61	— 1	+ 9	0.3	+ 0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							24
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	0	0	05	02	98	00	0	524	50	0	0	9	0	0	41	41	0	+ 4	4.2	+ 3.8	80.6	59
Drosh																		— 5					18
Cherat	000	0	0	36	07	98	00	0	525	52	0	0	9	0	0	42	xx	+ 1	x	5.7	+ 5.5	37.1	29
Kakul	000	0	0	05	00	99	02	0	523	51	0	0	9	0	0	28	46	—	—	4.4	—	59.4	—
Landi Kotal	000	0	0	00	0	99	00	0	528	48	0	0	9	0	0	30	41	—	—	3.9	—	32.8	—
Parachinar	000	0	0	00	00	99	00	0	801	45	0	0	9	0	0	40	xx	—	—	5.4	—	33.4	29
Miranshah	000	0	0	00	00	99	00	0	498	49	0	0	9	0	0	29	44	—	—	1.1	+ 1.1	8.2	13
Wana	000	0	0	00	00	99	00	0	505	42	0	0	9	0	0	29	36	—	—	—	—	—	—
Fort Sandeman	000	0	4	00	00	97	03	0	540	47	4	0	7	7	0	33	43	0	+ 6	4.7	+ 4.7	20.7	11
Hindubagh	000	0	0	31	02	98	00	0	528	43	0	0	9	0	0	29	42	—	—	3.3	—	16.0	—
Loralai	000	0	5	31	03	96	01	2	339	49	3	2	6	0	3	29	44	—	—	4.3	—	17.3	—
Harnai	000	0	9	09	61	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.7	18.7	14
Quetta	000		3	00	00	94	02	0	539	46	0	0	8	0	3	33	34	—	+ 1	1.6	+ 1.6	12.0	8
Chaman	000	0	0	09	01	97	00	0	538	55	0	0	9	8	0	32	49	+ 6	+ 8	0.4	+ 0.4	6.7	7
Kalat	000	0	4	16	00	97	03	1	557	31	5	5	7	4	1	28	33	+ 2	+ 4	1.1	+ 1.0	12.1	9
Nushki	000	0	2	09	25	98	03	0	578	63	2	0	9	0	8	44	60	—	—	0.6	—	3.9	—
Dalbandin	000	9	3	00	00	97	03	1	518	53	0	0	9	4	0	34	48	+ 8	+ 12	0.2	+ 0.2	2.4	5
Panjgur	000	0	0	36	02	98	00	0	526	52	0	0	9	0	8	34	48	+ 3	—	0.1	—	4.2	4
Kabul	000	0	0	18	00	99	00	0	597	46	0	0	9	0	0	36	29	—	—	—	—	—	12
Kandahar																							—

Gives Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 21st NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O T_s T_s T_d T_d	$I_wd_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	63 206	705 00	0 36 05	99 02 0	113 79	00 9 00	75 70 2	...	0 00 66	1 02 32
Timor	63 142	584 00	1 04 04	97 01 0	080 72	11 5 00	65 60 5	—	0 58 73	1 04 x0
Silver Dale	63 244	588 00	2 00 00	98 02 0	153 76	00 9 00	75 60 5	—	0 53 68	1 00 xx
Dwarka	63 217	694 06	0 10 05	99 02 0	158 79	00 9 00	75 40 0	—	0 01 84	1 10 22
Alfred Fraissent	63 215	595 06	3 02 03	99 02 0	181 77	21 3 01	46 40 0	—	0 54 66	1 02 x0
Eihomaru	63 186	667 06	0 05 12	98 00 0	155 81	00 9 00	35 40 0	—	0 03 73	1 05 43
Exchange	63 191	592 06	2 05 13	99 02 0	180 79	11 4 00	16 21 0	—	0 00 46	1 05 72
Alfred Fraissent	63 200	588 12	3 08 12	99 02 1	146 77	32 2 09	52 61 7	—	0 53 66	1 08 21
Timor	63 139	554 12	2 04 06	98 03 0	080 77	22 5 00	65 60 5	—	0 52 73	1 04 21
Dwarka	63 226	684 12	0 09 05	98 02 0	133 79	00 9 00	75 71 3	—	0 01 72	1 01 22
Alfred Fraissent	63 185	577 18	3 08 10	98 02 1	164 77	32 2 00	56 10 9	—	0 54 70	1 08 x0

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	00 00	012 155 138	110 215 198	—	149 098 082	..	311 110 999	437 028 999	582 562 999	...	...	..	—	...
Dacca														
Jiwani														
Karachi	00 00	013 155 072	116 202 095	..	150 192 999	..	316 082 999	441 038 999	588 555 999	759 658 999	971 770	...	—	...
Lahore														
Multan														
Peshawar	00 00	..	...	...	150 148 008	..	312 042 662	435 535 752		743 758 999	946 878	216 058	395 115	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	00 00	900 140 100	..	...	—	—	—	—	—	—	900 140 100	—	—
Dacca													
Jiwani													
Karachi	00 00	..	..	—	..	—	—	—	—	...	300 770 999	—	—
Lahore													
Multan													
Peshawar	00 00	900 162 055	800 118 558	350 812 999	250 952 999	—		—	..	...	250 952 999		
Quetta													

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff) — 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	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	02 03	02 03	02 05	06 06	02 07	33 12	—	...	...	36 09	36 10	01 09	02 05	09 04	30 26
Chaklala															
Chhor	27 05	28 06	30 04	02 09	05 06	26 15	26 33	26 23	27 22	08 11	07 07	33 04	27 05	30 08	25 08
Chittagong	28 07	01 03	14 08	17 15						01 09	36 10	35 06	15 12	20 16	24 19
Cox's Bazar	35 04	13 07	19 08	21 12	25 11					No	Ascent				
Dacca	35 07	35 06	35 09	33 11	29 08	28 18	28 27	27 32	28 35	04 04	03 09	01 10	26 35	28 15	28 20
Dalbandin			26 08	26 08	23 12	20 10	18 11	24 17				21 02	21 02	21 19	22 08
D. I. Khan															
Drosh					03 08	02 17	01 21	01 40					13 02	11 03	06 03
Fort Sandeman				33 02	30 05	30 02	30 11	28 14	28 20				24 05	32 10	29 09
Hyderabad	23 04	24 05	24 06	27 04	34 05	30 11	29 19	28 25	36 28	35 02	29 06	24 11	25 07	36 05	33 07
Jessore	35 06	35 09	35 08	36 05	30 09	29 23	28 24			01 20	01 11	01 08	35 05	30 06	
Jhelum	32 05	32 09	33 09	33 08	32 06	28 05	29 06	29 12	28 20	36 05	32 11	32 15	33 17	33 12	27 03
Jiwani	20 05	14 03	11 04	07 08	10 04	35 17	27 10	24 20	25 24	29 07	29 07	03 01	02 04	02 09	32 17
Karachi	21 06	06 04	04 04	05 06	11 08	15 12	26 24	23 22	33 27	36 09	01 02	14 01	14 07	10 05	26 04
Khanpur	26 05	26 06	27 07	33 07	32 11	30 15	29 14	27 30	27 20	25 19	26 14	27 15	27 08	31 09	31 16
Lahore	29 09	28 13	28 12	30 17	33 15	32 14	32 09	33 09	30 32	32 08	32 10	32 10	34 15	32 10	31 04
Multan	19 06	23 06	25 07	26 10	32 13	31 15	26 05	27 14	27 18	16 08	17 03	17 01	27 09	31 06	29 05
Muscat															
Panjgur															
Peshawar															
Quetta					33 06	28 08	27 10	29 19	27 25					29 02	28 11
She'jeb															
Sylhet	16 02	12 03	13 04	15 12	06 04	25 15	27 30	27 37		08 11	07 06	05 07	12 10	18 06	28 18
Veraval															

At 600 hrs. G.M.T. † of date (dd ff) — columns 17–27

Height in Kms. a.s.l.→ STATION	0.3	0.6	9.1	1.5	2.1	3.0	4.5	5 4	6.0	7.2	7
1	17	18	19	20	21	22	23	24	25	26	27
Bogra	01 07	01 07	02 05	06 08	04 05						
Chaklala											
Chhor											
Chittagong	35 08	39 05	12 10	18 16	31 16	24 20					
Cox's Bazar	36 08	10 08	06 11	10 17	24 26						
Dacca	01 06	05 06	05 08	30 08	28 19						
Dalbandin			00 00	22 07	22 07	25 63					
D. I. Khan											
Drosh											
Fort Sandeman				24 06	32 16	31 21					
Hyderabad	36 03	25 04	25 08	30 05	02 02	33 03					
Jessore	36 11	36 07	01 06	02 09							
Jhelum	33 03	31 05	31 12	26 12	21 07	26 04					
Jiwani	31 03	29 01	31 03	36 06	02 09	30 07					
Karachi	07 04	01 03	14 04	17 07	16 04	22 04					
Khanpur	29 05	26 09	26 10	28 14	29 11						
Lahore	32 04	31 11	30 13	31 17	32 09	22 05					
Multan	14 04	13 07	13 05	31 04	28 06	29 13					
Muscat											
Panjgur											
Peshawar		03 02	30 03	33 12	31 10	30 11					
Quetta					24 05	29 15	25 16	27 19	26 24		
She'jeb											
Sylhet	10 08	13 09	13 11	13 11	13 06	26 03					
Veraval											

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

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

Height in g.p. 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	02 08	04 12	02 14	01 14	10 07	09 17	11 34	10 36	28 34	28 36	28 45				...		...	
Karachi	36 06	01 04	13 04	14 05	15 05	29 07	24 15	24 23	24 23	25 28	26 29	27 47	25 52	05 73				...
Peshawar	Missing		...	...	...	...		...	...	...	...		...	..	...		—	...
Quetta																		

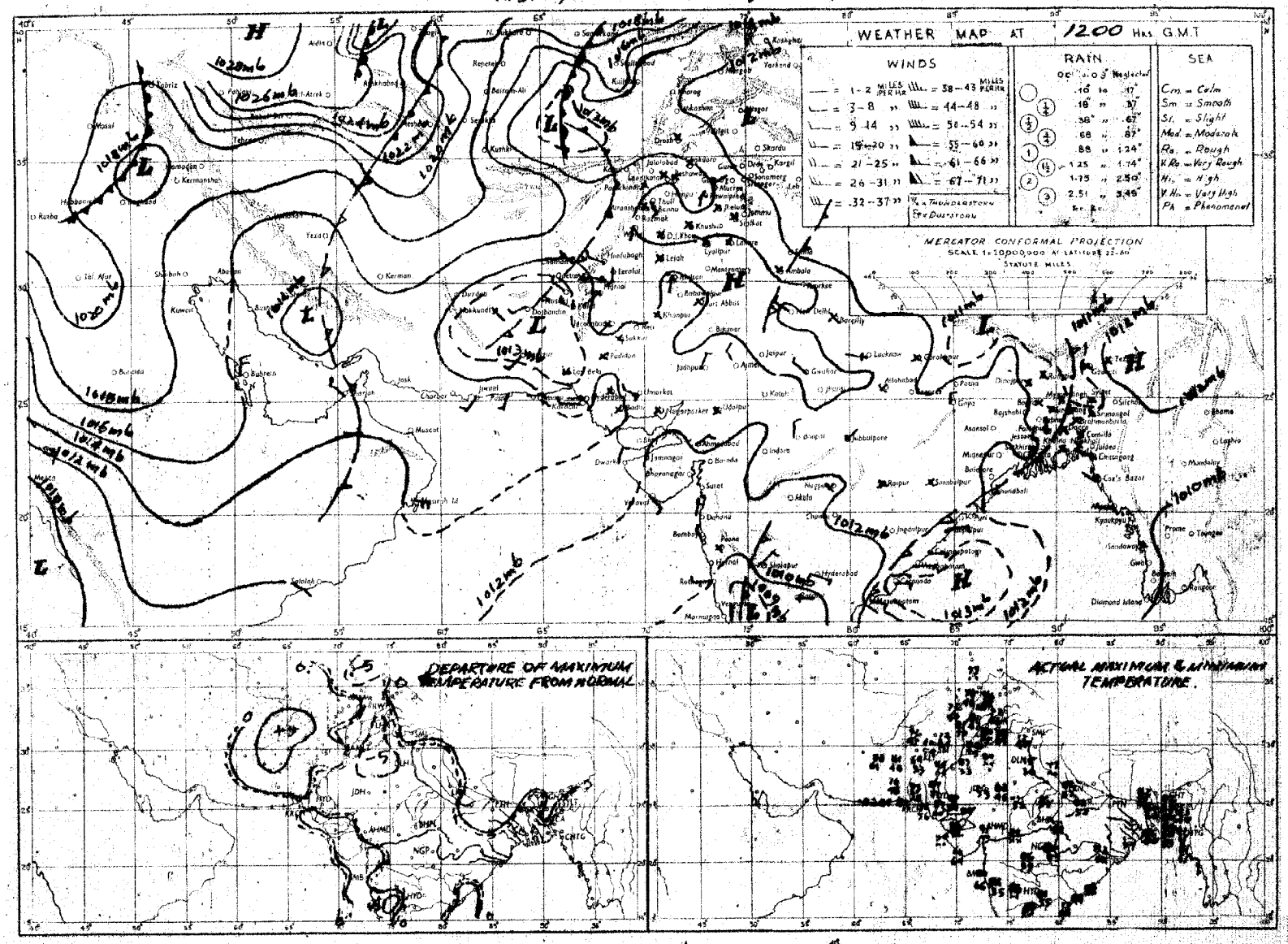
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 20th NOVEMBER, 1959.



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

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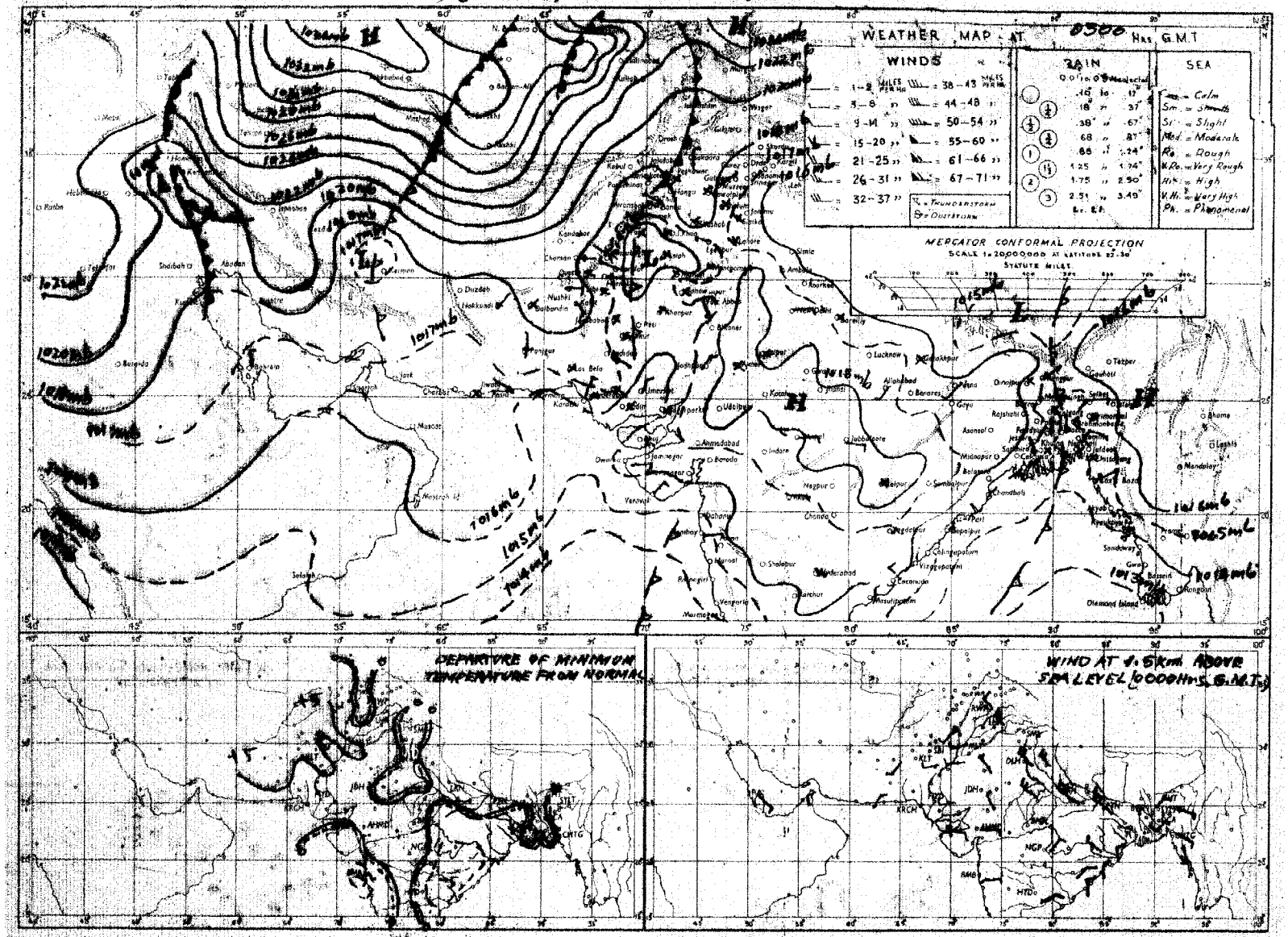
PAKISTAN DAILY WEATHER MAP

SATURDAY, 21st NOVEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 22nd NOVEMBER, 1959.

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

Yesterday's trough of low extending to D. I. Khah division is becoming unimportant.
The secondary western disturbance over Central Iran is now bordering Afghanistan.
A fresh disturbance is Affecting Iraq.
Weather remained dry over the country.
Night temperatures were:- 4—10 °F above normal over West Pakistan outside Peshawar, Rawalpindi and Hyderabad divisions and the Federal Capital Area and were generally normal over east Pakistan.
Forecast valid until the evening of 23rd November, 1959. A few falls of light rain/drizzle are likely to occur in Peshawar, Chittagong divisions and Kashmir. Otherwise weather will be dry over the country.

Karachi-11
The 22nd November, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	128	74	0	0	9	0	6	65	83
	Chittagong	000	0	0	27	05	xx	00	0	124	72	0	0	9	0	0	65	81
	Maliduc Court	000	9	9	00	00	xx	0x	0	128	71	9	1	9	1	1	61	86
	Comilla	000	0	0	00	00	94	00	0	128	76	0	0	9	0	0	63	82
	Brahmanbaria	000	0	2	00	00	xx	01	1	127	73	2	0	9	4	0	63	82
	Sylhet	000	0	1	00	00	xx	01	0	123	73	1	1	6	0	0	61	81
	Srimangal	000	0	1	00	00	xx	01	0	122	72	1	2	7	0	0	67	84
Dacca	Mymensingh	000	0	0	00	00	97	00	1	129	75	0	0	9	0	0	64	82
	Narayanganj	000	9	0	00	00	xx	05	0	125	75	0	0	x	0	0	60	83
	Dacca (Tejgaon)	000	0	1	00	00	97	02	0	121	73	1	5	6	0	0	63	81
	Faridpur	000	8	0	00	00	95	02	0	115	78	0	0	9	0	0	69	80
	Barisal	000	0	0	00	00	96	02	1	125	78	0	0	9	0	0	64	81
Rajshahi	Khulna	000	0	0	00	xx	00	0	0	127	76	0	0	9	0	0	63	82
	Satkhira	000	0	0	00	00	98	00	0	149	75	0	0	9	0	0	65	83
	Jessore	000	0	2	31	02	97	01	0	124	79	2	4	6	0	0	61	81
	Sirajganj	000	0	0	00	00	92	00	0	120	72	0	0	9	0	0	72	84
	Bogra	000	0	0	00	00	xx	00	1	129	73	0	0	9	0	0	64	80
	Dinajpur	000	0	0	00	00	xx	00	0	126	76	0	0	9	0	0	65	82
	Rangpur	..	—	..	...	..	...	..	..	—	..	...	..	..	—	—	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	01	0	146	69	1	0	9	3	2	53	79
	Sialkot	000	0	2	00	00	97	02	0	139	69	0	0	9	0	3	55	74
Rawalpindi	Jhelum	000	0	1	00	00	96	01	0	134	70	1	0	9	3	0	53	78
	Rawalpindi	000	0	0	27	02	99	00	0	140	65	0	0	9	0	0	46	73
	Khushab	000	0	0	00	00	99	00	0	137	79	0	0	9	0	0	48	81
Multan	Lyallpur	000	0	0	00	00	96	00	0	149	79	0	0	9	0	0	51	xx
	Montgomery	000	0	0	00	00	96	00	0	137	77	0	0	9	0	0	61	82
	Multan	000	0	2	09	02	97	01	1	139	80	0	0	9	0	1	52	84
Bahawalpur	Laiah	000	0	0	00	00	96	04	1	164	81	0	0	9	0	0	59	81
	Khanpur	000	0	0	00	00	96	01	0	135	83	0	0	9	0	0	78	80
	Bahawalpur	000	0	0	00	00	97	00	0	142	79	0	0	9	0	0	68	87
	Fort Abbas	000	0	0	00	00	96	00	0	186	80	0	0	9	0	0	65	87
Peshawar	Chakdara	000	0	0	00	00	97	00	0	xxx	68	0	0	9	0	0	41	72
	Peshawar	000	0	1	00	00	97	03	0	184	71	0	0	9	0	1	53	76
	Peshawar	000	0	0	23	02	97	00	0	141	70	0	0	9	0	0	49	79
	Kohat	000	0	0	36	00	xx	00	0	155	68	0	0	9	0	0	41	74
	Campbellpur																	
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	121	73	0	0	9	0	0	53	78
	D. I. Khan	000	4	0	00	00	98	00	0	134	75	0	0	9	0	0	59	83
Quetta	Sibi	000	0	0	18	02	99	00	0	141	80	0	0	9	6	0	47	84
	Nokkundi	000	0	0	23	02	99	02	0	176	82	0	0	9	0	0	39	84
	Turbat	000	0	0	23	03	98	00	0	159	89	0	0	9	0	0	66	90
	Jiwani	000	0	0	23	09	97	02	0	157	78	0	0	9	0	0	65	82
	Pasni	000	0	0	23	03	98	00	0	150	81	0	0	9	0	0	65	85
	Ormara	000	0	0	18	03	98	00	0	147	82	0	0	9	0	0	63	83
	Las Bela																	
Kalat	Karachi (Faujdari)	000	0	1	23	03	97	02	0	143	83	0	0	9	0	1	51	89
	Karachi (Air Port)	000	0	0	00	00	97	00	0	145	80	0	0	9	0	0	44	93
	Quetta	000	0	0	00	00	98	00	0	134	85	0	0	9	0	0	65	87
	Nagarparkar	000	0	0	00	00	98	00	0	133	85	0	0	9	0	0	44	91
	Khuzdar	000	0	0	31	03	98	00	0	142	89	0	0	9	0	0	58	93
	Hyderabad	000	0	0	00	00	97	02	0	142	89	0	0	9	0	0	55	88
Khairpur	Padidan	000	0	1	34	03	98	10	0	137	84	1	0	9	3	0	55	88
	Nawabshah	000	0	0	18	02	97	02	0	149	87	0	0	9	0	0	45	89
	Sukkur	000	4	0	29	03	96	00	0	137	81	0	0	9	0	0	57	87
	Kashmore	000	0	0	xx	xx	99	00	0	134	77	0	0	9	0	0	54	85
	Jacobabad	000	0	0	23	02	98	02	0	138	83	0	0	9	0	0	49	86
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minar																	
	Allabad																	
Rawalpindi	Gilgit																	
	Murree	000	0	0	00	00	98	00	0	516	49	0	0	9	0	0	33	57
Peshawar	Drosh	000	0	0	18	05	97	02	0	530	20	0	0	9	0	0	46	62
	Chitral	000	0	0	27	01	98	00	0	521	59	0	0	9	0	0	47	67
	Kakul	000	7	1	03	03	98	01	0	512	59	0	0	9	0	1	35	69
	Saidu Kotal																	
D. I. Khan	Peshawar	000	0	0	13	02	99	00	0	803	63	0	0	9	0	0	48	xx
	Miranshah	000	0	0	00	00	99	00	0	502	68	0	0	9	0	0	38	75
	Wana	000	0	0	00	00	98	02	0	492	66	0	0	9	0	0	20	70
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	535	68	0	0	9	0	0	38	71
	Hindubagh	000	0	0	25	04	98	00	0	495	63	0	0	9	0	0	38	67
	Loralai	000	0	0	23	03	98	00	0	552	67	0	0	9	0	0	33	73
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	31	02	95	02	0	511	64	1	1	9	5	0	50	66
	Chaman	000	0	0	27	02	97	00	0	523	70	0	0	9	0	0	25	72
Kalat	Kalat	000	0	1	34	02	97	02	1	513	57	1	0	9	3	0	34	64
	Nushki	000	0	0	34	02	98	00	0	575	77	0	0	9	0	0	41	80
	Dalbandin	000	0	0	36	02	98	00	0	532	79	2	0	9	4	0	42	82
	Panjgur	000	0	0	00	02	98	00	0	531	76	0	0	9	0	0	33	77
Sub-Area Kalat	Kalat																	
	Kandahar																	

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	000	0	0	07	03	97	00	0	151	77	0	0	9	0	0	63	62	— 1	— 3	0	— 2.0	141.1	140
Chittagong	000	0	0	00	00	96	00	1	155	73	0	0	9	0	0	67	60	— 1	— 3	0	— 1.8	142.0	108
Maliduc Court	000	0	0	00	00	98	00	4	158	76	0	0	9	0	0	65	61	— 2	— 3	0	— 1.3	144.7	115
Comilla	000	0	0	00	00	97	00	0	139	71	0	0	9	0	0	63	61	— 1	— 0	0	— 1.1	107.7	94
Brahmanbaria	000	0	0	00	00	97	00	1	162	75	0	0	9	0	0	67	62	—	—	0	— 1.0	85.2	76
Sylhet	000	0	0	00	00	97	01	0	157	73	1	1	9	0	0	64	55	— 1	— 2	0	— 1.4	109.4	98
Srimangal																							
Mymensingh	000	0	4	09	02	97	02	1	164	72	4	4	5	0	0	62	63	+ 1	— 0	0	— 0.8	113.3	91
Narayanganj	000	9	0	00	00	96	05	0	155	78	0	0	9	0	0	64	65	+ 1	+ 1	0	— 0.9	108.9	74
Dacca (Tejgaon)	000	0	1	00	00	97	02	0	149	72	0	0	9	3	0	62	58	—	—	0	—	103.1	—
Faridpur	000	0	0	36	02	95	05	0	148	72	0	0	9	0	0	65	60	— 1	— 1	0	— 1.0	118.7	71
Barisal	000	0	0	00	06	97	00	0	153	74	0	0	9	0	0	64	64	— 1	+ 1	0	— 1.4	140.1	81
Khulna	000	0	0	00	00	98	00	0	158	75	0	0	9	0	0	63	65	0	+ 4	0	— 1.1	102.8	68
Satkhira	000	0	0	36	03	98	01	0	157	72	1	0	9	3	0	62	64	— 2	+ 5	0	— 0.7	82.1	65
Jessore	000	0	0	36	05	97	00	1	157	71	0	0	9	0	0	63	61	+ 1	0	0	— 0.9	105.0	65
Sirajganj	000	0	0	00	07	97	02	2	143	69	6	0	9	5	0	56	62	+ 3	+ 1	0	— 0.7	107.7	64
Bogra	000	0	2	36	02	96	03	0	159	72	2	0	9	3	0	64	63	— 1	+ 2	0	— 0.8	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	147	67	0	0	9	0	0	57	59	+ 1		0	— 0.3	64.9	72
Rangpur	000	0	0	05	03	96	01	0	xxx	70	0	0	9	0	0	63	60			0	— 0.4	194.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	173	57	0	0	9	0	0	51	48	— 1	+ 3	1.1	+ 1.1	37.1	19
Sialkot	000	0	0	00	00	97	00	0	165	61	0	0	9	0	0	52	52	— 3	+ 5	3.1	+ 3.0	61.8	32
Jhelum	000	0	0	00	00	98	10	0	183	49	0	0	9	0	0	46	46	—	—	3.4	—	53.5	—
Rawalpindi	000	0	0	00	00	98	00	0	196	45	0	0	9	0	0	35	42	— 1	0	3.2	+ 3.0	55.5	36
Khushab	000	0	0	00	00	99	00	0	178	53	0	0	9	0	0	49	49	+ 1	+ 2	1.1	+ 1.0	26.5	15
Lyallpur	000	0	0	00	16	02	95	00	0	179	53	0	0	9	0	0	52	51	0	0.4	+ 0.3	18.6	12
Montgomery	000	0	0	00	13	03	96	00	0	166	58	0	0	9	0	0	48	52	+ 3	0.1	+ 0.1	8.5	10
Multan	000	0	0	09	09	02	97	04	0	168	60	0	0	9	0	0	46	59	+ 4	0.1	+ 0.1	8.3	7
Laiah	000	0	0	00	23	03	96	03	0	158	60	0	0	9	0	0	51	55	+ 2	0	0	1.4	0
Khanpur	000	0	0	00	00	97	00	0	168	65	0	0	9	0	0	51	53	+ 6	+ 5	0.1	+ 0.1	6.4	6
Bahawalpur	000	0	0	00	11	02	98	00	163	57	0	0	9	0	0	43	xx	—	—	1.0	—	10.2	4
Fort Abbas																							
Chakdara	000	0	0	00	00	97	00	0	187	xx	0	0	9	0	0	38	41	—	—	5.4	—	31.9	—
Peshawar	000	0	0	00	00	96	10	0	187	47	0	0	9	0	0	46	46	+ 3	0	5.0	+ 5.0	26.5	14
Peshawar	000	0	0	23	04	97	00	0	152	52	0	0	9	0	0	39	49	—	—	4.0	—	35.3	—
Kohat	000	0	0	05	00	98	00	0	145	50	0	0	9	0	0	41	42	—	—	3.1	—	39.1	—
Campbellpur																							
Bannu	000	0	0	00	00	99	00	0	171	50	0	0	9	0	0	45	49	—	—	2.4	—	15.2	11
D. I. Khan	000	0	0	00	00	98	00	0	170	54	0	0	9	0	0	52	50	+ 4	+ 4	1.6	+ 1.6	16.5	10
Sibi	000	0	0	00	00	99	00	0	170	55	0	0	9	0	0	49	54	—	—	4.0	—	9.2	5
Nokkundi	000	0	0	00	31	02	99	02	218	56	0	0	9	0	0	34	55	—	—	0.3	—	1.6	2
Turbat	000	0	0	00	23	02	97	00	173	64	0	0	9	0	0	57	xx	—	—	0.4	—	7.9	—
Jiwani	000	0	0	00	29	00	98	03	173	69	0	0	9	0	1	62	65	—	—	0.8	—	7.5	4
Pasni	000	0	0	00	29	00	98	00	178	65	0	0	9	0	8	61	63	+ 3	+ 6	0.3	+ 0.1	3.4	6
Ormara	000	0	0	00	00	98	02	1	173	64	5	0	9	1	0	59	60	—	—	3.7	+ 2.7	6.0	6
Las Bela																							
Karachi (Faujdari)	000	0	0	00	03	96	03	0	171	60	0	0	9	0	0	48	57	—	—	3.3	—	26.9	—
Karachi (Air Port)	000	0	0	00	00	98	00	0	166	63	0	0	9	0	0	57	59	+ 6	+ 4	0.4	+ 0.2	18.5	9
Quetta	000	0	0	00	00	98	00	0	xxx	72	0	0	9	0	0	41	68	—	—	0.0	—	30.5	—
Nagarparkar	000	0	0	00	00	98	00	0	163	63	0	0	9	0	3	46	55	—	—	0.5	—	20.8	—
Khuzdar	000	0	0	00	00	98	00	0	169	65	0	0	9	0	1	49	60	+ 8	— 1	0.5	+ 0.5	16.9	7
Hyderabad																							
Padidan	000	0	1	00	03	96	01	0	170	58	0	0	9	0	1	52	50	—	—	0.3	—	7.9	—
Nawabshah	000	0	0	00	02	97	02	0	175	58	0	0	9	0	1	48	53	—	—	0.3	—	7.5	—
Sukkur	000	0	0	00	00	96	00	0	179	61	0	0	9	0	0	59	58	—	—	0.8	—	5.3	4
Kashmore	000	0	0	xx	00	95	00	0	170	63	0	0	9	0	0	57	55	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	98	02	0	168	64	0	0	9	0	0	51	61	+ 6	+ 9	0.3	+ 0.3	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Minar																							—
Allabad																							—
Gilgit																							5
Murree	000	0	0	00	00	98	00	0	528	46	0	0	9	0	0	34	39	+ 3	1 1	4.2	+ 3.7	82.6	59
Drosh	000	0	0	00	00	98	00	0	550	41	0	0	9	0	0	26	40	—	— 2	3.4	—	14.1	18
Chitral	000	0	0	00	00	97	00	0	530	54	0	0	9	0	0	44	47	+ 4	— 0	5.7	+ 5.5	37.1	29
Kakul	000	0	0	00	27	02	97	02	524	52	0	0	9	0	0	34	47	—	—	4.4	—	59.4	—
Saidu Kotal																							
Peshawar	000	0	0	00	00	99	00	0	507	47	0	0	9	0	0	28	39	—	—	3.9	—	32.8	—
Miranshah	000	0	0	00	00	99	00	0	808	48	0	0	9	0	0	39	xx	—	—	5.3	—	33.4	29
Wana	000	0	0	00	00	99	00	0	500	50	0	0	9	0	0	31	45	—	—	1.1	+ 1.1	8.1	13
Fort Sandeman	000	0	0	00	00	98	00	0	506	45	0	0	9	0	0	29	39	—	—	1.1	—	15.2	—
Hindubagh	000	0	0	00	00	98	02	0	531	53	0	0	9	0	6	35	47	+ 4	+ 10	4.7	+ 4.7	20.7	11
Loralai	000	0	0	25	04	98	00	0	530	44	0	0	9	0	0	30	43	—	—	3.3	—	16.0	—
Harnai	000	0	0	23	03	98	00	0	543	47	0	0	9	0	0	34	44	—	—	4.3	—	17.3	—
Quetta	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.7	18.7	14
Chaman	000	0	1	31	02	95	02	0	511	64	1	1	9	5	0	50	66	+ 5					8
Kalat	000	0	0	27	02	97	00	0	523	70	0	0	9	0	0	25	72	+ 6	+ 4	0.4	+ 0.4	6.7	7
Nushki	000	0	1	34	02	97	02	1	513	57	1	0	9	3	0	34	64	+ 3	+ 4	1.1	+ 1.0	12.1	9
Dalbandin	000	0	0	34	02	98	00	0	575	77	0	0	9	0	0	41	80	—	—	1.6	—	3.0	—
Panjgur	000	0	0	36	02	98	00	0	532	79	2	0	9	4	0	42	82	+ 11	+ 11	8.2	+ 0.2	2.4	5
Kalat	000	0	0	00	02	98	00	0	531	76	0	0	9	0	0	33	77	+ 6	+ 8	0.1	—	4.2	4
Kandahar																							12

Groups Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR is 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 22nd NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N, Ch, h.	O $T_sT_sT_dT_d$	Id_wd_w PH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tijrejara	78 071	768 00	3 10 07	98 01 1	094 77	12 4 3x	16 30 2	—	0 52 75	1 10 21
Ebisia	73 167	638 09	6 07 13	98 02 1	120 80	51 5 97	25 40 0	—	0 01 71	1 07 33
Riyadhmaru	73 166	694 00	1 32 05	98 02 0	157 81	15 7 27	76 50 0	...	0 32 xx	1 32 21
Timor	73 136	510 09	3 04 06	97 03 0	085 72	32 5 00	65 43 0	—	0 58 75	1 04 21
Riyadhmaru	73 176	680 06	2 05 08	98 02 0	180 84	18 4 08	76 21 0	...	0 02 xx	1 05 21
Exchange	73 236	649 06	0 03 10	99 02 0	199 80	00 9 00	14 21 4	—	0 01 60	1 04 22
Yoohamaru	73 227	610 12	2 00 00	98 02 0	150 82	21 5 00	36 40 0	—	0 02 64	...
Nichlymaru	73 222	617 12	0 02 07	98 00 0	175 88	00 9 00	36 61 5	...	...	...
Daressa	73 238	591 12	0 14 05	99 02 0	162 79	00 9 00	15 40 0	...	—	...
Riyadhmaru	73 187	666 12	1 05 08	98 02 0	165 84	01 4 04	76 60 0	—	0 02 xx	1 05 21
Borneo	73 182	731 12	2 06 10	98 01 0	041 79	21 6 0C	14 61 3	—	0 32 73	1 06 xl
Bagdad	73 252	576 12	3 16 02	99 02 0	170 79	31 6 10	34 41 0	..	0 52 68	1 15 xl

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...														
Karachi ...	00 00	013 162 092	127 162 992	..	149 138 998	..	313 045 998	448 515 995	592 588 995	760 695 992	966 875	235 075	415 132	661 185
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 102 082	...	...	150 165 085	..	314 078 522	439 522 612	581 620 990	748 742 992	950 878	220 842	404 070	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...													
Karachi ...	00 00	..	..	—	..	—	—	—	—	—	661 185 992	—	..
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 182 112	800 142 045	350 800 990	250 952 998	—	—	—	..	—	250 952 998	—	..
Quetta ...													

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

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

UPPER WIND DATA*

Height in Kms a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	05 05	04 04	05 05	35 05	01 03	29 29	—	...	—	01 12	01 07	04 04	07 10	18 05	29 23
Chaklala ...															
Chhor ...	27 06	27 07	27 06	36 06	05 09	29 10	26 24	26 37	27 40	28 02	34 01	03 01	29 03	01 11	35 19
Chittagong ...	29 11	33 04	04 03	17 21	19 24	—	—	—	..	36 02	29 01	19 02	19 27	21 18	28 12
Cox's Bazar ...	32 08	30 04	16 10	21 20	23 11					17 04	30 06	19 12	21 33	21 17	24 24
Dacca ...	05 05	04 04	05 07	35 05	01 03	29 24	29 27	28 53	28 41	09 02	08 05	05 07	29 13	28 12	
Dalbandin ...	...	—	25 05	24 09	25 07	27 10	33 12	29 21	27 21	—	—	07 09	02 16	34 10	31 16
D. I. Khan ...	...	—	—							—	—	—			
Drosh ...	...	—	—		07 01	04 07	01 14	01 32	35 42	—	—	—	18 04	07 09	06 14
Fort Sandeman ...				33 05	38 03	30 11	30 17	29 23	27 31	—	—		21 04	34 17	31 20
Jacobabad ...	32 04	33 03	22 03	21 03	29 05	30 10	28 20	25 23	28 32	32 04	29 07	27 09	32 12	34 13	33 15
Jessore ...	33 07	34 07	35 07	36 07	32 13	31 18				35 41	36 09	36 09	35 08		
Jhelum ...	30 14	29 06	29 10	31 07	18 05	19 04	18 05	19 04	26 17	01 02	32 02	31 05	31 12	31 15	32 11
Jiwani ...	25 07	27 05	28 05	35 04	36 07	34 10	27 23	25 43	26 42	33 12	33 11	36 08	03 07	05 11	01 04
Karachi ...	20 07	20 09	20 10	01 05	02 06	31 07	27 29	28 38	26 37	31 11	31 07	28 02	05 07	04 10	29 10
Khanpur ...	26 07	27 11	28 10	32 09	31 11	32 16	27 21	27 18	27 26	25 15	27 20	27 21	29 21	30 21	29 22
Lahore ...	30 04	29 08	26 09	31 15	31 13	28 03	26 09	27 23	27 23	31 03	33 04	33 07	33 11	33 13	33 12
Multan ...	14 33	17 04	18 04	28 02	24 07	28 13	29 26	30 18	26 24	20 04	20 05	21 05	24 07	24 07	28 10
Muscat ...	—	—	—	—	—	—	..		—	...	—		—	—	..
Panjgur ...	...									—	—	..	..	—	...
Peshawar ...	...	16 03	28 06	29 15	28 19	30 24	27 12	26 19	27 23	..	—	...			
Quetta ...	...		—	—	33 09	32 09	30 19	28 23	26 25	...	..	...	...	32 14	32 20
Sharjah ...															
Sylhet ...	36 06	14 05	15 05	09 08	08 67	27 12	28 43	...	..	09 12	07 07	08 05	15 07	18 06	24 07
Veraval ...	..	...	...	—	—	—	...	—	—	...	—	—			...

Height in Kms a.s.l. →	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	36 04	01 06	02 10								—
Chaklala ...	—	10 02	14 03	33 02	30 08	30 14	29 13	28 17	28 17	27 28	...
Chhor ...									—	—	...
Chittagong ...	14 04	21 04	21 06	19 19	19 39	21 32	26 23				
Cox's Bazar ...	28 03	19 05	18 13	18 19	24 12	28 15	28 20	29 30			
Dacca ...	09 02	08 02	08 03	02 03	28 09	28 17	27 30	27 37	27 59	27 81	38 49
Dalbandin ...		...	..		...		...				...
D. I. Khan ...	—	—	—	...	...						
Drosh ...	...				04 07	02 07	20 86	26 09	29 11		
Fort Sandeman ...				22 06	31 12	33 24	30 22	30 28	29 28	30 63	
Jacobabad ...	29 09	30 10	35 12	35 16	34 13	01 08	32 47	31 21	12 26	29 43	28 60
Jessore ...											
Jhelum ...	00 00	22 03	28 01	29 11	30 11	32 02	27 17	26 22	27 22	28 34	25 32
Jiwani ...	36 05	02 06	01 05	08 08	04 08	35 07	26 14	29 23	27 32	27 32	...
Karachi ...	33 08	32 06	35 05	09 09	16 16	33 10	30 13				..
Khanpur ...	27 15	30 11	30 10	35 08	03 14	34 08					
Lahore ...	09 91	27 03	22 04	32 09	33 13	34 14	30 17	28 19	27 22	27 27	27 37
Multan ...	17 04	13 06	13 05	02 04	35 09	29 12	28 12	28 31	29 27	28 41	29 45
Muscat ...	—	—	...			—	...	..			...
Panjgur ...	—	..	...	—		...	—	...		...	...
Peshawar ...	...	...	...	...							...
Quetta ...		—	...		31 08	32 19	31 31	32 36	31 21	29 41	..
Sharjah ...											
Sylhet ...	11 07	13 10	14 11	14 09	18 12	25 20	27 38	27 41	27 47		..
Veraval ...	...	...	..	—		—	...	...	...		...

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

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

Height in g.p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.[illegible]	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	05 18	12 08	30 04	33 12	30 11	28 25	27 35	27 40	22 46	26 48	27 85	24 78	25 89	27 76	27 63	—	...	—
Peshawar ...	Misda	.	...	—	...				...	—	...		—		...	—		—
Quetta ...																		

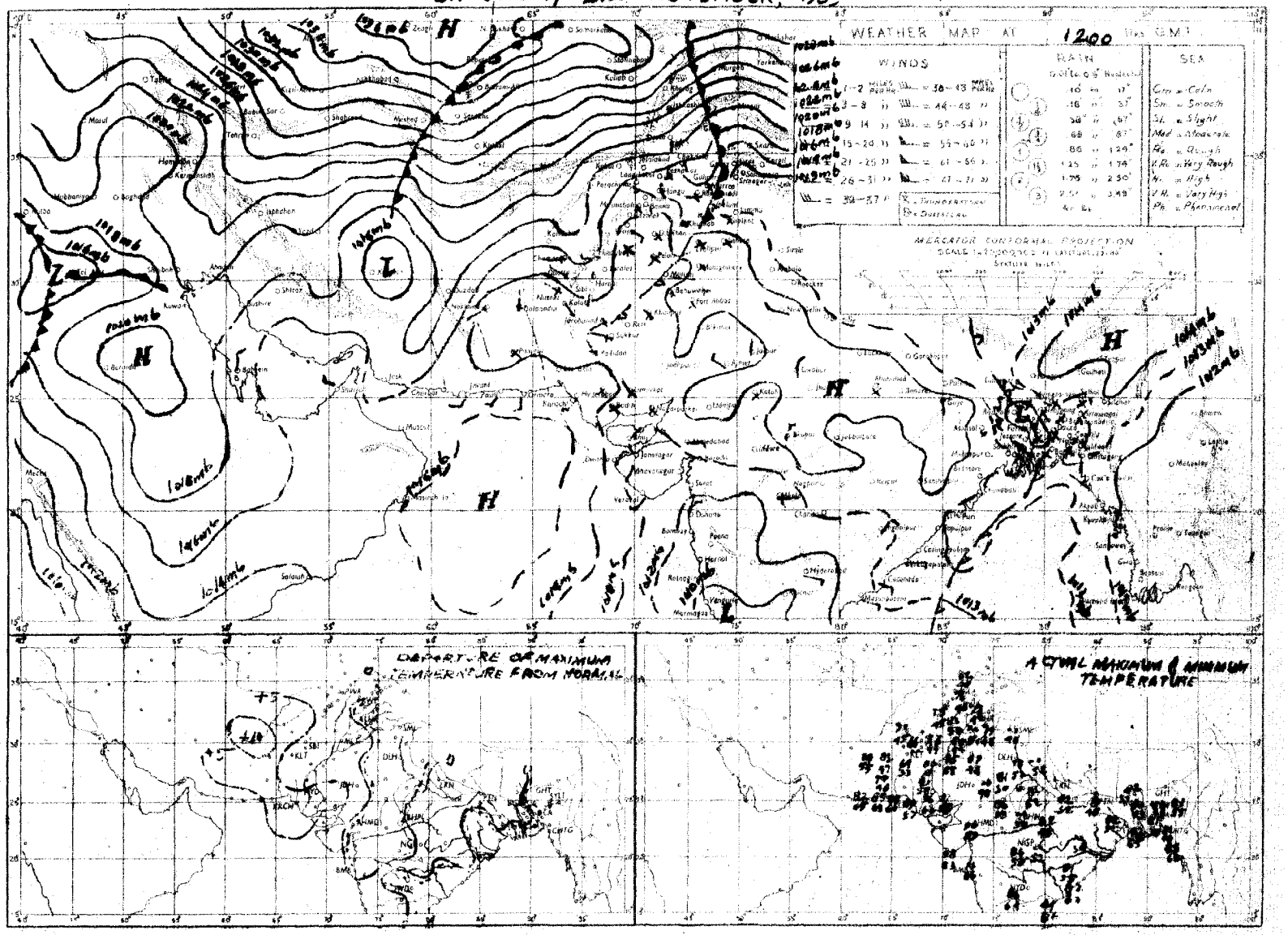
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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 application, to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

SATURDAY 21st NOVEMBER, 1959



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

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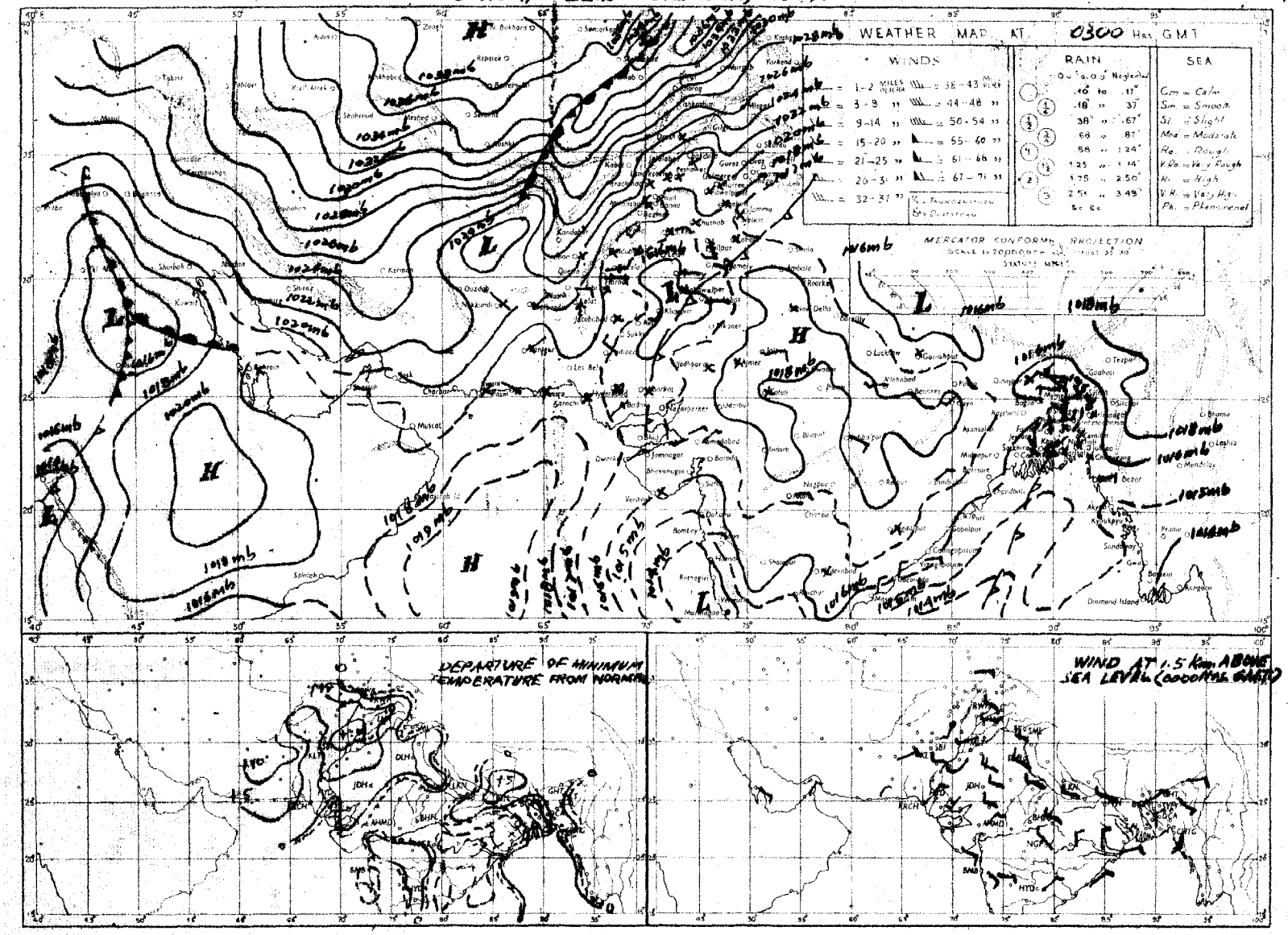
PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd. NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 23rd NOVEMBER, 1959.

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

Yesterday's secondary western disturbance bordering Afghanistan now lies over Afghanistan and adjoining Quetta and D. I. Khan divisions with its trough extending to north Arabian Sea.

The western disturbance affecting Iraq has moved to northwest Iran with its secondary now lying over Oman and adjoining Persian Gulf.

Weather remained dry over the country.

Night temperatures were:- 4—8 °F above normal in Lahore, D. I. Khan, Multan, Bahawalpur, Khairpur and west Kalat divisions.

Forecast valid until the evening of 24th November, 1959. Scattered rain/thundershowers are expected in D. I. Khan, Peshawar and south Kalat divisions and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
the 23rd November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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)	Since 1st November, 1959 to date: Rainfall	Departure from normal	Since 1st January 1959 to date: Rainfall	Annual normal
1	2	RRR 3	Wt 4	N 5	dd 6	ff 7	VV 8	ww 9	W 10	PPP 11	TT 12	Nh 13	CL 14	h 15	CM 16	CH 17	TdTd 18	TxTx 19	RRR 20	Wt 21	N 22	dd 23	ff 24	VV 25	ww 26	W 27	PPP 28	TT 29	Nh 30	CL 31	h 32	CM 33	CH 34	TdTd 35	TnTn 36	TxTx 37	TnTn 38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	27	02	95	02	0	121	73	0	0	9	0	6	63	82	000	0	1	07	03	97	03	0	152	77	1	1	7	0	0	65	62	− 2	− 3	0	− 2.9	141.1	140
	Chittagong	000	0	0	25	05	xx	00	0	117	73	0	0	9	0	0	64	81	000	0	0	07	02	95	00	0	158	73	0	0	9	0	0	67	61	− 1	− 2	0	− 1.9	142.0	108
	Maijdee Court	000	9	0	00	00	xx	10	0	118	70	0	0	9	0	0	60	81	000	9	0	00	00	98	00	4	157	78	0	0	9	0	0	65	63	− 1	− 2	0	− 1.3	144.7	115
	Comilla	000	0	0	00	00	94	00	0	117	74	0	0	9	0	0	66	83	000	0	0	05	00	97	00	0	138	72	0	0	9	0	0	66	60	0	− 1	0	− 1.1	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	118	72	0	0	9	0	0	67	82	000	0	0	13	04	97	00	0	140	73	0	0	9	0	0	61	63	−	−	0	− 1.0	85.2	76
	Sylhet	000	0	1	00	00	xx	03	0	114	73	1	5	6	0	0	64	82	000	0	2	09	02	97	01	0	158	72	2	4	6	0	0	66	61	−	−	0	−	193.9	—
	Srimangal	000	0	0	00	00	xx	10	0	114	71	0	0	9	0	0	65	84	000	0	0	00	00	97	00	0	157	72	0	0	9	0	0	63	54	− 1	− 3	0	− 1.4	109.4	78
Dacca	Mymensingh	000	0	0	00	00	98	00	1	119	76	0	0	9	0	0	65	83	000	0	0	09	02	98	00	1	160	72	0	0	9	0	0	64	62	+ 2	− 1	0	− 0.8	113.3	91
	Narayanganj	000	9	1	00	00	xx	03	0	113	76	1	0	9	3	0	61	83	000	9	1	00	00	96	01	2	154	74	1	0	9	7	0	63	66	+ 1	+ 2	0	− 0.9	103.9	74
	Dacca (Tejgaon)	000	0	4	00	00	97	03	0	112	74	4	0	9	4	0	63	82	000	9	1	00	00	97	01	1	148	71	1	0	9	4	0	66	61	−	−	0	−	103.6	—
	Faridpur	000	8	2	00	00	95	05	0	125	74	2	4	9	0	0	64	79	000	9	3	36	02	96	03	0	148	72	2	5	8	1	0	64	62	− 2	+ 1	0	− 1.0	116.7	71
	Barisal	000	0	0	00	00	97	00	0	117	77	0	0	9	0	0	65	82	000	4	0	00	00	97	02	4	153	75	0	0	9	0	0	65	63	− 0	0	0	− 1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	121	76	0	0	9	0	0	63	81	000	0	0	00	00	97	00	0	157	76	0	0	9	0	0	61	66	− 1	+ 5	0	− 1.1	112.8	68
	Satkhira	000	0	4	00	00	97	02	1	125	76	4	2	8	0	0	63	82	000	0	0	00	00	98	00	0	161	73	0	0	9	0	0	60	63	− 2	+ 4		− 0.7	82.1	65
	Jessore	000	0	2	00	00	97	01	1	132	75	2	4	6	0	0	62	82	000	0	5	34	03	97	02	1	153	71	2	5	6	6	0	61	62	0	+ 1	0	− 0.9	105.8	65
	Sirajganj	000	0	0	00	00	93	00	0	130	74	0	0	9	0	0	73	84	000	0	1	00	00	98	03	0	148	75	1	1	3	0	0	67	62	+ 3	+ 1	0	− 0.7	107.7	64
	Bogra	000	0	1	00	00	xx	02	0	135	75	1	5	6	0	0	55	82	000	0	0	05	02	96	00	0	151	71	0	0	9	0	0	64	xx	+ 1	−	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	121	75	0	0	9	0	0	64	81	000	0	0	00	00	96	00	0	146	74	0	0	9	0	0	63	60	− 0	+ 1	0	− 0.3	66.9	72
	Rangpur	000	0	0	00	00	xx	02	0	xxx	75	0	0	9	0	0	64	80	000	0	0	05	02	96	02	0	xxx	70	0	0	9	0	0	64	59	− 1	− 1	0	− 0.4	54.4	84
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	144	72	0	0	9	0	0	56	79	000	0	3	00	00	95	10	0	169	55	0	0	9	0	4	53	50	− 1	+ 5	1.2	+ 1.1	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	146	70	0	0	9	0	0	56	77	000	1	0	00	00	96	10	4	163	58	0	0	9	0	0	52	51	0	+ 4	3.1	+ 3.0	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	141	70	0	0	9	0	0	55	78	000	0	2	00	00	94	10	0	169	48	0	0	9	0	1	47	47	−	−	3.4	−	53.5	—
	Rawalpindi	000	0	0	00	00	98	00	0	140	65	0	0	9	0	0	52	74	000	0	1	00	00	98	01	0	180	45	0	0	9	0	4	44	42	0	−	3.2	+ 3.0	55.5	36
	Khushab	000	0	0	00	00	99	00	0	145	77	0	0	9	0	0	54	80	000	0	2	00	00	99	01	1	158	54	0	0	9	0	4	52	49	0	+ 2	1.1	+ 1.0	26.5	15
Multan	Mianwali	000	0	0	00	00	95	00	0	141	74	0	0	9	0	0	56	81	000	0	5	00	00	95	02	1	161	53	0	0	9	0	4	51	52	+ 3	+ 6	0.4	+ 0.3	18.6	12
	Lyallpur	000	0	0	00	00	96	00	0	145	75	0	0	9	0	0	54	83																		+ 3						10
	Montgomery	000	0	5	00	00	97	03	0	136	78	0	0	9	0	1	51	83	000	0	5	09	02	96	02	0	162	59	0	0	9	0	1	47	57	+ 3	+ 8	0.1	+ 0.1	8.3	7
	Multan																		000	0	4	00	00	96	04	1	xxx	58	0	0	9	0	6	55	54		−	2.5	−	7.0	8
Bahawalpur	Leiah	000	0	0	00	00	96	02	0	127	82	0	0	9	0	0	63	85	000	0	4	36	03	96	03	0	159	58	4	0	8	4	0	55	54	+ 2	+ 5	0	0	1.4	6
	Khanpur	000	0	0	00	00	97	00	0	132	81	0	0	9	0	0	65	85	000	0	3	00	00	97	03	0	160	66	0	0	9	0	5	49	54	+ 4	+ 6	0.1	+ 0.1	6.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	116	76	0	0	9	0	0	57	86	000	0	0	07	02	98	00	0	153	55	0	0	9	0	0	49	56	−	−	1.0	−	10.2	4
	Fort Abbas																																									
Peshawar	Chakdara	000	0	0	00	00	97	00	0	122	65	0	0	9	0	0	44	70	000	0	0	00	00	97	00	0	185	43	0	0	9	0	0	38	41	−	−	5.4	−	31.9	—
	Peshawar	000	0	1	00	00	95	05	0	154	66	1	1	7	0	0	53	73	000	0	5	00	00	97	03	0	177	48	0	0	9	0	1	45	45	0	− 1	5.0	+ 4.9	28.5	14
	Kohat	000	0	0	00	02	97	00	0	145	69	0	0	9	0	0	49	76	000	0	0	23	04	97	00	0	150	51	0	0	9	0	0	39	48	−	−	4.0	−	35.2	—
	Peshawar	000	0	0	00	00	98	00	0	175	70	0	0	9	0	0	42	75	000	0	0	00	00	98	00	0	202	49	0	0	9	0	0	42	43	−	−	3.1	−	39.1	—
	Campbellpur																																									
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	127	70	0	0	9	0	0	54	75	000	2	4	00	00	99	02	0	161	51	0	0	9	0	2	47	49	−	−	2.4	−	15.2	11
	D. I. Khan	000	6	0	00	00	98	00	0	133	76	0	0	9	0	0	60	81	000	2	3	00	00	98	01	1	161	55	0	0	9	0	3	51	50	+ 1	+ 4	1.6	+ 1.6	16.5	10
Quetta	Sibi	000	2	4	18	02	99	03	0	131	85	0	0	9	6	2	47	87	000	2	5	00	00	98	03	1	155	57	0	0	9	0	2	47	54	−	−	4.0	−	9.2	5
	Nokkundi	000	0	0	31	02	99	02	0	178	87	0	0	9	0	0	29	81	000	0	0	25	02	99	02	0	209	52	0	0	9	0	0	31	52	−	−	0.5	−	1.6	2
	Turbat	000	0	0	23	02	98	00	0	102	89	0	0	9	0	0	44	90	000	0	0	09	02	97	00	0	124	66	0	0	9	0	0	49	xx	−	−	0.6	−	7.9	—
	Jiwani	000	0	5	27	07	97	03	1	156	81	0	0	9	0	1	65	86	000	0	6	36	03	97	03	1	156	68	0	0	9	0	1	58	66	−	−	0.8	−	7.5	4
Kalat	Panjgur	000	0	0	00	03	98	02	0	143	83	0	0	9	0	8	67	87	000	0	5	36	07	98	02	1	150	75	5	0	9	2	0	45	64	+ 5	+ 7	0.3	+ 0.1	3.4	6
	Pasni	000	0	0	27	09	98	00	0	138	81	0	0	9	0	0	68	84	000	0	5	00	00	98	02	1	146	66	5	2	6	0	0	61	60	−	−	2.7	+ 2.7	6.8	6
	Ormara	000	0	0	00	00	98	00	0	145	94	0	0	9	0	0	56	97	000	0	0	00	00	98	00	0	166	71	0	0	9	0	0	51	56	−	−	0.4	−	7.3	8
	Iax Bela																																									
Karachi Federal Area Hyderabad	Karachi (Mauripur)	000			27	07	97	02	0	140	85	0	0	9	0	0	45	86	000	0	3	09	10	94	10	1	148	67	0	0	9	0	1	45	63		−	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	00	00	97	00	0	145	90	0	0	9	0	0	55	94	000	0	1	00	00	96	03	0	148	59	0	0	9	0	2	50	70	−	−	3.3	−	26.1	—
	Badin	000	0	0	00	00	98	00	0	142	82	0	0	9	0	0	72	83	000	0	0	00	00	96	00	0	164	61	0	0	9	0	0	59	58	+ 7	− 0	0.4	+ 0.2	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	142	84	0	0	9	0	0	72	83	000	0	0	34	02	98	00	0	141	70	0	0	9	0	0	60	65	−	−	0.6	−	30.5	—
	Umarkot	000	0	7	29	02	98	02	2	138	84	7	0	9	3	0	50	93	000	0	4	23	02	98	02	0	149	59	0	0	9	0	1	51	55	−	−	0.5	−	20.8	—
	Hyderabad	000	0	2	00	00	97	01	1	136	88	0	0	9	0	1	53	94	000	0	2	00	00	97	02	0	149	65	0	0	9	0	1	51	59	+ 5	+ 2	0.5	+ 0.5	15.9	7
Khairpur	Padidan	000	0	2	00	00	97	03	0	135	83	0	0	9	0	4	56	89	000	0	2	09	03	96	03	0	145	63	0	0	9	0	4	53	52	−	−	0.3	−	7.9	—
	Nawabshah	000	0	4	29	02	97	03	0	148	85	0	0	9	0	1	51	90	000	0	2	00	00	96	02	0	155	55	0	0	9	0	1	51	52	−	−	0.3	−	7.5	—
	Sukkur	000	0	1	27	02	96	01	0	128	85	0	0	9	0	3	59	87	000	9	6	00	00	96	03	1	144	63	0	0	9	0	8	55	60	−	−	0.8	−	5.3	4
	Kashmore	000	0	1	18	03	99	00	0	123	82	0	0	9	0	0	55	89	000	0	4	00	00	99	02	1	146	58	4	1	6	0	0	48	52	−	−	1.3	−	3.4	—
	Jacobabad	000	0	1	27	03	98	02	0	131	87	0	0	9	0	1	44	89	000	0	5	36	03	98	03	0	147	61	2	5	6	0	2	52	60	+ 7	+ 8	0.3	+ 0.3	4.7	4
Junagadh-Afghanistan	Veraval																																									20
	Jalalabad																																									—
Arabia	Muscat																																									4
	Kuwait																																									—
	HILL STATIONS																																									5
Kashmir	Srinagar																																									26
	Gulmarg																																									—
	Sonamarg																																									71
	Deos																																									26
	Leh																																									3
	Skardu																																									6
	Miggar																																									—
	Aliabad																																									5
	Gilgit																																									59
Rawalpindi	Murree	000	0	0	31	05	98	00	0	516	46	0	0	9	0	0	33	59																		+ 5						18
	Drosh	000	0	0	00	00	97	02	0	516	54	0	0	9	0	0	46	62																		0						29
Peshawar	Chitral	000	0	1	00	00	98	03	0	520	57	0	0	9	0	1	38	69	000	0	4	00	00	98	00	0	517	49	0	0	9	0	0	33	44	+ 6	− 3	5.7	+ 5.5	37.1	—
	Kohat	000	0	1	16	02	98	01	0	514	58	0	0	9	0	1	32	68	000	3	1	31	03	98	01	0	515	50	0	0	9	0	1	38	46	−	−	4.4	−	39.4	—
	Lendi Kotal	000	0	0	00	00	99	00	0	501	61	0	0	9	0	0	35	68	000	9	4	00	00	98	03	0	497	44	0	0	9	0	0	35	38	−	−	3.9	−	32.8	—
	Parachinar	000	0	0	13	02	99	00	0	503	61	0	0	9	0	0	58	xx	000	8	2	00	00	99	02	0	500	44	0	0	9	0	2	19	xx	−	−	5.3	−	33.4	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	509	66	0	0	9	0	0	39	74	000	0	3	00	00	99	02	0	505	41	0	0	9	0	9	29	39	−	−		−	15.2	13
	Wana	000	0	0	25	03	99	00	0	483	69	0	0	9	0	0	02	72	000	0	4	16	03	97	01	0	551	55	0	0	9	0	4	34	49	+ 6	+ 12	1.1	−	20.7	—
Quetta	Fort Sandeman	000	0	2	25	03	98	03	0	516	68	0	0	9	0	3	38	73	000	0	0	24	02	98	00	0	528	42	0	0	9	0	0	26	41	−	−	4.7	+ 4.7	18.7	11
	Hindubagh	000	0	0	25	07	98	00	0	503	70	0	0	9	0	0	46	64	000	0	4	27	03	97	01	1	348	41	4	0	9	3	0	25	40	−	−	3.3	−	16.0	—
	Loralai	000	0	5	00	03	96	01	2	358	68	3	2	6	0	1	31	74	000	9	0	00	00	96	00	0	xxx	xx	3	0	9	0	0	xx	xx	−	−	4.3	−	17.3	—
	Harnai	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	9	5	00	00	94	02	1	537	44	3	2	6	0	2	27	37	−	−	5.9	+ 5.7	18.7	14
	Quetta	000	0	2	31	03	95	02	0	542	66	0	0	9	0	0	40	63	000	3	4	18	01	96	03	0	539	46	0	0	9	0	4	28	43	+ 2	− 2	1.6	+ 1.5	11.9	—
	Chaman	000	0	0	34	02	97	00	0	542	66	0	0	9	0	0	25	69	000	0	4	25	09	97	01	2	563	38	4	0	9	3	0	28	33	+ 3	+ 2	0.4	+ 0.4	6.7	7
	Kalat	000	0	0	34	09	98	00	0	545	54	0	0	9	0	0	33	60	000	0	4	18	01	96	03	0	539	46	0	0	9	0	4	28	41	− 1	− 4	1.1	+ 1.0	12.1	7
Afghanistan Kalat	Nushki	000	0	0	31	05	98	02	0	614	70	0	0	9	0	0	44	75	000	0	5	09	02	98	03	0	616	36	0	0	9	0	8	27	50	−	−	0.6		3.9	—
	Dalbandin	000	0	1	05	05	96	01	0	551	74	0	0	9	0	1	39	76	000	9	6	07	03	96	03	1	532	43	6	0	9	4	0	24	41	+ 5	+ 5	0.7	+ 0.1	2.4	5
	Panjgur	000	0	3	22	03	98	03	1	533	77	3	0	9	4	0	38	78	000	0	0	05	02	98	00	0	528	53	0	0	9	0	0	29	47	+ 7	+ 6	0.1	−	4.2	4
	Kalat	000	0	0	27	02	99	00	0	553	53	0	0	9	0	0	41	62	000	0	0	00	00	99	00	0	580	42	0	0	9	0	0	29	30	−	−	−	−	−	12
	Kandahar																																									—

Given Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 23rd NOVEMBER, 1959.

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_s C_h h_s	O $T_sT_sT_dT_d$	$I_dd_wP_H$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kohomaru	13 207	631 00	3 03 10	97 02 0	160 75	24 4 10	35 E1 0	—	0 56 73	—
Caressa	13 246	620 00	1 34 05	98 02 0	164 81	13 4 00	15 40 0	—		
Dwarka	13 248	650 00	3 30 02	98 03 0	159 75	00 9 08	65 40 0	—	0 51 64	1 30 21
Riyadhmaru	13 209	635 00	1 05 08	98 02 0	190 77	11 4 00	76 50 5	—	0 52 xx	1 05 21
Dalila	13 250	577 03	2 00 00	98 01 0	175 75	00 9 04	36 22 0	—	0 56 70	1 00 x0
Riyadhmaru	13 219	620 06	1 05 10	98 02 0	230 81	11 4 00	76 22 0	—	0 02 xx	1 05 71
Dalila	13 241	583 06	2 00 00	98 02 0	187 79	00 9 01	36 11 2	—	0 52 72	1 00 x0
Isocardia	13 243	584 06	2 31 05	98 02 0	210 79	00 9 04	26 21 0	—	0 00 64	1 00 x0
Caltex Pernis	13 197	584 06	4 06 09	98 03 0	192 79	42 5 00		—	0 00 70	1 06 21
Barnes	13 212	595 06	2 05 06	98 02 0	100 79	21 6 00	14 11 9	—	0 53 68	1 05 x1
Dalila	13 234	589 09	5 00 00	98 03 1	165 81	00 9 06	36 72 2	—	0 00 72	1 00 x0
Isocardia	13 249	578 09	1 31 08	98 02 0	190 79	00 9 03	26 22 0	—	0 52 72	1 00 x0
Dalila	13 229	595 12	2 00 00	98 02 0	155 79	00 9 04	36 71 0	—	0 51 68	1 00 x0
Isocardia	13 255	573 12	1 31 10	98 02 0	180 77	00 9 03	26 61 40	—	0 54 70	1 00 x0
Dwarka	13 250	630 12	2 25 02	98 03 0	105 79	00 9 02	55 60 2	—	0 01 66	1 36 21
World Health	13 242	568 12	6 19 05	98 02 2	200 79	19 6 96	35 40 0	—	0 54 72	1 19 04
Barnes	13 225	599 12	1 36 06	98 01 0	068 82	00 9 04	14 71 5	—	0 52 68	1 46 x1
Daressa	13 251	637 12	1 23 09	99 02 0	150 81	00 9 08	35 62 0	—		
Dalila	13 221	600 15	0 00 00	98 02 0	160 77	00 9 00	36 20 5	—	0 54 66	1 00 x0
Tawali	13 105	617 18	1 06 12	98 01 0	129 81	11 4 00	25 21 4	—	0 00 73	1 06 23
Landardson	13 130	686 18	3 03 10	99 03 0	125 82	35 5 00	64 40 0	—	0 52 73	1 03 32
Caltex Pernis	13 223	599 18	0 07 05	98 02 0	161 79	00 9 00	—	—	0 51 66	1 07 20
Isocardia	13 264	559 18	9 36 02	98 00 0	180 79	9x 0x xx	26 40 0	—	0 53 68	1 00 xx
Barnes	13 235	591 18	0 00 00	98 02 0	080 77	00 9 00	74 10 6	—	0 54 70	1 00 xx
Yoohomaru	13 175	668 18	0 30 10	98 02 0	145 79	00 9 00	36 80 2	—	0 00 73	—

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	012 192 152	109 225 175	...	145 115 065	—	311 095 999	437 008 999	581 590 999	750 702 999	957 835	238 012	—	—
Jiwani														
Karachi	00 00	011 152 092	121 192 125	..	150 185 999	..	314 055 999	439 515 999	582 588 999	751 712 999	957 888	324 062	—	—
Lahore														
Multan														
Peshawar	23 00	973 095 068	—	—	150 152 092	..	310 048 565	434 528 548	575 655 788	740 782 999	940 728	301 105	—	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 155 095	..	...	—	..	—	—	—	..	900 155 095	...	..
Jiwani													
Karachi	00 00	..	..	—	..	—	—	—	—	—	200 062 999	—	—
Lahore													
Multan													
Peshawar	23 00	925 150 110	900 152 092	800 105 008	350 848 999	250 022 999	168 130 999	—	..	—	168 130 999	—	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	04 02	01 01	36 02	32 03	29 03	28 26	—	—	—
Chaklala	..	21 02	27 02	33 08	32 13	29 13	29 19	29 25	29 27
Chhor	25 09	28 08	29 04	35 04	05 10	34 12	31 17	..	—
Chittagong	22 10	21 12	19 19	20 25	24 12	—	—	—	..
Cox's Bazar	28 05	23 05	18 09	22 15	26 04	—	—	—	—
Dacca	13 06	09 02	08 03	30 05	30 10	27 21	27 29	27 39	27 43
Dalbandin	—	—	12 05	10 11	07 09	36 16	31 10	24 17	25 21
D. I. Khan	..	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	20 01	20 05	21 09	19 05	24 01
Fort Sandeman	—	—	—	—	26 04	27 07	27 12	31 26	32 31
Jacobabad	30 04	33 07	34 10	34 10	33 08	32 17	30 22	32 23	31 25
Jessore	32 05	33 05	35 07	35 07	—	—	—	—	—
Jhelum	24 03	29 04	30 07	31 12	33 17	32 18	30 17	27 23	29 31
Jiwani	16 02	08 08	08 11	33 07	04 10	34 08	27 15	28 30	28 33
Karachi	29 07	34 06	36 07	06 07	07 09	36 13	31 15	28 25	27 34
Khanpur	35 01	33 05	32 06	31 08	33 10	31 19	31 21	31 24	29 33
Lahore	30 03	29 06	30 07	31 11	22 15	32 14	30 17	29 22	29 29
Multan	10 04	16 03	08 30	35 07	35 15	32 09	32 27	32 33	30 31
Maraoat	—	—	—	—	—	—	...	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	03 04	06 02	18 10	28 11	29 31	31 21	29 27	27 21
Quetta	—	..	—	—	31 15	33 12	31 33	30 43	29 41
Sha 'jah	—	—	—	—	—	—	—	..	—
Sylhet	13 02	14 04	14 05	16 09	20 11	26 21	—	—	..
Varsawi	—	—	—	—	—	—	—	—	—

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	9 0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	03 02	09 02	12 04	10 07	32 10	—	..	—	..	—	...
Chaklala	—	..	—	—	—	—	—	—	—	..	—
Chhor	..	—	..	—	—	—	..	—	—	—	..
Chittagong	21 04	22 04	20 12	20 17	—	—	..	—	—	—	...
Cox's Bazar	33 01	19 08	20 17	20 18	23 11	25 14	26 25	26 31	27 33	—	—
Dacca	03 02	36 05	36 06	01 02	26 07	25 17	26 27	27 32	27 45	26 38	27 70
Dalbandin	—	—	09 11	08 12	36 09	25 12	31 05	26 18	28 18	—	...
D. I. Khan	..	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	01 10	01 09	19 02	26 09	28 27	28 32	—
Fort Sandeman	—	—	—	23 04	26 03	31 05	29 15	26 18	26 19	26 37	..
Jacobabad	10 02	08 02	08 04	24 17	25 08	16 03	23 09	23 17	23 20	—	..
Jessore	33 04	01 03	01 02	30 11	28 19	26 33	—	—	—	..	—
Jhelum	35 01	30 07	32 06	31 10	31 10	33 16	30 17	30 22	30 29	30 45	..
Jiwani	08 08	09 06	09 05	35 04	04 08	36 08	28 20	30 11	30 12	—	—
Karachi	33 04	25 06	25 06	32 02	02 03	08 06	27 18	28 26	28 24	28 39	28 44
Khanpur	03 03	04 02	35 02	24 05	28 05	32 04	28 17	25 24	27 26	27 27	28 49
Lahore	16 01	21 01	34 06	31 12	32 15	31 15	29 19	29 22	29 33	27 32	—
Multan	12 08	12 08	12 06	18 06	20 08	23 08	28 13	29 13	27 23	27 30	28 28
Maraoat	—	—	—	—	..	—	—	—	—	..	...
Panjgur	—	—	—	—	..	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	—	..	—	...	—
Quetta	—	—	—	..	31 03	32 11	29 06	—	..	—	—
Sha 'jah	—	—	—	—	—	—	—	..	—	..	..
Sylhet	11 05	09 02	15 05	—	..	—	—	—	—	—	—
Varsawi	—	—	..	—	—	—	—	—	—	..	—

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

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

Height in g. p. a.s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	36 03	36 05	35 06	36 07	25 15	27 23	26 34	27 52	27 58	27 83	77 29			..	—	—	—	..
Karachi	27 07	35 04	01 06	01 04	01 07	07 06	27 13	26 20	27 33	27 40	27 46	27 60	28 70	..	—	—	—	—
Peshawar	Misda	..	—	—	—	..	..	—	—	—	—	—	—	..	—	..	—	—
Quetta																		

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

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

11 768 42 728

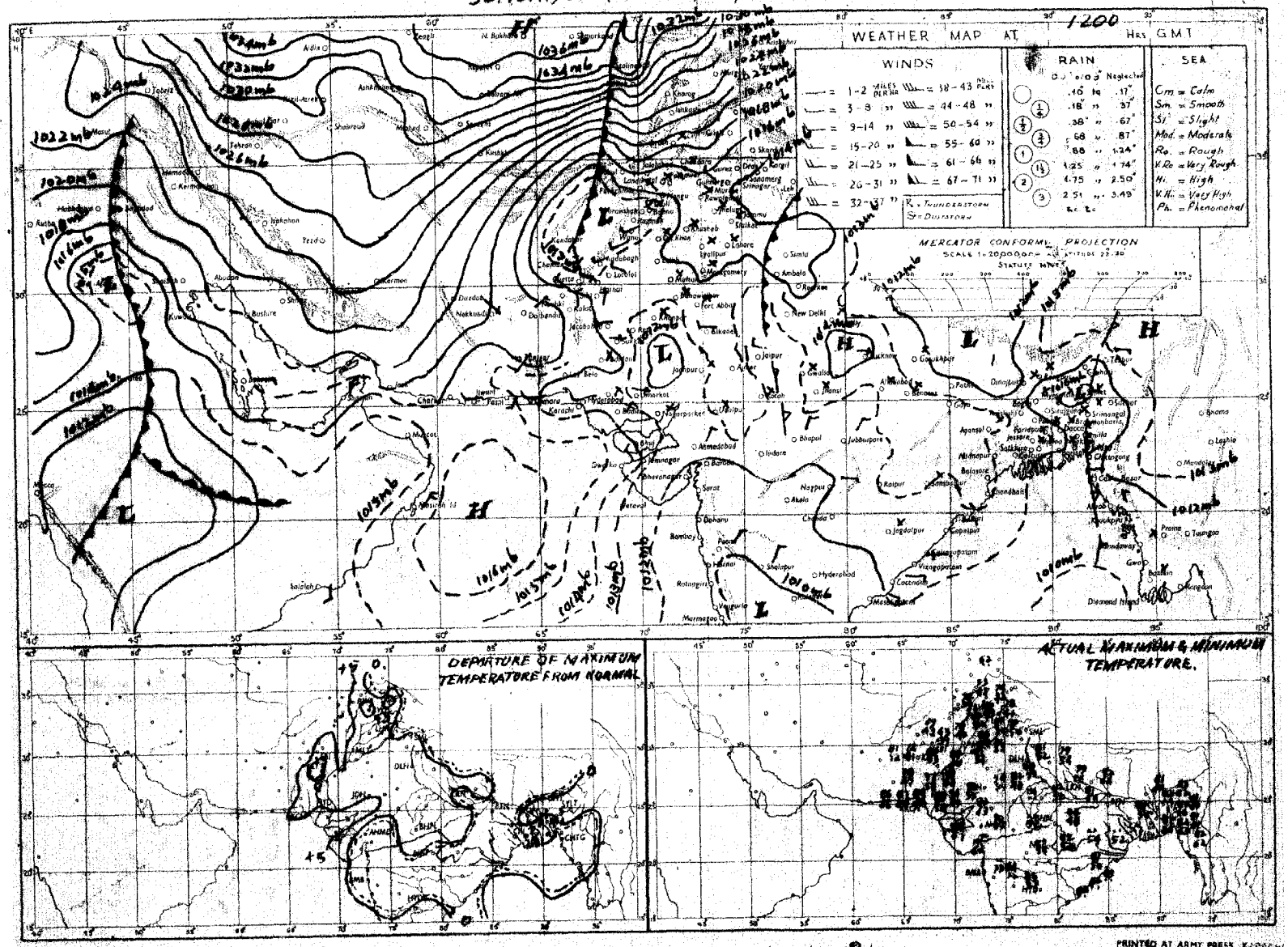
05 715 32 312 04712 03 420

02 924

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 NOVEMBER, 1959.



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

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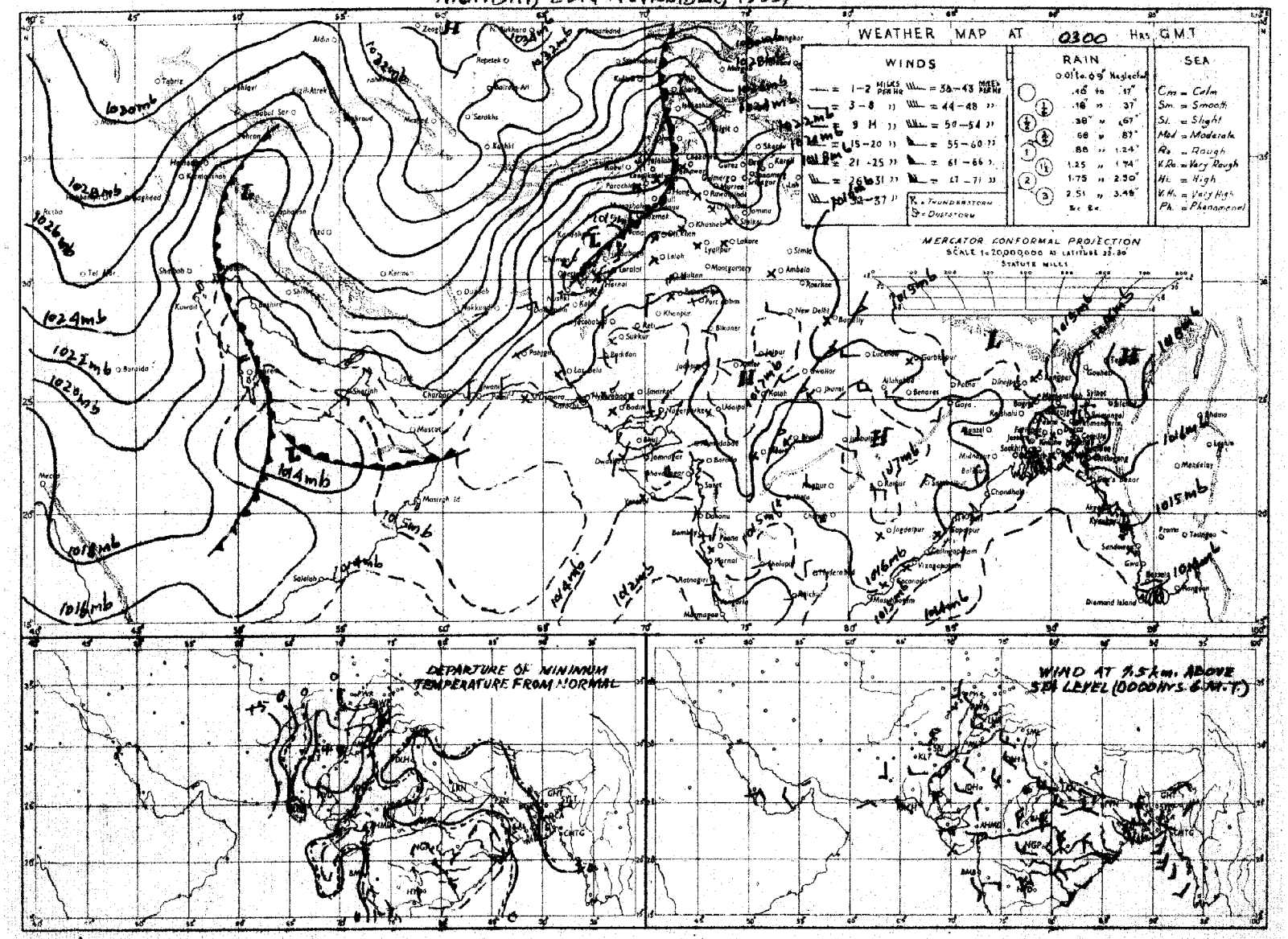
PAKISTAN DAILY WEATHER MAP

MONDAY, 23rd NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 24th NOVEMBER, 1959.

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

Yesterday's western disturbance over Quetta and D. I. Khan divisions moved away across Peshawar division. Its trough became unimportant.
The western disturbance over north west Iran lies over Russian Turkistan north of Afghanistan. Its secondary also became unimportant.
A fresh secondry western disturbance lies over southeast Iran with its through extending to Gulf of Oman and adjoining north Arabian sea.
Weather remained dry over the country.
Night temperatures were:- 4—7 °F above normal over west Pakistan outside Peshawar and Rawalpindi divisions.
Forecast valid until the evening of 25th November, 1959. Scattered rain/thundershowers are expected in Kalat, Quetta, D. I. Khan and Peshawar divisions. Weather will be dry over the rest of the country.

Karachi-11
The 24th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	1200 Rainfall in Cents	1200 Past weather commenced at †	1200 Total cloud amount	1200 Wind direction in tens of degrees	1200 Wind speed in knots	1200 Horizontal visibility †	1200 Present weather †	1200 Past weather †	1200 Sea level pressure (mbs. and tenths)*	1200 Dry Bulb temperature °F	1200 Amount of Lowest Cloud	1200 Low Cloud form †	1200 Height of Lowest Cloud †	1200 Medium Cloud form †	1200 High Cloud form †	1200 Dewpoint temperature °F	1200 Maximum temperature °F	0300 Rainfall in Cents *	0300 Past weather commenced at †	0300 Total cloud amount	0300 Wind direction in tens of degrees	0300 Wind speed in knots	0300 Horizontal visibility †	0300 Present weather †	0300 Past Weather †	0300 Sea level Pressure (mbs. and tenths)*	0300 Dry Bulb temperature	0300 Amount of Lowest Cloud †	0300 Low Cloud Form †	0300 Height of Lowest Cloud †	0300 Medium Cloud form †	0300 High Cloud form†	0300 Dewpoint temperature °F.	0300 Minimum Temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st November, 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	121	75	0	0	9	0	6	67	83	000	0	0	02	05	96	00	0										-1					140
	Chittagong	000	0	0	25	05	xx	00	0	120	72	0	0	9	0	0	67	62	000	9	0	00	00	98	00	4	159	74	0	0	9	0	0	66	61	0	-2	0	-1.9	142.0	108
	Maijdee Court	000	9	9	00	00	xx	10	0	123	72	9	x	9	x	x	67	81	000	0	0	00	00	97	00	0	157	75	0	0	9	0	0	65	60	-1	-4	0	-1.4	144.7	115
	Comilla	000	0	3	00	00	xx	03	1	123	74	3	0	9	4	0	70	83	000	0	0	00	00	97	00	0	149	71	0	0	9	0	0	61	60		-1	0	-2.2	107.7	94
	Brahmanbaria	000	0	2	00	00	xx	02	0	122	72	2	1	6	0	0	63	80	000	0	0	00	00	97	00	0	163	75	0	0	9	0	0	65	62	-	-	0	-1.0	85.2	76
	Sylhet	000	0	1	00	00	xx	01	0	124	69	1	1	7	0	0	63	83	000	0	1	09	05	97	01	0	160	72	1	2	6	6	0	64	61	-	-	0	-	193.9	—
	Srimangal																		000	0	1	00	00	97	01	1	160	75	1	0	7	0	0	64	55	-2	-2	0	-1.4	109.4	78
Dacca	Mymensingh	000	0	0	00	00	97	00	1	125	75	0	0	9	0	0	65	81	000	0	0	13	02	97	00	0	170	67	0	0	9	0	0	64	63	0	0	0	-0.8	113.3	91
	Narayanganj	000	0	0	11	02	xx	05	0	116	77	0	0	9	0	0	65	65	000	9	0	00	00	96	05	0	163	76	0	0	9	0	0	63	65	+3	+1	0	-0.9	103.9	74
	Dacca (Tejgaon)	000	9	1	00	00	97	02	1	113	74	1	5	6	0	0	63	82	000	0	0	07	03	97	02	0	158	72	0	0	9	0	0	64	60	-	-	0	-	103.6	—
	Faridpur	000	8	1	00	00	95	05	0	114	74	1	4	8	0	0	69	81	000	9	0	02	02	95	05	0	159	73	0	0	9	0	0	65	61	0	0	0	-1.0	116.7	71
	Barisal	000	0	0	00	00	96	02	1	526	75	0	0	9	0	0	67	82	000	0	0	00	00	97	02	2	159	71	0	0	9	0	0	63	63	0	0	0	-1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	96	00	0	120	75	0	0	9	0	0	62	83	000	0	0	00	00	97	00	0	163	75	0	0	9	0	0	65	62	+1	+1	0	-1.1	112.8	68
	Satkhira	000	0	0	00	00	98	00	0	131	74	0	0	9	0	0	54	82	000	0	0	36	02	98	00	0	144	72	0	0	9	0	0	60	60	-2	+1	0	-0.8	82.1	65
	Jessore	000	0	0	00	00	97	00	0	126	75	0	0	9	0	0	62	81	000	0	0	36	03	97	00	0	169	69	0	0	9	0	0	64	59	-1	-2	0	-0.9	105.8	65
	Sirajganj	000	0	0	00	00	92	00	1	104	73	0	0	9	0	0	71	85	000	0	0	00	00	98	00	0	145	76	0	0	9	0	0	70	65	+4	+4	0	-0.8	107.7	64
	Bogra	000	0	0	00	00	xx	01	1	119	73	0	0	9	0	0	64	81	000	0	0	02	03	96	02	0	166	72	0	0	9	0	0	63	61	0	0	0	-1.8	104.4	69
	Dinajpur																		000	0	0	00	00	96	00	0	168	70	0	0	9	0	0	60	60		+1	0	-0.3	66.9	72
	Rangpur	000	0	2	00	00	95	01	1	xxx	74	2	5	6	0	0	66	82	000	0	0	00	00	96	01	0	xxx	68	0	0	9	0	0	63	61	+1	+1	0	-0.4	104.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	8	6	00	00	96	03	1	134	69	1	0	9	3	6	57	77	000	9	1	00	00	95	10	1	178	55	1	0	9	4	0	52	50	-3	+5	1.1	+1.1	27.1	19
	Sialkot	000	0	3	00	00	97	02	0	129	68	2	0	9	3	x	56	75	000	0	0	00	00	97	00	0	176	60	0	0	9	0	0	53	51	-2	+4	3.1	+3.0	41.8	32
Rawalpindi	Jhelum	000	8	5	00	00	96	01	1	130	67	1	0	9	3	1	57	76	000	0	6	00	00	94	10	2	181	49	0	0	9	0	1	47	46	-	-	3.4	-	53.5	—
	Rawalpindi	000	0	5	27	02	98	03	2	143	63	0	0	9	0	8	49	70	000	0	6	36	02	97	03	1	194	44	0	0	9	0	7	43	42	-4	0	3.2	+3.0	55.5	34
	Khushab	000	0	4	00	00	99	03	2	129	75	4	3	6	0	0	52	77	000	0	2	00	00	99	02	1	176	55	0	0	9	0	4	49	50	-3	+3	1.1	+1.0	26.5	15
Multan	Lyallpur	000	0	6	00	00	96	00	0	140	73	6	0	9	0	5	59	76	000	0	5	00	00	95	02	0	182	52	5	0	9	0	4	51	51	0	+5	0.4	+0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	135	75	0	0	9	0	0	56	81	000	0	0	05	02	96	00	0	168	58	0	0	9	0	0	52	55	+1	+6	0.1	+0.1	8.5	10
	Multan	000	0	6	05	02	97	03	1	129	xx	2	0	9	3	6	47	80	000	0	2	00	00	97	02	0	169	60	0	0	9	0	1	49	57	0	+8	0.1	+0.1	8.3	7
Bahawalpur	Leiah	000	0	8	00	00	97	03	2	134	77	0	0	9	0	9	46	77	000	0	5	00	00	96	04	2	170	54	0	0	9	0	2	52	49	-	-	2.5	-	6.9	8
	Khanpur	000	0	4	02	02	96	03	0	119	78	5	0	9	4	0	59	82	000	0	4	36	03	96	00	0	157	55	4	0	8	4	0	51	53	-1	+4	0	0	1.4	6
	Bahawalpur	000	0	8	00	00	96	03	2	124	75	0	0	8	2	0	64	77	000	0	4	00	00	97	00	0	163	63	4	0	9	0	3	60	54	-4	+6	0.1	+0.1	6.6	6
	Fort Abbas	000	0	0	07	02	98	00	0	135	75	0	0	9	6	0	59	87	000	0	0	07	02	98	00	0	060	57	0	0	9	0	0	57	xx	-	-	1.0	-	10.2	4
Peshawar	Chakdara	000	0	6	23	02	96	03	1	117	61	6	0	8	6	0	45	64	000	0	6	00	00	97	03	0	198	42	6	0	8	4	0	37	40	-	-	5.4	-	31.9	—
	Peshawar	000	0	5	00	00	96	05	2	140	64	0	0	9	0	6	52	71	…	…	…	…	…	…	…	—	…	…	…	…	…	…	…	…	…	-2					14
	Haripur	000	0	5	13	04	96	03	2	119	64	5	0	9	9	0	44	78	000	3	6	23	04	97	03		172	50	6	0	9	0	9	35	46	-	-	4.0	-	35.2	—
	Campbellpur	000	0	4	05	02	98	00	0	159	63	0	0	8	0	0	52	68	000	0	6	05	02	98	02		213	46	0	0	9	0	0	44	46	-	-	3.1	-	39.1	—
D. I. Khan	Bannu	000	0	2	13	01	99	01	0	117	70	0	0	9	0	8	60	73	000	2	4	00	00	99	02	1	168	51	0	0	9	0	3	47	40	-	-	2.4	-	15.2	11
	D. I. Khan	000	0	3	00	00	98	03	0	129	71	0	0	9	0	3	59	78	000	2	5	00	00	98	02	0	176	56	0	0	9	0	5	51	51	-1	+5	1.6	+1.6	16.5	10
Quetta	Sibi	000	0	5	23	02	98	03	1	114	84	0	0	9	3	0	39	86	000	2	5	05	02	98	03	1	157	57	0	0	9	3	0	49	55	-	-	4.0	-	9.2	5
Kalat	Nokkundi	000	0	0	11	02	99	02	0	115	75	0	0	9	0	0	29	78	000	0	0	05	02	98	02	0	161	57	0	0	9	0	0	29	55	-	-	0.5	-	1.6	2
	Turbat	000	0	0	09	02	98	00	0	056	90	0	0	9	0	0	63	93	000	0	0	09	02	97	00	0	132	65	0	0	9	0	0	52	xx	-	-	0.6	-	7.9	—
	Jiwani	000	0	5	23	09	97	03	1	125	82	2	0	9	3	1	61	90	000	0	3	00	00	97	02		128	72	3	0	9	4	0	69	68	-	-	0.8	-	7.5	4
	Pasni	000	0	2	18	07	98	00	0	115	85	2	0	9	2	0	59	88	000	0	4	05	05	98	00		134	73	4	0	9	5	0	69	66	+6	+9	0.3	+0.1	3.4	4
	Ormara	000	0	5	23	07	98	02	1	107	82	5	0	9	2	0	68	88	000	0	6	00	00	98	02		134	68	6	0	9	2	0	65	64	-	-	2.7	+2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	100	92	0	0	9	0	0	57	95	…	…	—	…	…	—	…	…	…	…	…	…	—	…	…	—	…	-					8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	31	12	98	02	0	146	82	0	0	9	0	0	70	85	000	0	4	00	00	94	10	1	141	72	0	0	9	0	1	69	70	+3	+6	1.8	+1.5	18.1	8
	Karachi (Air Port)	000	0	1	23	03	96	00	0	000	80	0	0	9	0	1	69	89	000	0	1	00	00	92	44	4	142	63	0	0	9	0	1	63	61	-	-	3.3	-	26.1	—
	Badin	000	0	0	00	00	97	00	0	103	88	0	0	9	0	0	54	93	000	0	0	23	02	96	00	0	138	64	0	0	9	0	0	56	60	+6	+2	0.4	+0.2	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	954	78	0	0	9	0	0	65	80	000	0	0	00	00	98	00	0	135	71	0	0	9	0	0	61	68	-	-	0	-	30.5	—
	Umerkot	000	0	7	29	03	98	00	0	105	84	0	0	9	0	2	50	91	000	0	4	05	02	98	00	0	131	63	0	0	9	0	2	49	54	-	-	0.5		20.8	—
	Hyderabad	000	0	3	48	03	97	01	1	109	87	0	0	9	0	8	48	91	000	0	4	00	10	95	10	1	141	65	0	0	9	0	1	57	61	+6	+4	0.5	+0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	102	86	0	0	9	0	1	42	90	000	9	1	00	00	97	01	1	142	59	0	0	9	0	1	49	55	-	-	0.3	-	7.9	—
	Nawabshah	000	0	3	18	03	97	02	0	113	85	0	0	9	0	1	49	89	000	0	1	00	00	96	02	0	153	60	0	0	9	0	1	51	57	-	-	0.3	-	7.5	—
	Sukkur	000	0	3	07	02	96	02	1	105	83	0	0	9	0	3	54	90	000	9	6	16	05	96	03	2	143	62	0	0	9	0	0	58	61	-	-	0.8	-	5.3	4
	Kashmore	000	0	0	09	03	99	00	0	113	78	0	0	9	0	0	51	82	000	0	5	09	03	99	00	0	146	60	5	1	6	0	0	47	58	-	-	1.3	-	3.4	—
	Jacobabad	000	0	2	13	03	98	01	0	111	83	0	0	9	0	2	53	75	000	0	1	36	05	98	01	0	151	59	1	0	9	3	0	52	56	+4	+4	0.2	+0.2	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Jafrabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								24
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	9	5	29	02	97	02	1	505	46	0	0	9	0	8	20	54	000	9	6	00	00	97	02	1	533	44	0	0	9	1	0	19	38	0	-2	4.2	+3.7	87.6	59
Peshawar	Drosh	000	4	7	00	00	97	03	2	508	54	7	0	9	2	0	43	62	000	7	7	00	00	97	03	2	552	41	7	0	9	3	0	25	40	0	-2	3.2	-	34.1	18
	Cherat	000	0	2	31	03	98	03	1	510	55	0	0	9	0	8	32	68	000	0	6	18	03	96	00	0	529	51	0	0	9	0	0	31	45	+5	-2	5.7	+5.6	37.1	29
	Kakul	000	8	6	13	03	97	03	1	499	55	0	0	9	4	1	32	65	000	9	7	31	02	98	03	1	524	49	0	0	9	0	0	22	47	-	-	4.4	-	59.4	—
	Landi Kotal	000	0	6	00	00	98	02	1	492	59	0	0	9	0	4	39	64	000	0	8	00	00	98	03	1	512	41	0	0	9	1	7	26	37	-	-	3.9	-	32.8	—
	Parachinar	000	0	0	13	02	99	00	0	801	54	0	3	9	0	0	49	xx	000	0	8	00	00	99	00	0	802	43	0	1	9	1	0	33	xx	-	-	5.3	-	33.4	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	480	64	0	0	9	0	0	40	69	000	0	6	00	00	99	03	0	489	49	6	2	7	0	0	38	45	-	-	1.1	+1.1	8.1	13
	Wana	000	0	0	09	05	99	10	0	481	63	0	0	9	0	0	20	68	000	0	6	00	00	99	20	2	506	44	6	3	9	0	0	35	39	-	-	1.1	-	15.2	—
	Fort Sandeman	000	0	1	00	00	98	01	0	506	65	1	0	9	0	3	39	69	000	0	8	00	00	97	03	0	521	47	0	5	6	0	0	34	43	+2	+6	4.7	+4.7	20.7	11
Quetta	Hindubagh	000	0	0	25	06	98	00	0	485	62	0	0	9	0	0	39	66	000	0	3	27	02	98	03	0	493	43	0	0	9	3	4	26	42	-	-	3.3	-	16.0	—
	Loralai	000	0	6	13	03	96	01	1	373	63	3	2	6	0	1	20	71	000	0	6	27	02	96	01	2	355	46	3	2	6	2	0	25	39	-	-	4.3	-	17.3	—
	Harnai	000	0	8	27	02	98	02	2	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	-	-	5.9	+5.7	18.7	14
	Quetta	000	0	3	00	00	96	02	0	514	60	3	1	5	0	0	27	61	000	0	7	09	02	90	02	0	531	50	3	1	7	2	0	19	32	0	-1	1.6	+1.5	11.1	8
	Chaman	000	0	0	23	02	97	00	0	505	64	0	0	9	0	0	11	66	000	3	4	13	02	96	03	0	507	53	2	0	7	1	2	31	44	0	+3	0.4	+9.3	6.7	7
Kalat	Kalat	000	0	0	34	07	98	00	0	508	54	0	0	9	0	0	27	61	000	0	6	16	05	98	03	2	564	40	6	1	7	0	0	25	33	0	+4	1.1	+1.0	12.1	7
	Nushki	000	0	0	31	09	98	00	0	605	69	0	0	9	0	0	27	71	000	2	7	09	05	98	03	0	549	59	7	2	6	0	0	34	50	-	-	0.6	-	3.9	—
	Dalbandin	000	8	1	05	02	96	01	1	501	70	1	0	9	3	0	27	71	000	9	6	36	02	96	01	1	488	50	6	0	9	7	0	19	43	0	+7	0.2	+0.1	7.4	5
	Panjgur	000	0	2	36	03	98	02	0	309	74	0	0	9	5	0	28	74	000	0	6	05	02	98	03	0	500	53	0	0	9	6	0	21	48	+3	+7	0.1	-	4.2	4
Afghanistan	Kabul																																								12
	Kandahar																																								—

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_sh_sh_s$	O $T_sT_sT_dT_d$	$I_dd_dPH_a$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Dwarka	...	...	—	23 241	599 00	3 27 02	98 03 0	146 80	00 9 02	55 70 9	—	0 01 72	1 27 21
Karanja	...	...	—	23 107	614 00	0 04 12	99 02 0	164 81	00 x 00	86 60 5	—	0 51 68	1 04 32
Bagdad	...	...	—	23 187	577 03	4 06 08	99 02 1	170 77	42 7 00	54 20 5	—	0 52 46	1 07 x1
Dalila	..	...	—	23 192	586 03	1 09 08	98 03 0	150 77	14 5 00	46 21 0	—	0 54 70	1 09 x0
Caltex Pernis	...	..	.	23 246	581 06	7 00 00	98 03 1	172 79	22 5 61	—	—	0 51 71	1 00 x0
Dalila	..	...	..	23 185	580 96	2 09 06	98 01 0	157 79	22 5 00	—	—	0 36 00	—
Borneo	...	...	...	23 254	572 06	8 00 00	98 02 2	180 79	00 6 70	75 10 7	—	0 54 72	1 00 xx
World Hest	..	...	—	23 227	596 06	4 00 00	99 02 0	205 82	19 6 74	35 40 0	—	0 02 70	1 00 x0
Bagdad	..	..	...	23 181	572 06	4 05 08	99 02 1	170 77	42 5 00	54 40 0	—	0 52 70	1 05 x1
Dalila	...	...	...	23 180	572 09	1 09 04	98 01 0	134 81	12 5 00	56 72 3	—	0 00 73	1 09 x0
Dalila	...	...	..	23 175	566 12	2 09 03	98 01 0	120 81	21 5 00	56 71 4	—	0 02 70	1 09 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTT TdTdTd)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 172 152	000 235 118	—	150 125 999	—	312 072 999	437 515 999	580 582 999	749 705 999	956 850	230 022	—	—
Jiwani ...														
Karachi ...	00 00	010 175 172	104 202 142	..	149 165 612	..	311 045 745	435 512 999	578 595 999	747 700 999	955 838	—	—	—
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 088 075	—	—	150 132 045	..	312 055 592	436 522 708	579 612 808	747 698 999	957 800	...	416 062	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	—	..	—	—	..	—	—	—	..	200 022 999	—	—
Jiwani ...													
Karachi ...	00 00	900 202 592	800 122 645	—	..	—	—	—	—	—	800 122 645	—	—
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 142 052	800 112 515	350 798 999	..	—	..	—	..	—	350 798 999	—	—
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.3	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	08 02	01 01	10 01	04 02	31 04	28 22	—	—	—
Chaklala ...	..	—	—	—	..	—	—	—	—
Chhor ...	26 06	25 02	07 02	08 05	08 06	25 03	—	..	—
Chittagong ...	26 06	13 03	16 12	19 19	26 13	26 17	—	—	..
Cox's Bazar ...	23 07	14 04	09 09	11 12	13 04	—	—	—	—
Dacca ...	33 01	36 02	36 03	33 06	28 17	28 23	27 23	26 35	26 44
Dalbandin ...	—	—	07 05	08 05	01 05	35 10	23 05	28 13	28 17
D. I. Khan ...	..	—	—	—	—	—	—	..	—
Drosh ...	—	—	—	—	01 01	03 01	05 02	23 01	21 03
Fort Sandeman ...	—	—	—	21 01	16 01	29 11	30 14	26 15	27 31
Jacobabad ...	11 04	11 03	12 04	20 08	22 09	24 07	23 07	24 09	27 19
Jessore ...	34 05	33 05	35 05	01 05	29 17	28 24	—	—	—
Jhelum ...	29 03	32 07	33 07	31 03	30 02	28 14	26 12	26 17	26 18
Jiwani ...	29 03	27 05	27 05	29 05	30 03	31 03	28 03	—	—
Karachi ...	21 09	23 10	23 08	28 04	32 03	32 07	32 15	30 21	29 25
Khanpur ...	03 04	29 04	29 06	29 10	23 08	30 03	26 09	25 17	27 26
Lahore ...	34 04	33 04	32 06	33 08	30 12	30 19	30 20	29 23	29 28
Multan ...	07 09	10 07	16 07	22 05	22 09	25 09	29 09	26 14	..
Muscat ...	—	—	—	—	—	—	..	..	—
Panjgur ...	—	—	—	—	—	—	—	..	..
Peshawar ...	—	20 03	13 04	24 04	28 09	28 13	—	—	—
Quetta ...	—	..	—	—	35 04	35 13	29 11	24 12	27 33
Sharjah ...	...	—	—	—	—	—	—	—	—
Sylhet ...	20 02	16 03	15 05	17 07	23 10	27 22	27 23	26 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	3.6
STATION	11	12	13	14	15	16
Bogra ...	05 07	05 04	05 08	07 09	07 09	08 10
Chaklala ...	—	05 03	03 01	31 07	27 05	29 10
Chhor ...	28 05	26 03	23 02	17 03	12 05	27 07
Chittagong ...	04 10	04 05	16 06	21 09	23 07	26 11
Cox's Bazar ...	—	—	—	—	—	—
Dacca ...	06 04	06 04	07 05	05 08	26 08	26 24
Dalbandin ...	—	—	08 07	19 06	22 07	24 13
D. I. Khan ...	—	—	—	—	—	—
Drosh ...	—	—	—	04 01	07 01	02 03
Fort Sandeman ...	—	—	..	05 05	23 05	23 11
Jacobabad ...	09 18	15 10	25 06	22 10	22 11	28 01
Jessore ...	01 12	01 08	02 08	04 15	27 08	26 14
Jhelum ...	36 03	07 02	04 05	04 08	32 05	29 05
Jiwani ...	28 16	27 12	29 12	28 12	25 12	27 15
Karachi ...	No	Ascent	—	—	—	..
Khanpur ...	04 13	04 10	24 06	25 08	26 15	25 10
Lahore ...	05 06	03 06	03 05	27 07	28 12	28 07
Multan ...	10 14	11 11	10 05	13 05	26 09	25 11
Muscat ...	—	—	—	—	—	—
Panjgur ...	—	—	—	—	—	—
Peshawar ...	..	29 03	23 01	01 02	15 02	25 06
Quetta ...	..	..	—	...	31 05	33 12
Sharjah ...	—	—	—	—	—	—
Sylhet ...	07 05	06 03	10 05	13 03	15 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	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	—	—	02 07	05 10	08 09	06 04	..	—	..	—	—
Chaklala ...	01 07	01 05	—	—	—	—	—	—	—	—	—
Chhor ...	..	—	18 13	19 09	17 07	21 07	26 10	27 21	26 25	26 30	..
Chittagong ...	17 02	18 04	—	—	—	—	—	—	—	—	—
Cox's Bazar ...	—	—	01 04	02 04	28 02	26 16	25 19	26 19	26 20	26 28	26 26
Dacca ...	05 03	26 03	10 06	17 03	19 12	22 12	21 15	23 14	—	—	...
Dalbandin ...	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan ...	..	—	—	—	04 07	01 07	03 03	10 04	18 02	—	...
Drosh ...	—	..	—	04 02	16 03	23 07	22 11	—	—	..	..
Fort Sandeman ...	..	—	14 08	17 12	20 11	21 08	24 06	24 05	—	—	..
Jacobabad ...	07 11	12 11	04 11	36 08	25 10	—	..	—	—	—	..
Jessore ...	03 10	04 11	17 02	03 03	12 01	29 03	..	..	—	—	...
Jhelum ...	32 01	20 01	28 12	24 12	24 10	27 13	27 19	24 26	26 41	26 41	—
Jiwani ...	26 08	16 12	18 08	15 06	13 02	34 03	37 09	26 19	24 34	26 41	26 43
Karachi ...	29 04	21 07	17 03	24 06	23 05	17 05	—	—	—	—	—
Khanpur ...	02 09	09 04	30 03	22 07	26 07	23 04	22 36	23 10	25 14	26 17	..
Lahore ...	05 01	20 01	09 09	23 07	25 10	25 09	19 11	21 13	24 14	26 17	...
Multan ...	19 06	09 10	—	—	—	—	—	—	..	—	..
Muscat ...	—	—	—	—	—	—	—	—	..	..	...
Panjgur ...	—	—	—	—	—	—	—	—	...	...	...
Peshawar ...	—	—	—	—	20 05	22 10	22 09	..	—	—	...
Quetta ...	—	—	—	..	—	—	..	—	..	..	..
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. a.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.x	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 ...	05 06	04 05	04 05	05 08	23 03	27 16	26 25	28 33	28 42	26 51	26 47	25 53	29 51	26 23	—	—	—	—
Karachi ...	28 07	18 06	18 05	22 01	29 03	28 05	27 13	27 19	27 24	27 31	27 46	27 71	26 64	..	—	—	—	—
Peshawar ...	Misda	..	—	—	—	..	..	—	...	—	—	—	—	..	—	—	—	—
Quetta ...																		

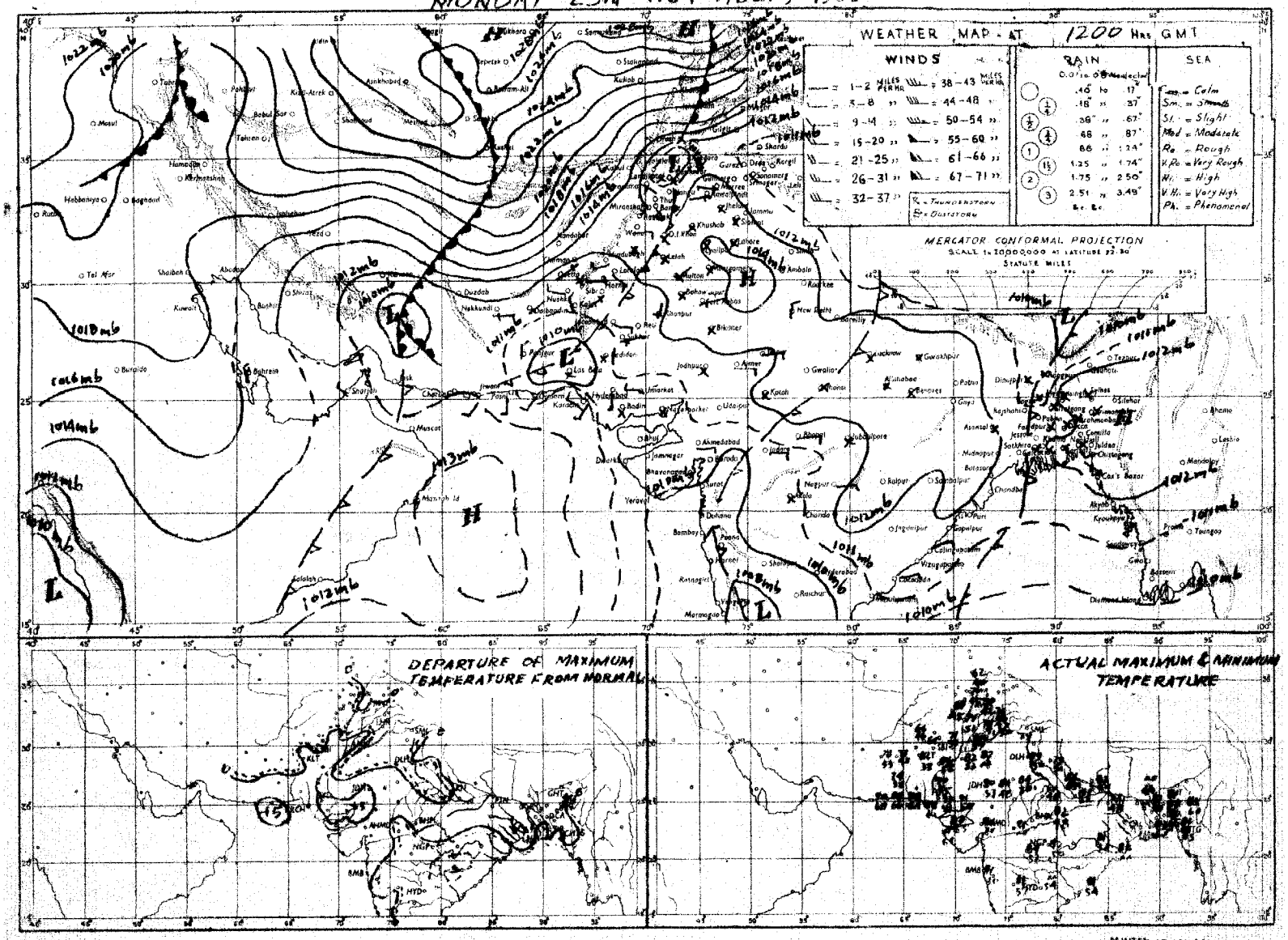
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

MONDAY 23rd NOVEMBER, 1959



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

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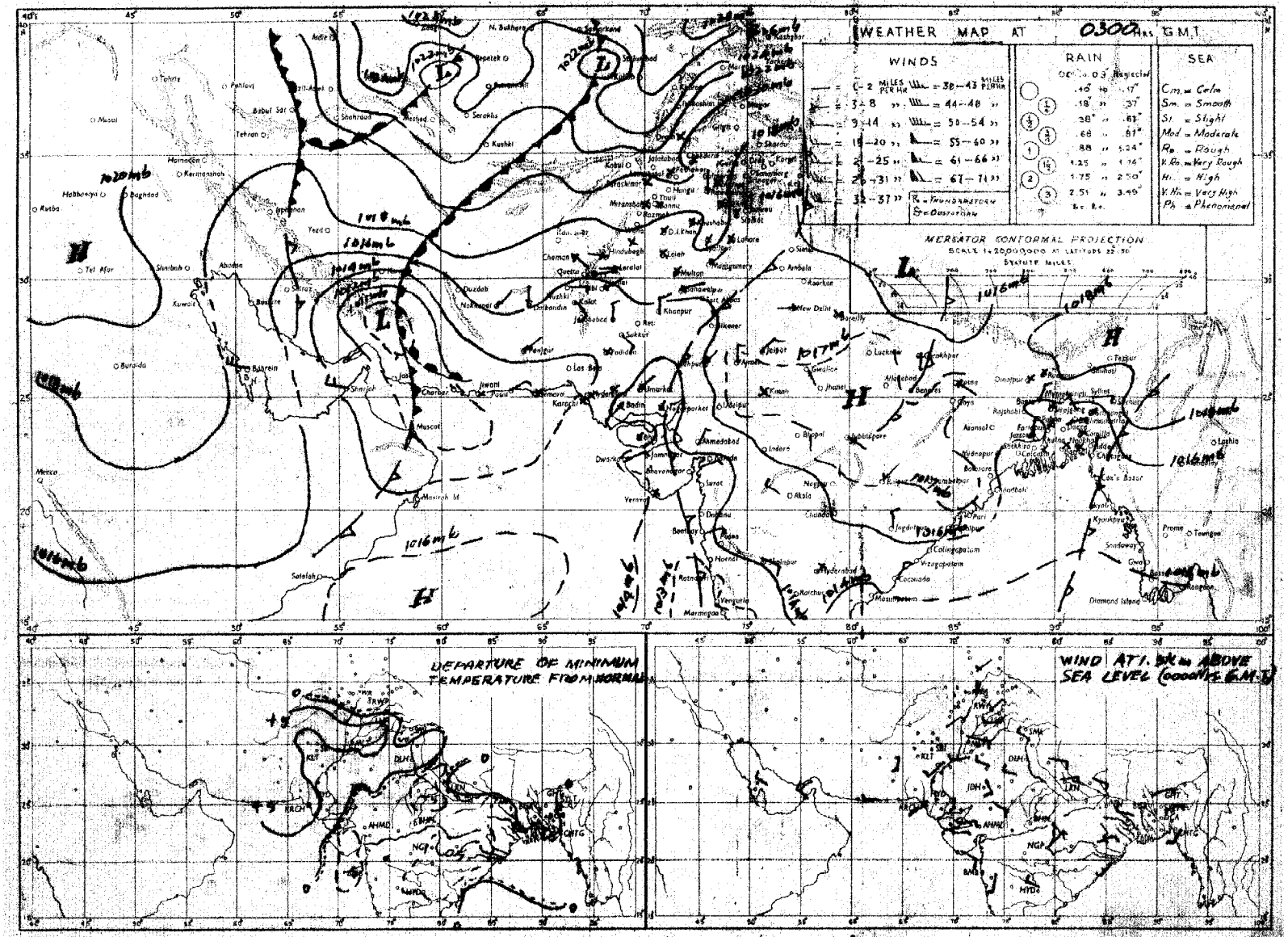
PAKISTAN DAILY WEATHER MAP

TUESDAY 24th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

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WEDNESDAY THE 25th NOVEMBER, 1959.

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

Yesterday's western disturbance over Russian Turkistan north of Afghanistan moved away eastwards.
The secondary western disturbance over southeast Iran now lies over D. I. Khan division and neighbourhood.
Scattered rain has fallen in Peshawar, D. I. Khan and Quetta divisions.
Drosh and Parachinar recorded ½" rain each.
Night temperatures were:- 5—10 °F above normal over West Pakistan outside Federal Capital Area.
Forecast valid until the evening of 26th November, 1959. Scattered rain/drizzle will fall in D. I. Khan, Peshawar, Rawalpindi and Lahore divisions and Kashmir.
Weather will be dry elsewhere over the country.

Karachi-11
The 25th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility VV (8)	Present weather ww (9)	Past weather W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form CL (14)	Height of Lowest Cloud h (15)	Medium Cloud form CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	34	02	95	01	0	129	75	0	0	9	0	6	67	83
	Chittagong	000	0	0	27	02	xx	00	0	135	72	0	0	9	0	0	66	83
	Patenga Court	000	9	9	02	00	xx	10	0	123	73	9	x	9	x	x	71	82
	Comilla	000	0	0	00	00	94	00	0	119	76	0	0	9	0	0	63	83
	Brahmanbaria	000	0	0	03	03	xx	00	1	133	75	0	0	9	0	0	70	82
	Sylhet	000	0	1	00	00	xx	02	0	134	74	1	0	9	7	0	63	83
	Srimangal	000	0	5	00	00	xx	01	0	121	72	5	1	7	0	0	67	85
Dacca	Mymensingh	000	0	0	00	00	97	00	0	138	75	0	0	9	0	0	62	82
	Narayanganj	000	0	0	00	00	xx	05	6	132	76	0	0	9	0	0	63	84
	Dacca (Tejgaon)	000	0	1	00	00	97	02	0	131	72	1	5	6	0	0	62	82
	Faridpur	000	9	0	00	00	95	05	0	121	75	0	0	9	0	0	62	89
	Barisal	000	0	0	00	00	97	02	1	126	75	0	0	9	0	0	67	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	136	76	0	0	9	0	0	65	82
	Satkhira	000	0	0	00	00	98	00	0	136	74	0	0	9	0	0	66	82
	Jessore	000	0	0	00	00	97	00	0	126	75	0	0	9	0	0	62	81
	Sirajganj	000	0	0	00	00	91	00	1	118	72	0	0	9	0	0	72	83
	Bogra	000	0	0	00	00	xx	02	1	136	73	0	0	9	0	0	63	80
	Dinajpur	000	0	0	00	00	xx	00	0	139	74	0	0	9	0	0	64	81
	Rangpur	000	0	0	00	00	xx	01	0	xxx	74	0	0	9	0	0	66	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	02	1	158	69	4	0	9	7	0	57	75
	Sialkot	000	0	3	00	00	97	04	0	155	69	0	0	9	0	4	52	75
Rawalpindi	Jhelum	000	8	6	00	00	96	03	1	157	67	3	0	9	3	1	53	78
	Rawalpindi	000	0	8	00	00	99	02	2	128	55	8	0	9	9	0	43	68
	Khushab	000	0	3	00	00	99	03	1	157	74	0	0	9	0	4	53	78
Multan	Lyallpur	000	0	6	00	00	96	02	0	164	72	6	0	9	0	5	53	79
	Montgomery	000	0	0	00	00	96	00	0	155	75	0	0	9	0	0	54	80
	Multan	000	0	6	05	02	97	03	0	147	76	0	2	9	3	2	53	78
Bahawalpur	Leiah	000	0	7	00	00	96	02	2	155	76	0	0	9	0	2	53	76
	Khanpur	000	0	5	05	03	96	03	0	138	77	5	0	9	4	0	58	80
	Bahawalpur	000	0	5	00	00	96	03	0	143	78	0	0	8	2	0	64	82
	Fort Abbas	000	0	0	02	02	98	00	0	134	80	0	0	9	0	0	73	89
Peshawar	Chakdara	000	0	8	13	02	96	43	1	157	57	8	6	7	x	x	47	60
	Peshawar	000	0	8	00	00	95	05	2	180	62	3	5	7	2	6	53	67
	Haripur	000	4	7	13	04	96	03	2	156	63	7	6	6	0	0	79	77
	Campbellpur	000	0	6	05	00	98	00	0	184	63	0	0	9	0	8	47	69
D. I. Khan	Bannu	000	6	8	01	00	99	02	0	152	64	8	3	9	x	x	56	70
	D. I. Khan	000	5	3	00	00	98	03	0	155	72	0	0	9	0	3	59	77
Quetta	Sibi	000	9	6	00	00	98	03	1	138	79	0	0	9	3	2	70	80
Kalat	Nokkundi	000	0	0	34	02	99	02	0	118	72	0	0	9	0	0	61	75
	Turbat	000	0	0	23	02	98	00	0	108	90	0	0	9	0	0	61	90
	Jiwani	000	0	2	23	07	98	01	1	115	80	1	2	6	4	0	67	83
	Pasni	000	0	4	20	07	98	00	0	117	81	4	0	9	4	0	71	83
	Ormara	000	0	5	18	03	98	02	1	113	80	5	2	6	0	0	71	83
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	25	10	98	01	1	118	83	0	0	9	4	1	74	86
	Karachi (Air Port)	000	0	2	18	03	96	01	1	132	80	1	0	9	3	1	67	86
	Badin	000	0	0	00	00	97	00	0	114	89	0	0	9	0	0	57	92
	Nagarparkar	000	0	0	29	02	98	00	0	106	79	0	0	9	0	0	62	81
	Umarkot	000	0	4	31	02	98	00	0	110	85	0	0	9	0	1	44	91
	Hyderabad	000	0	3	00	00	97	01	1	121	85	0	0	9	0	1	51	93
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	126	77	1	0	9	3	0	59	83
	Nawabshah	000	0	3	00	00	97	02	2	122	83	3	0	9	3	0	53	87
	Sukkur	000	0	5	07	02	96	03	2	130	80	0	0	9	0	8	52	82
	Kashmore	000	0	6	05	05	99	00	0	129	78	6	1	4	0	0	46	82
	Jacobabad	000	0	3	13	03	97	02	0	128	81	2	0	9	4	1	48	82
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	8	07	02	96	03	1	534	45	8	5	4	x	x	18	51
Peshawar	Drosh	000	8	8	00	00	97	03	2	537	51	4	5	7	2	x	38	55
	Cherat	000	0	8	18	07	97	03	1	536	53	8	6	6	0	0	39	64
	Kakul	000	8	8	31	03	98	03	2	529	55	0	0	9	4	1	35	65
	Landi Kotal	000	5	8	00	00	97	03	2	525	55	0	0	9	9	0	32	59
	Parachinar	000	8	8	13	02	99	00	0	801	49	0	1	9	0	0	44	xx
D. I. Khan	Miranshah	000	0	8	00	00	98	02	1	573	60	0	0	9	8	0	42	63
	Wana	000	0	5	16	02	99	02	1	499	57	5	0	9	4	0	41	58
	Fort Sandeman	000	0	4	02	03	97	01	0	505	60	4	0	7	4	0	42	65
Quetta	Hindubagh	000	6	7	05	04	94	03	2	492	58	0	0	9	4	2	37	62
	Loralai	000	0	7	18	02	96	02	2	369	61	4	3	6	2	0	51	65
	Harnai	000	0	0	27	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	8	00	00	90	02	0	502	61	0	0	7	7	0	51	63
	Chaman	000	0	8	27	02	96	03	2	493	63	8	7	7	0	0	20	67
Kalat	Kalat	000	0	7	23	05	97	03	2	505	55	7	4	7	0	0	34	62
	Nushki	000	0	7	31	09	98	03	0	516	65	7	8	6	0	0	27	72
	Dalbandin	000	9	7	05	02	97	03	2	503	69	3	8	7	7	0	20	71
	Panjgur	000	0	7	23	03	98	02	2	500	72	0	0	9	6	0	38	73
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility VV (25)	Present weather ww (26)	Past Weather W (27)	Sea level Pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud Nh (30)	Low Cloud Form CL (31)	Height of Lowest Cloud h (32)	Medium Cloud form CM (33)	High Cloud form CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	4	02	03	97	03	0	142	75	0	0	9	0	6	67	63
Chittagong	030	6	2	09	05	96	01	0	174	73	1	0	9	1	1	67	61
Patenga Court	000	0	0	07	09	98	03	4	170	76	0	0	9	0	0	68	61
Comilla	000	0	0	00	00	97	00	0	158	73	0	0	9	0	0	63	61
Brahmanbaria	010	0	0	05	02	97	00	0	179	75	0	0	9	0	0	68	64
Sylhet	000	0	1	09	09	97	02	0	171	73	1	0	9	8	0	60	62
Srimangal	000	0	0	00	00	97	00	0	172	74	0	0	9	0	0	63	55
Mymensingh	000	0	0	09	02	97	00	0	177	68	0	0	9	0	0	63	62
Narayanganj	000	9	0	00	00	97	05	0	176	78	0	0	9	0	0	65	64
Dacca (Tejgaon)	000	0	1	36	03	96	01	0	163	73	1	0	9	3	0	67	60
Faridpur	000	9	0	36	02	95	05	0	167	74	0	0	9	0	0	64	61
Barisal	000	0	0	00	00	97	02	0	168	74	0	0	9	0	0	68	63
Khulna	000	0	0	00	00	97	00	0	176	75	0	0	9	0	0	65	64
Satkhira	000	0	0	00	00	98	00	0	175	73	0	0	9	0	0	63	60
Jessore	000	0	0	19	02	97	00	0	173	71	0	0	9	0	0	63	59
Sirajganj	000	0	0	00	00	98	00	0	164	75	0	0	9	0	0	69	61
Bogra	000	0	0	05	02	96	02	0	177	71	0	0	9	0	0	65	63
Dinajpur	000	0	0	00	00	96	00	0	178	71	0	0	9	0		51	60
Rangpur	000	0	0	05	02	96	01	0	xxx	68	0	0	9	0	0	61	61
Jammu																	
Lahore (Jail Rd.)	000	9	7	00	00	95	13	1	202	55	3	0	9	4	6	53	51
Sialkot	000	2	5	00	00	97	03	1	208	58	4	4	6	3	0	54	53
Jhelum	000	7	7	13	02	96	03	2	205	53	5	0	9	7	7	47	51
Rawalpindi	000	0	8	09	00	96	03	2	216	49	6	0	9	9	0	46	43
Khushab	000	0	6	00	00	97	03	1	195	57	6	3	6	0	0	51	53
Lyallpur	000	0	6	00	00	95	02	0	202	55	6	0	9	2	0	53	52
Montgomery	000	0	0	00	00	96	00	0	195	57	0	0	9	0	0	52	54
Multan	000	0	4	36	02	97	03	0	234	60	0	0	9	0	2	51	58
Leiah	000	0	8	31	02	95	03	2	198	55	4	0	8	8	9	52	50
Khanpur	000	0	1	02	05	96	03	0	187	59	1	0	9	1	0	54	53
Bahawalpur	000	0	4	09	02	97	03	0	196	64	0	0	9	0	3	54	57
Fort Abbas	000	0	0	07	02	98	00	0	209	60	0	0	9	0	0	51	xx
Chakdara	000	0	8	00	00	96	03	2	203	50	8	0	8	5	x	39	41
Peshawar	000	0	8	13	02	97	02	2	213	59	3	5	7	2	1	45	52
Haripur	000	3	7	23	04	96	03	2	193	51	7	6	6	0	0	39	4[illegible]
Campbellpur	000	9	8	08	02	97	22	2	245	50	7	4	9	0	0	48	50
Bannu	000	0	8	34	01	98	03	2	197	57	8	5	6	x	x	50	51
D. I. Khan	030	3	6	00	00	98	02	1	203	58	6	0	9	6	0	53	56
Sibi	000	0	0	31	02	98	00	0	191	61	0	0	9	0	0	54	57
Nokkundi	000	0	0	05	02	99	02	0	196	50	0	0	9	0		29	48
Turbat	000	0	0	09	02	97	00	0	168	65	0	0	9	0	0	58	xx
Jiwani	000	0	5	13	02	96	03		160	72	3	5	5	4	0	67	69
Pasni	000	0	1	31	02	98	03		161	67	1	2	7	0	0	65	66
Ormara	000	0	0	00	00	98	00		158	68	0	0	9	0	0	63	64
Las Bela																	
Karachi (Manora)	000	0	0	05	10	97	02	0	170	68	0	0	9	0	0	44	65
Karachi (Air Port)	000	0	0	00	00	94	02	0	169	61	0	0	9	0	0	54	57
Badin	000	0	0	00	00	96	00	0	158	65	0	0	9	0	0	58	60
Nagarparkar	000	0	0	34	02	98	00	0	169	66	0	0	9	0	0	5[illegible]	65
Umarkot	000	0	0	36	02	98	00	0	158	59	0	0	9	0	0	49	57
Hyderabad	000	0	0	36	05	96	10	0	175	63	0	0	9	0	0	57	62
Pad-i-dan	000	0	0	34	05	97	02	0	187	60		0	9	0	0	53	53
Nawabshah	000	0	0	31	07	96	02	0	180	59	0	0	9	0	0	43	50
Sukkur	000	9	3	02	05	96	01	1	178	64	0	0	9	0	3	51	56
Kashmore	000	0	2	05	07	99	09	0	183	66	2	1	7	0	0	41	59
Jacobabad	000	0	2	31	02	98	02	0	186	63	2	0	9	3	0	52	59
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	9	8	11	02	96	03	1	554	45	8	5	4	x	x	20	41
Drosh	018	6	8	00	00	96	60	6	579	41	8	5	6	x	x	39	54
Cherat	030	0	1	18	07	97	03	0	554	52	8	6	6	x	x	31	51
Kakul	000	9	8	05	3	98	03	2	547	51	5	5	7	4	1	31	47
Landi Kotal	006	2	8	23	01	97	21	6	548	51	8	[illegible]	9	7	x	38	40
Parachinar	025	0	7	00	00	99	01	2	801	43	1	1	9	1	1	40	xx
Miranshah	030	0	8	05	02	98	03	0	532	53	6	2	7	2	x	43	45
Wana																	
Fort Sandeman	010	4	4	00	00	97	01	6	558	49	4	5	6	0	0	45	47
Hindubagh	000	2	1	00	00	98	01	5	532	41	0	0	9	0	0	26	40
Loralai	000	0	3	27	02	97	01	2	329	46	3	2	8	0	0	44	41
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	002	9	2	13	03	94	02	2	545	49	2	0	8	3	0	37	42
Chaman	000	0	0	09	02	96	00	0	535	48	0	0	9	0	0	37	47
Kalat	000	0	0	16	09	97	01	1	553	42	1	1	7	0	0	36	38
Nushki	000	0	1	09	02	98	01	0	582	58	1	0	9	4	0	39	49
Dalbandin	000	8	0	05	03	97	02	1	5.8	53	0	0	9	0	0	27	42
Panjgur	000	0	0	05	02	98	00	0	523	57	0	0	9	0	0	29	49
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	− 1	− 2	0	− 3.1	141.1	147
Chittagong	+ 1	− 2	0	− 2.0	142.0	108
Patenga Court	0	− 3	0	− 1.4	144.7	115
Comilla	0	0	0	− 1.2	107.7	94
Brahmanbaria	−	−	0	− 1.0	87.2	76
Sylhet	−	−	0	−	193.9	—
Srimangal	0	− 2	0	− 1.4	109.4	96
Mymensingh	+ 1	− 1	0	− 0.9	113.3	91
Narayanganj	+ 2	0	0	− 0.9	103.9	74
Dacca (Tejgaon)	−	−	0	−	103.6	—
Faridpur	+ 8	− 1	0	− 1.1	116.7	71
Barisal	− 1	0	0	− 1.5	140.5	81
Khulna	0	+ 3	0	− 1.1	112.8	68
Satkhira	− 2	+ 1	0	− 0.7	82.1	65
Jessore	− 1	− 2	0	− 0.9	105.8	65
Sirajganj	+ 2	0	0	− 3.3	107.7	64
Bogra	− 1	+ 2	0	− 1.7	104.4	69
Dinajpur	0	+ 1	0	− 0.4	46.9	72
Rangpur	+ 1	+ 1	0	0.4	164.4	84
Jammu						—
Lahore (Jail Rd.)	− 5	+ 6	1.1	+ 1.1	27.1	19
Sialkot	− 2	+ 6	3.1	+ 3.0	61.8	33
Jhelum	−	−	3.4	−	53.5	—
Rawalpindi	− 6	+ 1	3.2	+ 3.0	55.3	36
Khushab	− 2	+ 6	1.1	+ 1.0	26.5	15
Lyallpur	+ 1	+ 6	0.4	+ 0.3	8.6	12
Montgomery	0	+ 5	0.1	+ 0.1	8.5	10
Multan	− 2	+ 9	0.1	+ 1.3	8.3	7
Leiah	−	−	2.5	−	7.0	8
Khanpur	− 3	+ 4	0	0	1.4	6
Bahawalpur	+ 1	+ 9	0.1	+ 0.1	6.6	6
Fort Abbas	−	−	1.0	−	10.2	4
Chakdara	−	−	5.4	−	31.9	—
Peshawar	− 6	+ 6	5.5	+ 4.9	28.5	14
Haripur	−	−	4.0	−	35.2	—
Campbellpur	−	−	3.1	−	39.1	—
Bannu	−	−	2.4	−	15.2	11
D. I. Khan	− 2	+ 10	1.6	+ 1.5	16.5	10
Sibi	−	−	4.0		9.2	5
Nokkundi	−	−	0.5	0	1.6	2
Turbat	−	−	0.6	−	7.9	—
Jiwani	−	−	0.8	−	7.5	4
Pasni	+ 1	+ 9	0.3	+ 0.1	3.4	4
Ormara	—	—	2.7	+ 2.7	6.8	6
Las Bela						8
Karachi (Manora)	+ 4	+ 1	1.6	+ 1.5	18.1	8
Karachi (Air Port)	−	−	3.3	−	26.1	—
Badin	+ 5	+ 2	0.4	+ 0.2	11.5	9
Nagarparkar	−	−	0	−	30.5	—
Umarkot	−	−	0.5		20.8	—
Hyderabad	+ 5	+ 5	0.5	+ 0.5	15.9	7
Pad-i-dan	−	−	0.3	−	7.9	—
Nawabshah	−	−	0.3	−	7.5	—
Sukkur	−	−	0.8	−	5.3	4
Kashmore	−	−	1.3	−	3.4	—
Jacobabad	0	+ 7	0.3	+ 0.3	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	− 3	+ 1	4.2	+ 3.6	87.6	59
Drosh	− 7	+ 12	3.6	−	34.2	18
Cherat	+ 1	+ 4	5.7	+ 5.4	37.1	49
Kakul	−	−	4.4	−	59.4	—
Landi Kotal	−	−	3.9	−	32.8	—
Parachinar	−	−	5.6	−	33.7	29
Miranshah	−	−	1.1	+ 1.1	8.1	13
Wana	−	−				—
Fort Sandeman	+ 2	+ 10	4.8	+ 4.8	20.8	11
Hindubagh	−	−	3.2	−	16.0	—
Loralai	−	−	4.3	−	17.3	—
Harnai	−	−	5.9	+ 5.7	18.7	14
Quetta	+ 2	+ 9	1.6	+ 1.5	11.1	8
Chaman	+ 1	+ 6	0.4	+ 0.4	6.7	7
Kalat	+ [illegible]	+ 9	1.4	+ 1.3	12.1	9
Nushki	−	−	0.6	−	3.9	—
Dalbandin	0	+ 6	0.2	+ 0.2	27.4	5
Panjgur	+ 2	+ 8	0.1	−	4.2	4
Kabul						12
Kandahar						—

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 NOVEMBER, 1959

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	0 $T_sT_sP_wT_w$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Darima	33 223	697 00	0 05 05	99 02 0	118 79	00 9 00	35 40 0	—		
Karanja	33 165	636 00	1 04 07	98 02 0	115 79	12 5 00		—	0 00 00	1 04 31
Bagdad	33 155	528 06	5 07 05	99 02 1	160 79	52 6 00	54 21 0	—	—	1 07 x0
Presidente [illegible]	33 206	607 06	0 23 08	99 00 00	152 76	00 9 00	57 12 0	—	0 55 64	1 00 00
[illegible]	33 219	681 06	0 05 12	99 02 0	152 79	00 9 00	36 40 0	—	0 51 67	1 05 32
Caisar Edinburg	33 234	594 06	1 18 02	98 02 0	155 80	00 9 04	35 10 19	—	0 01 [illegible]	1 10 00
Iridina	33 256	534 06	2 28 15	99 02 0	115 79	22 4 00	76 10 9	—	0 52 68	1 28 22
Dondar	33 227	597 06	1 00 00	99 02 0	107 79	10 [illegible] 04	75 40 0	—	0 00 75	1 07 xx
Dalila	33 148	511 09	0 10 07	98 02 0	124 62	00 9 00	56 73 0	—	0 04 73	2 10 120
[illegible]	33 154	823 09	1 07 05	99 02 0	149 79	11 6 00	54 52 0	—	0 00 72	1 08 x2
Cilicia	33 198	715 12	0 40 13	98 02 0	182 79	00 9 00	75 40 0	—	0 00 78	1 30 32
Dalila	33 145	503 12	1 10 08	98 02 0	105 81	12 5 00	56 71 6	—	0 02 75	1 10 x0
British Reliance	33 167	573 12	0 03 09	99 03 0	117 78	00 9 00	...	—	...	...
Karanja	33 195	640 12	0 02 09	99 02 0	115 79	00 9 00		—	0 51 64	1 08 31
Dalila	33 161	445 13	0 10 09	98 02 0	120 79	00 9 00	56 21 8	—	0 00 72	1 10 x0
Donda	33 247	500 18	0 31 05	98 02 0	099 77	00 9 00	75 10 6	—	0 53 73	1 31 xx
Karanja	33 210	454 18	0 04 07	99 02 0	146 77	00 9 00	88 10 4	...	0 51 68	1 06 32
Dalila	33 139	409 18	0 12 04	97 02 0	134 77	00 9 00	58 02 4	...	0 51 73	1 12 x0
[illegible]	33 153	568 18	0 04 09	98 01 0	144 79	00 9 00	68 20 4	...	0 53 76	1 xx xx
Golida	33 211	699 18	0 31 05	98 02 0	130 78	00 9 00	75 40 0	—	0 51 77	1 31 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT T_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	014 175 135	121 192 152	...	146 158 999	—	312 072 999	438 012 999	582 585 999	751 680 999	958 895	234 030	—	...
Jiwani														
Karachi	00 00	012 148 102	122 121 155	..	150 165 548	..	313 050 999	436 530 999	578 605 999	747 715 999	958 850	227 093	413 20x	...
Lahore														
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 142 102	883 142 092	...	—	..	...	...	...	..	883 142 092	...	..
Jiwani													
Karachi	00 00	987 222 032	940 232 512	900 190 552	800 112 682	—	—	—	—	—	880 118 548	—	—
Lahore													
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

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	9.7
	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	07 06	07 07	07 08	07 14	..	—	—	...	—	07 07	07 06	07 08	08 15	24 06	25 11	09 06	08 09	08 11	07 10	08 04	26 12	25 24	26 34	26 41	—	...
Chaklala	..	22 14	33 05	32 02	21 02	24 04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	..	..	..	—
Chhor	26 07	29 02	18 31	08 03	12 06	10 26	25 01	..	..	32 03	01 04	01 02	11 02	16 04	28 07	..		..	—		—					
Chittagong	12 09	19 10	19 12	17 10	16 08	—	...	...	..	02 99	36 04	27 03	16 08	23 06	23 07	20 01	29 01	19 01	18 03	14 07	17 07	26 13	26 19	25 [illegible]	25 29	25 29
Cox's Bazar	01 06	16 01	19 05	16 06	18 03		—	—	...	01 08	35 05	02 02	19 16	25 02	26 07	—	—		—	—	—	—	—	...	...	...
Dacca	33 02	03 02	36 03	31 04	25 12	25 10	—	—	...	03 06	02 05	05 04	24 05	23 08	25 19											
Dalbandin	...	—	30 01	05 02	22 12	22 20	22 19	22 26	23 31	—	—	08 10	18 07	24 06	24 15	..	—	07 08	17 10	21 14	21 14	27 07	26 14	27 19	27 31	29 48
D. I. Khan	..	—	—					..	...	—	—	—	—	—	—	..	—	—	—	...	—	—	—		—	...
Drosh	—	—	—		20 02	25 01	32 01	—	...	No	Ascent	—	—	—	—	No	Ascent	—	—	—	—	—	—		..	
Fort Sandeman	—	—	—	03 09	02 04	19 12	24 15	23 21	25 19	—	—	..	11 03	24 07	23 10	..	..	—	29 02	20 11	27 11	25 16	26 21	28 19	28 25	31 46
Jacobabad	07 06	11 07	12 09	17 13	20 11	22 10	23 10	26 15	—	02 05	07 12	14 07	20 06	22 11	22 07	34 07	03 05	08 06	17 04	20 05	24 09	29 20	30 27	28 38	—	..
Jessore	04 06	06 07	05 05	27 05	25 08	27 11	...	—	—	04 03	04 09	03 07	29 04	27 03	26 15	04 10	01 04	35 04	04 02	35 03	18 13	—	..	..	..	—
Jhelum	32 02	32 04	33 05	35 03	22 02	18 03	23 06	21 10	—	34 05	32 19	27 07	29 03	31 07	25 04	32 04	20 07	18 05	27 01	26 02	17 06	26 08	23 10	25 13	...	..
Jiwani	25 11	26 11	26 10	27 10	27 13	28 15	27 25	27 34	27 36	06 01	17 04	19 05	20 05	...	..	—		..	—	—	—	—	—	—	—	...
Karachi	23 08	22 07	23 04	17 02	09 02	33 03	27 13	26 27	26 33	04 06	04 05	07 05	10 08	19 08	27 08	05 12	07 07	10 08	14 09	15 08	02 04	28 17	28 25	27 21	26 41	
Khanpur	02 07	07 03	16 02	23 05	19 07	18 07	22 10	25 09	23 27	03 11	07 13	10 13	11 07	10 14	14 05	03 13	03 13	05 09	10 06	13 04	34 05	24 24	26 15	27 21	28 44	27 49
Lahore	35 02	33 03	31 03	25 03	11 01	23 05	23 08	24 12	25 15	01 05	33 03	38 04	29 05	32 08	25 05	32 01	33 01	33 04	31 03	31 08	25 05	23 11	24 16	25 19	24 25	25 66
Multan	03 08	05 08	12 04	24 05	25 11	25 11	23 13	—	..	08 10	07 09	05 07	16 07	21 08	23 12	03 07	04 07	05 05	19 08	22 08	23 07	24 19	25 18	25 22	28 39	..
Muscat	—	—	—	—	—	—	..	—	—	—	—	—	—	—	..	—	—	—	—	—	—	—	—	...	..	...
Panjgur	—	—	—	—	—	—	—	..	..	—			..	..	—	—	—	—	..		—	..	..	...	...	...
Peshawar	..	35 04	30 09	30 03	24 04	18 13	..	..	..	—	31 06	32 12	34 07	35 04	17 11	—	33 19	33 18	33 06	34 03	16 17	...	..	..	..	...
Quetta	—	..	—	—	21 13	21 07	25 10	24 23	—	..	..	—	—	19 06	24 17	—	—	—		17 08	22 13	27 07	28 11	29 18	29 31	..
Sheikh	—	—	—	—	—	—	—	—	..	...	..	..	—	—	—			—							..	—
Sylhet	11 07	21 10	11 12	12 12	09 11	25 15	25 20	25 21	..	06 15	06 09	10 08	24 04	36 10	24 23	12 05	12 10	10 11	07 18	24 03	24 13	27 30	26 35	26 38	..	—
Vargave	...	—	—	—	—	—	...	—	—	—	—	...	..		—	—	...	..	—			—	—	..	..	—

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 Km. a.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.x	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	02 05	05 04	24 15	23 08	25 19	27 23	26 33	27 37	27 41	26 58	24 57	27 43	—	...	—	—	...
Karachi	02 07	07 06	10 07	12 09	12 06	26 06	27 22	28 25	26 40	25 56	25 67	25 85	27 03	—	...	—	—	...
Peshawar	Miada	..	...	—	...			...	..	—	...	—	...		...			...
Quetta																		

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

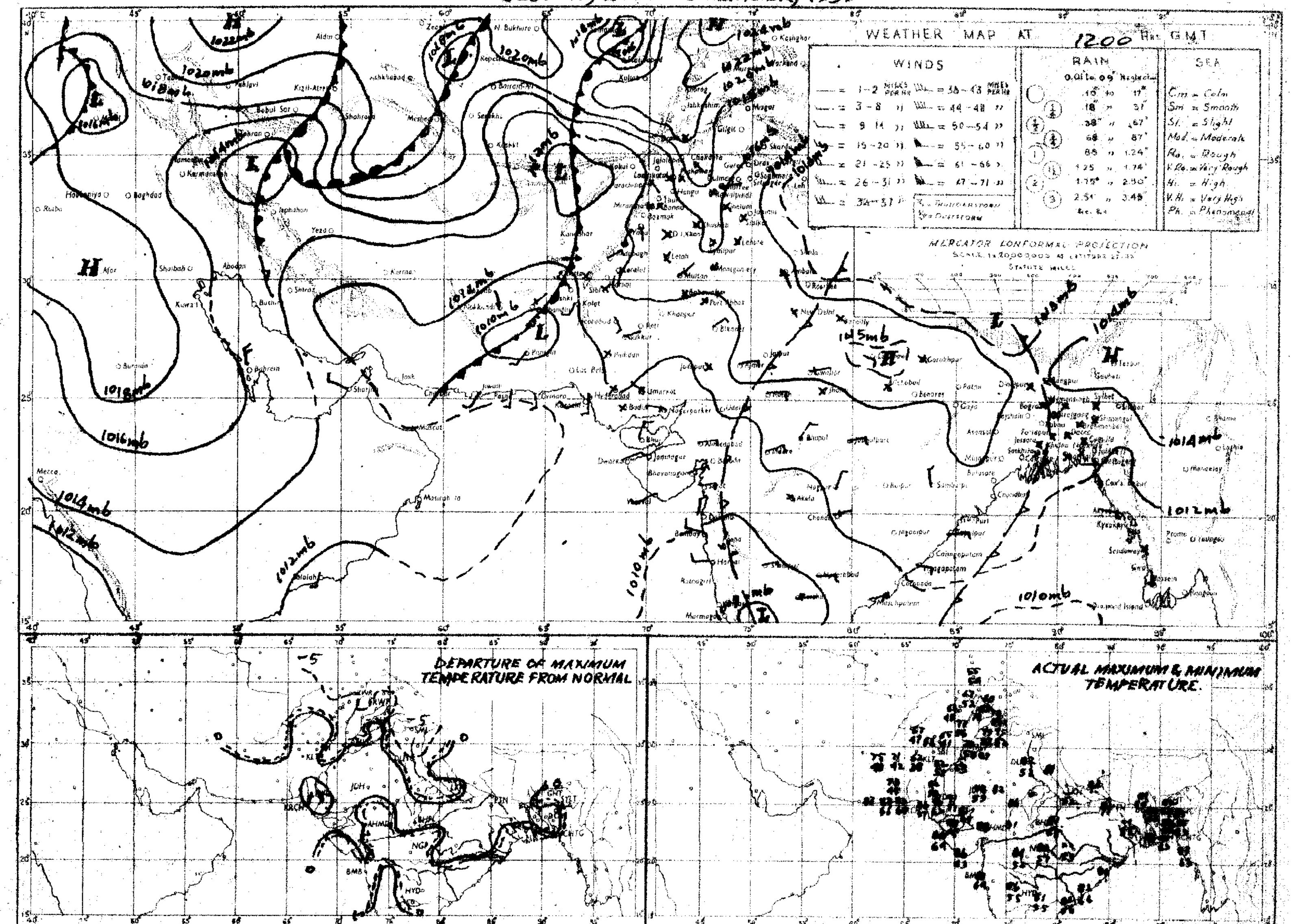
Cloud observation Data (GGiii Cdd V,V, etc.)

06 530 61 713

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 NOVEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 4 hours.

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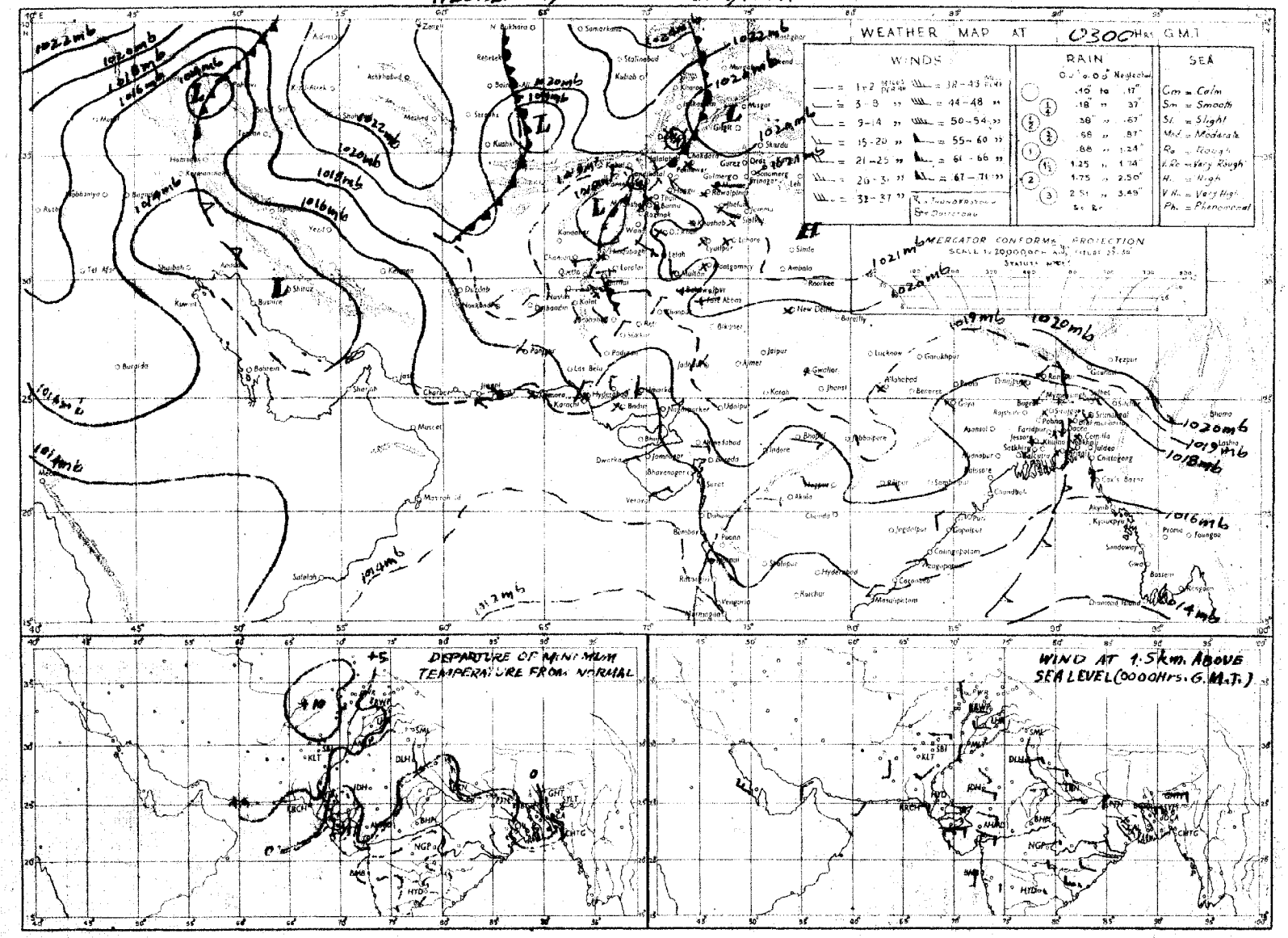
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 25th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 26th NOVEMBER, 1959.

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

Yesterday's western disturbance over D. I. Khan division moved away north-eastwards.

A fresh western disturbance is moving across Afghanistan with its secondary lying over southeast Iran and adjoining areas.

Scattered light rain/drizzle has fallen in Peshawar and D. I. Khan divisions. Drosh has recorded ¼" of rainfall.

Night temperatures were:- 4—10 °F above normal in West Pakistan oustide Peshawar division and the Federal Capital Area and were 2—4 °F so in Rajshahi division.

Forecast valid until the evening of 27th November, 1959. rain/thundershowers will be local in north Kalat, Quetta, D. I. Khan, and Peshawar divisions and scattered in South Kalat, Rawalpindi and Lahore divisions and Kashmir.

Karachi-11
The 26th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past Weather (W)	Sea level Pressure (mbs. and tenths) (PPP)	Dry bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud Form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TaTa)	Departure from Normal of Maximum Temperature (Txtx)	Departure from Normal of Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	29	02	95	01	0	135	77	0	0	9	0	6	64	76	000	0	4	36	03	97	03	0	173	74	0	0	9	0	6	68	64	+ 2	0	0	− 3.1	141.1	14[illegible]
	Chittagong	000	0	1	27	05	xx	02	1	139	74	0	0	9	0	2	64	74	000	0	2	02	03	96	03	1	176	73	2	0	9	2	1	66	61	+ 2	− 1	0	− 2.1	142.0	[illegible]
	Maijdee Court	000	9	9	00	00	xx	10	0	137	73	9	x	0	x	x	70	82	000	9	0	00	00	98	00	4	176	71	0	0	9	0	0	65	61	− 0	− 1	0	− 1.5	144.7	135
	Comilla	000	0	0	00	00	94	00	0	139	76	0	0	9	0	0	67	86	000	0	0	00	00	97	00	0	168	74	0	0	9	0	0	66	61	+ 3	+ 1	0	− 1.2	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	137	76	0	0	9	0	0	71	84	000	0	0	00	00	97	03	1	178	75	1	1	5	0	7	69	62	—	—	0	− 1.0	85.2	74
	Sylhet	000	0	0	00	00	xx	01	0	135	73	0	0	9	0	0	63	82	000	0	1	09	05	97	02	0	178	71	1	0	9	7	0	58	60	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	136	71	0	0	9	0	0	66	85	000	0	0	00	00	96	00	0	179	72	0	0	9	0	0	64	55	+ 1	0	0	− 1.4	109.4	[illegible]
Dacca	Mymensingh	000	0	0	00	00	97	00	0	145	77	0	0	9	0	0	64	85	000	0	1	0	02	97	00	0	187	73	0	0	9	0	0	64	61	+ 2	0	0	− 0.9	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	0	135	77	0	0	9	0	0	64	85	000	9	1	00	00	96	01	4	175	76	1	0	9	3	0	67	64	+ 3	+ 2	0	− 0.9	103.9	74
	Dacca (Tejgaon)	000	0	0	00	00	97	01	0	133	75	0	0	9	0	0	63	84	000	0	1	00	00	97	02	0	171	74	0	0	9	0	1	66	60	—	—	0	—	103.6	—
	Faridpur	000	9	0	00	00	95	05	0	132	75	0	0	9	0	0	65	82	000	9	1	00	02	95	05	0	171	73	0	0	9	0	1	55	61	+ 1	+ 2	0	− 1.1	116.7	71
	Barisal	000	0	0	00	00	95	02	1	126	75	0	0	9	0	0	69	81	000	9	0	00	00	97	02	4	170	72	0	0	9	0	0	67	62	− 1	+ 1	0	− 1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	141	76	0	0	9	0	0	65	82	000	0	0	00	00	97	00	0	178	77	0	0	9	0	0	66	63	—	0	+ 4	0	− 1.1	112.8	68
	Satkhira	000	0	0	00	00	98	00	0	151	74	0	0	9	0	0	66	83	000	0	0	00	00	98	00	0	179	72	0	0	9	0	0	64	61	—	+ 4	0	− 0.7	82.1	65
	Jessore	000	0	0	36	02	97	00	0	138	76	0	0	9	0	0	63	83	000	0	0	03	02	97	00	0	176	72	0	0	9	0	0	66	60	+ 1	—	0	− 0.9	105.8	65
	Sirajganj	000	0	6	00	00	91	02	2	117	74	6	0	9	5	0	69	83	000	0	0	00	00	98	00	0	172	74	0	0	9	0	0	66	61	+ 2	—	0	− 0.7	107.7	64
	Bogra	000	0	0	00	00	xx	00	0	142	72	0	0	9	0	0	65	82	000	0	0	09	02	96	02	0	183	68	0	0	9	0	0	64	61	+ 1	+ 2	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	143	74	0	0	9	0	0	66	83	000	0	0	00	00	96	00	0	183	70	0	0	9	0	0	60	60	+ 2	+ 3	0	− 0.4	66.9	72
	Rangpur	000	0	0	00	00	96	01	0	xxx	76	0	0	9	0	0	65	82	000	0	0	05	02	96	01	0	xxx	66	0	0	9	0	0	59	58	+ 1	+ 1	0	− 0.4	192.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	0	00	00	96	02	1	194	69	0	0	9	0	0	51	75	000	0	0	00	00	96	10	0	219	55	0	0	9	0	0	49	50	− 5	+ 7	1.1	+ 1.1	27.1	19
	Sialkot	000	0	1	00	00	97	01	0	196	70	0	0	9	0	3	56	73	000	0	0	00	00	97	01	0	213	56	0	0	9	0	0	48	50	− 4	+ 4	3.1	+ 3.0	61.8	32
Rawalpindi	Jhelum	000	8	2	31	05	96	02	1	196	65	0	0	9	0	1	45	72																							—
	Rawalpindi	000	0	6	00	00	99	02	2	210	60	6	0	9	5	0	48	68	000	0	5	00	00	98	03	1	236	46	2	0	9	4	4	45	44	− 6	+ 3	3.2	+ 3.0	55.5	36
	Khushab	000	0	4	00	00	99	03	1	183	72	4	3	6	0	0	48	77	000	0	0	18	02	99	00	0	213	53	0	0	9	0	0	47	48	− 3	+ 2	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	0	36	02	96	00	0	187	72	0	0	9	0	0	51	75	000	0	0	00	00	96	00	0	216	51	0	0	9	0	0	49	51	− 3	+ 6	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	23	02	96	00	0	182	73	0	0	9	0	0	54	77	000	0	0	00	00	96	00	0	27	54	0	0	9	0	0	51	48	− 3	+ 3	0.1	+ 0.1	8.5	10
	Multan	000	0	2	36	03	97	01	0	182	75	0	0	9	0	1	54	77	000	0	1	36	02	97	01	0	236	58	0	0	9	0	1	46	54	− 3	+ 7	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	xx	xx	98	04	1	195	xx	0	0	9	0	0	49	76	000	0	2	00	00	96	01	2	229	52	2	0	9	1	0	59	46	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	02	03	96	01	0	169	77	0	0	9	0	0	58	80	000	0	1	02	03	96	03	0	224	59	0	0	9	0	1	51	54	− 3	+ 7	0	− 0.1	1.4	6
	Bahawalpur																		000	0	0	00	00	97	00	0	235	59	0	0	9	0	0	53	53	—	+ 4	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	164	79	0	0	9	0	0	54	87	000	0	0	07	02	98	00	0	225	60	0	0	9	0	0	53	86	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	7	05	03	97	01	1	208	58	7	0	8	7	1	44	60	000	0	8	00	00	96	03	1	246	45	8	0	8	6	x	38	43	—	—	5.4	—	31.9	—
	Peshawar	000	8	5	00	00	98	01	5	223	64	1	6	9	3	1	52	67	000	0	6	23	03	97	03	1	237	50	0	0	9	0	2	46	46	− 6	+ 1	5.0	+ 4.8	28.5	14
	Peshawar	000	5	7	12	06	96	03	5	192	59	7	6	6	0	0	49	64	000	3	4	23	04	97	03	1	236	50	2	0	9	0	6	39	43	—	—	4.0	—	35.2	—
	Peshawar	001	5	6	05	00	97	01	5	241	59	6	0	9	5	0	51	61	001	0	0	00	00	98	00	0	256	45	0	0	9	0	0	44	44	—	—	3.2	—	39.1	—
D. I. Khan	Bannu	006	8	3	02	01	99	01	6	201	65	3	4	6	0	0	49	69	000	2	3	00	00	99	02	0	225	51	3	0	9	8	0	48	50	—	—	2.4	—	15.2	11
	D. I. Khan	000	6	2	00	00	98	03	0	197	69	9	0	9	0	2	53	76	000	3	6	00	00	98	02	1	222	58	6	0	9	6	0	53	54	− 3	+ 10	1.6	+ 1.5	16.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	170	83	0	0	9	0	0	49	84	000	2	6	05	02	99	03	1	237	59	4	0	9	3		49	58	—	—	4.0		9.2	
	Nokkundi	000	0	0	13	02	99	02	0	109	77	0	0	9	0	0	41	77	000	0	0	13	02	98	02	0	163	61	0	0	9	0	0	38	50	—	—	0.5	—	1.6	2
Kalat	Turbat	000	0	0	13	03	98	00	0	142	85	0	0	9	0	0	64	89	000	0	0	09	02	97	00	0	188	63	0	0	9	0	0	55	xx	—	—	0.6	—	7.9	—
	Jiwani	000	0	1	13	09	97	01	2	139	70	1	0	9	3	0	65	81	000	0	1	13	07	97	02	0	163	74	1	0	9	4	0	66	70	—	—	0.8	—	7.5	4
	Pasni	000	0	1	11	14	98	00	0	144	78	1	1	7	0	0	72	80	000	0	4	02	05	98	02	1	186	73	1	2	7	7	0	68	66	− 2	+ 9	0.3	+ 0.1	3.4	4
	Ormara	000	0	2	13	05	98	01	1	150	79	2	2	8	0	0	70	82	000	0	5	00	00	98	02	1	175	66	5	0	9	2	0	59	62	—	—	2.7	+ 2.7	6.8	6
	Las Bela																																								8
Karachi-Hyderabad	Karachi (Manora)	000	0	8	27	12	98	02	0	147	82	0	0	9	0	0	73	85	000	0	5	05	14	97	03	2	184	63	0	0	9	0	4	33	60	+ 3	− 3	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	7	07	02	96	02	0	142	86	0	0	9	0	0	44	89	000	0	2	05	02	96	03	0	188	69	0	0	9	0	1	51	62	—	—	3.3	—	26.4	—
	Badin	000	0	0	00	00	97	00	0	149	85	0	0	9	0	0	54	86	000	0	0	23	02	96	00	0	179	62	0	0	9	0	0	58	58	− 1	+ 2	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	135	75	0	0	9	0	0	65	76	000	0	0	31	02	98	00	0	188	66	0	0	9	0	0	60	63	—	—	0	—	30.5	—
	Umarkot	000	0	0	31	03	98	00	0	136	84	0	0	9	0	0	50	86	000	0	2	00	00	98	00	0	188	60	2	0	9	4	0	38	53	—	—	0.5	—	20.8	—
	Hyderabad	000	0	3	36	05	96	06	0	157	79	0	0	9	0	0	59	82	000	0	4	36	05	96	10	0	201	63	0	0	9	0	8	55	61	+ 3	+ 6	0.5	+ 0.5	15.9	7
Khairpur	Padidan	000	0	0	05	07	97	02	0	163	78	0	0	9	0	0	51	81	000	0	2	36	07	97	03	0	217	60	0	0	9	0	4	54	55	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	36	10	97	02	0	167	80	0	0	9	0	0	49	81	000	0	3	31	07	96	03	0	218	59	0	0	9	0	1	54	55	—	—	0.3	—	7.5	—
	Sukkur	000	6	0	02	02	94	05	4	180	78	0	0	9	0	0	55	80	000	9	6	02	03	96	03	2	216	61	0	0	9	0	8	52	59	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	05	03	99	00	0	182	79	0	0	9	0	0	54	82	000	0	4	05	02	99	03	0	225	65	4	1	6	0	0	49	59	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	05	03	98	02	0	169	81	0	0	9	0	0	44	83	000	0	4	00	00	98	03	0	225	63	2	0	9	3	1	51	59	+ 1	+ 9	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Islamabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								—
	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Miagar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	9	7	07	07	96	02	2	554	44	5	5	5	5	0	27	49	000	9	4	02	09	97	01	1	561	48	0	0	9	0	4	23	42	− 5	+ 4	4.2	+ 3.6	82.6	59
Peshawar	Drosh	029	8	7	00	00	96	01	6	575	46	7	6	6	3	0	38	48	029	9	8	00	00	97	03	2	595	41	8	0	9	2	x	35	40	− 14	− 1	3.9	—	34.5	18
	Chitral	000	3	7	05	07	97	03	5	559	49	7	6	6	0	0	39	52	000	0	4	36	10	96	03	1	563	52	0	0	9	0	4	43	48	− 11	+ 2	5.7	+ 5.4	37.1	29
	Kakul	000	8	3	29	12	97	20	2	555	51	6	5	7	3	1	39	60	000	9	7	07	02	98	03	1	558	49	4	0	9	4	8	35	44	—	—	4.4	—	58.4	—
	Landi Kotal	000	0	3	00	00	98	01	2	561	55	0	0	9	3	0	41	55	000	0	7	00	00	98	03	1	551	45	3	0	9	2	5	38	42	—	—	3.9	—	32.8	—
D. I. Khan	Parachinar	000	0	5	11	02	99	02	1	801	49	0	1	9	1	0	42	xx	000	0	5	00	00	99	01	1	801	43	5	0	9	1	0	33	xx	—	—	5.6	—	33.7	29
	Miranshah	000	0	6	00	00	99	03	2	540	60	4	2	7	2	0	42	64	000	0	5	00	00	99	03	2	537	50	4	2	7	2	0	46	46	—	—	1.1	+ 1.1	8.1	13
	Wana																		000	0	7	23	02	99	10	2	545	47	7	3	7	0	0	42	45	—	—	1.1	—	15.2	—
Quetta	Fort Sandeman	000	0	3	23	02	98	01	0	544	64	3	0	7	7	0	43	66	000	0	3	16	02	97	03	1	653	46	3	0	9	8	0	42	44	− 1	+ 9	4.8	+ 4.7	20.8	11
	Hindubagh	000	0	6	07	06	95	03	2	506	56	0	0	9	4	2	38	62	000	2	3	31	02	96	03	0	541	42	2	0	9	3	3	28	41	—	—	3.3	—	16.0	—
	Loralai	000	0	4	13	03	96	01	1	339	60	4	3	6	0	0	42	65	000	0	7	27	02	96	02	2	306	44	4	3	6	2	0	42	xx	—	—	4.3	—	17.3	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.7	18.7	14
	Quetta	000	0	3	00	00	94	02	0	516	61	5	9	7	0	0	49	63	000	0	7	18	03	96	03	1	556	50	3	1	7	7	0	38	40	+ 2	—	1.6	+ 1.5	11.1	8
	Chaman	000	0	3	18	02	96	01	2	488	48	3	2	8	0	0	21	70	000	3	7	18	03	95	03	2	540	58	7	7	6	6	0	37	47	+ 4	+ 7	0.4	+ 0.3	6.7	7
Kalat	Kalat	000	0	4	16	10	97	02	1	525	55	4	1	7	0	0	39	61	000	0	7	18	10	97	03	2	559	45	7	4	7	0	0	35	39	—	+ 11	1.1	+ 0.9	13.0	9
	Nushki	000	0	1	31	09	98	01	0	570	73	1	0	9	4	0	40	76	000	0	7	09	09	97	03	0	557	60	7	6	6	0	0	45	41	—	—	0.6	—	3.5	—
Afghanistan	Dalbandin	000	0	0	18	05	97	02	0	516	74	0	0	9	0	0	32	77	000	9	7	18	05	96	03	1	532	62	1	5	7	7	0	35	51	+ 6	+ 20	0.2	+ 0.1	2.4	5
	Panjgur	000	0	2	23	03	98	03	1	518	74	2	0	9	4	0	39	74	000	0	4	00	00	98	03	1	526	54	4	0	9	6	0	34	51	+ 3	+ 11	0.1	—	4.2	4
	Kabul																																								12
	Kandahar																																								—

Given Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 26th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	I_d d_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mozaffari ... — ...	43 150	556 00	5 04 09	99 03 1	124 77	52 6 00	64 20 5	—	0 54 70	1 xx xx
Karanja	43 225	660 09	1 02 07	99 02 0	135 79	00 9 01	85 40 0	...	0 51 66	1 02 21
Celecia	43 232	687 00	1 08 09	98 02 0	129 77	19 6 00	75 20 2	...	0 00 74	1 08 22
Silverdale	43 227	611 06	5 13 02	98 02 2	173 78	51 4 00	34 23 2	...	0 53 71	1 03 20
Karanja	43 240	666 06	1 03 09	99 02 0	178 75	00 9 01	85 12 0	...	0 58 64	1 03 22
British Reliance	43 215	595 12	3 14 05	99 03 0	138 80	31 5 00	—	..	—	—
Silverdale	43 218	622 12	1 90 02	98 02 0	138 78	11 5 00	34 60 5	..	0 54 71	1 00 xx
Laider Kerk	43 153	533 12	3 06 09	98 03 0	111 81	31 5 00	16 51 3	...	0 02 73	1 06 21
Darema	43 262	567 18	3 19 09	99 13 0	145 79	33 4 0	5 21 0	—	0 01 08	1 20 13

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	114 162 142	125 225 999	...	150 158 999	—	313 085 999	439 025 999	583 585 999	753 695 999	962 812	238 012	418 162	...
Jiwani ...														
Karachi ...	00 00	013 205 095	136 212 082	..	150 162 538	..	315 028 635	438 522 752	580 602 999	749 725 999	952 108	—	—	—
Lahore ...														
Multan ...														
Peshawar ...	00 00	979 102 068	...	...	157 125 092	...	312 012 532	434 555 608	575 648 999	741 768 999	...	—	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	..	...	...	...	..	xxxxxxxxx	...	..
Jiwani ...													
Karachi ...	00 00	942 225 032	900 202 002	800 112 568	—	—	—	—	...	...	800 112 568	—	...
Lahore —													
Multan —													
Peshawar —	00 00	900 152 118	800 082 052	364 810 999	...	...	—	—	...	—	364 810 999	—	—
Quetta —													

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

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

UPPER WIND DATA*

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

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

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

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→ STATION	0.3 (17)	0.6 (18)	9.0 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.7 (27)
Bogra	30 03	27 02	15 03	11 10	30 04	28 27	26 37	27 41	27 39	27 51	—
Chaklala	—	28 03	06 02	13 04	13 13	16 15		—	—	..	—
Chhor	..		..	—	..	...	...	...			..
Chittagong	02 04	19 01	25 07	23 17	23 21	21 13	25 19	29 22	28 22	—	...
Cox's Bazar	34 06	09 01	21 03	22 09	22 12	28 07	29 08	29 15			
Dacca	34 05	04 03	03 02	03 02	27 06	26 17	28 30	28 36	27 40	26 39	25 49
Dalbandin	..	...	17 14	19 23	19 35	20 33	21 50	21 42	22 47	—	...
D. I. Khan	—	..	—	—	..	...		—		—	..
Drosh	—	..	—	..	33 17	06 18	09 04	—	..	..	..
Fort Sandeman	..	...	—	30 01	21 17	21 17	21 25	22 28	..	...	..
Jacobabad	05 11	06 19	11 16	16 14	17 10	21 11	22 19	20 28	..		
Jessore	36 07	01 05	01 03	35 07	29 06	26 17	29 23	27 27	27 26	25 37	26 48
Jhelum	31 05	32 03	31 01	17 06	15 12	15 10	21 12	25 18	25 25	26 34	..
Jiwani	12 15	14 17	15 19	16 21	19 15	24 16	25 24	25 27	25 35	25 35	
Karachi	07 15	12 16	12 11	18 20	11 20	19 10	25 35	24 32	24 27	—	21 27
Khanpur	06 11	08 12	09 09	15 10	13 06	31 05	17 09	19 17	22 21	23 25	26 29
Lahore	36 08	33 12	32 14	30 16	28 15	20 19	17 03	21 09	25 15	26 26	25 19
Multan	36 05	20 02	23 03	26 05	25 07	23 08	23 15	23 20	24 13	24 19	..
Muscat	—	...	...	—		...	...	...	..	...	...
Panjgur	—	—	—	—	...	—	..	—	...	...	...
Peshawar	—	..	...	—	...		..	..	—	...	..
Quetta		—	...	.	17 05	19 07	..	..	...	—	..
Sharjah		...		—					...	..	...
Sylhet	10 06	11 07	12 07	13 05	15 06	27 13	26 36	27 46	26 54	—	—
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

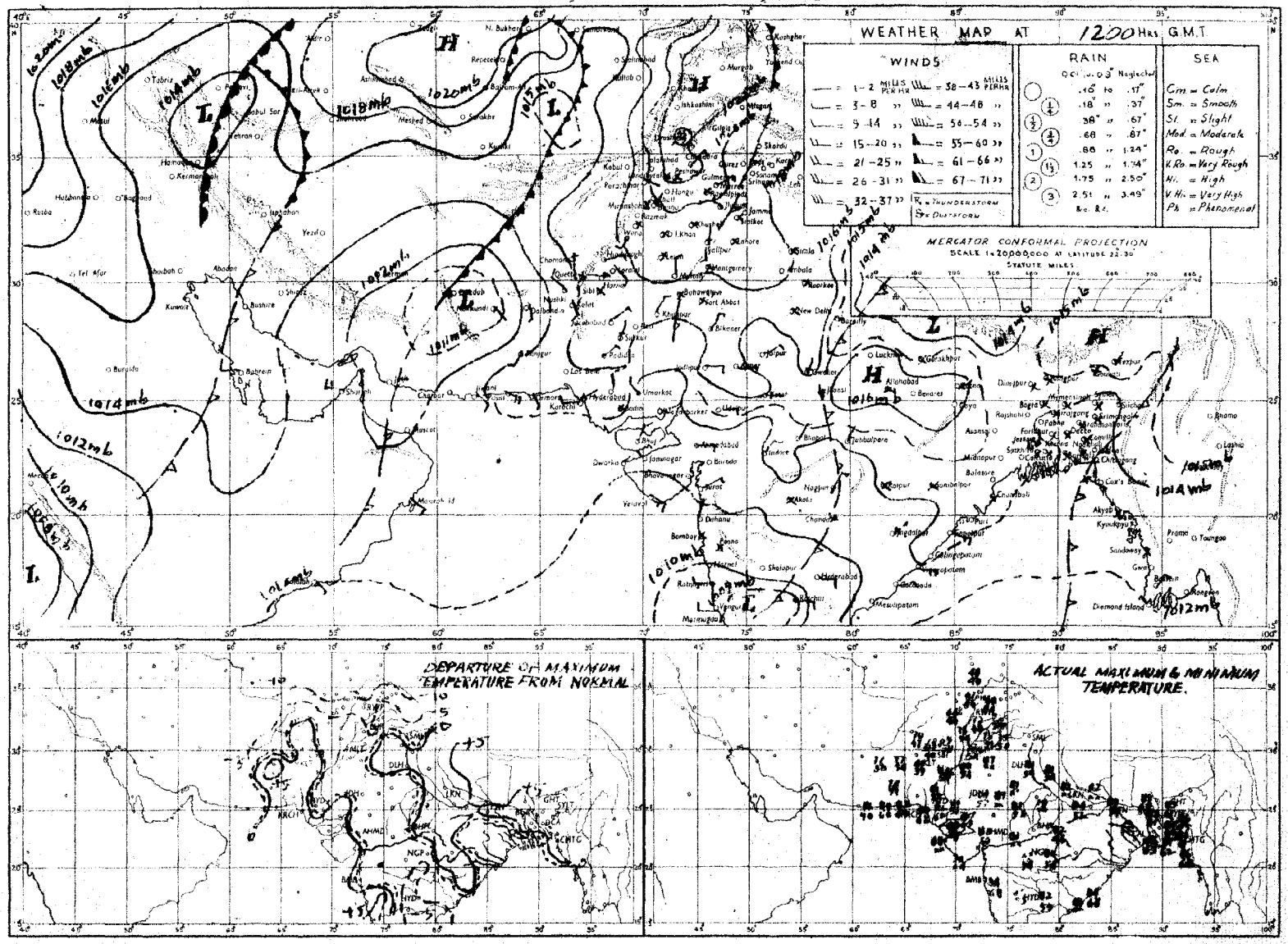
Height in g.p. a.s. l. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	06 07	06 06	06 09	34 03	23 05	25 22	27 23	27 30	26 34	26 3	25 60	26 58	25 55	25 49	...	—	...	—
Karachi ...	05 22	07 22	08 19	10 16	10 12	22 12	22 19	23 9	23 18	24 30	26 40	25 66	26 87	..	...	—	...	—
Peshawar ...	Misda	..	—	—	—	..	..	—	—	—	—	—	—	..	—	—	—	—
Quetta ...																		

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

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 25th NOVEMBER, 1959



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

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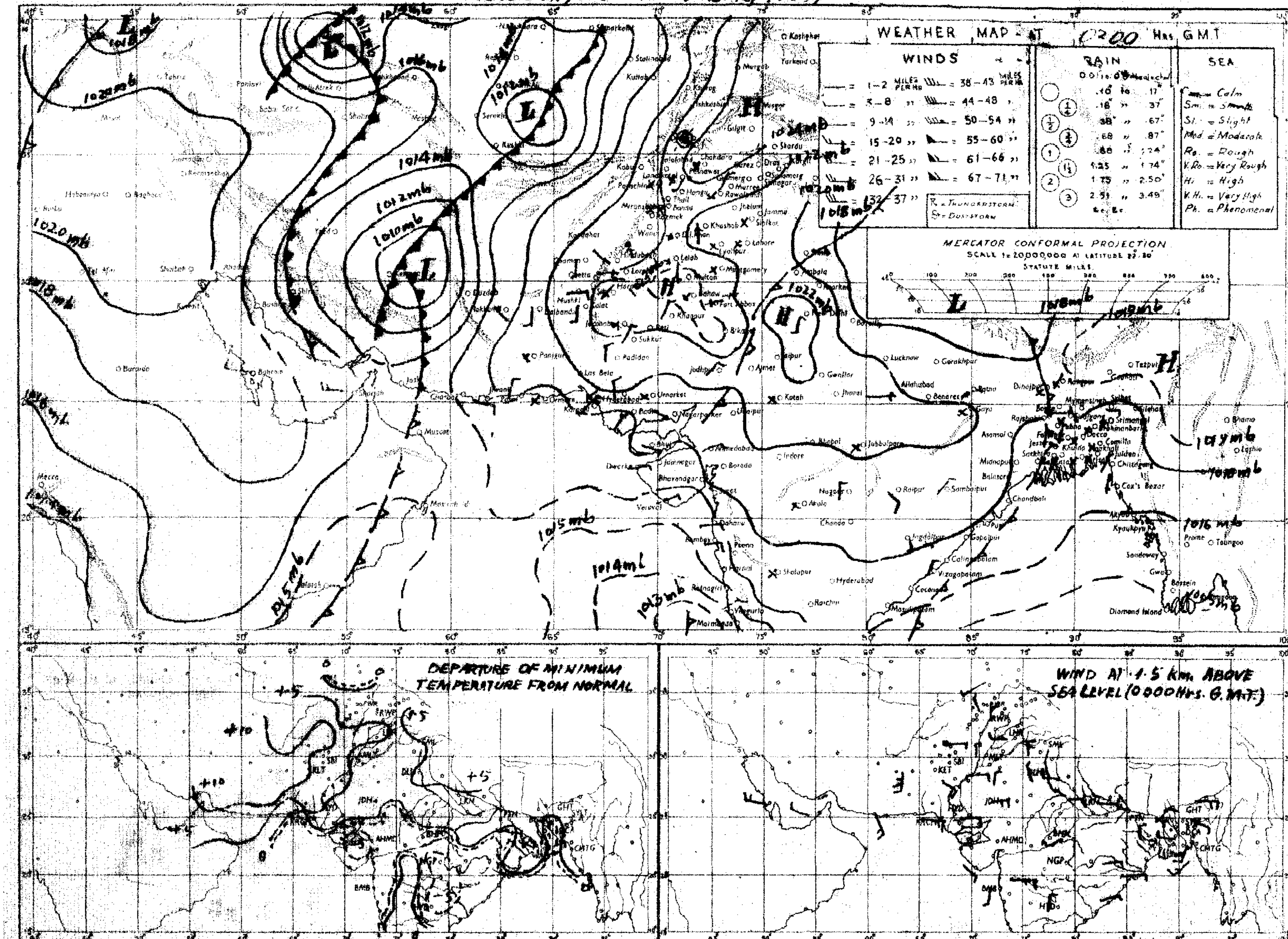
PAKISTAN DAILY WEATHER MAP

THURSDAY, 26th NOVEMBER, 1959,



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

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PAKISTAN DAILY WEATHER REPORT

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Volume No. 13

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FRIDAY THE 27th NOVEMBER, 1959.

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

Yesterday's western disturbance over Afghanistan is now moving across east Russian Turkistan with its secondary lying over D. I. Khan division and adjoining areas
Scattered rain/thundershowers have been reported from Kalat, Quetta and Rawalpindi divisions.
A fresh secondary western disturbance lies over South Iran and neighbourhood.
Weather remained dry over East Pakistan.
Chief amounts of rainfall are:- Turbat 1" Murree 3/4".
Night temperatures were:- 4—11 °F above normal over West Pakistan outside the Federal Capital Area and were 2—4°F so in Dacca and Rajshahi divisions.
Forecast valid until the evening of 28th November, 1959. Scattered Rain/thundershowers will occur in D. I. Khan, Peshawar, Rawalpindi, and Lahore divisions and Kashmir.

Karachi-11
The 27th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (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 (Txix)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	29	02	95	01	0	136	77	0	0	9	0	6	69	85	000	0	1	02	03	97	03	0	157	78	0	0	9	0	4	67	67	+ 2	+ 3	0	− 3.2	141.1	140
	Chittagong	000	9	0	00	00	xx	00	0	141	74	0	0	9	0	6	71	83	000	0	2	02	05	96	02	0	162	73	1	0	9	1	0	66	62		0	0	− 2.1	142.0	106
	Maliden Court	000	0	0	00	00	94	00	0	126	76	0	0	9	0	0	67	86	000	0	0	00	00	98	00	4	173	75	0	0	9	0	0	68	62	+ 2		0	− 1.5	144.7	115
	Comilla	000	0	1	00	00	xx	01	1	137	76	0	0	9	0	8	70	85	000	0	0	00	00	97	00	0	159	73	0	0	9	0	0	65	61	+ 5	+ 1	0	− 1.3	107.7	94
	Brahmanbaria	000	0	2	00	00	xx	01	0	136	72	2	0	9	7	0	62	82	000	0	2	09	05	97	03	0	164	72	2	0	9	3	0	61	61	−	−	0	− 1.0	85.2	76
	Sylhet	000	0	0	00	00	xx	00	0	135	70	0	0	9	0	0	70	85	000	4	2	00	00	96	03	4	169	71	0	0	9	0	1	64	54		0 − 1	0	− 1.4	109.4	98
Dacca	Mymensingh	000	0	4	00	00	97	02	1	144	77	0	0	9	0	8	61	xx	000	0	4	09	02	97	02	1	178	67	0	0	9	0	4	62	60	−	−	0	− 0.9	113.3	91
	Narayanganj	000	9	1	00	00	xx	01	1	139	79	1	0	9	3	0	65	84	000	9	4	00	00	96	01	4	168	75	0	0	9	0	8	63	64	+ 5	+ 2	0	− 0.9	103.9	74
	Dacca (Tejgaon)	000	0	4	36	02	97	01	1	134	74	0	0	9	0	1	63	83	000	0	5	10	00	97	03	0	162	73	0	0	9	0	1	63	61	−	−	0	− 0	103.6	—
	Faridpur	000	9	5	00	00	96	03	0	136	73	0	0	9	0	1	62	81	000	9	3	04	02	95	05	0	168	72	4	0	9	0	1	62	61	+ 1	+ 2	0	− 1.1	116.7	71
	Barisal	000	0	0	00	00	97	02	1	138	75	0	0	9	0	0	70	82	000	0	4	00	00	97	03	0	169	73	0	0	9	4	0	65	64	+ 1	+ 3	0	− 1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	145	77	0	0	9	0	0	66	83	000	0	0	00	00	97	00	0	172	76	0	0	9	0	0	63	69	+ 2	+ 5	0	− 1.1	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	154	77	0	0	9	0	0	73	83	000	0	0	00	00	97	00	0	173	74	0	0	9	0	0	61	62		0 + 5	0	− 0.7	82.1	65
	Jessore	000	0	0	00	00	97	00	0	147	82	0	0	9	0	0	72	84	000	0	0	05	03	97	00	0	172	70	0	0	9	0	4	63	60	−	−	0	− 0.9	105.8	65
	Sirajganj	000	0	8	00	00	90	02	2	147	73	0	0	9	0	4	65	84	000	0	7	00	00	97	03	2	163	72	0	0	9	4	1	64	61	−	−	0	− 0.7	107.7	64
	Bogra	000	0	2	00	00	xx	01	1	140	71	0	0	9	0	8	66	83	000	0	2	05	02	96	01	0	174	67	0	0	9	1	0	64	61	+ 3	+ 4	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	148	72	0	0	9	0	0	64	82	000	0	0	00	00	96	00	0	177	68	0	0	9	0	0	59	56	+ 2	− 1	0	− 0.4	84.9	72
	Rangpur	000	0	2	00	00	xx	01	0	xxx	74	2	5	6	0	0	64	80	000	0	0	02	02	96	02	0	xxx	68	0	0	9	0	0	59	57		0	0	− 0.4	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Intl Rd)	000	6	6	00	00	96	02	1	185	67	0	0	9	0	6	53	75	000	9	6	00	00	95	10	1	206	51	1	0	9	3	9	53	50	− 3	+ 7	1.1	+ 1.0	27.1	19
	Sialkot	000	0	2	00	00	97	02	0	174	66	0	0	9	0	3	57	74	000	2	4	00	00	97	02	1	204	53	2	0	9	3	4	51	50	− 1	+ 4	3.1	+ 3.0	61.8	32
Rawalpindi	Jhelum	000	7	3	10	02	97	03	0	183	66	3	0	9	1	0	49	74	000	4	7	00	00	94	10	2	197	52	7	0	9	3	1	48	49	−	−	3.4	−	53.5	—
	Rawalpindi	000	0	8	27	02	96	02	2	186	62	0	0	9	0	8	51	66	000	0	5	09	02	98	02	0	212	48	3	0	9	6	3	47	44	− 6	+ 3	3.2	+ 3.0	55.5	36
	Khushab	000	0	3	00	00	99	02	1	182	77	3	3	6	0	0	52	80	000	0	3	00	00	99	02	1	190	55	3	3	6	0	0	55	51	+ 2	+ 5	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	5	16	02	96	02	0	192	71	0	0	9	0	4	52	77	000	0	6	16	02	94	41	5	202	53	6	0	9	4	0	51	51	+ 1	+ 6	0.4	+ 0.3	18.6	12
	Montgomery	000	0	5	00	00	96	02	1	186	73	0	0	9	0	1	55	78	000	0	0	00	00	96	00	0	195	54	0	0	9	0	1	52	50	0	+ 2	0.1	+ 0.1	8.5	10
	Multan	000	0	6	00	00	97	02	1	187	76	0	0	9	0	3	48	79	000	0	2	23	02	97	01	0	195	59	0	0	9	0	4	49	54	+ 2	+ 7	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	1	18	01	97	02	0	192	78	1	0	9	1	0	42	79	000	0	1	00	00	97	04	1	171	54	1	0	8	1	0	50	46	−	−	2.5	−	7.8	8
	Khanpur	000	0	2	00	00	96	03	0	180	77	0	0	9	0	2	57	79	000	0	1	16	02	96	01	0	193	63	0	0	9	0	1	47	59	−	2 + 12	0	− 0.1	4.4	6
	Bahawalpur	000	0	6	00	00	97	03	0	186	75	0	0	9	0	5	57	78	000	0	0	00	00	97	00	0	201	60	0	0	9	0	0	51	51	−	1 + 2	0.1	+ 0.1	6.6	8
	Fort Abbas	000	0	0	00	00	98	00	0	197	77	0	0	9	0	0	58	87	000	0	0	16	02	98	00	0	214	58	0	0	9	0	0	48	xx	−	−	1.0	−	10.2	4
Peshawar	Chakdara	000	0	8	00	00	96	43	1	174	60	8	6	7	x	x	42	61	000	8	7	00	00	96	03	1	204	45	7	0	8	6	0	41	44	−	−	5.4	−	31.9	—
	Peshawar	000	0	7	00	00	96	04	2	194	64	1	1	6	7	7	53	73	000	0	5	00	00	95	10	1	206	50	1	0	9	3	8	49	49	+ 2	+ 4	5.0	+ 4.8	28.5	14
	Haripur	000	4	7	09	04	96	03	2	175	60	7	6	6	0	0	49	65	000	3	7	23	04	96	03	2	183	50	7	6	9	0	0	41	43	−	−	4.0	−	35.2	—
	Campbellpur	000	0	4	00	00	98	02	1	191	67	0	0	9	0	2	57	70	000	0	6	36	02	97	02	0	120	49	0	0	9	0	2	47	42	−	−	3.2	−	39.1	—
D. I. Khan	Bannu	000	0	6	00	00	99	02	1	196	68	6	0	9	8	0	58	71	000	0	7	00	00	99	03	0	184	53	7	0	9	7	0	50	52	−	−	2.4	−	15.2	11
	D. I. Khan	000	6	2	00	00	98	03	0	188	72	0	0	9	0	2	57	80	000	3	2	00	00	98	01	1	182	56	0	0	9	0	2	51	53	+ 4	+ 9	1.6	+ 1.5	16.5	10
Quetta	Sibi	000	9	5	13	02	98	03	1	183	78	0	0	9	0	2	49	81	000	2	4	00	00	98	03	1	202	60	6	0	9	3	0	53	59	−	−	4.0	−	9.2	3
Kalat	Nokkundi	000	2	7	13	02	96	03	1	122	71	7	0	9	2	0	40	76	097	9	6	09	02	97	03	2	220	51	4	0	9	2	0	47	50	−	−	0.5	−	1.6	2
	Turbat	097	1	0	23	03	96	02	9	158	70	0	0	9	0	0	63	86	000	9	9	23	02	97	03	2	189	67	8	0	9	6	x	65	xx	−	−	1.6	−	8.9	—
	Jiwani	000	0	6	18	09	97	02	2	154	80	6	5	5	0	0	66	82	000	0	7	05	03	96	03	2	172	71	7	5	6	6	0	64	67	−	−	0.8	−	7.5	4
	Pasni	000	0	4	11	10	98	02	1	156	79	4	0	9	2	0	70	81	000	0	6	07	05	98	00	0	181	75	6	0	9	5	0	66	70	0	+ 13	0.3	+ 0.2	3.4	6
	Dermara	000	0	5	09	09	98	02	1	148	80	5	2	6	0	0	68	84	000	0	6	00	00	98	02	1	177	72	6	2	5	0	0	66	66	−	−	2.7	+ 2.7	6.8	8
	Las Bela																																								8
Karachi Federal Area	Karachi (Manora)	000	0	0	09	14	98	02	0	152	80	0	0	9	0	0	64	81	000	0	3	09	12	97	01	1	183	64	3	0	9	4	0	35	61	+ 3	− 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	1	13	02	96	03	0	157	82	0	0	9	0	1	47	86	000	0	1	00	00	96	00	0	187	62	0	0	9	0	1	50	56	−	−	3.3	−	26.1	—
	Badin	000	0	8	00	00	97	00	0	159	84	0	0	9	0	0	53	87	000	9	0	23	02	96	00	0	172	63	0	0	9	0	0	55	67	+ 2	+ 11	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	166	84	0	0	9	0	0	63	78	000	0	0	00	00	98	00	0	166	68	0	0	9	0	0	61	64	−	−	0	−	30.5	—
	Umarkot	000	0	0	31	02	98	00	0	147	84	0	0	9	0	0	50	91	000	0	0	00	00	98	00	0	178	61	0	0	9	0	0	42	54	−	−	0.5	−	20.8	—
	Hyderabad	000	0	0	36	03	97	02	1	168	77	0	0	9	0	0	59	83	000	0	1	36	03	96	10	0	192	62	0	0	9	9	1	55	59	0	+ 4	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	0	36	07	97	02	0	172	76	0	0	9	0	0	51	77	000	0	2	00	00	96	03	0	198	55	2	0	9	1	0	52	49	−	−	0.3	−	7.9	—
	Mawabusah	000	0	0	36	03	97	02	0	180	77	0	0	9	0	0	52	79	000	0	2	00	00	96	03	0	201	55	2	0	9	3	0	51	53	−	−	0.3	−	7.5	4
	Sukkur	000	8	1	36	02	96	02	1	171	76	0	0	9	0	3	57	79	000	9	6	05	02	96	03	1	192	60	0	0	9	0	0	53	56	−	−	0.8	−	5.3	—
	Kashmore	000	0	0	00	00	99	00	0	172	75	0	0	9	0	0	49	82	000	0	4	00	00	99	00	0	202	62	4	1	6	0	0	46	50	−	−	1.3	−	3.4	—
	Jacobabad	000	0	0	09	03	97	02	1	181	79	0	0	9	0	0	48	80	000	0	4	09	03	98	03	0	195	60	1	0	9	3	2	48	58	+ 2	+ 5	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																																								20
	Jalalabad																																								—
Aden	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								26
Kashmir	Srinagar																																								71
	Gulmarg																																								24
	Sonamarg																																								3
	Dras																																								6
	Leh																																								—
	Skardu																																								—
	Miqar																																								5
	Allabad																																								—
	Gilgit																																								—
Rawalpindi	Murree	000	3	8	13	02	98	03	2	539	48	4	5	5	4	6	33	53	097	9	8	03	01	98	03	2	546	43	8	5	5	x	0	29	41	0	+ 3	5.0	+ 4.3	83.4	59
Peshawar	Drosh	000	8	9	00	00	96	03	2	572	48	8	0	9	1	x	37	52	000	9	5	09	05	97	03	2	563	41	5	0	9	7	0	34	41	− 8	0	3.4	−	34.5	18
	Chitral	000	8	7	36	03	97	03	1	573	55	7	0	9	0	8	31	57	000	0	5	36	03	98	03	0	543	50	0	0	9	0	8	31	47	− 4	+ 1	5.7	+ 5.4	37.1	29
	Kakul	000	8	8	05	03	97	03	2	544	55	7	0	9	4	1	38	65	000	9	8	18	02	98	02	0	540	49	3	5	7	4	1	35	47	−	−	4.4	−	59.4	—
D. I. Khan	Landi Kotal	000	9	7	31	03	98	02	2	533	56	6	0	8	2	9	41	59	000	0	3	00	00	99	01	1	523	45	0	0	9	0	9	38	42	−	−	3.9	−	32.8	—
	Parachinar	000	0	7	13	02	99	01	1	801	53	2	0	9	1	1	47	xx	000	0	8	18	02	99	03	2	801	46	2	1	7	2	1	37	xx	−	−	5.6	−	33.7	29
	Miranshah	000	0	4	00	00	99	01	2	522	60	4	0	8	4	0	45	66	000	0	4	08	02	99	03	0	512	52	4	2	7	2	0	44	46	−	−	1.1	+ 1.1	8.2	13
	Wana	000	0	3	00	00	97	10	1	510	59	4	0	9	0	0	39	63	000	0	4	00	00	98	10	2	536	49	4	3	9	0	0	41	46	−	−	1.1	−	15.2	—
Quetta	Fort Sandeman	000	0	4	20	03	97	01	1	534	63	4	0	6	1	0	43	65	000	0	2	13	02	94	00	1	511	48	2	0	9	2	0	39	47	−	1 + 12	4.8	+ 4.7	20.8	11
Kalat	Hindubagh	000	8	1	20	02	98	01	0	506	55	0	0	9	0	1	34	58	000	2	8	23	05	96	20	2	521	43	7	0	9	6	4	29	42	−	−	3.3	−	16.9	—
	Loralai	000	0	5	23	03	96	02	1	331	61	3	2	6	2	0	39	64	000	0	5	18	02	96	02	1	325	44	3	2	6	2	0	42	41	−	−	4.3	−	17.3	—
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	4	7	09	01	92	23	6	xxx	xx	7	3	4	3	0	xx	xx	−	−	5.9	+ 5.7	18.7	14
	Quetta	000	4	7	16	13	98	02	6	526	56	3	8	7	3	2	45	61	008	9	3	00	00	95	03	2	546	48	3	3	5	0	0	40	38	−	−	1.7	+ 1.5	11.1	8
	Chamar	000	8	8	10	05	95	03	2	506	65	8	7	7	x	x	20	70	015	9	8	00	00	95	02	6	547	50	8	7	5	0	0	42	47	+ 7	+ 7	0.6	+ 0.4	6.8	7
	Kalat	000	0	7	16	01	97	03	1	536	50	7	7	6	0	0	38	58	000	0	8	18	07	97	03	2	557	45	8	7	7	x	x	35	39	− 1	+ 11	1.1	+ 0.9	13.0	9
	Nushki	000	0	9	18	29	97	03	0	530	72	9	x	0	x	x	35	xx	009	0	9	09	05	97	01	5	561	57	9	7	6	x	x	52	52	−	−	0.7	−	3.6	—
Afghanistan	Dalbandin	000	0	9	20	13	97	03	1	517	73	2	6	7	2	x	31	76	004	6	7	05	02	96	03	6	511	48	2	0	9	2	0	39	47	+ 7	+ 21	0.2	+ 0.2	2.4	5
	Panjgur	000	0	7	23	06	98	03	2	523	70	7	0	9	6	0	44	70	000	0	8	05	02	98	03	1	539	52	8	0	9	6	x	44	49	+ 1	+ 9	0.1	−	4.2	4
	Kabul	000	0	8	00	00	95	03	1	590	43	8	5	8	x	x	38	45	000	0	8	00	00	96	03	2	561	38	8	5	6	x	x	33	26	−	−	−	−	−	12
	Kandahar																																								

Groups Code.

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

xx Those stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	$I_dI_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Muristan	53 229	597 00	0 16 18	99 02 0	149 76	00 9 00	34 40 0	—	0 32 67	1 16 23
Mustali	53 179	709 00	0 05 07	98 02 0	131 81	00 9 00	74 30 5	—	0 00 70	1 08 32
Udomaru	53 195	654 06	1 09 10	98 02 0	165 81	11 5 00	35 40 0	—	0 04 68	1 05 21
British Reliance	53 246	581 06	4 15 13	98 03 0	176 78	43 4 00	...	—	...	..
Trevelyan	53 153	575 06	7 12 05	90 02 1	175 80	54 6 32	34 21 0	—	0 35 66	1 22 21
Leider Kerk	53 177	572 06	1 10 05	98 01 0	145 77	12 5 00	16 12 0	—	0 01 66	1 10 21
Muristan	53 219	597 06	1 23 05	99 02 0	183 77	11 6 00	54 21 6	—	0 53 68	1 23 xx
Isocardia	53 250	578 09	4 10 05	98 01 2	170 79	41 4 00	35 61 5	—	0 52 64	1 09 20
Leider Kerk	53 189	582 12	2 26 04	98 03 0	135 81	21 4 40	16 50 7	—	0 01 68	1 36 21
Udomaru	53 187	666 12	3 11 10	98 02 0	140 82	31 5 00	35 52 5	—	0 02 72	1 05 21
Trevelyan	53 244	583 12	7 34 08	98 02 2	151 77	55 6 32	34 81 0	—	0 52 70	1 34 22
Isocardia	53 229	595 18	9 09 05	98 00 0	195 77	9x 0 xx	36 21 0	—	0 53 66	1 09 20
Udomaru	53 177	679 18	1 07 12	98 02 0	150 75	11 5 00	35 40 0	—	0 34 73	1 05 21
Leider Kerk	53 202	591 18	0 00 00	98 02 0	167 77	00 9 00	16 10 8	—	0 51 66	1 00 x0
Dumra	53 243	603 18	3 03 02	99 03 0	174 79	38 5 00	15 12 0	—	0 54 66	1 08 20
Trevelyan	53 233	593 18	8 04 05	98 02 2	180 78	55 5 33	34 51 0	—	0 52 67	1 04 22
Cilicia	53 241	661 18	0 11 09	98 02 0	171 79	00 9 00	56 40 0	—	0 51 78	1 11 x2

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	014 160 140	130 212 172	...	156 178 999	—	325 085 999	451 018 999	594 582 999	763 668 999	972 808	249 005	430 148	—
Jiwani ...														
Karachi ...	00 00	013 145 088	166 192 122	..	150 152 202	..	313 038 585	437 520 900	579 602 692	748 702 999	955 840	—	—	...
Lahore ...														
Multan ...														
Peshawar ...	23 00	976 118 085	...	..	151 121 062	...	312 015 542	434 548 595	574 658 702	739 745 999	943 088	212 042	392 108	643 125
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	893 162 078		—	—	..	—	—	—	..	893 162 078	—	..
Jiwani ...													
Karachi ...	00 00	935 208 072	900 182 052	800 162 515	—	—	—	—	—	—	800 162 515	—	—
Lahore ...													
Multan ...													
Peshawar ...	23 00	913 148 102	900 142 102	811 088 028	330 800 999		—	—	—	—	305 800 999	—	—
Quetta ...													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)					
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	01 04	01 02	03 01	19 04	—	—	—	—	—	03 13	05 07	04 07	07 10	32 09	25 16
Chaklala ...	..	27 03	05 01	14 06	12 13	16 11	18 15	—	—	—	01 03	32 05	30 07	28 05	29 08
Chhor ...	03 04	06 04	07 04	07 05	22 10	25 23	—	—	..	10 19	09 17	09 13	06 06	32 05	29 12
Chittagong ...	—	—	—	—	—	—	—	—	..	..	—	—	..	..	..
Cox's Bazar ...	34 05	36 02	23 01	25 09	..	—	—	—	—	36 15	33 05	26 03	26 09	26 11	28 09
Dacca ...	33 06	03 03	03 01	26 05	26 11	27 17	28 30	27 44	28 47	01 05	02 06	05 04	30 04	27 07	27 14
Dalbandin ...	—	—	19 19	19 25	20 09	..	—	—	—	—	—	34 06	29 11	25 07	..
D. I. Khan ...	..	—	—	—	—	—	—	..	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	02 02	14 01	13 03	—	—	—	..	—	07 01	09 01	07 03
Fort Sandeman ...	—	—	—	22 12	22 16	23 17	23 18	23 25	22 31	—	—	..	19 04	23 11	24 14
Jacobabad ...	08 08	07 06	08 04	20 11	19 11	24 12	23 23	23 25	—	13 04	14 06	16 11	20 11	22 16	27 18
Jessore ...	33 07	36 03	36 07	30 05	29 13	27 15	..	—	—	03 08	03 09	03 07	28 08	27 10	26 17
Jhelum ...	31 04	29 04	27 03	24 04	13 06	16 12	21 16	22 17	—	31 06	30 11	31 12	29 13	30 15	27 09
Jiwani ...	19 08	19 09	19 09	19 17	—	—	—	—	—	11 02	17 02	23 04	28 03	..	..
Karachi ...	12 06	10 07	10 07	12 10	13 12	17 15	24 33	25 50	25 42	07 20	08 21	08 07	17 03	28 05	32 14
Khanpur ...	04 06	11 06	17 05	19 03	04 01	17 10	24 21	23 26	23 31	07 15	01 13	13 13	21 03	27 09	07 02
Lahore ...	31 03	31 08	31 10	32 12	32 09	23 17	21 15	22 17	23 23	34 07	32 11	30 10	29 19	29 10	30 14
Multan ...	15 06	25 07	25 09	27 05	27 05	21 15	21 21	22 33	22 37	22 10	23 12	24 11	25 13	24 14	29 13
Muscat ...	—	—	—	—	—	—	..	..	—	—	—	—	—	—	.
Panjgur ...	—	—	—	—	—	—	—	..	..	—	—	..	..	—	—
Peshawar ...	—	08 02	35 05	31 02	17 02	34 04	..	—	—	—	06 01	03 01	30 01	25 05	22 10
Quetta ...	—	..	—	—	17 09	21 15	24 39	26 54	—	No	Ascent	—	—	—	..
Sharjah ...	—	—	—	—	—	—	—	..	—	—	—	—	—	—	—
Sylhet ...	12 05	10 04	08 06	13 03	21 09	24 12	..	—	..	08 15	08 08	10 08	10 09	24 02	27 15
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	9.7
	At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	03 02	03 03	03 04	11 07	02 05	25 14	28 25	28 34	28 35	..	—
Chaklala ...	—	..	..	..	—	—	..	—	..	—	—
Chhor ...	..	—	—	—	—	—	—	—	—	—	..
Chittagong ...	21 01	23 05	23 09	25 15	26 13	27 12	27 22	29 27	29 33	—	—
Cox's Bazar ...	—	—	—	—	—	...	..	—	..	—	—
Dacca ...	...	..	..	..	—	—	..	—	—	—	—
Dalbandin ...	..	—	06 09	16 07	24 07	22 12	—	..	..	—	—
D. I. Khan ...	—	..	—	—	—	—	—	—	..	—	—
Drosh ...	—	..	—	..	08 01	35 03	..	—	..	—	..
Fort Sandeman ...	..	—	—	23 17	21 13	24 22	25 16	24 35	25 36	25 49	—
Jacobabad ...	16 09	20 15	20 15	19 13	21 13	27 15	—	—	—	—	—
Jessore ...	34 03	34 04	01 01	30 07	27 11	27 15	28 28	28 26	29 25	27 41	..
Jhelum ...	24 04	29 04	29 03	26 07	29 07	33 05	22 14	24 21	23 24	..	—
Jiwani ...	09 02	15 03	16 03	20 06	23 10	—	—	—	..	—	—
Karachi ...	09 12	11 09	13 08	15 04	01 02	32 09	27 27	26 37	25 47	25 37	..
Khanpur ...	05 09	14 01	14 08	16 05	23 07	31 12	25 21	26 39	25 46	..	..
Lahore ...	32 02	30 05	30 06	30 13	30 13	29 13	22 13	24 19	24 12	24 33	..
Multan ...	20 12	22 17	22 14	21 13	25 12	27 11	25 31	25 45	25 48	36 48	..
Muscat ...	—	—	—	—	..	—	—	—	..	—	..
Panjgur ...	—	—	—	—	—	—	..	—	—	—	—
Peshawar ...	—	36 03	06 01	14 02	16 03	21 09	19 13	22 15	..	—	—
Quetta ...	..	No	Ascent	..	..	—	..	..	—	—	..
Sharjah ...	—	—	—	—	—	—	—	..	—	..	..
Sylhet ...	10 06	11 06	11 07	11 56	28 06	27 09	29 19	27 35	27 36	—	—
Veraval ...	—	—	..	—	—	—	—	—	—	—	—

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

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

Height in g.p. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	02 07	02 05	36 05	36 05	27 13	27 14	27 28	28 40	28 25	27 46	27 65	28 44	26 72	26 56	26 77	—	—	..
Karachi ...	05 15	05 17	06 13	13 07	19 05	32 09	28 25	27 42	25 44	25 49	26 58	25 87	—	..	—	—	..	—
Peshawar ...	Ma a	..	—	—	...	...	..	—	—	—	—	—	—	...	—	—	—	—
Quetta ...																		

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

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

05 715 32 423
05 712 32 327

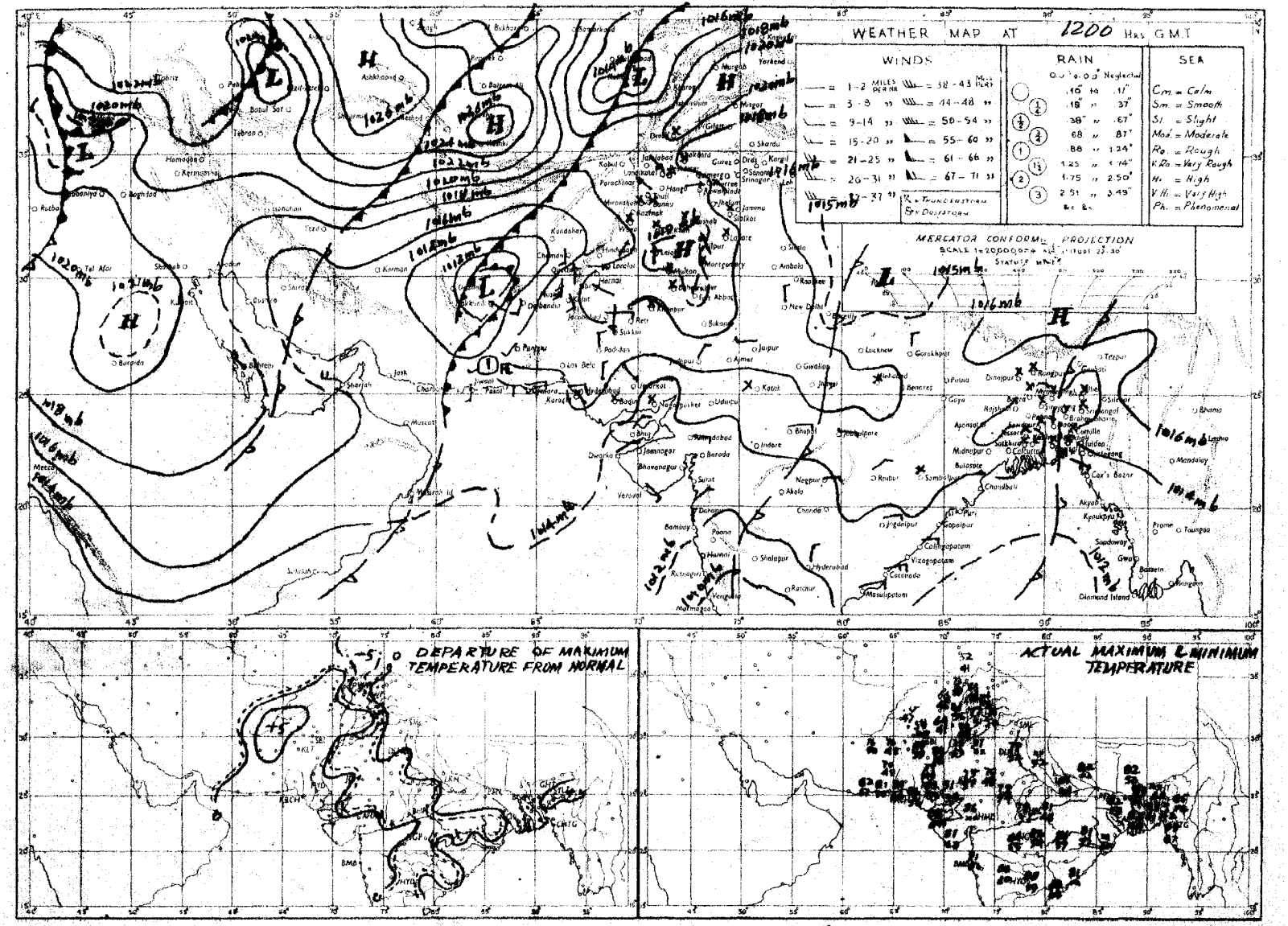
06 530 42 207
06 390 52 414

12 571 02 828

The unsuccessful individuals of entries in this report cannot be guaranteed. Correction can be obtained, if necessary applic, caution to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

THURSDAY 26th NOVEMBER, 1959.



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

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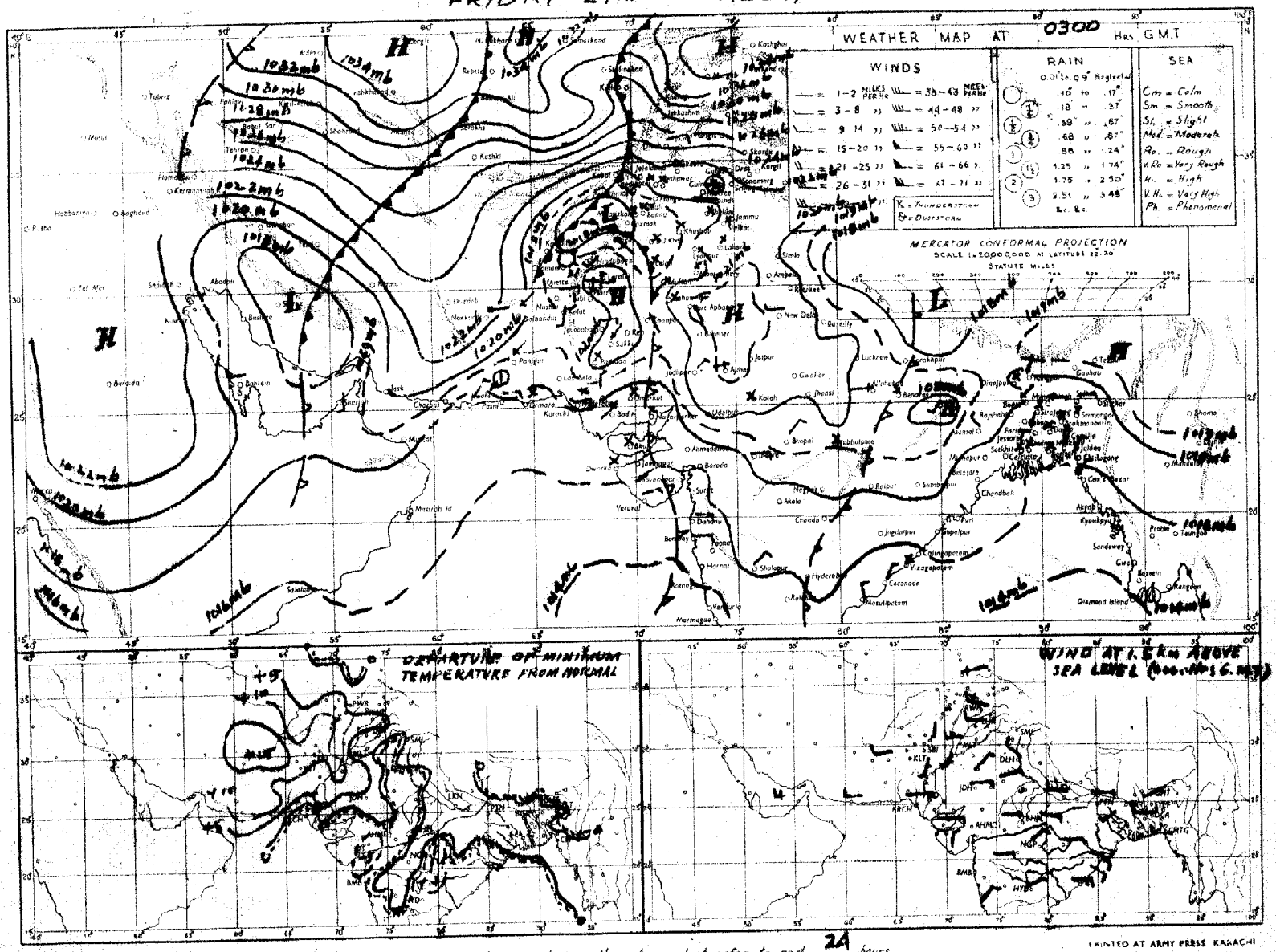
PAKISTAN DAILY WEATHER MAP

FRIDAY 27th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 28th NOVEMBER, 1959.

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

Yesterday's western disturbance over east Russian Turkistan with its secondary over D. I. Khan division moved away northeast wards.
The secondary western disturbance over south Iran now lies over Kalat division while a fresh one lies over southwest Iran and adjoining areas.
Scattered light rain/thunder storms have been reported from Peshawar, D. I. Khan, Quetta, and Kalat divisions.
A well marked low lies in southwest Bay of Bengal off Coromandal Coast.
Weather remained dry in East Pakistan.
Drosh and Kalat have recorded 1/4" of rainfall each.
Night temperatures were:- 3—11°F above normal over West Pakistan outside south Kalat division and were 2—4°F so in Rajshahi division.
Forecast valid until the evening of 29th November, 1959. Scattered Rain/thundershowers will occur in north Kalat, Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 28th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	8	2	34	02	95	01	0	136	77	0	0	9	0	4	68	88	000	0	2	07	03	97	03	0	147	73	0	0	9	0	6	66	65	+ 5	+ 1	0	− 3.2	141.1	140
	Chittagong	000	8	0	34	05	xx	00	1	117	73	0	0	9	0	0	61	85	000	0	0	05	02	96	00	0	150	73	0	0	9	0	0	66	60	+ 4	− 2	0	− 2.1	142.0	108
	Maijdee Court	000	9	9	00	00	xx	10	0	135	73	9	x	0	x	x	70	83	000	9	0	00	00	98	00	0	148	73	0	0	9	0	0	66	61	+ 2	− 1	0	− 1.5	144.7	115
	Comilla	000	0	0	00	00	96	00	0	122	75	0	0	9	0	0	67	84	000	0	0	00	00	97	00	0	148	72	0	0	9	0	0	66	60	+ 2	0	0	− 1.3	107.7	94
	Brahmanbaria	000	0	2	00	00	xx	03	1	122	74	0	0	9	0	4	69	82	000	0	4	00	00	97	03	0	152	76	0	0	9	0	5	71	63	—	—	0	− 1.6	85.2	76
	Sylhet	000	0	1	00	00	xx	02	0	123	73	1	1	6	0	1	63	83	000	0	4	09	05	96	03	0	145	72	1	0	9	7	8	72	61	—	—	0	—	193.9	—
	Srimangal	000	0	1	00	00	xx	01	0	118	71	0	0	9	0	1	66	85	000	0	1	00	00	96	02	0	143	68	0	0	9	0	1	64	54		0	— 1	0	− 1.4	109.4	98
Dacca	Mymensingh	000	0	2	00	00	97	01	1	126	77	0	0	9	0	4	64	83	000	0	2	13	02	97	01	1	155	71	0	0	9	0	4	63	60	+ 3	− 1	0	− 0.9	113.3	91
	Narayanganj	000	9	4	00	00	xx	01	0	116	75	0	0	9	0	8	63	85	000	9	5	00	00	96	00	0	149	74	0	0	9	0	8	63	64	+ 4	+ 2	0	− 0.9	103.9	74
	Dacca (Tejgaon)	000	9	2	31	03	98	01	0	118	72	0	0	9	0	1	62	83	000	0	6	36	02	97	03	0	144	71	0	0	9	0	4	65	59	—	—	0	—	103.6	—
	Faridpur	000	9	5	00	00	95	05	0	126	73	0	0	9	0	2	61	80	000	0	4	30	02	95	05	0	129	72	0	0	9	0	1	56	59		0	0	− 1.1	116.7	71
	Barisal	000	0	0	00	00	96	02	1	117	76	0	0	9	0	0	63	82	000	0	6	00	00	97	02	1	148	72	6	0	9	2	0	64	63	+ 1	+ 2	0	− 1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	123	76	0	0	9	0	0	66	84	000	0	0	00	00	97	00	0	153	76	0	0	9	0	0	64	63	+ 3	+ 4		− 1.1	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	125	74	0	0	9	0	0	64	84	000	0	0	00	00	98	00	0	158	71	0	0	9	0	0	52	61	+ 1	+ 4	0	− 0.7	82.1	65
	Jessore	000	0	0	00	00	97	00	0	127	82	0	0	9	0	0	72	83	000	0	0	36	02	97	00	0	158	69	0	0	9	0	0	64	xx	—	—	0	− 0.9	105.8	65
	Sirajganj	000	0	0	00	00	97	02	0	099	71	0	0	9	0	0	63	84	000	0	6	00	00	97	02	2	134	70	0	0	9	0	4	63	60	—	—	0	− 0.7	107.7	64
	Bogra	000	0	1	00	00	xx	02	1	123	73	0	0	9	0	1	63	80	000	0	3	05	02	96	01	4	152	68	0	0	9	0	1	63	61		0	+ 2	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	129	73	0	0	9	0	0	63	81	000	0	0	00	00	96	00	0	173	71	0	0	9	0	0	59	55	+ 1	− 2	0	− 0.4	66.9	72
	Rangpur	000	0	1	00	00	96	01	0	xxx	71	1	0	9	1	0	65	80	000	0	0	09	02	96	01	0	xxx	68	0	0	9	0	0	63	57		0	0	0	− 0.4	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	02	1	167	67	2	0	9	3	6	55	77	000	4	7	00	00	95	10	0	184	57	7	0	9	3	0	55	52	—	1	+ 9	1.1	− 1.0	27.1	19
	Sialkot	000	0	1	00	00	98	01	0	156	70	0	0	9	0	3	52	72	000	2	4	00	00	96	10	4	169	56	4	0	9	3	0	48	51	—	3	+ 5	3.1	+ 2.9	61.8	32
Rawalpindi	Jhelum	000	7	2	00	00	96	02	1	160	70	2	0	9	3	0	54	77	000	3	7	00	00	96	00	2	179	53	7	0	9	5	0	49	51	—	—		3.4	—	53.5	—
	Rawalpindi	000	8	5	27	02	98	03	2	170	63	6	0	9	6	0	51	72	000	0	6	27	02	99	02	2	193	52	3	0	9	5	0	49	48		0	+ 7	3.2	+ 3.0	55.5	36
	Khushab	000	0	3	00	00	99	03	1	153	75	3	3	6	0	0	51	78	000	0	5	00	00	99	03	2	187	55	5	3	6	0	0	49	51		0	+ 5	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	4	00	00	96	01	0	153	77	4	0	9	3	0	50	79	000	0	5	00	00	95	02	0	180	56	5	0	9	2	0	54	53	+ 3	+ 8	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	154	75	0	0	9	0	0	59	81	000	0	0	13	02	96	00	0	182	57	0	0	9	0	0	51	52	+ 3	+ 5	0.1	0	8.5	10
	Multan	000	0	6	23	02	97	02	1	150	77	0	0	9	0	3	52	80	000	0	7	36	02	97	03	1	175	61	3	5	6	5	2	58	58	+ 3	+ 11	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	6	00	00	97	03	1	145	75	4	0	9	2	5	52	75	000	0	5	36	01	97	02	2	146	61	5	0	8	9	0	53	49	—	—		2.5	—	7.0	8
	Khanpur	000	0	2	00	00	96	03	0	153	75	2	0	9	0	2	58	74	000	0	5	00	03	96	03	1	167	62	5	0	9	5	0	55	58	+ 2	+ 11	0	− 0.1	1.4	6
	Bahawalpur	000	8	00	00	96	02	3	184	73	0	0	9	0	2	58	74	000	0	8	00	00	97	00	0	0	176	60	0	0	9	0	0	53	58	+ 5	+ 9	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	29	02	98	00	0	150	80	0	0	9	0	0	52	86	000	0	0	00	00	98	00	0	142	54	0	0	9	0	0	48	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	8	13	02	96	43	1	163	58	8	6	7	x	x	46	59	000	0	6	00	00	96	03	1	183	46	6	0	8	6	0	38	46	—	—		5.4	—	31.9	—
	Peshawar	000	-3	8	00	00	96	50	6	185	61	4	5	6	2	x	54	65	000	9	5	13	02	97	03	6	196	50	3	0	9	3	2	46	48	—	6	+ 3	5.0	+ 4.7	28.5	14
	Peshawar	000	3	6	09	02	96	03	2	182	60	6	6	6	0	0	49	65	000	3	6	23	04	97	03	2	162	52	6	0	9	7	0	42	45	—	—		4.0	—	35.7	—
	Campbellpur	000	0	6	05	02	98	02	1	196	63	0	0	9	0	2	47	65	000	0	0	05	02	98	00	0	xxx	53	0	0	9	0	0	45	49	—	—		3.2	—	39.1	—
D. I. Khan	Bannu	000	0	8	00	00	99	02	2	167	64	8	5	6	x	x	55	68	000	0	2	34	01	99	03	0	181	54	0	0	9	0	2	47	50	—	—		2.4	—	15.2	18
	D. I. Khan	000	6	4	00	00	98	03	0	162	73	0	0	9	0	4	57	78	000	0	2	00	00	98	01	1	178	57	0	0	9	0	2	50	55	+ 2	+ 11	1.6	+ 1.5	16.5	10
Quetta	Sibi	000	9	8	13	02	97	03	2	165	75	8	0	9	3	x	70	80	010	3	8	00	00	92	50	5	182	62	8	7	3	x	x	59	60	—	—		4.1	—	9.3	5
	Nokkundi	000	9	7	05	02	96	03	2	170	62	7	0	9	2	0	45	69	000	0	6	09	02	97	02	0	201	54	0	0	9	0	0	46	52	—	—		0.5	—	1.6	2
	Turbat	000	0	0	13	03	98	00	0	195	79	0	0	9	0	0	65	85	000	0	6	18	02	97	00	0	100	69	0	0	9	0	0	46	xx	—	—		1.6	—	8.9	—
Kalat	Jiwani	000	0	7	05	03	97	02	9	151	75	4	4	6	6	0	62	82	000	9	3	31	02	97	01	9	168	67	1	6	5	4	0	65	67	—	—		0.8	—	7.5	4
	Pasni	000	0	6	11	03	97	03	0	152	79	6	6	7	0	0	70	81	000	0	3	31	02	98	02	0	162	69	3	0	9	2	0	67	66		0	− 1	0.3	+ 0.1	3.4	6
	Ormara	000	0	5	09	03	98	02	1	146	81	5	2	6	0	0	67	84	000	0	6	00	00	98	02	1	158	70	6	2	5	0	0	67	68	—	—		2.7	+ 2.7	6.8	6
	Lee Bela																																								—
Karachi Federal Area Hyderabad	Karachi (Phasora)	000	0	0	18	12	98	02	0	149	83	0	0	9	0	0	76	86	000	0	4	00	00	95	05	1	164	67	4	0	9	4	0	45	65	+ 5	+ 2	1.6	+ 1.5	18.1	9
	Karachi (Air Port)	000	0	0	15	05	97	02	0	1395	74	0	0	9	0	0	55	80	000	0	4	00	00	96	03	0	163	65	4	0	9	6	0	53	68	—	—		3.3	—	26.1	—
	Badin	000	0	0	00	00	97	00	0	156	83	0	0	9	0	0	54	68	000	0	0	00	00	96	00	0	181	60	0	0	9	0	0	55	56	+ 3	0	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	958	76	0	0	9	0	0	61	79	000	0	0	00	00	98	00	0	037	69	0	0	9	0	0	58	64	—	—		0.1	—	38.5	—
	Umarkot	000	0	0	36	05	98	00	0	126	85	0	0	9	0	0	41	89	000	0	0	05	02	98	00	0	155	56	0	0	9	0	0	41	53	—	—		0.5	—	30.8	—
	Hyderabad	000	0	2	36	02	97	02	0	149	81	0	0	9	0	1	58	86	000	0	5	36	02	97	03	0	165	64	3	0	9	2	1	55	61	+ 3	+ 6	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	6	31	02	97	03	2	151	80	4	0	9	1	0	45	84	000	0	7	31	02	96	03	1	176	62	7	0	9	2	0	55	54	—	—		0.3	—	7.9	—
	Nawabshah	000	0	1	31	02	97	02	1	156	82	1	0	9	3	0	47	85	000	0	5	00	00	96	03	0	179	61	5	0	8	3	0	54	55	—	—		0.3	—	7.5	—
	Sukkur	000	0	6	02	02	96	03	2	147	75	0	0	9	0	8	55	80	000	9	8	00	00	96	03	2	170	62	8	0	9	6	x	59	59	—	—		0.8	—	5.3	4
	Kashmore	000	0	7	xx	xx	99	00	0	104	77	1	4	0	0	0	50	82	000	0	6	05	03	99	20	2	165	68	1	6	x	x	2	47	61	—	—		1.4	—	3.4	—
	Jacobabad	000	0	3	13	02	98	03	2	157	77	3	0	9	4	0	42	79	000	0	8	00	00	97	03	1	178	64	3	4	6	2	4	52	63		0	+ 13	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																																								28
Arabia	Jalalabad																																								—
	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								
	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Miagar																																								—
	Allahbad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	3	4	13	02	98	02	1	526	44	6	5	5	0	0	34	50	000	9	7	11	02	97	02	1	533	43	5	5	4	5	0	29	xx	— 3	×		5.0	+ 4.3	83.4	59
D. I. Peshawar	Drosh	000	0	8	00	00	96	03	2	546	48	8	5	6	x	x	37	49	025	7	8	00	00	96	03	6	551	42	8	5	6	x	x	40	41	— 11	0		3.9	—	34.5	18
	Chitral	000	2	8	36	09	97	03	5	536	50	8	6	6	x	x	37	60	000	0	3	36	07	98	03	6	536	50	3	0	9	7	0	35	49	— 1	+ 3	5.7	+ 5.3	37.1	29
	Kalat	000	7	6	05	97	02	2	525	55	2	5	7	3	1	38	62	000	9	7	03	02	97	03	2	526	50	6	5	7	0	1	37	47	—	—		4.4	—	59.4	—
	Landi Kotal	000	3	8	00	00	97	21	5	530	52	8	0	9	7	x	42	58	000	0	3	00	00	99	03	0	517	46	2	0	9	3	2	39	42	—	—		3.9	—	32.8	—
	Parachinar	000	0	8	00	00	99	02	2	801	49	2	1	9	2	1	40	xx	000	0	3	00	00	99	02	0	801	49	0	0	9	1	0	33	xx	—	—		5.6	—	31.7	29
	Miranshah	000	0	4	00	00	99	03	2	513	68	4	0	8	4	0	45	84	000	0	2	00	00	99	01	0	498	48	0	0	8	0	0	39	44	—	—		1.1	+ 1.1	11.5	13
	Wana	000	3	3	20	03	99	50	1	490	58	3	0	9	4	0	20	60	000	0	0	00	00	99	00	0	533	42	0	0	9	0	0	35	36	—	—		1.1	—	15.2	—
D. I. Khan	Fort Sandeman	000	0	8	34	03	97	20	2	535	65	8	0	6	8	x	40	68	000	0	4	20	01	97	01	1	517	45	4	0	9	1	0	40	45	+ 2	+ 10	4.8	+ 4.7	20.8	11
	Hindubagh	000	9	8	25	04	94	02	2	556	55	x	x	x	x	x	40	54	000	0	4	31	02	96	02	1	481	41	3	0	9	1	1	26	40	—	—		4.3	—	17.3	—
Quetta	Loralai	000	9	8	27	02	96	02	2	364	57	4	2	6	2	x	27	60	000	0	8	00	00	96	20	2	348	47	8	7	6	x	x	41	44	—	—		3.3	—	16.0	—
	Marwat	000	6	9	27	02	98	26	6	345	43	x	x	9	x	x	xx	xx	000	0	0	13	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—		5.9	+ 5.7	18.7	14
	Quetta	000	9	7	31	02	97	02	6	527	53	5	7	4	3	0	48	54	000	9	8	00	00	93	02	2	528	46	8	3	6	x	x	40	40	—	—		1.7	+ 1.5	11.1	8
	Chaman	000	9	8	27	02	96	02	2	526	55	8	7	7	x	x	41	59	000	0	0	13	01	96	00	0	535	45	0	0	9	6	0	35	41	— 4	+ 1	0.6	+ 0.4	6.8	7
Kalat	Kalat	000	8	8	34	10	97	02	2	531	47	8	7	6	x	x	45	53	030	8	8	18	05	96	01	6	415	42	8	7	6	x	x	42	40	— 6	+ 12	1.4	+ 1.2	13.3	9
	Nushki	000	8	8	00	00	97	03	0	567	61	8	7	6	x	x	51	64	000	0	8	00	00	97	03	9	578	54	8	4	6	x	x	46	50	—	—		0.7	—	3.6	—
Afghanistan	Dalbandin	000	6	7	09	10	96	03	2	527	61	1	5	7	7	0	50	64	016	6	8	09	02	95	50	6	525	50	5	6	6	7	x	48	50	— 5	+ 16	0.4	+ 0.3	2.6	5
	Panjgur	000	0	8	36	05	98	03	2	521	66	8	0	9	6	x	45	66	007	1	8	36	02	98	03	6	526	55	8	0	9	6	x	49	54	— 3	+ 14	0.1	—	4.2	4
	Kabul																																								12
	Kandahar																																								

Given Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch, h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mustali	63 215	686 00	0 09 09	98 03 0	143 78	00 9 00	74 40 0	—	0 00 70	1 09 32
Mustali	63 224	479 06	8 07 13	98 00 0	173 79	00 9 00	74 30 0	—	0 00 65	1 07 43
Cilicia	63 221	632 06	2 08 05	98 02 0	174 80	00 9 00	56 20 0	—	0 01 80	1 07 22
Leiderkerk	63 229	596 06	7 02 04	98 02 1	181 77	70 9 70	16 11 0	—	0 50 66	1 00 x0
Trevelyan	63 214	611 06	2 10 05	98 02 0	185 78	11 5 30	34 21 0	—	0 52 68	1 10 21
Iocardia	63 201	588 06	3 16 03	98 02 1	200 79	31 7 00	46 11 5	—	0 53 68	1 08 20
Santhia	63 219	691 06	0 33 09	98 05 0	157 79	00 9 00	75 10 2	—	0 00 55	1 33 32
Iocardia	63 195	583 09	2 16 03	98 01 0	180 81	21 8 00	46 61 5	—	0 00 70	1 09 40
Trevelyan	63 206	618 12	4 10 05	98 03 0	146 78	41 5 00	34 60 5	—	0 52 73	1 05 33
Iocardia	63 189	578 12	2 17 03	98 01 0	190 81	11 7 00	46 61 5	—	0 00 70	1 08 20
Riyadhmaru	63 232	606 12	5 32 12	97 02 1	203 82	12 4 30	36 72 5	—	0 02 xx	1 09 22
Leiderkerk	63 250	586 12	8 34 09	97 02 6	154 79	78 6 7x	75 60 8	—	0 01 66	1 34 21
Santhia	63 229	681 12	1 34 69	98 02 0	133 79	10 9 40	75 51 0	—	0 52 44	1 34 32
Cilicia	63 212	618 12	4 04 05	98 02 0	145 80	41 6 00	56 61 0	—	0 08 xx	1 04 x0
Dumra	63 249	645 18	8 02 05	98 61 6	174 73	87 4 xx	25 21 6	—	0 58 70	1 02 22
Cilicia	63 202	605 18	2 03 05	98 02 0	169 78	28 6 00	56 40 0	—	0 51 72	1 03 x0
Ledirkerk	63 252	575 18	2 35 04	98 01 8	178 73	28 5 00	76 20 8	—	0 55 63	1 35 21
Utrecht	63 170	563 18	3 07 07	98 03 0	164 77	32 4 00	16 20 2	—	0 54 66	1 07 21
Riyadhmaru	63 221	620 18	2 32 10	97 02 0	210 77	21 4 00	36 40 0	—	0 52 xx	1 32 21
Santhia	63 239	671 18	0 34 05	99 02 0	160 79	03 9 00	75 10 1	—	0 52 66	1 34 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	012 195 138	105 225 172	...	146 160 999	—	393 095 999	437 022 999	581 592 999	751 662 999	962 812	236 032	416 152	...
Jiwani														
Karachi	00 00	012 168 095	123 202 072	..	151 158 058	..	313 042 505	437 028 005	579 612 999	—	..	—	—	...
Lahore														
Multan														
Peshawar	23 00	976 115 098	...	..	150 142 122	...	310 002 002	433 575 575	573 658 658	739 182 999	941 918	205 092	...	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 142 102	..	...	—	..	...	...	—	..	900 142 102	—	..
Jiwani													
Karachi	00 00	952 222 575	900 188 612	800 112 642	—	—	—	—	—	—	800 112 642	—	—
Lahore													
Multan													
Peshawar	23 00	900 142 122	800 065 065	350 848 949	250 xxx xxx	176 120 999	—	—	—	—	176 120 999	—	—
Quetta													

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

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

UPPER WIND DATA*

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	01 05	01 05	36 06	24 04	23 06	25 07	—	—	—
Chaklala	—	—	—	—	—	—	—	—	—
Chhor	31 05	03 05	04 06	04 07	05 04	25 15	26 31	26 33	26 37
Chittagong	27 07	19 07	19 08	—	—	—	—	—	—
Cox's Bazar	32 07	34 03	31 04	29 09	—	—	—	—	—
Dacca	30 07	34 04	35 03	23 06	24 05	26 15	28 18	28 29	28 29
Dalbandin	—	—	08 10	01 06	29 05	24 20	26 20	—	—
D. I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	05 23	—	—	—	—
Fort Sandeman	—	—	—	31 11	29 11	23 06	—	—	—
Jacobabad	19 02	23 05	28 07	25 06	26 08	25 13	24 29	—	—
Jessore	32 08	32 08	33 07	25 07	26 11	27 08	—	—	—
Jhelum	00 00	30 03	27 03	29 07	29 05	33 04	23 09	24 20	25 29
Jiwani	23 04	28 05	27 10	—	—	—	—	—	—
Karachi	13 04	36 02	02 02	07 10	12 05	27 13	28 33	27 44	27 42
Khanpur	30 06	24 05	21 04	30 04	27 04	25 14	26 21	26 23	26 45
Lahore	13 04	32 05	27 08	28 16	28 16	28 10	27 12	—	—
Multan	18 11	20 15	20 15	24 13	29 12	29 06	25 08	26 22	—
[illegible]	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	31 06	34 12	34 01	11 01	22 09	—	—	—
Quetta	—	—	—	—	36 02	—	—	—	—
Sha-jub	—	—	—	—	—	—	—	—	—
Sylhet	11 03	10 03	13 03	13 03	22 03	25 13	—	—	—
Veraval	—	—	—	—	—	—	—	—	—

At 0000 hrs. G.M.T. of date (dd ff)

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

At 600 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	02 05	02 05	02 05	04 09	05 02	29 05	—	—	—	—	—
Chaklala	—	—	—	—	—	—	—	—	—	—	—
Chhor	—	—	—	—	—	—	—	—	—	—	—
Chittagong	30 05	22 02	20 07	23 20	23 26	24 31	27 23	27 26	29 25	—	—
Cox's Bazar	35 04	01 01	22 17	24 10	25 13	27 19	30 18	29 21	—	—	—
Dacca	31 04	34 05	34 05	28 07	24 07	27 13	27 20	28 22	28 22	29 22	26 54
Dalbandin	—	—	08 07	06 09	04 05	—	—	—	—	—	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	05 01	03 03	—	—	—	—	—
Fort Sandeman	—	—	—	12 03	12 03	23 11	—	—	—	—	—
Jacobabad	35 11	28 12	14 02	20 10	21 19	24 23	—	—	—	—	—
Jessore	36 04	36 06	36 08	29 11	29 09	27 15	29 20	29 17	27 17	—	—
Jhelum	31 03	31 09	30 07	26 05	22 04	18 06	25 17	—	—	—	—
Jiwani	33 05	26 06	26 07	29 12	28 25	28 37	26 27	28 35	27 44	27 78	—
Karachi	05 02	07 01	12 02	21 07	26 32	28 25	26 29	26 37	27 39	28 68	26 81
Khanpur	17 03	17 04	19 05	21 06	22 06	24 13	24 27	24 31	—	—	—
Lahore	35 03	30 07	30 08	28 12	29 10	31 11	28 10	24 25	24 26	25 52	24 39
Multan	30 04	27 04	26 04	25 04	26 10	—	—	—	—	—	—
[illegible]	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	13 06	13 03	33 19	36 03	16 04	—	—	—	—	—
Quetta	—	—	—	—	30 03	25 09	—	—	—	—	—
Sha-jub	—	—	—	—	—	—	—	—	—	—	—
Sylhet	08 09	07 06	05 06	15 05	17 07	21 10	26 16	27 24	29 26	27 33	—
Veraval	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g.p. a.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	34 04	04 04	05 04	14 03	24 13	24 15	28 18	29 21	28 26	27 26	29 36	28 53	27 77	26 76	..	—	—	..
Karachi	07 01	11 03	11 05	17 06	17 08	25 14	26 21	27 28	27 39	26 50	27 72	37 92	—	..	—	—	..	—
Peshawar	Missing	..	—	—	—	..	..	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

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

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

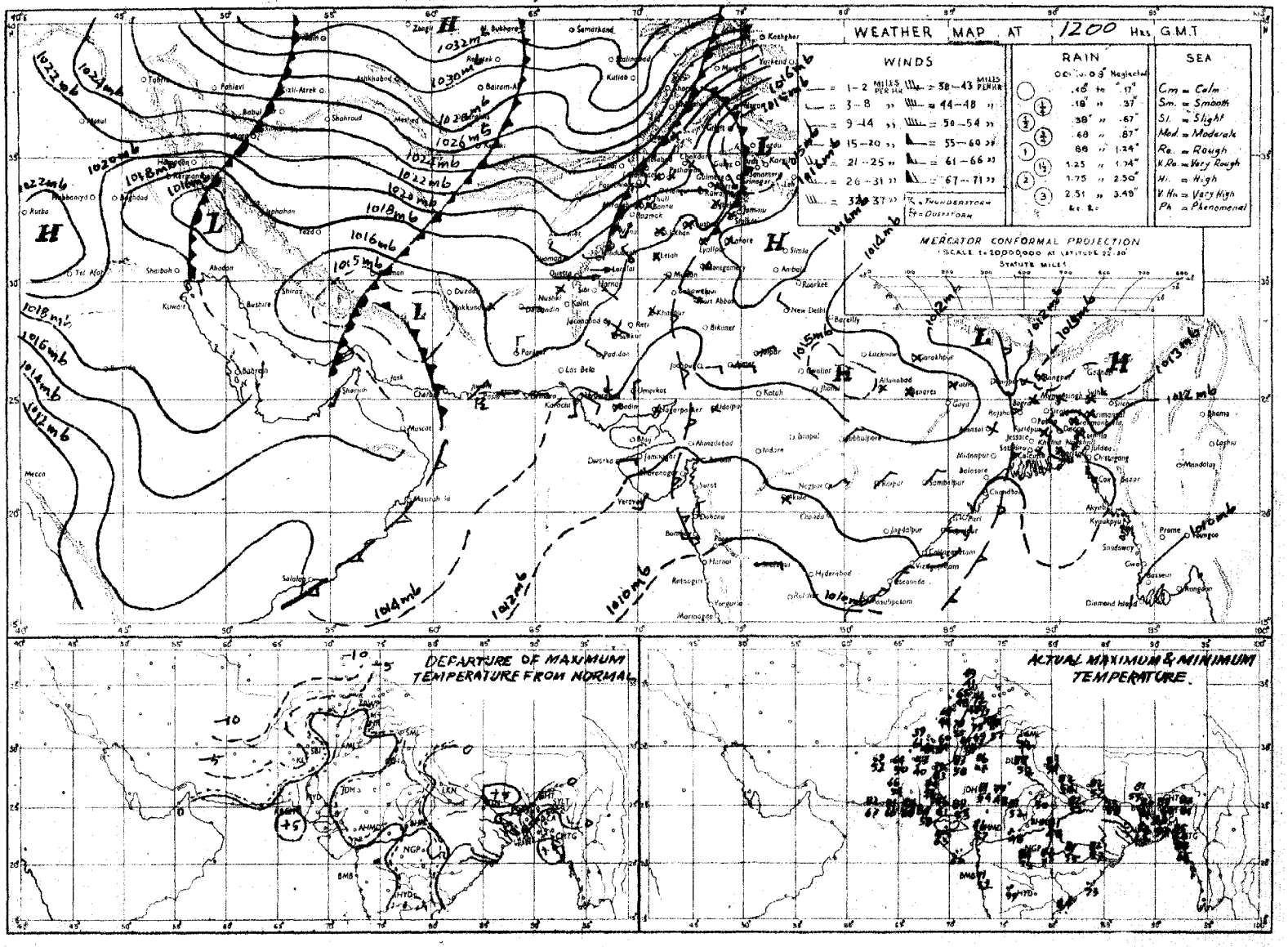
05 712 70 606
06 539 63 065 04 578 22 414

12 530 63 606

The unsuccessful individuals of 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, 27th NOVEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past hours

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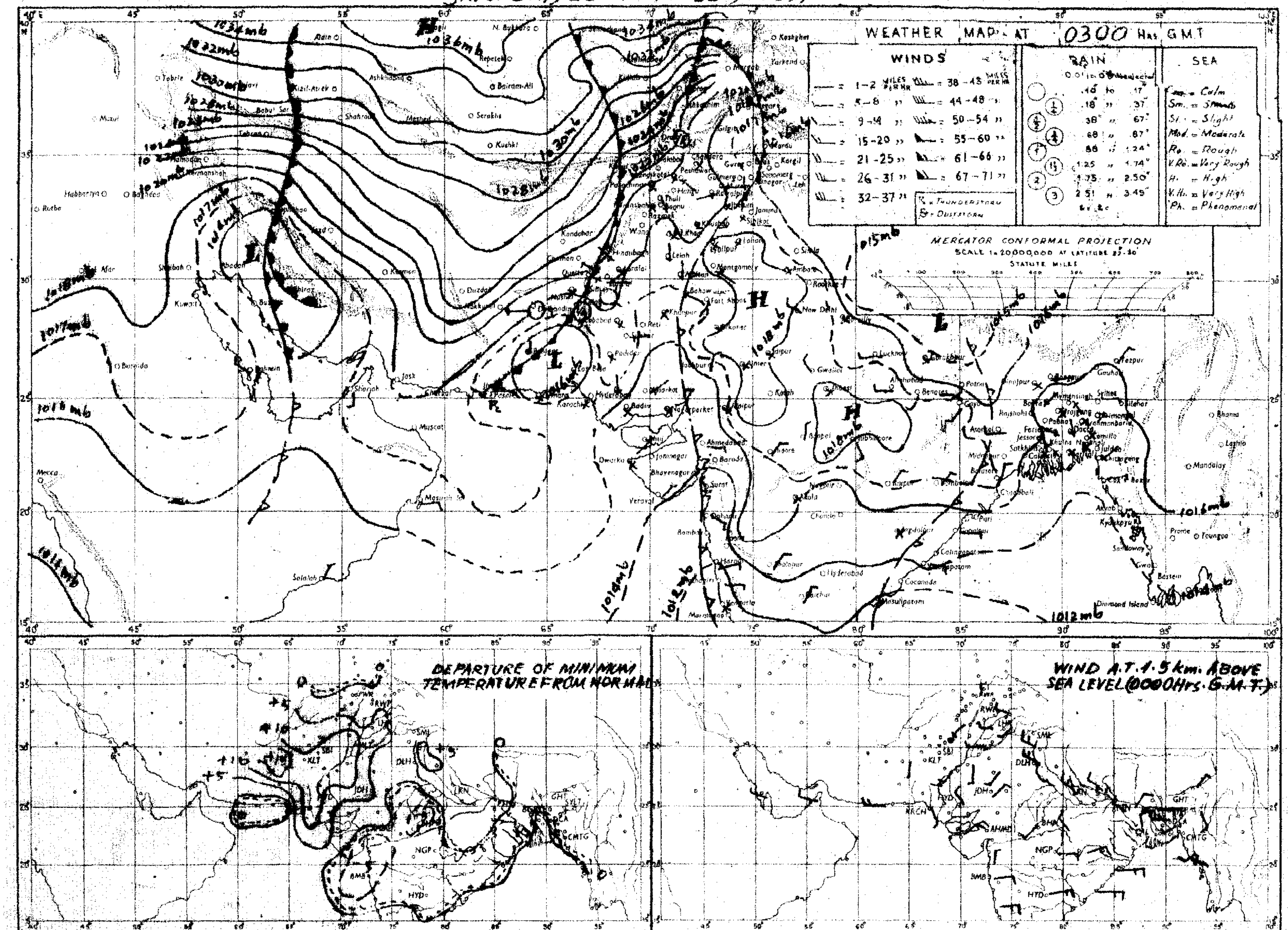
PAKISTAN DAILY WEATHER MAP

SATURDAY, 28th NOVEMBER, 1959,



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 29th NOVEMBER, 1959.

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

Yesterday's secondary western disturbance over Kalat division weakened and now lies as a trough of low over Quetta, D. I. Khan divisions. It has caused Scattered light rain in Peshawar and D. I. Khan divisions and isolated thunderstorms in south Kalat divisions.
The western disturbance over south west Iran lies over central Iran and has induced a secondary over east Persian Gulf and neighbourhood.
The well marked low in southwest Bay moved westwards and now lies off Malabar Coast.
Night temperatures were:- 10—11°F above normal in Lahore division and 3—8°F so elsewhere over West Pakistan outside the Federal Capital Area.
Forecast valid until the evening of 30th November, 1959. Weather will be dry over the country.

Karachi-11
The 29th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	29	02	95	01	0	127	75	0	0	9	0	4	65	84
	Chittagong	000	0	1	27	05	xx	01	0	118	73	1	0	9	1	0	64	83
	Maijdee Court	000	6	0	00	00	xx	00	0	118	72	0	0	9	0	0	70	82
	Comilla	000	0	0	00	00	94	00	0	119	75	0	0	9	0	0	67	81
	Brahmanbaria	000	0	3	00	00	xx	03	0	114	74	2	0	9	4	2	71	82
	Sylhet	000	0	3	00	00	xx	02	0	112	70	1	1	6	0	1	63	81
	Srimangal	000	0	2	00	00	xx	03	0	114	71	1	1	7	0	1	66	83
Dacca	Mymensingh	000	0	4	00	00	97	02	1	116	76	2	4	5	0	4	65	82
	Narayanganj	000	9	5	00	00	xx	03	1	114	74	0	9	9	0	8	63	82
	Dacca (Tejgaon)	000	9	4	36	02	97	01	2	112	71	0	0	9	0	1	61	81
	Faridpur	000	8	1	00	00	95	05	0	119	72	1	4	8	0	0	64	79
	Barisal	000	0	0	00	00	97	02	0	116	74	0	0	9	0	0	64	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	117	75	0	0	9	0	0	66	82
	Satkhira	000	0	0	00	00	98	00	0	121	74	0	0	9	0	0	62	81
	Jessore	000	0	4	36	03	97	01	1	122	78	4	4	6	0	0	60	81
	Sirajganj	000	0	8	00	00	98	20	2	119	71	0	0	9	0	4	65	83
	Bogra	000	0	1	00	00	xx	01	2	117	71	0	0	9	0	1	64	79
	Dinajpur	000	0	0	00	00	xx	00	0	119	73	0	5	9	0	0	63	81
	Rangpur	000	0	1	00	00	xx	01	0	xxx	71	1	0	9	1	0	59	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	00	00	96	02	1	146	68	4	0	9	7	2	55	73
	Sialkot	000	2	8	00	00	97	02	2	154	67	8	4	6	x	x	55	73
Rawalpindi	Jhelum	000	7	7	27	02	97	03	5	140	66	5	0	9	1	8	52	73
	Rawalpindi	000	0	5	29	02	98	02	1	148	61	5	0	9	4	0	49	71
	Khushab	000	0	4	00	00	99	03	0	147	72	4	3	6	0	0	54	77
Multan	Lyallpur	000	0	6	17	02	95	02	0	152	70	6	3	8	0	0	52	72
	Montgomery	000	0	8	18	05	96	05	0	156	65	8	0	8	7	x	53	75
	Multan	000	2	8	00	00	96	20	5	156	68	3	5	6	2	x	56	70
Bahawalpur	Leiah	000	1	8	31	05	97	50	5	159	67	8	7	7	x	x	53	68
	Khanpur	000	0	6	00	00	96	02	1	153	71	6	0	9	2	0	56	75
	Bahawalpur	000	0	8	29	02	96	03	2	154	73	8	0	9	6	x	54	74
	Fort Abbas	000	0	6	00	00	96	02	1	150	75	0	0	9	0	8	56	86
Peshawar	Chakdara	000	0	2	00	00	96	01	1	151	64	2	0	8	7	0	46	66
	Peshawar	000	0	6	00	00	97	09	1	152	65	6	8	6	0	0	50	70
	Haripur	000	3	4	23	02	97	02	1	132	61	4	5	6	0	0	47	66
	Campbellpur	000	0	6	05	02	97	02	1	193	68	0	0	9	0	8	44	73
D. I. Khan	Bannu	000	0	3	13	01	99	01	0	120	69	3	4	6	0	0	51	73
	D. I. Khan	000	6	5	00	00	98	03	0	163	68	0	0	9	0	5	56	73
Quetta	Sibi	005	9	6	11	02	92	03	5	165	67	6	9	3	0	0	59	68
Kalat	Nokkundi	000	0	0	00	00	99	02	0	150	68	0	0	9	0	0	46	70
	Turbat	000	0	0	23	02	98	00	0	149	85	0	0	9	0	0	65	85
	Jiwani	000	0	1	25	07	97	02	0	134	79	1	1	6	0	0	65	81
	Pasni	000	0	2	23	09	98	02	0	128	80	2	2	7	0	0	67	85
	Ormara	000	0	4	23	09	98	01	1	120	77	4	2	7	0	0	69	81
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	141	82	0	0	9	0	0	73	85
	Karachi (Air Port)	000	0	0	23	03	96	02	0	136	81	0	0	9	0	0	52	88
	Badin	000	0	0	00	00	97	00	0	127	82	0	0	9	0	0	52	87
	Nagarparkar	000	0	0	00	00	98	00	0	116	77	0	0	9	0	0	60	79
	Umarkot	000	0	0	31	05	98	00	0	117	83	0	0	9	0	0	49	85
	Hyderabad	000	0	0	36	02	97	02	0	132	80	0	0	9	0	0	51	85
Khairpur	Pad-i-dan	000	8	0	36	05	97	02	5	139	76	0	0	9	0	0	52	79
	Nawabshah	000	0	2	36	07	97	02	0	145	79	2	0	9	3	0	48	82
	Sukkur	000	8	5	02	03	96	02	1	143	73	0	0	9	0	8	54	77
	Kashmore	000	0	6	00	00	99	02	1	140	77	6	1	6	0	0	50	82
	Jacobabad	002	6	3	31	03	97	01	6	153	73	3	0	9	3	0	54	74
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	8	09	05	98	02	2	035	31	0	0	9	0	2	32	38
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	6	05	02	97	02	6	512	42	4	3	3	5	0	29	50
Peshawar	Drosh	010	6	6	00	00	96	01	6	520	46	3	5	6	3	0	42	52
	Cherat	000	0	0	36	03	98	00	0	512	52	0	0	9	0	0	38	59
	Kakul	001	4	6	27	02	96	20	6	508	54	4	5	7	3	0	42	61
	Landi Kotal	000	0	5	00	00	98	02	1	504	54	5	0	9	3	0	41	64
D. I. Khan	Parachinar	000	0	5	13	02	99	02	1	804	44	4	0	9	1	1	38	xx
	Miranshah	000	0	0	05	05	99	00	0	486	61	0	0	9	0	0	38	67
	Wana	000	0	0	23	02	99	00	0	382	60	0	0	9	0	0	20	62
	Fort Sandeman	000	0	6	31	01	98	01	1	532	58	6	0	9	2	0	42	63
Quetta	Hindubagh	000	7	0	25	08	98	00	1	477	54	0	0	9	0	0	27	56
	Loralai	000	0	6	13	03	97	02	1	364	53	3	2	7	2	0	43	56
	Harnai	000	6	9	27	02	96	21	6	xxx	xx	9	x	0	x	x	xx	xx
	Quetta	000	0	6	31	02	94	02	0	512	53	6	9	6	0	0	31	53
	Chaman	000	0	0	27	02	96	00	0	511	57	0	0	9	0	0	29	60
Kalat	Kalat	005	8	4	36	09	97	01	5	543	44	4	1	7	0	0	41	46
	Nushki	000	0	1	27	05	98	01	0	567	61	1	0	9	1	0	47	63
	Dalbandin	000	8	3	09	05	97	03	5	522	61	2	1	7	3	0	46	62
	Panjgur	000	0	0	36	05	98	00	9	514	64	0	0	9	0	0	43	64
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 November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	2	02	03	97	03	0	143	75	0	0	9	0	4	64	63	+ 1	— 1	0	— 3.2	141.1	143
	Chittagong	000	0	0	09	05	96	02	1	148	71	0	0	9	0	0	65	59	+ 2	— 3	0	— 2.1	142.0	108
	Maijdee Court	000	9	0	00	00	98	00	4	151	73	0	0	9	0	0	70	67	+ 1	+ 5	0	— 1.5	144.7	115
	Comilla	000	0	0	03	00	97	00	0	129	72	0	0	9	0	0	66	59	0	— 1	0	— 1.3	107.7	94
	Brahmanbaria	000	0	1	00	00	97	01	0	152	77	1	0	9	2	0	70	62	—	—	0	— 1.0	85.3	76
	Sylhet	000	0	4	09	05	97	01	1	145	70	2	5	5	8	1	62	61	—	—	0	—	193.9	—
	Srimangal	000	0	2	00	00	96	03	0	147	69	2	1	7	0	0	63	54	— 2	— 1	0	— 1.4	109.4	98
Dacca	Mymensingh	000	0	4	00	00	97	02	1	155	70	2	4	5	0	5	63	62	+ 2	+ 1	0	— 0.9	113.3	91
	Narayanganj	000	9	1	00	00	95	42	4	149	73	0	0	9	0	8	63	63	+ 2	+ 1	0	— 0.9	102.9	74
	Dacca (Tejgaon)	000	0	1	27	02	96	02	0	145	71	1	0	9	3	0	65	58	—	—	0	—	102.6	—
	Faridpur	000	0	0	36	02	95	05	0	145	71	0	0	9	0	0	65	59	— 1	0	0	— 1.1	116.7	71
	Barisal	000	0	0	00	00	97	00	0	146	72	0	0	9	0	0	66	65	0	+ 4	0	— 1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	156	75	0	0	9	0	0	64	61	+ 1	+ 2	0	— 1.1	102.0	61
	Satkhira	000	0	0	36	01	98	00	0	155	69	0	0	9	0	0	58	60	— 2	+ 3	0	— 0.7	82.1	65
	Jessore	000	0	0	31	03	97	00	0	153	68	0	0	9	0	0	61	57	—	—	0	— 0.9	103.0	65
	Sirajganj	000	0	4	00	00	97	03	0	149	68	4	0	9	5	0	63	61	—	—	0	— 0.7	107.7	64
	Bogra	000	0	5	05	02	96	02	1	150	67	2	5	6	7	8	63	60	— 1	+ 1	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	155	70	0	0	9	0	0	60	56	+ 1	— 1	0	— 0.4	66.9	73
	Rangpur	000	0	1	05	02	96	01	0	xxx	66	1	0	9	1	0	63	57	0	0	0	— 0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	002	9	0	00	00	95	10	5	185	56	0	0	9	0	0	54	54	— 5	+ 11	1.1	— 1.0	27.1	19
	Sialkot	000	0	0	00	00	97	00	0	173	62	0	0	9	0	0	55	56	— 2	+ 10	3.1	+ 3.0	41.0	32
Rawalpindi	Jhelum	000	2	1	00	0	95	10	5	187	55	1	0	9	3	0	53	53	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	0	00	00	94	00	0	198	47	0	0	9	0	0	46	46	— 1	+ 5	3.1	+ 2.9	55.5	34
	Khushab	000	0	0	00	00	99	00	0	199	52	0	0	9	0	0	43	49	— 1	+ 3	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	5	16	02	95	02	0	193	53	5	0	9	4	0	51	53	— 4	+ 8	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	195	56	0	0	9	0	0	54	52	— 3	+ 4	0.1	+ 0.1	8.5	10
	Multan	000	0	0	00	00	94	05	0	196	59	0	0	9	0	0	53	54	— 7	+ 7	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	03	03	98	00	0	166	54	0	0	9	0	0	51	47	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	02	03	96	02	0	189	58	0	0	9	0	0	53	52	— 6	+ 5	0.1	0	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	201	61	0	0	9	0	0	57	52	— 5	+ 3	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	07	02	98	00	0	190	59	0	0	9	0	0	53	49	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	197	46	0	0	9	0	0	38	44	—	—	5.4	—	31.9	—
	Peshawar	000	0	1	18	02	98	02	1	200	50	0	0	9	0	1	41	49	— 1	+ 4	5.0	+ 4.7	38.5	14
	Haripur	000	0	0	23	04	97	00	0	164	52	0	0	9	0	0	41	46	—	—	4.0	—	35.2	—
	Campbellpur	000	0	0	00	00	98	00	0	203	49	0	0	9	0	0	45	49	—	—	3.2	—	39.1	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	196	55	0	0	9	0	0	42	50	—	—	2.4	—	15.2	11
	D. I. Khan	600	0	0	31	02	98	00	0	190	53	0	0	9	0	0	47	47	— 3	+ 3	1.6	+ 1.5	16.5	10
Quetta	Sibi	005	2	4	00	00	98	03	0	189	52	4	0	9	3	0	50	51	—	—	4.1	—	9.4	3
Kalat	Nokkundi	000	0	0	L0	00	98	02	0	2L9	55	0	0	9	0	0	43	52	—	—	0.5	—	1.6	2
	Turbat	000	0	0	09	02	97	00	0	114	69	0	0	9	0	0	54	xx	—	—	1.6	—	0.9	—
	Jiwani	000	0	1	02	03	97	03	0	156	67	1	0	9	4	0	63	65	—	—	0.8	—	7.5	4
	Pasni	000	0	0	07	05	98	00	0	159	73	0	0	9	0	0	69	65	+ 4	+ 8	0.3	+ 0.1	3.4	6
	Ormara	000	0	3	00	00	98	01	0	156	72	3	0	9	4	0	66	65	—	—	2.7	+ 2.7	6.0	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	12	97	02	0	170	66	0	0	9	0	0	47	64	+ 4	+ 1	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	172	62	0	0	9	0	0	52	59	—	—	3.3	—	28.1	—
	Badin	000	0	0	23	02	96	00	0	169	61	0	0	9	0	0	55	57	+ 2	+ 1	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	150	70	0	0	9	0	0	56	65	—	—	0	—	30.5	—
	Umarkot	000	0	0	02	03	98	00	0	159	55	0	0	9	0	0	39	57	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	03	96	10	0	177	61	0	0	9	0	0	55	60	+ 2	+ 5	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	185	59	1	0	9	1	0	54	55	—	—	0.3	—	7.9	—
	Nawabshah	000	0	1	00	00	96	02	0	190	58	0	0	9	3	0	53	55	—	—	0.3	—	7.5	—
	Sukkur	000	4	0	00	00	96	02	0	182	57	0	0	9	0	0	54	55	—	—	0.8	—	3.3	4
	Kashmore	000	0	0	05	05	99	00	0	196	65	0	0	9	0	0	48	50	—	—	1.3	—	3.4	—
	Jacobabad	002	9	0	31	02	98	02	0	185	55	0	0	9	0	0	52	53	— 4	+ 3	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							24
	Leh																							3
	Skardu																							6
	Misgar	...	..	..	—	..	..	..	—	...		..	—	..	..	..	—	...	—	—				—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	002	9	0	07	05	98	02	1	530	41	0	0	9	0	0	32	37	— 3	— 1	5.0	+ 4.3	83.4	59
Peshawar	Drosh	015	9	4	00	00	96	03	6	539	40	4	7	4	0	0	37	39	— 8	— 2	4.0	—	34.7	18
	Cherat	000	0	0	04	03	98	00	0	529	50	0	0	9	0	0	34	48	— 7	+ 2	5.7	+ 5.3	37.1	23
	Kakul	001	0	0	09	05	99	00	0	528	52	0	0	9	0	0	37	xx	—	—	4.5	—	59.4	—
	Landi Kotal	000	0	0	00	09	99	00	0	515	44	0	0	9	0	0	38	39	—	—	3.9	—	32.8	—
D. I. Khan	Parachinar	010	0	1	00	00	99	02	0	802	37	1	0	9	1	0	31	xx	—	—	5.7	—	33.7	29
	Miranshah	000	0	0	00	00	99	00	0	506	40	0	0	9	0	0	33	44	—	—	1.1	+ 1.1	8.1	13
	Wana	000	0	0	00	00	99	00	0	522	38	0	0	9	0	0	27	34	—	—	1.1	—	15.2	—
	Fort Sandeman	000	0	0	23	01	98	00	0	501	43	0	0	9	0	0	31	41	— 3	+ 6	4.8	+ 4.7	20.8	41
Quetta	Hindubagh	000	0	0	23	03	98	00	0	502	50	0	0	9	0	0	31	39	—	—	4.3	—	17.3	—
	Loralai	000	0	4	23	03	97	01	1	336	36	0	0	9	0	1	25	35	—	—	3.3	—	16.0	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.7	18.7	14
	Quetta	000	9	5	00	00	93	02	2	527	45	3	0	9	2	2	34	30	—	—	1.7	+ 1.5	11.1	8
	Chaman	000	9	0	13	01	97	00	0	540	43	0	0	9	0	0	29	39	— 3	— 1	0.6	+ 0.4	6.8	7
Kalat	Kalat	005	0	1	00	00	97	01	1	557	35	1	0	7	3	0	33	31	— 13	+ 3	1.4	+ 1.2	13.4	9
	Nushki	000	0	0	18	02	98	02	0	585	42	0	0	9	0	0	39	46	—	—	0.7	—	3.6	—
	Dalbandin	000	9	6	09	02	96	03	1	526	43	1	5	7	4	0	39	42	— 7	+ 8	0.4	+ 0.3	2.6	5
	Panjgur	000	0	2	05	03	98	03	0	527	56	2	0	9	4	0	44	48	— 5	+ 8	0.1	—	4.2	4
Afghanistan	Kabul																							12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Cilicia	—	—	—	73 192	593 00	1 04 13	98 02 0	148 76	11 6 00	56 60 4	—	0 53 73	1 04 22
Riyadhmaru	—	—	—	73 210	633 00	0 36 06	97 02 0	190 75	00 9 00	36 71 0	—	0 04 xx	1 36 21
Utrecht	—	—	—	73 194	581 06	2 09 09	98 02 0	170 77	22 4 00	16 21 3	—	0 51 70	1 09 21
Riyadhmaru	..	..	—	73 199	648 06	0 36 10	98 02 0	195 82	00 9 01	36 40 0	—	0 02 xx	1 36 21
Riyadhmaru	—	..	.	73 188	664 12	0 03 15	98 02 0	163 82	00 9 00	36 72 0	—	0 02 xx	1 04 22
Utrecht	..	—	..	73 208	593 12	2 08 09	98 02 0	134 79	22 4 00	16 61 3	—	0 51 72	1 18 21
Dumra	—	—	—	73 236	674 18	0 07 05	98 02 0	150 77	00 9 00	35 10 3	—	0 53 68	1 07 20
Iphigenia	..	—	—	73 194	583 18	2 08 10	98 02 0	153 77	21 3 00	15 30 4	—	0 03 70	1 08 23
Utrecht	—	..	—	73 223	600 18	1 06 06	98 02 0	161 77	11 4 00	86 22 7	—	0 50 68	1 06 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	23 00	012 185 145	106 222 182	—	150 175 999	—	314 115 999	441 048 999	586 562 999	759 628 999	972 782	248 000	—	—
Jiwani	—													
Karachi	00 00	013 150 115	125 165 118	..	150 132 002	..	311 020 999	433 540 999	573 610 999	742 708 999	..	—	—	—
Lahore	—													
Multan	—													
Peshawar	23 00	974 118 085	—	..	149 098 082	—	307 525 578	428 618 668	565 702 999	727 792 999	928 902	—	—	..
Quetta	—													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	23 00	900 175 122	878 155 112	—	—	..	—	—	—	..	878 155 112	—	—
Jiwani	—												
Karachi	00 00	953 185 052	900 162 032	800 092 508	—	—	—	—	—	—	800 092 508	—	—
Lahore	—												
Multan	—												
Peshawar	23 00	923 140 080	900 128 072	800 062 005	350 848 999	278 935 999	—	—	—	—	278 935 999	—	—
Quetta	—												

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	01 04	01 03	02 05	05 05	—	—	—	—	—
Chaklala	..	—	—	..	..	—	—	—	—
Chhor	..	—	—	..	..	—	..	—	—
Chittagong	24 03	19 03	21 05	23 12	23 16	—	—	—	—
Cox's Bazar	31 03	29 04	27 07	24 08	26 14	—	—	—	..
Dacca	30 07	27 01	33 02	28 03	28 10	27 17	29 17	29 21	29 23
Dalbandin	—	—	09 08	07 14	25 07	29 12	27 28	28 30	29 47
D. I. Khan	..	—	—	—	—	—	—	..	—
Drosh	—	—	—	—	06 .8	21 02	22 03	—	—
Fort Sandeman	—	—	—	09 01	20 03	30 14	—	..	—
Jacobabad	34 07	34 05	31 03	26 09	27 17	26 17	26 45	..	—
Jessore	35 07	35 10	35 05	31 11	32 15	29 17	..	—	—
Jhelum	31 02	31 05	32 07	30 06	26 09	21 09	24 19	—	—
Jiwani	32 07	32 10	33 11	29 16	29 23	28 23	27 29	27 29	28 45
Karachi	24 06	26 03	33 02	33 08	31 17	29 19	28 27	28 27	27 35
Khanpur	02 12	01 12	36 07	22 08	21 12	22 18	—	—	—
Lahore	32 05	31 10	30 10	28 13	28 12	21 04	26 12	25 18	—
Multan	01 07	32 04	29 06	24 07	23 21	—	—	..	..
Muscat	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..
Peshawar	—	23 05	31 06	34 09	35 07	29 03	..	..	—
Quetta	—	..	—	—	32 11	30 12	29 35	27 38	—
Sharjah	—	—	—	—	—	..	—	..	—
Sylhet	13 04	09 03	09 03	10 04	08 02	19 06	—	..	..
Veraval	—	—	—	—	—	—	—	—	—

A 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	02 03	02 04	04 05	05 06	06 05	..
Chaklala	..	—	—	..	—	..
Chhor	07 13	05 07	01 35	35 04	31 06	30 12
Chittagong	04 06	06 04	17 08	22 10	25 12	28 19
Cox's Bazar	36 07	35 03	20 08	26 11	27 11	29 15
Dacca	04 04	04 03	05 03	30 02	29 10	30 17
Dalbandin	—	—	07 14	08 13	32 03	24 03
D. I. Khan	—	—	—	—	—	—
Drosh	—	..	—	19 06	18 03	21 05
Fort Sandeman	—	—	..	21 06	35 05	32 03
Jacobabad	33 05	33 08	35 06	34 06	27 08	29 11
Jessore	01 07	36 07	36 07	33 08	30 08	30 19
Jhelum	01 02	33 08	34 10	31 10	23 05	25 07
Jiwani	35 09	10 02	12 02	31 10	25 08	28 21
Karachi	07 17	09 .5	10 03	13 03	07 26	30 14
Khanpur	11 10	12 03	31 02	06 04	30 04	24 09
Lahore	04 08	65 10	06 06	36 04	33 07	30 09
Multan	..	—	..	—	—	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—
Peshawar	..	32 05	33 07	34 09	33 12	31 09
Quetta	—	..	—	—	31 03	35 06
Sharjah	—	—	—	—	—	—
Sylhet	07 11	04 06	12 05	15 11	16 06	27 14
Veraval	—	—	—	—	—	—

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	9 0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	36 05	34 02	34 02	xx xx	xx xx	xx xx	31 10	—	—	..	—
Chaklala	—	..	..	..	—	—	..	—	..	—	—
Chhor	..	—	..	—	—	—	—	—	—	—	..
Chittagong	30 07	24 04	20 11	22 15	23 13	27 19	27 27	27 24	27 26	27 47	—
Cox's Bazar	26 01	21 10	22 15	24 15	26 15	28 16	27 20	27 31	27 35	—	—
Dacca	30 06	31 05	30 03	26 06	27 07	26 14	27 29	28 33	27 35	26 49	27 70
Dalbandin	..	—	05 07	07 16	14 04	28 07	26 19	27 39	26 51	25 60	—
D. I. Khan	—	..	—	—	—	—	—	—	—	—	—
Drosh	—	..	—	—	05 04	07 05	01 12	—	—	—	—
Fort Sandeman	..	—	—	20 02	20 02	06 03	27 21	26 38	25 44	—	—
Jacobabad	35 06	35 06	36 05	25 07	27 10	26 15	28 30	27 41	—	—	—
Jessore	31 09	36 09	36 07	31 10	29 16	27 18	28 24	28 29	27 35	27 47	—
Jhelum	31 06	31 09	30 05	23 03	25 03	30 06	29 20	28 25	28 29	..	—
Jiwani	11 09	11 08	13 12	16 09	25 06	26 22	26 32	27 51	27 47	..	—
Karachi	05 13	06 11	06 09	09 09	10 05	31 17	29 22	27 27	27 37	—	—
Khanpur	03 03	15 05	13 03	11 04	25 06	24 08	28 19	27 23	27 37	09 42	..
Lahore	25 03	32 04	31 07	33 08	35 08	31 11	29 27	30 40	29 41	26 48	..
Multan	24 01	23 01	03 01	08 04	02 05	25 04	30 16	28 30	27 39	28 47	..
Muscat	—	—	—	—	..	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	..	—	—	—	—
Peshawar	—	..	—	—	—	—	..	—	..	—	—
Quetta	..	..	—	..	23 01	21 05	27 27	28 26	27 35	—	..
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	06 02	06 03	12 03	18 04	24 05	26 17	27 33	28 38	28 52	—	—
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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	03 03	03 04	04 04	01 04	30 10	29 21	28 33	27 40	27 47	26 76	27 74	77 26	77 10	—	..	—	—	..
Karachi	04 21	08 10	09 05	11 03	08 03	06 05	29 27	29 28	29 45	28 57	27 87	—	—	..	—	—	—	—
Peshawar	Misda	..	—	—	—	..	..	—	—	—	—	—	—	..	—	—	—	—
Quetta																		

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

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

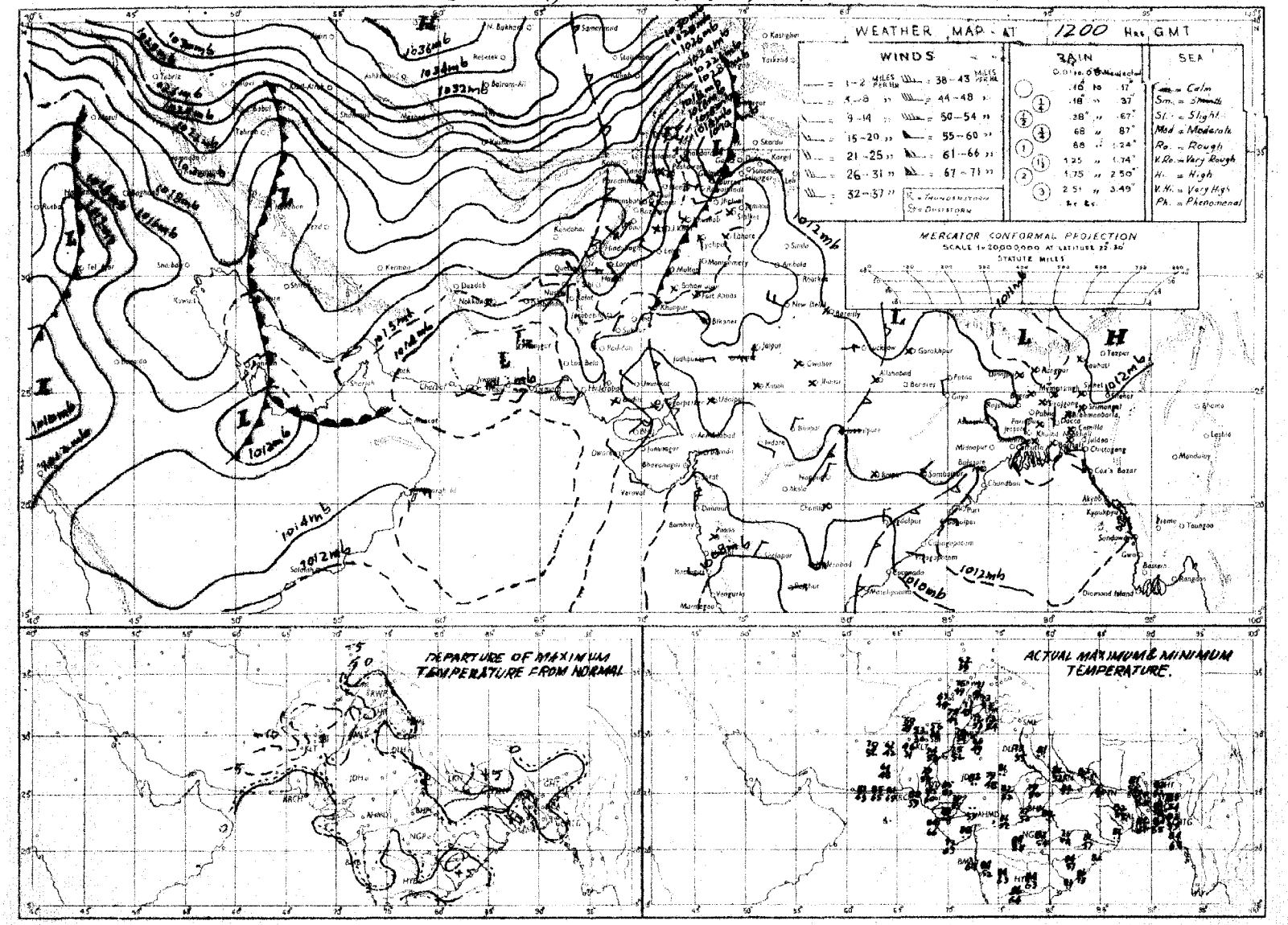
05 712 32 736

11 715 32 523

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 28th NOVEMBER, 1959.



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

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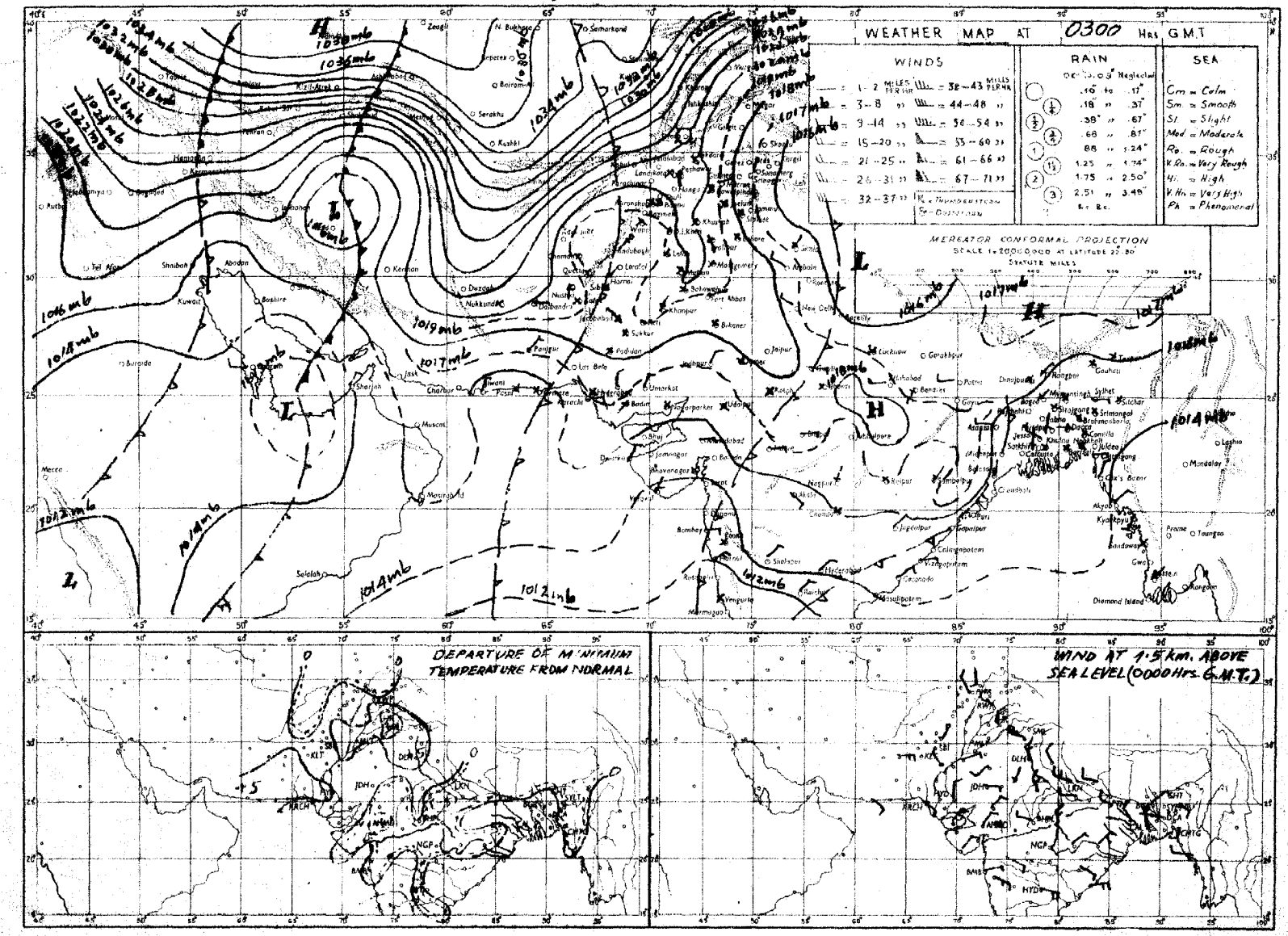
PAKISTAN DAILY WEATHER MAP

SUNDAY, 29th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 30th NOVEMBER, 1959.

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

Yesterday's western disturbance over central Iran is now moving across D. I. Khan division. Its secondary lies over southeast Iran with its trough extending to Oman.
Scattered light rain/drizzle have been reported from Quetta, and Kalat divisions.
A fresh western disturbance lies over Iraq and adjoining Saudi Arabia.
The well marked low off Malabar Coast moved westwards and now lies near Latedive islands in southeast Arabian Sea.
Weather remained dry in East Pakistan.
Kalat and Quetta have recorded ¼" of rainfall.
Night temperatures were:- 3—9°F above normal in West Pakistan outside the Federal Capital Area.
Forecast valid until the evening of 1st December, 1959. Local rain/thundershowers will occur in Kalat, Quetta and D. I. Khan divisions and scattered in Peshawar, Rawalpindi and Lahore divisions and Kashmir.

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WEATHER BUREAU

Karachi-11
The 30th November, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	123	74	0	0	9	0	6	64	81
	Chittagong	000	0	1	27	05	xx	01	1	121	71	0	0	9	0	0	64	81
	Faujdar Court	000	9	0	00	00	xx	10	0	122	72	0	0	9	0	0	69	82
	Comilla	000	0	0	00	00	94	00	0	118	74	0	0	9	0	0	66	87
	Brahmanbaria	000	0	2	00	00	xx	01	0	111	75	0	0	9	2	4	71	87
	Sylhet	000	0	1	27	02	xx	01	0	112	72	1	0	9	7	0	63	82
	Srimangal	000	0	3	00	00	xx	02	0	117	72	2	1	7	0	1	64	82
Dacca	Mymensingh	000	0	2	00	00	97	01	1	114	75	0	0	9	0	4	64	82
	Narayanganj	000	9	2	00	00	xx	03	0	112	73	2	0	9	3	0	63	83
	Dacca (Tezgaon)	000	0	2	31	02	98	01	0	111	71	0	0	9	0	1	61	81
	Faridpur	000	8	0	00	00	95	00	0	127	78	0	4	9	0	0	65	79
	Barisal	000	0	0	00	00	97	02	1	114	75	0	0	9	0	0	62	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	124	76	0	0	9	0	0	64	xx
	Satkhira	000	0	0	00	00	98	00	0	125	72	0	0	9	0	0	65	82
	Jessore	000	0	0	36	02	97	00	0	130	77	0	0	9	0	0	59	80
	Sirajganj	000	0	0	00	00	92	00	0	093	72	0	0	9	0	0	64	82
	Bogra	000	0	0	00	00	xx	00	1	114	71	0	0	9	1	0	63	79
	Dinajpur	000	0	0	00	00	xx	00	0	115	74	0	0	9	0	0	63	82
	Rangpur	000	0	0	00	00	96	00	0	xxx	71	0	0	9	0	0	63	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	167	69	0	0	9	0	0	55	74
	Sialkot	000	0	0	00	00	97	00	0	156	67	0	0	9	0	0	53	74
Rawalpindi	Jhelum	000	0	0	31	02	96	02	0	166	69	0	0	9	0	0	47	76
	Rawalpindi	000	0	2	27	02	99	01	1	177	66	0	0	9	0	8	48	69
	Khushab	000	0	0	00	00	99	00	0	163	77	0	0	9	0	0	49	79
Multan	Lyallpur	000	0	0	25	02	96	00	0	162	7	0	0	9	0	0	51	78
	Montgomery	000	0	0	00	00	96	00	0	176	72	0	0	9	0	0	60	75
	Multan	000	0	4	00	00	97	02	0	169	71	0	0	9	2	1	53	75
Bahawalpur	Leiah	000	0	0	15	02	96	02	0	164	75	0	0	9	0	0	56	78
	Khanpur	000	0	4	00	00	97	03	0	166	73	0	0	9	0	1	56	76
	Bahawalpur	000	0	0	02	02	98	00	0	148	73	0	0	9	0	0	54	78
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	00	00	96	00	0	149	65	0	0	9	0	0	41	68
	Peshawar	000	0	1	10	00	97	01	1	179	67	1	1	6	0	0	53	74
	Haripur	000	5	3	05	04	97	02	1	177	61	3	0	9	9	0	42	66
	Campbellpur	000	0	0	05	02	98	00	0	192	65	0	0	9	0	0	45	75
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	164	68	0	0	9	0	0	51	74
	D. I. Khan	000	6	0	00	00	98	00	0	168	72	0	0	9	0	0	55	76
Quetta	Sibi	000	0	0	27	02	99	00	0	164	78	0	0	9	0	0	46	79
Kalat	Nokkundi	000	2	8	18	02	96	58	0	159	63	0	0	9	2	0	48	67
	Turbat	000	0	0	33	02	98	00	0	146	79	0	0	9	0	0	65	85
	Jiwani	000	0	5	13	09	97	03	1	138	79	2	1	6	4	0	61	81
	Pasni	000	0	1	13	10	98	00	0	140	79	1	2	7	0	0	72	81
	Ormara	000	0	3	13	09	98	01	1	137	77	3	2	7	0	0	69	80
	Las Bela	000	0	0	xx	xx	98	00	0	129	85	0	0	9	0	0	43	89
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	12	98	02	0	142	80	0	0	9	0	0	64	84
	Karachi (Air Port)	000	0	0	05	05	97	02	0	143	81	0	0	9	0	0	48	85
	Badin	000	0	0	00	00	97	00	0	127	81	0	0	9	0	0	48	84
	Nagarparkar	000	0	0	00	00	98	00	0	125	78	0	0	9	0	0	61	80
	Umarkot	000	0	0	36	07	98	00	0	128	84	0	0	9	0	0	35	86
	Hyderabad	000	0	0	36	03	97	02	0	148	79	0	0	9	0	0	50	82
Khairpur	Pad-i-dan	000	0	0	31	05	97	02	0	159	76	0	0	9	0	0	53	79
	Nawabshah	000	0	0	36	05	97	02	0	159	79	0	0	9	0	0	48	80
	Sukkur	000	0	3	00	00	96	03	1	154	75	0	0	9	0	3	56	79
	Kashmore	000	0	0	00	00	99	00	0	156	74	0	0	9	0	0	48	77
	Jacobabad	000	0	2	18	03	97	03	0	161	76	2	0	9	4	0	50	79
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	05	02	58	00	0	537	42	0	0	9	0	0	36	59
Peshawar	Drosh	000	0	0	36	03	98	00	0	513	53	0	0	9	0	0	35	59
	Cherat	000	8	1	13	02	98	01	1	532	55	1	4	6	0	0	41	63
	Kakul	000	0	0	23	02	99	00	0	525	55	0	0	9	0	0	35	60
	Landi Kotal	000	0	0	00	00	99	00	0	002	51	0	0	9	0	0	38	59
	Parachinar	000	0	0	00	06	99	00	0	574	62	0	0	9	0	0	34	68
D. I. Khan	Miranshah	000	0	0	13	02	99	00	0	509	57	0	0	9	0	0	23	62
	Wana	000	0	2	27	01	98	01	0	xxx	xx	0	0	9	0	0	38	62
	Fort Sandeman	000	0	0	07	05	98	00	0	496	54	0	0	9	0	0	23	57
Quetta	Hindubagh	000	0	0	09	02	58	00	0	351	57	0	0	9	0	0	32	62
	Loralai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai	000	0	5	00	00	95	02	0	509	53	0	0	7	1	0	40	59
	Quetta	000	0	0	27	02	97	00	0	519	57	0	0	9	0	0	25	59
	Chaman	000	9	3	00	00	98	01	2	517	51	3	1	7	0	0	43	56
Kalat	Kalat	000	0	4	31	11	98	03	0	572	60	4	0	9	1	0	45	67
	Nushki	000	8	4	05	05	97	03	1	519	64	3	8	7	3	0	39	65
	Dalbandin	000	[illegible]	3	23	03	98	03	1	519	72	0	0	9	4	0	41	73
	Panjgur																	
Afghanistan	Kabul																	
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † 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: Maximum Temperature	Departure: Minimum Temperature TnTn	Rainfall: Since 1st November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	36	03	97	03	0	148	74	1	1	7	0	6	63	61	— 2	— 3	0	— 3.3	141.1	140
	Chittagong	000	0	1	07	02	96	02	0	157	72	1	0	9	2	0	65	59	0	— 3	0	— 2.2	142.0	108
	Faujdar Court	000	9	4	00	00	97	03	1	152	71	0	0	9	0	1	65	59	+ 1	— 3	0	— 1.3	144.7	115
	Comilla	000	0	0	00	00	97	00	0	149	70	0	0	9	0	0	65	60	0	0	0	— 1.3	107.7	94
	Brahmanbaria	000	0	2	00	00	96	03	1	154	74	2	0	9	4	0	69	64	—		[illegible]	—	85.3	76
	Sylhet	000	0	1	09	05	96	01	0	152	69	1	1	6	7	1	63	59	—	—	0	—	193.1	—
	Srimangal	000	0	3	10	00	97	03	0	153	70	2	1	7	0	1	61	56	— 3	+ 1	0	— 1.4	189.4	[illegible]
Dacca	Mymensingh	000	0	6	00	00	97	02	1	142	68	6	4	4	0	0	63	61	+ 2	0	0	— 0.9	113.3	91
	Narayanganj	000	9	4	00	00	95	01	1	152	72	0	0	9	0	8	62	60	+ 2	+ 1	0	— 0.9	103.9	74
	Dacca (Tezgaon)	000	9	5	36	02	97	02	1	148	70	0	0	9	0	4	62	59	—	—		—	103.6	—
	Faridpur	000	9	2	36	02	95	05	0	155	71	0	0	9	0	1	61	58	— 1	1	0	— 1.1	116.7	71
	Barisal	000	0	4	00	00	97	02	1	150	72	2	0	9	3	2	62	63	+ 1	+ 2	0	— 1.5	140.5	81
Rajshahi	Khulna	000	0	0	0	00	97	00	0	159	72	0	0	9	0	0	59	61	×	—	0	— 1.1	102.8	68
	Satkhira	000	0	2	00	00	98	01	1	16	70	0	0	9	3	0	60	60	— 1	+ 3		— 0.7	82.1	65
	Jessore	000	0	2	31	03	97	01	0	154	69	2	0	9	6	0	61	57	—	—	0	— 0.9	105.8	65
	Sirajganj	000	0	0	00	10	98	00	0	148	71	0	0	9	0	0	60	59	—	—	0	— 0.7	107.7	64
	Bogra	000	0	1	31	02	96	02	2	156	68	0	0	9	0	1	59	59	— 1	0	0	— 0.8	104.4	69
	Dinajpur	000	0	0	10	00	96	00	0	143	67	0	0	9	0	0	59	55	+ 2	— 2	0	— 0.4	66.9	72
	Rangpur	000	0	1	27	02	96	01	1	xxx	65	1	0	9	1	0	60	55	0	— 2	0	— 0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	96	03	0	180	54	1	0	9	3	0	50	49	— 4	+ 6	1.1	+ 1.0	27.1	19
	Sialkot	000	0	0	00	00	97	00	0	173	56	0	0	9	0	x	48	50	— 1	+ 4	3.1	+ 3.9	61.8	32
Rawalpindi	Jhelum	000	0	5	00	00	96	3	1	177	55	1	0	9	3	1	46	49	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	0	00	00	99	00	0	192	47	0	0	9	0	0	46	44	— 3	+ 3	3.2	+ 2.9	55.3	36
	Khushab	000	0	4	00	00	9	03	2	182	55	0	4	9	0	4	45	50	+ 1	+ 4	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	5	20	02	95	02	0	194	50	5	0	9	0	4	47	49	+ 2	+ 4	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	193	51	0	0	9	0	0	49	49	— 3	+ 1	0.1	0	8.5	10
	Multan	000	0	4	00	00	96	05	1	195	56	2	0	9	5	1	49	52	— 2	+ 5	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	207	50	0	0	9	0	0	47	46	—	—	2.5	—	7.0	8
	Khanpur	000	0	1	00	00	96	03	0	190	60	0	0	9	0	1	54	52	— 3	+ 5	0	— 0.1	1.4	6
	Bahawalpur	000	0	4	00	00	97	03	0	191	59	4	0	9	0	2	53	51	— 3	+ 2	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	158	57	0	0	9	0	0	51	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	8	00	00	96	03	0	187	47	8	6	7	x	x	38	45	—	—	5.4	—	31.9	—
	Peshawar	000	0	7	13	02	97	02	1	188	53	3	0	9	3	8	41	49	+ 3	+ 4	5.0	+ 4.7	28.5	14
	Haripur	000	3	7	23	06	97	03	2	165	50	7	6	6	0	0	39	46	—	—	4.0	—	35.2	—
	Campbellpur	000	8	8	36	02	97	01	2	209	49	0	0	2	2	0	42	44	—	—	3.2	—	39.1	—
D. I. Khan	Bannu	000	2	8	34	01	99	03	0	169	55	6	5	6	x	x	42	51	—	—	2.4	—	15.3	11
	D. I. Khan	000	0	4	00	00	98	02	1	184	54	0	0	9	0	4	46	49	0	+ 5	1.6	+ 1.5	16.5	10
Quetta	Sibi	000	2	8	00	00	92	02	2	198	54	8	3	3	0	0	48	53	—	—	4.1	—	9.3	5
Kalat	Nokkundi	000	9	8	31	02	97	03	1	207	55	0	0	9	0	0	50	54	—	—	0.5	—	1.6	2
	Turbat	000	0	9	09	02	97	03	0	174	72	0	0	9	9	0	69	xx	—	—	1.6	—	8.9	—
	Jiwani	014	0	7	05	02	96	51	5	163	71	4	5	5	2	0	69	70	—	—	0.9	—	7.6	4
	Pasni	000	0	6	D5	03	98	00	0	173	75	6	0	9	2	0	67	71	0	+ 14	0.3	+ 0.1	3.4	6
	Ormara	000	0	5		00	98	02	1	170	69	5	2	6	0	0	66	63	—	—	2.7	+ 2.7	6.8	6
	Las Bela	000	0	2	00	xx	98	30	2	161	73	0	0	9	4	4	55	64	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	14	97	02	0	176	64	0	0	9	0	0	35	61	+ 3	+ 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	36	03	97	02	0	177	65	[illegible]	0	9	0	0	53	60	—	—	3.3	—	24.1	—
	Badin	000	0	0	00	00	96	00	0	174	59	0	0	9	0	0	53	56	— 1	0	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	166	69	0	0	9	0	0	58	64	—	—	0	—	30.5	—
	Umarkot	000	0	0	00	03	98	00	0	166	56	0	0	9	0	0	41	52	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	03	97	02	0	184	62	0	0	9	0	0	51	60	+ 1	+ 5	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	36	02	97	01	0	193	58	1	0	9	1	0	53	53	—	+	0.3	—	7.9	—
	Nawabshah	000	0	1	00	00	96	02	0	196	57	1	0	9	3	0	51	54	—	—	0.3	—	7.5	—
	Sukkur	000	9	3	16	02	96	03	1	189	62	0	0	9	0	3	42	56	—	—	0.8	—	5.3	4
	Kashmore	000	0	4	xx	00	99	00	0	186	56	4	1	6	0	0	46	51	—	—	1.3	—	3.4	—
	Jacobabad	000	0	4	00	00	97	03	0	198	63	3	0	9	1	1	52	59	+ 1	+ 9	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	7	05	13	97	02	1	526	45	5	5	5	8	0	29	39	— 4	+ 1	5.0	+ 4.3	83.4	59
Peshawar	Drosh	000	1	7	00	00	96	03	2	565	41	7	0	9	7	0	31	40		—	4.0	—	34.7	18
	Cherat	000	0	8	31	07	97	03	0	533	53	8	0	9	2	0	25	48	— 2	+ 2	5.7	+ 5.3	37.1	29
	Kakul	006	5	7	31	05	98	03	1	521	46	2	5	7	2	1	33	44	—	—	4.5	—	59.4	—
	Landi Kotal	000	0	7	31	02	98	02	2	522	51	0	0	9	2	9	29	43	—	—	3.9	—	32.8	—
	Parachinar	000	0	8	34	03	98	00	3	932	43	8	0	9	2	x	30	37	—	—	5.7	—	33.7	29
D. I. Khan	Miranshah	000	0	4	00	00	99	20	1	524	43	4	3	8	0	0	31	37	—	—	1.1	—	15.2	13
	Wana	000	0	6	13	00	97	01	0	529	44	6	0	6	1	0	33	44	— 4	+ 9	4.8	+ 4.7	20.8	—
	Fort Sandeman	000	0	5	00	00	96	03	0	527	46	0	0	9	3	4	38	45	—	—	4.3	—	17.3	11
Quetta	Hindubagh	000	0	5	27	02	96	02	1	339	43	3	2	7	2	0	39	43	—	—	3.3	—	16.0	—
	Loralai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.7	18.7	—
	Harnai	018	1	8	00	00	92	02	2	546	43	8	8	7	0	0	37	36	—	—	1.9	+ 1.7	11.1	14
	Quetta	005	3	8	36	01	95	61	6	521	47	8	7	5	0	0	27	42	— 4	+ 2	0.6	+ 0.4	6.9	8
	Chaman	022	8	8	18	05	96	50	5	595	42	8	7	6	0	0	42	34	— 3	+ 6	1.6	+ 1.4	13.6	7
Kalat	Kalat	006	1	9	09	09	97	02	5	576	52	9	9	6	0	0	48	51	—	—	0.7	—	3.6	9
	Nushki	005	7	7	09	02	97	03	6	522	xx	5	7	6	2	0	47	51	— 4	+ 17	0.4	+ 0.3	2.7	—
	Dalbandin	000	0	4	00	00	98	03	1	523	54	0	0	9	4	0	43	48	+ 4	+ 8	0.1	—	4.2	5
	Panjgur																							4
Afghanistan	Kabul																							12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 30th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV .. W	PPP TT	N.C.hC.C.	D.V. a PP	8 N. Ch h.	O T.T. T.T.	Id.d. PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President Monroe	12 166	546 00	1 27 10	99 02 0	129 76	11 3 00	56 50 3	...	0 53 70	
Canton	13 160	593 00	2 05 09	98 02 0	116 77	21 8 00	26 60 4	...	0 52 69	1 05 21
Santhia	13 248	659 06	0 08 02	99 02 0	173 75	00 9 00	65 10 5	...	0 51 64	1 09 22
Bernice	13 138	490 06	1 08 11	99 02 0	172 81	11 7 01	16 20 6	...	0 00 66	1 08 22
Utracht	13 247	577 06	5 13 11	98 02 1	149 79	58 4 00	76 20 9	...	0 01 72	1 13 23
Bornia	13 252	576 06	8 14 10	98 32 8	061 77	32 6 3x	34 40 2	...	0 54 70	1 14 21
Iphigenia	13 223	598 06	3 00 00	98 01 0	163 77	22 3 08	85 20 7	...	0 52 70	1 00 x0
Iphigenia	13 227	597 09	2 13 10	98 02 1	136 79	21 3 00	75 88 1	...	0 00 70	1 14 22
Santhia	13 248	664 12	1 12 05	99 03 0	141 82	12 6 40	65 81 0	...	0 01 63	1 12 32
Bornia	13 242	585 12	2 13 16	98 01 2	031 77	21 6 00	34 70 5	...	0 54 72	1 13 x2
Iphigenia	13 240	587 15	1 13 18	98 13 0	134 77	10 8 08	75 80 2	...	0 53 73	1 13 24
Bromie	13 152	520 18	0 00 00	99 02 0	167 79	00 9 00	16 20 7	...	0 91 50	1 00 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
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	013 168 112	130 175 105	..	150 148 568	..	313 032 665	436 545 999	578 600 999	748 665 999	959 805	—	—	...
Lahore														
Multan														
Peshawar	00 00	—	Misda	..	..	...	—	—	—	—	—	—	—	..
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	900 178 442	800 118 592	—	—	—	—	—	—	—	800 118 592	—	—
Lahore													
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 oC.)
Sc—Character of tropopause.

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

UPPER WIND DATA*

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)	.4 (9)	6.0 (10)
Bagra	28 04	29 03	30 04	33 04	35 07				
[illegible]									
[illegible]	03 09	03 10	03 09	05 09	09 03	29 10	28 23	28 36	28 47
Chittagong	28 05	25 04	23 06	21 09					
Cox's Bazar	36 07	26 15	24 18	25 16	22 15				
Dacca	29 03	30 04	31 05	28 03	30 20	28 23	28 34	27 36	26 54
Dalbandin			08 12	18 06	19 07	24 19	26 26	26 42	26 46
D. I. Khan									
Drosh					23 04	22 03	19 08	20 10	18 10
Fort Sandeman				29 05	21 03	25 09	27 16		
Hyderabad	14 02	12 03	04 03	27 05	27 10	26 10	29 39	28 41	
[illegible]	29 07	31 07	31 07	31 09	31 20	31 27			
[illegible]	27 06	29 07	30 06	36 04	13 05	34 04	26 26	28 39	28 41
[illegible]									
Karachi	08 19	07 13	05 08	06 08	36 06	32 22	30 18	29 37	27 49
Khanpur	03 05	07 07	07 05	30 04	24 06	27 13	27 28	27 34	28 42
Lahore	31 09	30 12	31 13	32 13	35 07	02 05	29 23	28 41	27 46
Multan	06 05	07 06	07 05	06 06	34 05	28 10	26 23	27 33	29 33
[illegible]									
[illegible]									
Peshawar									
Quetta					21 03	20 07	24 15	27 31	28 49
[illegible]									
Sylhet	23 03	24 03	29 03	27 03	23 03	27 19			
[illegible]									

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)
Bagra	32 08	31 04	22 03	26 06	28 17	29 26
[illegible]		18 01	03 03	02 02	17 04	14 15
[illegible]	06 15	07 09	07 35	01 05	35 10	26 11
Chittagong	35 04	35 06	33 08	27 01	29 17	29 31
Cox's Bazar	38 10	36 16	33 13	23 12		
Dacca	32 10	32 08	32 07	30 39	28 19	29 20
Dalbandin			08 04	23 11	23 27	
D. I. Khan						
Drosh				02 05	04 05	04 03
Fort Sandeman				24 02	26 05	27 13
Hyderabad	06 08	07 07	02 04	24 05	25 05	29 10
[illegible]	35 04	33 06	31 10	30 19	29 17	30 44
[illegible]	30 07	33 17	32 10	31 09	04 05	14 02
[illegible]	09 06	09 04	24 03			
Karachi	07 29	08 16	09 07	08 03	32 06	29 15
Khanpur	05 13	04 08	04 06	26 02	23 01	09 07
Lahore	30 11	31 13	32 12	32 10	31 11	30 08
Multan	34 04	31 03	26 05	27 09	31 11	25 09
[illegible]						
[illegible]						
Peshawar		16 01	23 03	32 11	35 05	06 04
Quetta	No	Ascent				
[illegible]						
Sylhet	17 03	28 02	21 01	16 05	26 06	28 23
[illegible]						

At 600 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)	9.7 (27)
Bagra	31 04	30 05	34 05	29 07	29 25	29 31	29 47	29 48			
[illegible]											
[illegible]											
Chittagong	02 04	35 03	35 05	33 07	32 16	33 24	29 41	29 49	28 51		
Cox's Bazar	36 09	35 07	35 09	xx xx	xx xx	29 23	28 31				
Dacca	32 06	32 03	31 07	29 18	29 19	29 26	28 42	29 61	28 72	28 74	27 87
Dalbandin			07 07	23 08	22 25						
D. I. Khan											
Drosh					03 09	03 11	01 03				
Fort Sandeman				26 01	24 05	26 12					
Hyderabad	12 02	07 02	20 01	27 11	27 19	26 26	26 29				
[illegible]	33 04	32 05	32 07	30 22	29 22	30 33	30 31	30 35	29 55	28 51	
[illegible]	30 06	30 06	29 03	15 03	19 05	26 07	28 24	26 34	27 47		
[illegible]	14 13	13 14	12 13								
Karachi	06 14	09 12	09 10	04 05	04 05	31 15	26 26	27 54	26 57		
Khanpur	13 07	22 03	27 06	31 05	30 15	31 17	26 29	26 33	26 34		
Lahore	32 07	31 12	31 12	30 07	28 05	26 08	28 19	27 27	27 29	26 47	
Multan	21 07	22 06	24 09	27 10	28 10	31 17	25 25				
[illegible]											
[illegible]											
Peshawar		16 06	24 04	33 03							
Quetta		No	Ascent								
[illegible]											
Sylhet	18 03	13 01	13 03	06 06	27 14	28 25					
[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 Kms. a.s.l. / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.6 (17)	21.0 (18)	24.0 (19)
Chittagong																		
Dacca	33 19	33 20	32 19	32 17	27 13	30 42	32 35	28 43	28 63	27 71	28 67	26 67	—	—	—	—	—	—
Karachi	07 11	07 11	02 09	02 04	30 11	29 16	28 33	26 45	27 47	27 65	27 69		—	—	—	—	—	—
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 hundreds figure for wind speed "ff" is omitted.

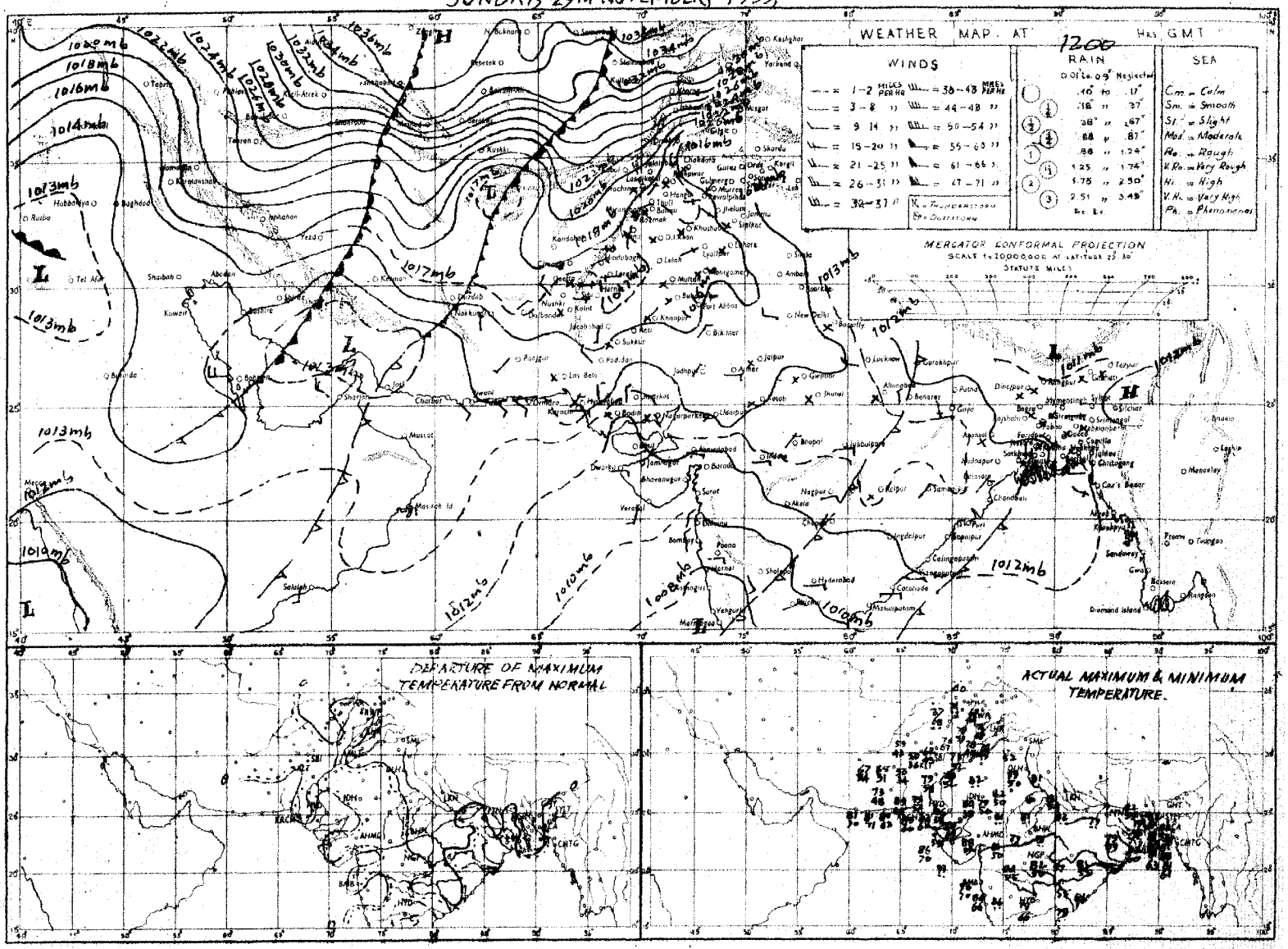
Cloud observation Data (GGiii Cdd V,V etc.)

05 715 32 624

The exact individuality of entries in this report cannot be guaranteed. Correction can be obtained, if necessary applic. question to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

SUNDAY, 29th NOVEMBER, 1959.



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

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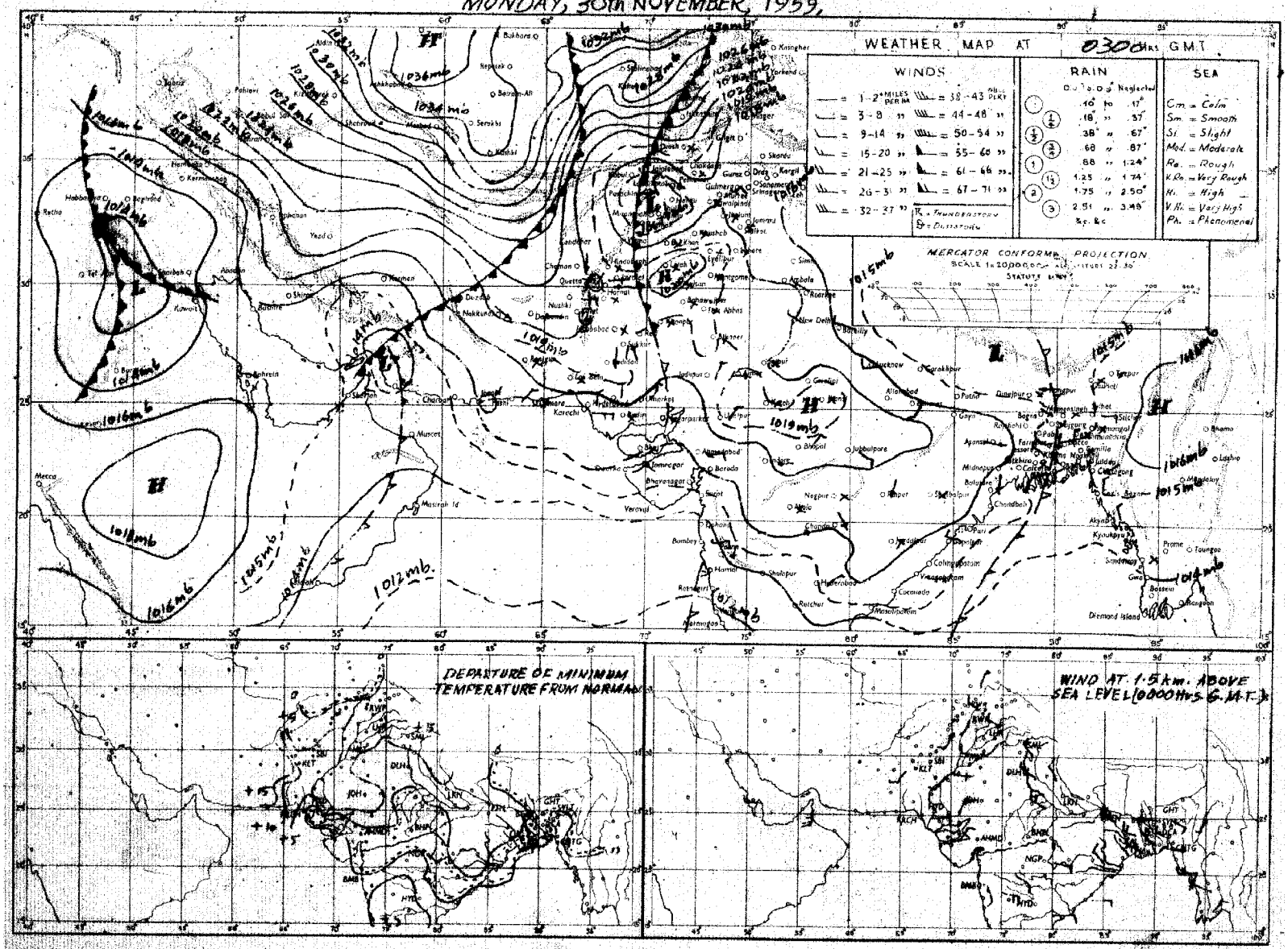
PAKISTAN DAILY WEATHER MAP

MONDAY, 30th NOVEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 1st DECEMBER, 1959.

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

Yesterday's western disturbance over D. I. Khan division persists. Its secondary over southeast Iran has become unimportant. They have caused local light rain/drizzle in north Kalat and scattered in south Kalat and Quetta divisions.

The western disturbance over Iraq and adjoining Saudi Arabia now lies over central Iran with its trough extending to Oman.

The low in southeast Arabian Sea is moving away westwards.

Quetta and Nokkundi have recorded ¼" of rainfall each.

Night temperatures were:- 3—12°F above normal in West Pakistan outside the Federal Capital Area.

Forecast valid until the evening of 2nd December, 1959. Rain/thundershowers will be local in Kalat, Quetta and D. I. Khan divisions and scattered in Peshawar, Rawalpindi divisions and Kashmir.

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WEATHER BUREAU

Karachi-II
The 1st December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	31	03	95	01	0	120	72	0	0	9	0	2	62	80
	Chittagong	000	0	0	34	C5	xx	00	1	122	71	0	0	9	0	0	64	80
	Maijdee Court	0C0	9	9	00	00	xx	03	1	125	71	9	x	0	x	x	69	81
	Comilla	000	0	0	00	00	94	00	0	120	72	0	0	9	0	0	60	81
	Brahmanbaria	000	0	1	00	00	xx	00	1	122	73	1	0	9	4	0	66	80
	Sylhet	000	0	1	00	00	xx	01	0	120	68	1	1	6	0	0	59	80
	Srimangal	000	0	0	00	00	xx	00	0	120	68	0	0	9	0	0	63	82
Dacca	Mymensingh	000	0	3	00	00	97	01	1	176	74	2	4	5	0	4	61	81
	Narayanganj	000	9	0	00	00	xx	05	0	123	73	0	0	9	0	0	61	82
	Dacca (Tejgaon)	000	9	0	18	02	97	01	1	116	70	0	0	9	0	0	59	80
	Faridpur	000	0	2	36	02	95	05	0	126	76	0	0	9	0	8	59	78
	Barisal	000	0	0	00	00	97	02	1	124	75	0	0	9	0	0	62	80
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	125	76	0	0	9	0	0	61	83
	Satkhira	000	0	0	00	00	98	00	0	118	73	0	0	9	0	0	63	82
	Jessore	000	0	0	36	02	97	00	0	121	75	0	0	9	0	0	62	81
	Sirajganj	000	0	0	00	00	96	00	0	100	71	0	0	9	0	0	63	81
	Bogra	000	0	0	00	00	xx	00	1	117	73	0	0	9	0	0	61	79
	Dinajpur	000	0	0	00	00	xx	00	0	112	70	0	0	9	0	0	60	80
	Rangpur	000	0	2	00	00	96	01	1	xxx	71	1	5	6	1	0	61	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	6	2	00	00	96	01	1	150	67	2	0	9	3	0	51	75
	Sialkot	000	4	4	00	00	97	01	2	138	68	3	0	9	8	0	54	70
Rawalpindi	Jhelum	000	0	5	31	02	96	02	2	142	67	5	0	9	7	0	48	70
	Rawalpindi	000	0	6	27	02	99	02	2	151	62	0	0	9	0	3	47	67
	Khushab	000	0	4	00	00	99	02	1	148	78	4	0	9	7	0	49	81
Multan	Lyallpur	000	0	6	20	02	95	02	0	152	71	6	0	9	4	0	46	76
	Montgomery	000	0	0	00	00	96	00	0	151	73	0	0	5	0	0	60	76
	Multan	000	0	0	00	00	97	02	0	168	75	0	0	9	0	0	49	78
Bahawalpur	Leiah	000	0	4	00	00	97	03	1	176	xx	4	0	8	6	0	56	76
	Khanpur	000	0	0	00	00	96	02	0	155	79	0	0	9	0	0	58	82
	Bahawalpur	000	0	0	00	00	97	00	0	157	76	0	0	9	0	0	58	80
	Fort Abbas	000	0	0	29	02	98	00	0	159	75	0	0	9	0	0	52	80
Peshawar	Chakdara	000	0	7	00	00	96	03	1	140	60	7	0	8	6	0	45	61
	Peshawar	000	0	7	00	00	96	04	0	163	62	7	0	9	3	0	49	71
	Haripur	000	4	7	23	02	97	03	2	132	64	7	6	6	0	0	56	66
	Campbellpur	000	0	4	00	00	98	02	0	179	63	4	7	7	0	0	47	66
D. I. Khan	Bannu	000	0	5	00	00	99	02	2	154	68	5	4	6	0	0	55	73
	D. I. Khan	000	0	0	00	00	98	00	0	161	70	0	0	9	0	0	55	73
Quetta	Sibi	000	0	5	23	02	98	03	0	162	77	5	0	9	3	0	42	79
Kalat	Nokkundi	000	9	7	09	02	97	02	2	161	68	5	0	9	3	2	46	71
	Turbat	000	0	8	18	03	98	03	0	150	88	8	0	9	9	x	63	87
	Jiwani	003	8	4	13	10	97	02	5	147	79	4	5	5	0	0	65	81
	Pasni	000	0	2	07	05	98	00	0	151	79	2	2	7	0	0	72	81
	Ormara	000	0	0	13	03	98	00	0	152	80	0	0	9	0	0	68	83
	Las Bela	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	12	98	02	0	146	81	0	0	9	0	0	71	84
	Karachi (Air Port)	000	0	0	05	02	97	01	0	144	84	0	0	9	0	0	48	87
	Badin	000	0	0	00	00	97	00	0	146	84	0	0	9	0	0	50	86
	Nagarparkar	000	0	0	00	00	98	00	0	126	79	0	0	9	0	0	56	81
	Umarkot	000	0	0	31	05	98	00	0	135	85	0	0	9	0	0	44	87
	Hyderabad	000	0	0	00	00	97	02	0	155	79	0	0	9	0	0	51	83
Khairpur	Pad-i-dan	000	0	0	00	00	98	02	0	150	79	0	0	9	0	0	51	81
	Nawabshah	000	0	1	00	00	97	02	0	163	80	1	0	9	2	0	49	82
	Sukkur	000	2	0	11	02	96	00	0	152	75	0	0	9	0	0	54	82
	Kashmore	000	0	0	00	00	99	00	0	156	78	0	0	9	0	0	49	80
	Jacobabad	000	0	0	36	02	97	02	0	158	76	0	0	9	0	0	51	80
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Alliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	7	07	13	97	02	1	513	48	5	5	5	8	0	20	50
Peshawar	Drosh	000	8	5	13	02	96	01	2	543	49	2	5	7	3	0	31	52
	Cherat	000	0	5	05	09	97	03	1	523	53	5	0	9	7	0	25	57
	Kakul	0C0	8	7	31	05	98	01	2	510	55	7	5	7	0	0	35	61
	Landi Kotal	000	0	6	31	02	98	01	2	515	56	4	0	9	3	9	31	59
D. I. Khan	Parachinar	000	0	6	00	00	98	01	1	522	53	[illegible]	0	9	4	0	37	57
	Miranshah	000	0	0	00	00	99	00	2	517	64	0	0	9	0	0	34	69
	Wana	000	0	5	18	02	99	20	2	500	60	5	2	7	0	0	34	63
	Fort Sandeman	000	0	3	00	00	98	01	1	524	61	3	0	8	1	0	43	63
Quetta	Hindubagh	000	6	7	25	06	96	20	5	523	53	5	0	9	5	4	37	55
	Loralai	004	7	3	00	00	96	01	6	553	60	3	2	7	0	0	37	64
	Harnai	000	0	0	27	03	98	C0	0	xxx	xx	0	0	9	C	0	xx	xx
	Quetta	014	1	8	00	00	92	02	6	523	49	8	8	7	x	x	30	50
	Chaman	0C0	9	8	31	02	96	C2	2	519	53	6	7	7	x	x	51	59
Kalat	Kalat	005	8	8	18	05	96	01	5	532	50	8	7	6	x	x	49	55
	Nushki	000	0	0	31	09	97	C2	0	591	58	0	0	9	0	0	55	59
	Dalbandin	000	8	5	05	05	97	03	1	530	65	2	5	7	4	0	49	66
	Panjgur	000	0	7	23	05	98	03	2	526	72	7	0	9	6	0	49	72
Afghanistan	Kabul	0.0	0	6	31	02	97	03	1	580	41	6	4	8	0	0	33	45
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	3	34	03	97	03	0	145	75	1	1	7	0	4	62	61	−3	−1	0	−3.3	141.1	140
	Chittagong	000	0	0	05	02	96	00	0	152	71	0	0	9	0	0	64	59	−1	−1	0	−2.2	142.0	108
	Maijdee Court	000	9	0	00	00	98	00	4	xxx	xx	0	0	9	0	0	68	61	0	0	0	−1.5	144.9	115
	Comilla	000	0	0	00	00	97	00	0	129	70	0	0	9	0	0	62	60	−1	+3	0	−1.3	107.7	94
	Brahmanbaria	000	0	0	00	00	97	00	0	158	73	0	0	9	0	0	67	62	—	—	0	−1.1	85.2	76
	Sylhet	000	0	1	09	05	97	03	0	154	70	1	1	7	0	0	63	60	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	96	00	0	155	68	0	0	9	0	0	61	52	−3	+1	0	−1.4	109.4	98
Dacca	Mymensingh	000	0	0	27	02	96	00	0	158	69	0	0	9	0	0	63	60	+1	+1	0	−0.9	113.3	91
	Narayanganj	000	9	0	00	00	96	55	0	156	74	0	0	9	0	0	63	62	+1	+2	0	−0.9	103.9	74
	Dacca (Tejgaon)	000	0	2	00	00	96	02	0	147	69	0	0	9	0	0	62	56	—	—	0	—	103.6	—
	Faridpur	000	9	0	36	03	95	05	0	155	71	0	0	9	0	0	59	58	−2	0	0	−1.1	116.7	71
	Barisal	000	0	0	00	00	97	01	1	152	70	0	0	9	0	0	60	62	−1	+3	0	−1.5	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	158	75	0	0	9	0	0	58	xx	+2	x	0	−1.1	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	139	70	0	0	9	0	0	63	59	−1	+4	0	−1.7	82.1	65
	Jessore	000	0	0	23	02	97	00	0	157	67	0	0	9	0	0	60	57	—	—	0	−1.1	105.8	65
	Sirajganj	000	0	0	00	00	98	00	0	139	70	0	0	9	0	0	63	59	—	+2	0	−0.7	107.7	64
	Bogra	000	0	1	00	00	96	03	0	153	69	0	0	9	0	1	60	57	−1	0	0	−0.8	104.4	69
	Dinajpur	000	0	0	00	00	97	00	0	155	69	0	0	9	0	0	57	55	0	0	0	−0.4	66.9	72
	Rangpur	000	0	0	31	02	96	01	0	xxx	67	0	0	9	0	0	62	56	0	+1	0	−0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	156	52	0	0	9	0	0	48	46	−3	+4	1.1	+1.0	27.1	19
	Sialkot	000	2	0	00	00	97	00	4	154	56	0	0	9	0	0	43	49	−5	+4	3.1	+3.9	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	96	10	0	153	48	0	0	9	0	0	44	46	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	0	00	00	97	00	0	181	44	0	0	9	0	0	43	42	−5	+3	3.2	+2.9	55.5	36
	Khushab	000	0	0	00	00	94	00	0	160	53	0	0	9	0	0	42	49	+3	+1	1.1	+1.0	26.5	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	164	50	0	0	9	0	0	42	49	0	+6	0.4	+0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	172	53	0	0	9	0	0	47	50	−2	+3	0.1	0	8.5	10
	Multan	000	0	0	13	02	96	02	0	166	59	0	0	9	0	0	48	54	+1	+9	0.1	+0.1	8.3	7
Bahawalpur	Leiah	000	0	0	36	02	98	04	0	195	52	0	0	9	0	0	48	46	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	13	02	96	02	0	165	59	0	0	9	0	0	51	55	+1	+9	0	−0.1	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	171	63	0	0	9	0	0	52	53	+1	+8	0.1	+0.1	6.6	6
	Fort Abbas	000	0	0	05	02	98	00	0	170	57	0	0	9	0	0	54	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	184	42	0	0	9	0	0	37	40	—	—	5.4	—	31.9	—
	Peshawar	000	0	1	18	02	99	03	1	172	49	1	0	9	3	0	38	xx	0	x	5.0	+4.7	28.5	14
	Haripur	000	0	0	23	04	97	02	0	139	51	0	0	9	0	0	39	51	—	—	4.0	—	35.2	—
	Campbellpur	000	0	0	00	00	98	00	0	193	47	0	0	9	0	0	40	41	—	—	3.2	—	39.1	—
D. I. Khan	Bannu	000	2	1	34	01	99	03	0	162	49	0	0	9	0	3	42	47	—	—	2.4	—	15.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	164	51	0	0	9	0	0	48	48	−3	+5	1.6	+1.5	16.5	10
Quetta	Sibi	000	0	6	00	00	97	03	1	176	55	6	3	3	0	0	50	53	—	—	4.1	—	9.3	5
Kalat	Nokkundi	019	2	8	05	02	98	03	6	190	55	x	x	x	x	x	51	52	—	—	0.7	—	1.8	2
	Turbat	000	0	0	27	02	96	00	0	178	67	0	0	9	0	0	65	xx	—	—	1.6	—	8.9	—
	Jiwani	003	0	3	05	03	97	02	0	172	71	3	5	5	0	0	65	67	—	—	0.9	—	7.6	4
	Pasni	000	0	0	00	00	98	00	0	171	65	6	0	9	4	0	64	64	0	+6	0.3	+0.1	3.4	4
	Ormara	000	0	4	00	00	98	01	0	164	66	4	0	9	2	0	59	62	—	—	2.7	+2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	173	70	0	0	9	0	0	52	57		—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	09	12	95	05	1	175	66	0	0	9	0	1	47	62	+3	+1	1.6	+1.5	18.1	8
	Karachi (Air Port)	000	0	4	36	02	97	03	0	175	61	0	0	9	0	0	52	58	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	96	00	0	168	60	0	0	9	0	0	55	56	+1	+2	0.3	+0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	165	67	0	0	9	0	0	57	62	—	—	0	—	30.5	—
	Umarkot	000	0	2	02	02	98	03	0	166	59	0	0	9	0	1	48	xx	—	—	0.5	—	20.8	—
	Hyderabad	000	0	2	00	00	95	10	0	177	63	0	0	9	0	1	55	60	0	+6	0.5	+0.5	15.9	7
Khairpur	Pad-i-dan	000	0	0	00	00	57	02	0	180	59	0	0	9	0	0	53	52	—	—	0.3	—	7.9	—
	Nawabshah	000	0	2	00	00	96	03	0	186	56	0	0	9	0	0	52	54	—	—	0.3	—	7.5	
	Sukkur	000	0	6	00	00	96	03	1	166	60	0	0	9	0	6	55	57	—	—	0.8	—	5.3	4
	Kashmore	000	0	2	00	00	99	03	0	164	61	2	1	8	0	0	47	54	—	—	1.3	—	3.4	—
	Jacobabad	000	0	4	31	02	98	03	0	172	61	4	0	9	5	0	50	59	+1	+10	0.3	+0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Alliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	0	07	03	97	02	1	510	49	0	0	9	0	0	21	xx	−3	x	5.0	+4.2	83.4	59
Peshawar	Drosh	000	9	0	00	09	97	02	2	556	42	0	0	9	0	0	28	41	−8	+2	4.0	—	34.7	18
	Cherat	000	0	0	36	07	98	00	0	513	54	0	0	9	0	0	21	52	−4	+7	5.7	+5.3	37.1	29
	Kakul	...	...	...					...	...		...		...	...	...			—					—
	Landi Kotal	000	0	0	34	03	99	00	0	514	53	0	0	9	0	0	25	44	—	—	3.9	—	32.8	—
D. I. Khan	Parachinar	000	0	0	00	00	98	02	0	532	39	0	0	9	0	0	30	36	—	—	5.7	—	33.7	29
	Miranshah	000	0	0	00	00	99	0.	0	458	49	0	0	9	0	0	33	44	—	—	1.1	—	8.1	13
	Wana	000	0	2	00	00	96	02	0	496	43	2	0	4	4	0	33	28	—	—	1.1	—	15.2	—
	Fort Sandeman	000	0	2	00	00	98	00	0	559	46	2	0	8	1	0	41	46	−3	+10	4.8	+4.7	20.8	11
Quetta	Hindubagh	000	0	6	00	00	96	02	2	517	41	2	0	9	4	5	26	40	—	—	4.3	—	17.3	—
	Loralai	004	0	3	23	02	97	01	1	344	43	3	2	8	0	0	39	41	—	—	3.3	—	16.0	—
	Harnai	C00	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+5.7	18.7	14
	Quetta	023	9	8	60	00	93	02	2	533	45	8	3	6	x	x	44	40	—	—	2.1	+1.8	11.6	8
	Chaman	000	3	8	00	00	95	03	2	536	49	8	6	5	x	x	45	42	−4	+4	0.6	+0.3	6.9	7
Kalat	Kalat	008	0	3	18	02	97	01	2	547	47	3	1	7	0	0	46	39	−4	+12	1.7	+1.4	13.6	9
	Nushki	002	0	2	31	05	98	01	5	560	55	2	8	6	0	0	50	49	—	—	0.7	—	3.6	—
	Dalbandin	014	7	7	05	02	97	03	6	523	53	4	6	6	3	0	52	52	−3	+15	0.5	+0.5	2.7	5
	Panjgur	000	0	7	05	02	98	03	5	534	56	7	0	9	6	0	51	54	+3	+13	0.1	—	4.2	4
Afghanistan	Kabul	000	0	6	00	00	97	02	2	600	39	6	3	8	0	0	34	30	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 1st DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	0 T_s T_s T_d T_d	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Borais	23 213	600 06	3 08 04	98 02 1	085 81	31 6 00	54 21 8	—	0 00 70	1 00 x0
Berania	23 166	545 06	1 06 04	99 02 0	185 77	12 6 00	16 21 3	—	0 53 68	1 00 x0
Dongo	23 232	592 06	1 09 08	99 02 8	144 81	11 7 00	35 21 3	—	0 02 79	1 12 xx
[illegible]	23 254	574 06	7 02 14	99 25 6	189 73	75 4 80	34 00 0	—	0 50 64	1 02 22
Nausta	23 177	569 06	2 13 10	98 02 0	170 77	21 4 00	15 21 2	—	0 52 68	1 13 20
Berenice	23 172	556 09	0 13 04	99 02 0	165 81	00 9 00	16 72 0	—	0 00 70	1 00 x0
Berenice	23 177	560 12	1 11 05	99 02 0	155 81	12 4 00	16 71 0	—	0 01 73	1 17 x1
[illegible]	23 187	579 12	4 10 08	98 03 0	134 79	41 4 00	15 61 0	—	0 50 78	1 18 20
[illegible]	23 203	593 12	1 09 06	98 02 0	050 79	10 6 80	54 71 7	—	0 52 70	1 09 x0
[illegible]	23 248	617 12	6 15 05	99 03 1	146 82	61 5 00	55 61 0	—	0 03 66	1 15 32
Berenice	23 184	572 18	0 08 06	99 01 1	168 79	00 9 00	16 21 3	—	0 52 68	1 10 xx
[illegible]	23 210	594 18	0 07 04	99 00 0	124 77	00 9 00	44 40 0	—	0 53 75	1 17 xx
Borais	23 192	585 18	0 00 00	98 02 8	060 75	00 9 00	55 10 5	—	0 56 70	1 49 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	23 00	013 150 130	116 182 122	—	146 105 042	—	310 102 999	437 032 999	581 582 999	753 632 999	965 792	—	—	—
[illegible]	—													
Karachi	00 00	013 188 102	130 205 115	..	150 152 042	..	313 068 522	439 505 598	582 592 718	742 678 999	952 092	—	—	...
Lahore	—													
Multan	—													
Peshawar	23 00	973 072 042	—	..	141 062 008	..	304 508 999	423 598 999	563 682 999	727 742 999	933 858	—	—	..
Quetta	—													

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_dT_dT_d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	23 00	900 155 112	—	...	...	—	—	—	..	—	900 155 112	...	—
[illegible]	—												
Karachi	00 00	982 215 102	900 188 052	800 112 015	—	—	—	—	—	—	800 112 015	—	—
Lahore	—												
Multan	—												
Peshawar	23 00	900 065 045	800 052 052	350 782 999	250 895 999	235 915 999	—	—	—	—	235 915 999	—	—
Quetta	—												

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	31 06	33 06	33 06	31 07	29 22	30 25	—	—	—
[illegible]		26 04	36 02	34 07	03 06	16 04	—	—	—
[illegible]	34 04	35 04	35 04	01 04	34 10	30 17	30 29	27 33	27 41
Chittagong	31 10	35 09	02 08	36 11	—	—	—	—	..
Cox's Bazar	32 08	34 06	03 05	35 14	30 12	31 15	—	—	—
Dacca	29 06	29 08	30 04	36 04	29 24	29 30	32 41	—	—
Dalbandin	—	—	04 05	32 04	33 11	25 20	..	—	..
D. I. Khan	..	—	—	—	—	—	—	..	—
Drosh	—	—	—	—	11 01	06 07	31 15	..	—
Fort Sandeman	—	—	—	23 04	27 04	28 15	28 31	28 40	27 37
[illegible]	25 03	24 04	26 06	29 12	30 23	27 22	26 31	—	—
[illegible]	33 04	33 06	33 06	31 14	29 22	30 25	—	—	—
[illegible]	31 04	32 09	33 07	02 05	07 03	27 04	24 23	21 48	19 69
[illegible]	—	—	—	—	—	—	—	—	—
Karachi	09 04	09 04	09 04	12 03	32 07	29 17	28 18	26 35	28 47
Khanpur	25 03	36 03	38 05	27 10	39 15	28 25	27 29	24 45	25 41
Lahore	31 07	30 09	30 11	32 13	30 13	28 12	26 23	26 30	26 39
Multan	19 06	24 06	25 03	30 06	30 05	28 19	—	—	—
[illegible]	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..
Peshawar	—	—	—	—	—	—	..	—	—
Quetta	No	Ascent	—	—	..	—	—	..	..
[illegible]	—	—	—	—	—	—	—	—	...
Sylhet	17 03	17 02	15 01	08 05	35 06	27 21	..	—	..
[illegible]	—	—	—	—	—	—	—	—	—

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 08	35 07	36 05	20 29	01 06	30 35
[illegible]	—	03 05	35 06	35 08	35 03	36 02
[illegible]	06 10	03 06	33 35	36 08	34 12	29 17
Chittagong	01 12	01 11	36 10	29 03	33 04	33 07
Cox's Bazar	35 15	36 13	36 12	35 02	33 19	32 23
Dacca	36 07	36 05	36 06	01 02	32 05	30 25
Dalbandin	—	—	06 09	20 10	—	—
D. I. Khan	—	—	—	—	—	—
Drosh	—	..	—	03 01	05 02	03 07
Fort Sandeman	—	—	..	23 05	30 10	29 21
[illegible]	34 08	32 07	32 05	28 10	28 15	28 10
[illegible]	01 04	36 08	33 06	33 12	31 18	29 21
[illegible]	32 08	31 16	31 23	32 17	32 14	30 02
[illegible]	11 05	12 05	14 05	21 08	21 06	—
Karachi	07 04	07 04	12 04	06 01	29 02	30 20
Khanpur	25 15	27 14	27 18	28 17	31 12	32 13
Lahore	32 09	32 12	32 17	34 16	30 13	29 10
Multan	19 07	21 01	28 03	28 10	28 10	32 17
[illegible]	—	—	—	—	—	..
Panjgur	—	—	—	—	—	—
Peshawar	—	36 02	27 03	20 14	24 12	23 09
Quetta	..	—	—	—	27 01	—
[illegible]	—	—	—	...	—	—
Sylhet	08 11	06 05	05 06	06 09	20 05	30 16
[illegible]	—	—	—			—

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	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	33 07	36 06	34 05	05 04	10 08	30 36	28 27	..	—	..	—
[illegible]	—	...	..	..	—	—	..	—	..	—	—
[illegible]	..	..	..	—	—	—	—	—	—	—	..
Chittagong	02 03	02 03	33 04	32 10	31 20	..	—	—	—	—	—
Cox's Bazar	36 06	36 10	33 06	21 04	34 17	31 21	30 20	30 31	29 39	—	—
Dacca	34 03	01 03	01 04	36 24	39 07	31 38	28 27	28 30	38 29	—	—
Dalbandin	..	—	06 08	20 13	23 18	24 20	—	..	..	—	..
D. I. Khan	—	..	—	—	—	—	—	—	..	..	..
Drosh	—	—	—	..	06 15	02 27	36 19	36 27	..	—	—
Fort Sandeman	..	—	—	21 06	27 07	26 15	25 34	24 38	25 32	26 71	—
[illegible]	29 07	27 03	25 05	25 11	26 13	23 20	34 17	..	—	—	..
[illegible]	32 06	32 08	31 09	33 09	32 12	29 18	28 27	29 25	29 39	..	—
[illegible]	32 01	31 11	30 08	31 04	32 03	16 07	28 17	27 24	27 43	26 40	27 74
[illegible]	12 08	15 10	18 14	21 11	21 15	25 31	26 36	26 45	28 59	..	—
Karachi	10 06	10 05	13 04	17 04	24 04	27 09	28 26	26 44	27 49	—	—
Khanpur	20 04	28 04	28 04	29 06	29 09	28 06	25 15	27 15	28 30	28 39	..
Lahore	29 06	29 14	29 15	31 14	32 12	19 06	32 19	34 13	34 37	27 54	..
Multan	20 07	20 05	24 03	29 10	27 15	28 17	25 16	26 21	27 31	—	..
[illegible]	—	—	—	—	..	—	—	—	..	..	..
Panjgur	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	12 05	31 05	31 18	35 11	03 05	22 11	27 27	..	—	—
Quetta	..	—	..	..	21 06	..	..	—	—	—	..
[illegible]	—	—	—	—	—	—	—	..	—	..	..
Sylhet	11 03	10 08	10 10	09 16	08 17	13 03	28 35	28 27	28 38	28 45	—
[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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong												—	—	—	—	—	—	..
Dacca	01 08	03 02	03 08	01 09	10 07	31 27	30 24	30 29	29 40			—	—	—	—	—	—	—
Karachi	05 04	06 03	11 02	09 01	34 01	30 15	25 25	27 47	26 54	25 58	24 74	—	—	..	—	—	—	—
Peshawar	Misda	...	—	—	—	—	..	—	—	—	—	—	—	..	—	—	—	—
Quetta																		

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

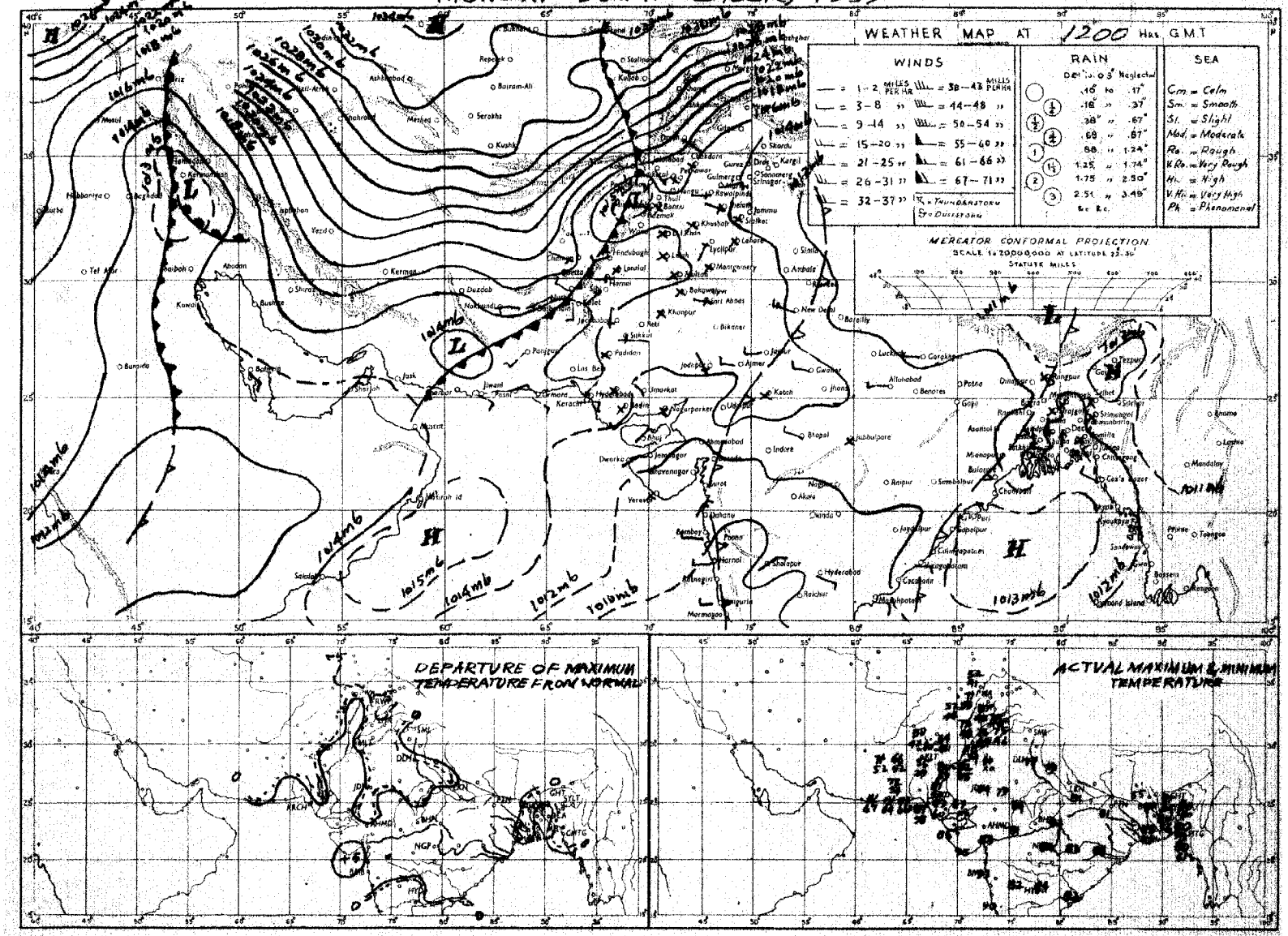
Cloud observation Data (GGiii Cdd V,V etc.)

86 320 32 306

The genuineness/validity of 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

MONDAY 30th NOVEMBER, 1959



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

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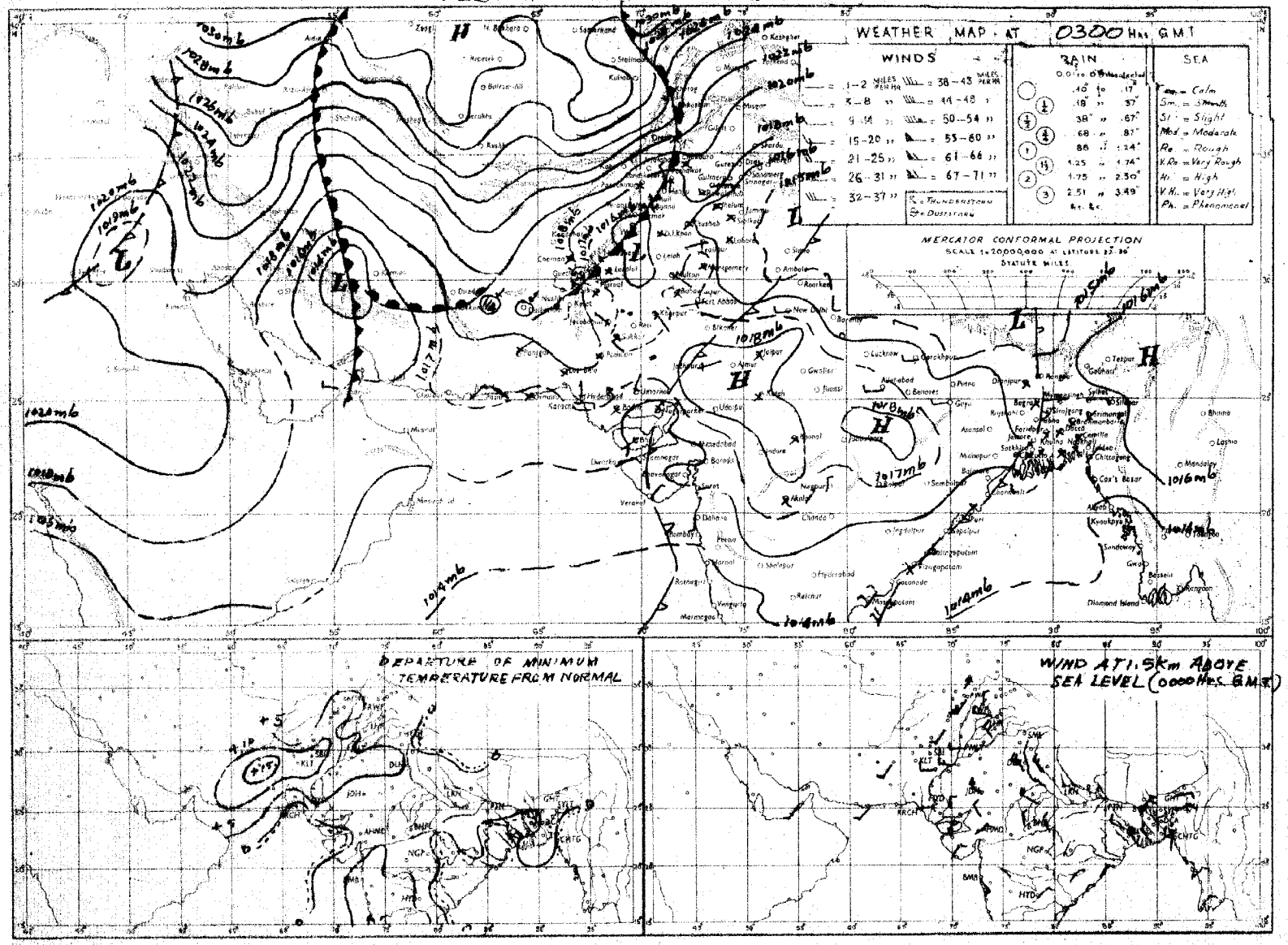
PAKISTAN DAILY WEATHER MAP

TUESDAY 1st DECEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 2nd DECEMBER, 1959.

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

Yesterday's western disturbance over D. I. Khan division has remained practically stationary and its secondary which now lies over Quetta division and neighbourhood has again become active. They have caused local rain/drizzle in Quetta division and scattered in Kalat and D. I. Khan divisions.

The western disturbance over centra l Iran has moved to east Iran and its associated trough now extends to western sector north Arabian Sea.

Weather remained dry over East Pakistan.

Chief amounts of rainfall are:- Chaman 1" and Quetta and Hindubagh ¼" each.

Night temperatures were:- 9—13°F above normal in north Kalat, Quetta, Multan, Bahawalpur, Khairpur and Hyderabad divisions and 4—8°F so elsewhere over West Pakistan outside the Federal Capital Area.

Forecast valid until the evening of 3rd December, 1959. Local rain/drizzle will occur in Quetta, D. I. Khan and Peshawar divisions and scattered in Kalat and Rawalpindi divisions and Kashmir.

Karachi-11
The 2nd December, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	34	03	95	01	0	117	73	0	0	9	0	6	63	81
	Chittagong	000	0	0	29	05	xx	00	0	121	72	0	0	9	0	0	61	79
	Maijdee Court	000	0	0	00	00	94	00	0	108	72	0	0	9	0	0	64	80
	Comilla	000	0	0	00	00	xx	00	1	119	73	0	0	9	0	0	68	81
	Brahmanbaria	000	0	1	27	02	xx	01	0	177	69	1	0	9	3	0	61	81
	Sylhet	000	0	0	00	00	xx	00	0	177	69	0	0	9	0	0	64	80
	Srimangal																	
Dacca	Mymensingh	000	0	0	00	00	97	00	0	121	75	0	0	9	0	0	62	81
	Narayanganj	000	0	0	00	00	xx	05	0	121	73	0	0	9	0	0	63	82
	Dacca (Tezgaon)	000	0	4	36	02	97	03	0	116	71	1	5	7	0	1	59	80
	Faridpur	000	8	2	36	02	95	05	0	120	74	2	4	8	0	0	64	78
	Barisal	000	0	0	00	00	97	02	1	121	74	0	0	9	0	0	66	79
Rajshahi	Khulna	000	0	0	00	00	98	00	0	130	72	0	0	9	0	0	61	81
	Satkhira	000	0	0	27	02	97	00	0	124	78	0	0	9	0	0	60	81
	Jessore	000	0	0	00	00	xx	00	0	091	69	0	0	9	0	0	63	81
	Sirajganj	000	0	0	00	00	xx	02	0	120	70	0	0	9	0	0	62	79
	Bogra	000	0	0	00	00	xx	00	0	103	74	0	0	9	0	0	63	82
	Dinajpur	000	0	0	00	00	96	02	1	xxx	71	0	0	9	0	0	59	80
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	1	00	00	96	03	0	140	61	1	0	9	3	0	53	77
	Sialkot	000	0	2	00	00	97	01	0	133	67	2	0	9	3	0	53	71
Rawalpindi	Jhelum	000	2	3	31	02	96	01	2	192	69	1	0	9	3	1	39	75
	Rawalpindi	000	0	7	20	02	98	03	2	144	65	7	0	9	7	0	44	69
	Khushab	000	0	0	00	00	99	00	0	133	72	0	0	9	0	0	48	82
Multan	Lyallpur	000	0	0	20	02	96	00	0	140	72	0	0	9	0	0	54	81
	Montgomery	000	0	0	36	02	96	00	0	146	76	0	0	9	0	0	61	81
	Multan	000	0	0	00	00	97	02	0	133	79	0	0	9	0	0	51	82
Bahawalpur	Leiah	000	0	0	00	00	96	04	0	130	74	0	0	9	0	0	57	75
	Khanpur	000	0	0	00	00	96	02	0	130	78	0	0	9	0	0	61	83
	Bahawalpur	000	0	0	00	00	97	00	0	132	83	0	0	9	0	0	61	84
	Fort Abbas	000	0	0	36	02	98	00	0	141	77	0	0	9	0	0	58	88
Peshawar	Chakdara	000	0	8	13	02	96	03	1	146	xx	8	0	8	6	x	45	64
	Peshawar	000	0	7	00	00	97	02	2	128	65	1	5	7	3	0	49	71
	Haripur	000	3	5	23	04	97	03	2	122	63	5	6	6	0	0	48	66
	Campbellpur	000	0	4	05	02	98	00	0	178	68	0	0	9	0	8	47	71
D. I. Khan	Bannu	000	0	5	09	01	99	01	0	125	69	5	5	6	0	0	51	77
	D. I. Khan	000	6	0	00	00	98	00	0	128	75	0	0	9	0	0	56	80
Quetta	Sibi	000	0	0	19	02	99	00	0	138	82	0	0	9	0	0	59	93
Kalat	Nokkundi	000	9	8	09	02	97	02	3	156	58	x	x	x	x	x	55	60
	Turbat	000	0	0	09	03	98	00	0	140	85	0	0	9	0	0	50	88
	Jiwani	000	0	5	13	07	97	03	1	145	79	3	5	5	2	0	66	80
	Pasni	000	0	1	11	05	98	03	0	140	79	1	0	9	4	0	69	81
	Ormara	000	0	0	27	03	98	00	0	135	81	0	0	9	0	0	64	83
	Las Bela	000	0	0	00	00	98	00	0	126	82	0	0	9	0	0	42	85
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	137	82	0	0	9	0	0	75	86
	Karachi (Air Port)	000	0	1	20	02	97	01	0	133	83	0	0	9	0	1	55	89
	Badin	000	0	0	00	00	97	00	0	130	86	0	0	9	0	0	51	88
	Nagarparkar	000	0	0	00	00	98	00	0	151	78	0	0	9	0	0	58	80
	Umarkot	000	0	2	29	03	98	00	0	127	84	0	0	9	0	2	52	89
	Hyderabad	000	0	1	00	00	97	01	0	136	85	0	0	9	0	1	51	90
Khairpur	Pad-i-dan	000	0	1	27	02	98	01	0	130	83	1	0	9	3	0	51	84
	Nawabshah	000	0	0	00	00	97	02	0	132	83	0	0	9	0	0	54	85
	Sukkur	000	8	1	13	02	96	01	1	132	80	0	0	9	0	3	58	83
	Kashmore	000	0	0	00	00	99	00	0	130	80	0	0	9	0	0	52	80
	Jacobabad	000	0	1	00	00	98	02	0	136	79	1	0	9	2	0	53	82
Junagadh-	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	7	05	02	97	02	1	503	51	4	5	4	5	0	33	56
Peshawar	Drosh	000	5	5	00	00	97	03	2	530	54	5	0	9	3	0	19	60
	Cherat	000	0	5	36	05	97	03	1	516	59	5	0	9	7	0	21	63
	Kakul	000	6	7	07	03	97	95	2	501	56	6	4	6	1	0	38	67
	Landi Kotal	000	0	6	00	00	98	02	1	500	59	6	0	9	3	0	31	62
D. I. Khan	Parachinar	000	0	4	00	00	99	02	1	515	56	4	0	9	3	0	34	62
	Miranshah	000	0	2	00	00	99	01	2	498	65	2	0	8	5	0	39	72
	Wana	000	0	2	07	04	99	20	1	391	61	2	0	9	6	0	31	62
	Fort Sandeman	000	0	3	20	01	98	01	1	515	66	3	0	9	1	0	48	69
Quetta	Hindubagh	000	3	2	23	03	98	01	2	496	58	1	0	9	1	1	38	61
	Loralai	000	0	2	18	02	97	01	1	562	62	2	0	8	1	0	45	66
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	02	0	518	57	0	0	9	0	0	44	61
	Chaman	000	0	0	27	02	96	02	0	506	61	0	0	9	0	0	51	64
Kalat	Kalat	000	0	7	18	05	97	02	2	556	52	7	4	7	0	0	48	59
	Noshki	000	0	8	18	11	97	03	0	580	65	8	8	6	x	x	49	69
	Dalbandin	002	2	8	13	09	96	51	6	511	61	6	7	6	2	x	58	61
	Panjgur	000	0	7	23	05	98	03	2	518	72	0	0	9	0	0	44	72
Afghanistan	Kabul	000	0	7	18	02	97	03	2	539	43	7	3	7	0	0	37	48
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	000	8	1	02	05	96	03	0	146	72	1	1	6	0	0	60	59
	Chittagong	010	5	0	05	05	96	04	4	157	71	0	0	9	0	0	64	57
	Maijdee Court	000	9	0	00	00	98	00	4	153	72	0	0	9	0	0	69	60
	Comilla	000	0	0	00	00	99	00	0	142	72	0	0	9	0	0	62	60
	Brahmanbaria	000	0	0	00	00	97	00	0	155	75	0	0	9	0	0	69	62
	Sylhet	000	0	0	09	05	97	02	0	155	70	0	0	9	0	0	63	62
	Srimangal	000	0	0	00	00	96	00	0	155	70	0	0	9	0	0	63	53
Dacca	Mymensingh	000	0	0	00	00	97	00	0	161	70	0	0	9	0	0	65	60
	Narayanganj	000	9	0	00	00	96	05	4	151	72	0	0	9	0	0	64	62
	Dacca (Tezgaon)	000	0	0	36	00	97	02	0	148	73	0	0	9	0	0	63	58
	Faridpur	000	9	0	36	02	95	10	0	155	71	0	0	9	0	0	64	58
	Barisal	000	0	0	00	00	97	02	1	154	71	0	0	9	0	0	63	62
Rajshahi	Khulna	000	0	0	00	00	97	00	0	158	72	0	0	9	0	0	59	61
	Satkhira	000	0	0	00	00	98	00	0	153	62	0	0	9	0	0	60	58
	Jessore	000	0	0	36	03	97	00	0	157	68	0	0	9	0	0	58	57
	Sirajganj	000	0	0	00	00	98	00	0	148	73	0	0	9	0	0	65	59
	Bogra	000	0	0	36	02	97	02	0	153	69	0	0	9	0	0	61	59
	Dinajpur	000	0	0	00	00	96	0	0	148	72	0	0	9	0	0	59	56
	Rangpur	000	0	0	05	02	96	01	0	xxx	69	0	0	9	0	0	63	57
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	10	96	10	0	160	53	0	0	9	0	0	47	45
	Sialkot	000	3	0	00	00	97	00	4	157	57	0	0	9	0	0	51	49
Rawalpindi	Jhelum	000	0	2	00	03	95	10	0	162	43	0	0	9	0	1	45	46
	Rawalpindi	000	0	5	00	00	97	03	0	172	47	5	0	9	5	0	44	43
	Khushab	000	0	0	07	02	99	00	0	153	54	0	0	9	0	0	50	49
Multan	Lyallpur	000	0	0	16	02	96	00	0	169	55	0	0	9	0	0	48	49
	Montgomery	000	0	0	18	02	96	03	0	166	54	0	0	9	0	0	49	50
	Multan	000	0	2	13	02	97	03	0	155	62	2	0	9	3	0	51	40
Bahawalpur	Leiah	000	0	5	00	00	98	03	1	152	50	5	0	9	9	0	48	48
	Khanpur	000	0	0	20	02	96	02	0	153	63	0	0	9	0	0	55	57
	Bahawalpur	000	0	2	00	00	97	00	0	157	68	2	0	9	2	0	55	55
	Fort Abbas	000	0	0	23	02	98	00	0	158	62	0	0	9	0	0	49	55
Peshawar	Chakdara	000	0	8	10	00	95	02	2	168	46	8	6	7	x	x	38	41
	Peshawar	000	0	7	00	00	96	10	1	167	52	3	5	7	3	1	46	47
	Haripur	000	0	7	05	06	96	02	2	164	51	7	6	6	0	0	43	44
	Campbellpur	000	0	4	09	02	98	02	0	187	50	0	0	9	0	8	46	40
D. I. Khan	Bannu	000	2	6	00	00	99	02	0	136	56	6	4	6	0	0	46	48
	D. I. Khan	000	0	7	00	00	98	03	1	150	87	7	0	9	6	0	50	51
Quetta	Sibi	000	2	3	13	04	98	03	1	155	55	3	0	5	3	0	51	54
Kalat	Nokkundi	000	0	0	34	01	98	00	0	172	56	0	0	9	0	0	44	xx
	Turbat	000	0	6	09	02	97	00	0	168	69	6	0	9	6	0	63	xx
	Jiwani	012	3	6	00	00	96	03	6	159	71	6	5	6	0	0	66	68
	Pasni	000	0	0	00	00	98	00	0	160	67	0	0	9	0	0	66	65
	Ormara	000	0	0	00	00	98	00	0	166	68	0	0	9	0	0	58	62
	Las Bela	000	0	0	00	00	98	00	0	158	68	0	0	9	0	0	54	55
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	00	00	95	05	0	157	69	0	0	9	0	0	55	65
	Karachi (Air Port)	000	0	1	00	00	96	03	0	157	63	0	0	9	0	6	53	59
	Badin	000	0	0	00	00	96	00	0	154	62	0	0	9	0	0	56	58
	Nagarparkar	000	0	0	00	00	98	00	0	158	66	0	0	9	0	0	56	61
	Umarkot	000	0	1	00	00	98	03	0	156	65	0	0	9	0	2	50	57
	Hyderabad	000	0	0	0	00	96	10	0	155	64	0	0	9	0	0	52	61
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	149	60	0	0	9	0	0	53	52
	Nawabshah	000	0	0	00	00	99	02	0	156	62	0	0	9	0	0	51	57
	Sukkur	000	9	0	00	00	96	00	0	144	62	0	0	9	0	0	55	60
	Kashmore	000	0	0	00	00	99	00	0	164	61	0	0	9	0	0	47	53
	Jacobabad	000	0	1	00	00	98	03	0	150	62	0	0	9	0	1	53	60
Junagadh-	Veraval																	
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	518	49	4	5	4	5	0	22	44
Peshawar	Drosh	000	9	8	00	00	96	03	0	539	44	8	0	9	2	x	29	42
	Cherat	000	0	7	36	02	97	03	1	319	53	3	5	7	0	6	35	49
	Kakul	000	9	7	05	05	95	05	2	514	52	5	5	7	3	1	31	50
	Landi Kotal	000	0	7	00	00	98	02	2	583	47	5	0	9	5	9	36	42
D. I. Khan	Parachinar	000	0	8	23	03	97	60	2	522	47	8	0	8	2	x	38	38
	Miranshah	000	0	6	00	00	99	03	0	486	53	4	2	7	2	0	45	44
	Wana	000	0	8	00	00	99	03	0	497	46	8	5	8	x	x	39	42
	Fort Sandeman	000	0	4	16	01	98	01	0	521	47	4	0	9	1	0	42	47
Quetta	Hindubagh	018	0	6	05	08	96	21	2	492	42	4	0	9	3	3	28	41
	Loralai	000	0	7	00	00	96	02	1	359	45	3	2	6	2	0	43	43
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	034	3	8	00	00	94	02	6	530	51	8	8	6	x	x	42	45
	Chaman	091	3	8	36	02	95	63	6	516	49	8	7	5	x	x	46	47
Kalat	Kalat	000	0	5	18	03	97	02	2	547	47	5	0	9	3	9	46	40
	Noshki	000	0	8	13	02	98	01	2	571	55	8	8	6	x	x	50	51
	Dalbandin	003	9	6	00	00	96	03	5	507	53	3	5	7	4	0	52	52
	Panjgur	000	0	7	36	02	98	03	1	522	57	7	0	9	6	0	47	50
Afghanistan	Kabul	005	1	8	00	00	96	51	2	571	39	8	4	7	x	x	26	36
	Kandahar																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	0	− 3	0	− 3.3	141.1	140
	Chittagong	− 1	− 3	0	− 2.2	142.0	108
	Maijdee Court	− 1	− 1	0	− 1.6	144.5	115
	Comilla	− 1	+ 3	0	− 1.3	107.7	94
	Brahmanbaria	−	−	0	− 1.1	85.2	76
	Sylhet	−	−	0	−	193.9	—
	Srimangal	− 3	+ 2	0	− 1.4	109.4	98
Dacca	Mymensingh	+ 2	+ 1	0	− 0.9	113.3	91
	Narayanganj	+ 2	+ 2	0	− 1.0	103.9	74
	Dacca (Tezgaon)	−	−	0	−	103.6	—
	Faridpur	0	0	0	− 1.1	116.7	71
	Barisal	− 1	+ 3	0	− 1.5	140.5	81
Rajshahi	Khulna		+ 3	0	− 1.1	102.8	68
	Satkhira	− 1	+ 3	0	− 1.8	83.1	65
	Jessore	−	−	0	− 0.9	105.8	65
	Sirajganj	+ 2	+ 2	0	− 0.7	—	64
	Bogra	0	+ 2	0	− 0.8	104.4	69
	Dinajpur	+ 3	+ 1	0	− 0.4	66.9	72
	Rangpur	+ 1	+ 2	0	− 0.4	72.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	0	+ 6	1.1	+ 1.1	27.1	19
	Sialkot	− 2	+ 4	3.1	+ 2.9	61.8	32
Rawalpindi	Jhelum	−	−	3.4	—	53.5	—
	Rawalpindi	− 2	+ 9	3.2	+ 2.9	55.5	36
	Khushab	+ 6	+ 4	1.1	+ 1.0	26.5	15
Multan	Lyallpur	+ 8	+ 6	0.4	+ 0.3	18.6	12
	Montgomery	+ 4	+ 3	0.1	0	8.5	10
	Multan	+ 6	+ 15	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	−	−	2.5	—	7.0	8
	Khanpur	+ 4	+ 11	0	− 0.1	4.4	4
	Bahawalpur	+ 7	+ 10	0.1	+ 0.1	6.6	6
	Fort Abbas	−	−	1.0	—	10.2	4
Peshawar	Chakdara	−	−	5.4	—	31.9	—
	Peshawar	+ 1	+ 4	5.0	+ 4.6	28.5	14
	Haripur	−	−	—	—	—	—
	Campbellpur	−	—	3.2	—	39.1	—
D. I. Khan	Bannu	−	−	2.4	—	15.2	11
	D. I. Khan	+ 5	+ 8	1.6	+ 1.5	16.5	10
Quetta	Sibi	−	−	4.1	—	9.3	5
Kalat	Nokkundi	−	−	0.7	—	1.8	2
	Turbat	−	−	1.6	—	8.9	—
	Jiwani	−	−	1.1	—	7.7	4
	Pasni	+ 1	+ 6	0.3	+ 0.1	13.4	6
	Ormara	−	−	2.7	0	6.8	4
	Las Bela	−	−	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 5	+ 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	−	−	3.3	—	26.1	—
	Badin	+ 5	+ 4	0.3	+ 0.1	11.5	9
	Nagarparkar	−	−	0	—	30.5	—
	Umarkot	−	−	0.5	—	20.8	—
	Hyderabad	+ 8	+ 7	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	−	−	0.3	—	7.9	—
	Nawabshah	−	−	0.3	—	7.5	—
	Sukkur	−	−	0.8	—	5.3	4
	Kashmore	−	−	1.3	—	3.4	—
	Jacobabad	+ 4	+ 11	0.3	+ 0.2	4.7	4
Junagadh-	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	+ 4	+ 7	5.0	+ 4.2	83.4	59
Peshawar	Drosh	+ 3	+ 3	4.0	—	34.7	18
	Cherat	+ 4	+ 4	5.7	+ 3.2	37.1	29
	Kakul	−	−	4.2	—	59.3	—
	Landi Kotal	−	−	3.9	—	32.8	—
D. I. Khan	Parachinar	−	−	5.7	—	33.7	29
	Miranshah	−	−	1.1	—	8.2	13
	Wana	−	−	—	—	—	—
	Fort Sandeman	+ 4	+ 11	4.8	+ 4.6	20.8	11
Quetta	Hindubagh	−	−	4.5	—	17.5	—
	Loralai	−	−	3.3	—	16.0	—
	Harnai	−	−	5.9	+ 5.6	18.7	14
	Quetta	−	−	2.5	+ 2.1	11.9	8
	Chaman	+ 3	+ 9	1.5	+ 1.1	7.8	7
Kalat	Kalat	+ 1	+ 13	1.7	+ 1.4	13.6	9
	Noshki	−	−	0.7	—	3.7	—
	Dalbandin	− 8	+ 15	0.6	+ 0.5	2.8	5
	Panjgur	+ 3	+ 9	0.1	—	4.3	4
Afghanistan	Kabul	−	−	—	—	—	12
	Kandahar						—

Groups Code.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 2nd DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV .. W	PPP TT	N.C.hC.C.	D.V. a PP	8 N, Ch, h.	O T.T.T.T.	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tibia	33 188	654 00	2 04 05	98 02 0	087 76	–	–	–	–	–
Manusa	33 202	595 06	0 29 02	98 00 0	171 75	00 9 00	85 21 5	–	0 55 70	1 29 20
Berenice	33 210	593 06	2 06 04	99 02 0	185 81	21 5 00	16 20 9	–	0 02 70	1 03 20
Ianda	33 215	595 06	1 36 05	99 02 0	171 77	11 5 00	16 10 6	–	0 54 70	1 34 28
Tibia	33 202	643 12	2 04 05	98 02 0	090 76		...	–	–	
Berenice	33 225	599 12	0 15 10	99 01 0	140 82	00 9 00	76 73 5	–	0 03 70	1 14 x1
Manusa	33 232	592 12	3 13 10	98 03 0	133 79	11 3 80	85 62 0	–	0 51 70	1 09 21
Berenice	32 231	593 15	0 15 09	98 02 0	150 81	00 9 00	76 21 0	–	0 00 70	1 14 21
Barela	33 159	545 18	0 00 00	98 02 0	063 75	00 9 00	55 21 0	–	0 56 70	1 00 xx
Dondo	33 173	559 18	0 00 00	98 00 0	123 75	00 9 00	54 21 3	–	0 54 75	1 00 xx
Iridina	33 197	586 18	0 00 00	98 02 0	177 77	00 9 00	54 10 2	–	0 54 70	1 00 x0
Berenice	32 235	588 18	7 32 15	98 13 1	160 77	76 5 00		–	0 53 66	1 32 xx
Cimanda	33 240	587 18	3 34 12	98 13 8	156 77	32 6 00	76 10 7	–	0 57 70	1 34 21
Tibia	33 212	632 18	1 06 05	98 02 0	109 74	–	–	–	–	–

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	012 218 105	–	–	158 125 068	–	309 090 999	425 505 999	560 515 999	784 635 999	965 810	–	–	–
Jiwani														
Karachi	00 00	012 158 115	122 188 132	..	150 165 502	..	315 072 505	440 505 999	583 575 999	753 682 999	963 815	–	–	–
Lahore														
Multan														
Peshawar	00 00	972 112 092	–	..	445 125 038	..	308 028 562	431 105 022	535 840 999	723 968 999	225 990	–	–	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 162 105	800 112 035	...	...	–	–	–	..	–	800 112 035	...	–
Jiwani													
Karachi	00 00	900 202 548	800 148 698	–	–	–	–	–	–	–	800 148 698	–	–
Lahore													
Multan													
Peshawar	00 00	–		–	–	..	–	–	–	–	xxxxxxxxx	–	–
Quetta													

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16; At 600 hrs. G.M.T. † of date (dd ff) — columns 17–27

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
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	31 06	31 06	31 05	31 07	29 21	31 25		–	–	35 09	35 07	36 09	09 03	13 08	29 23	02 11	02 07	03 06	08 07	14 07	29 18	..	..	–	..	–
Chaklala		29 07	34 06	33 08	35 07	16 03	25 17			–	03 01	31 06	31 07	33 05	18 05	–	10 02	36 04	28 06	23 04	19 11	..		..		–
Chhor	28 06	34 04	01 03	32 03	31 06	30 17	26 31	27 45	27 48	23 02	20 03	20 34	26 06	26 11	29 16	..									..	..
Chittagong							–	–	..	02 06	36 05	35 06	31 05	28 08	28 17	04 06	03 07	03 06	19 10	19 04	26 11	28 19	27 33	28 33	–	..
Cox's Bazar	33 12	36 11	02 09	24 04	30 05				–	01 12	01 11	34 03	14 07	27 08	28 16											
Dacca	32 03	32 04	32 07	33 07	32 11	29 26	28 25	28 35	30 39	34 11	35 10	36 08	04 02	03 06	30 17	05 02	04 04	04 05	05 06	33 02	29 17	27 29	29 39	29 35	30 50	27 51
Dalbandin	–	–	08 03	22 14	22 19		..	..	..			25 03	22 14	23 21	24 18		–	08 11	33 03	29 08	–	–	–	..	–	
D. I. Khan	..	–	–			–		..	–	–	–					..	..					–	–	..	..	
Drosh	–	–	..		24 02	17 02	14 05			–	..	–	17 01	19 01	21 03	..		–		07 03	12 01	..	–	..	..	..
Fort Sandeman				21 01	22 03	27 10	26 24	28 25	27 36	–		..	04 01	21 09	25 16				29 04	20 14	21 12		..	..	..	..
Jacobabad	25 03	21 03	23 09	25 11	27 12	26 35	–	–		13 02	21 07	32 12	22 11	24 10	25 24	20 01	26 07	24 10	25 13	25 21	25 28		–	–	–	
Jessore	33 04	33 06	33 06	31 11	29 22	30 25			–	01 13	02 11	36 08	34 05	33 10	29 14											
Jhelum	32 09	31 11	31 11	31 07	35 03	24 05	27 17	26 23	26 29	35 02	30 10	30 12	31 17	32 09	21 03	02 02	31 07	31 07	31 06	28 03	20 09	24 31	24 25	25 26	26 43	25 47
Jiwani	14 10	15 09	13 19							22 08	21 07	24 08	25 10	24 10		32 02	26 03	28 05	29 06	24 15	24 27	25 30	24 41	25 48		
Karachi	18 03	34 02	24 03	24 04	23 10	28 18	26 38	26 41	25 60	27 07	25 05	24 06	23 09	26 12	26 21	29 10	26 08	25 17	23 11	24 15	23 18	25 41	25 36	26 37	25 47	25 53
Khanpur	24 05	27 07	29 07	29 07	28 07	30 07	28 13	28 21	26 23	24 10	26 13	24 16	25 16	26 17	26 10	21 13	23 14	21 14	23 13	23 13	27 18	24 26	25 17	26 27		
Lahore	32 05	31 10	30 08	31 14	30 13	27 08	30 22	28 19	28 22	30 09	30 12	29 15	33 12	31 13		06 01	31 04	28 10	30 08	34 12	24 10	25 15	24 23	24 29	26 12	..
Multan	17 07	19 06	23 05	26 10	27 11	28 19	25 25	24	25 19	18 04	19 05	21 04	25 04	26 05	29 09	23 11	22 15	22 13	23 12	23 17	24 15	–	–	.	..	.
Muscat	–	–	–	–	–	–			–	–	–			–		–					–		–	–	..	..
Panjgur	–						–	..	..							–					–				..	..
Peshawar	–	16 05	27 06	29 11	31 07	06 01	..	–	–		27 03	14 03	14 03	16 08	14 10	..	24 01	32 01	25 04	17 07		..	..	..	..	..
Quetta	–	–	–	..	27 05	28 09	–	..	..	No	–	–	...		..	..	–	..		02 07		..		–	–	..
Sharjah							..	..	...																..	..
Sylhet	23 06	27 06	xx xx	19 01	10 08	35 14	..	.	..	09 12	28 03	07 05	04 09	10 03	29 19	13 04	11 05	13 09	07 11	04 05	28 12	29 31	28 43	29 40	..	–
Veraval	–	–	–	–	–	–	–	–	–	–	–	–			–	–	–		–	–		–				–

The actual time of observations may very within half an hour of the specific time.

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

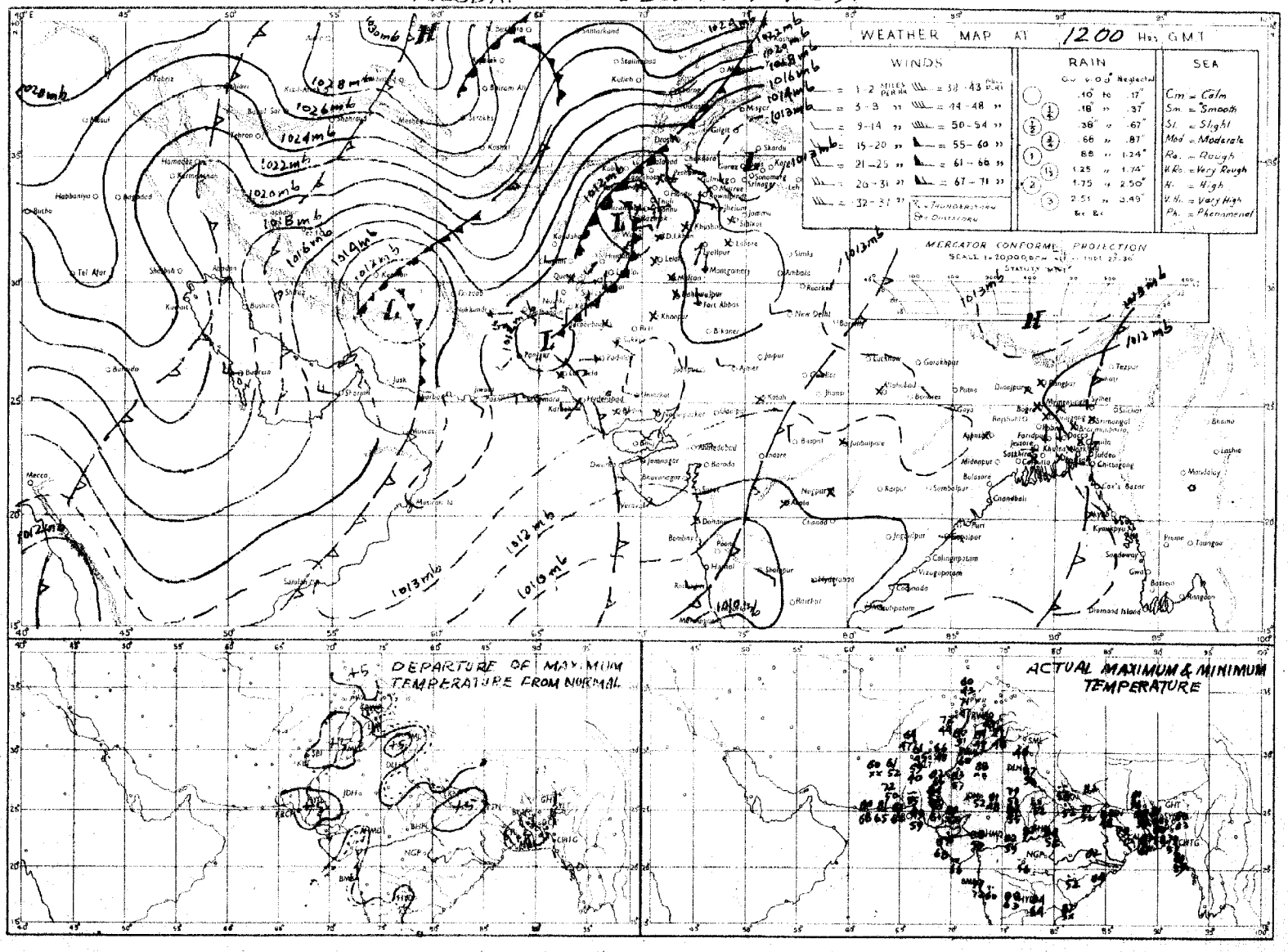
Height in g. p. a.s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	34 26	34 31	33 40	33 49	32 17	04 49	24 46	27 31	27 39	27 43	76 04		–	–	.	–	–	..
Karachi	31 17	29 17	27 13	27 13	27 19	24 24	23 20	24 41	24 44	24 52	24 73	25 78	–	..	–	–	.	–
Peshawar	Miada	..	–	–	–	..	..	–	–	–	–	–	–	..	–	–	–	–
Quetta																		

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

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

PAKISTAN DAILY WEATHER MAP

TUESDAY 1st DECEMBER, 1959.



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

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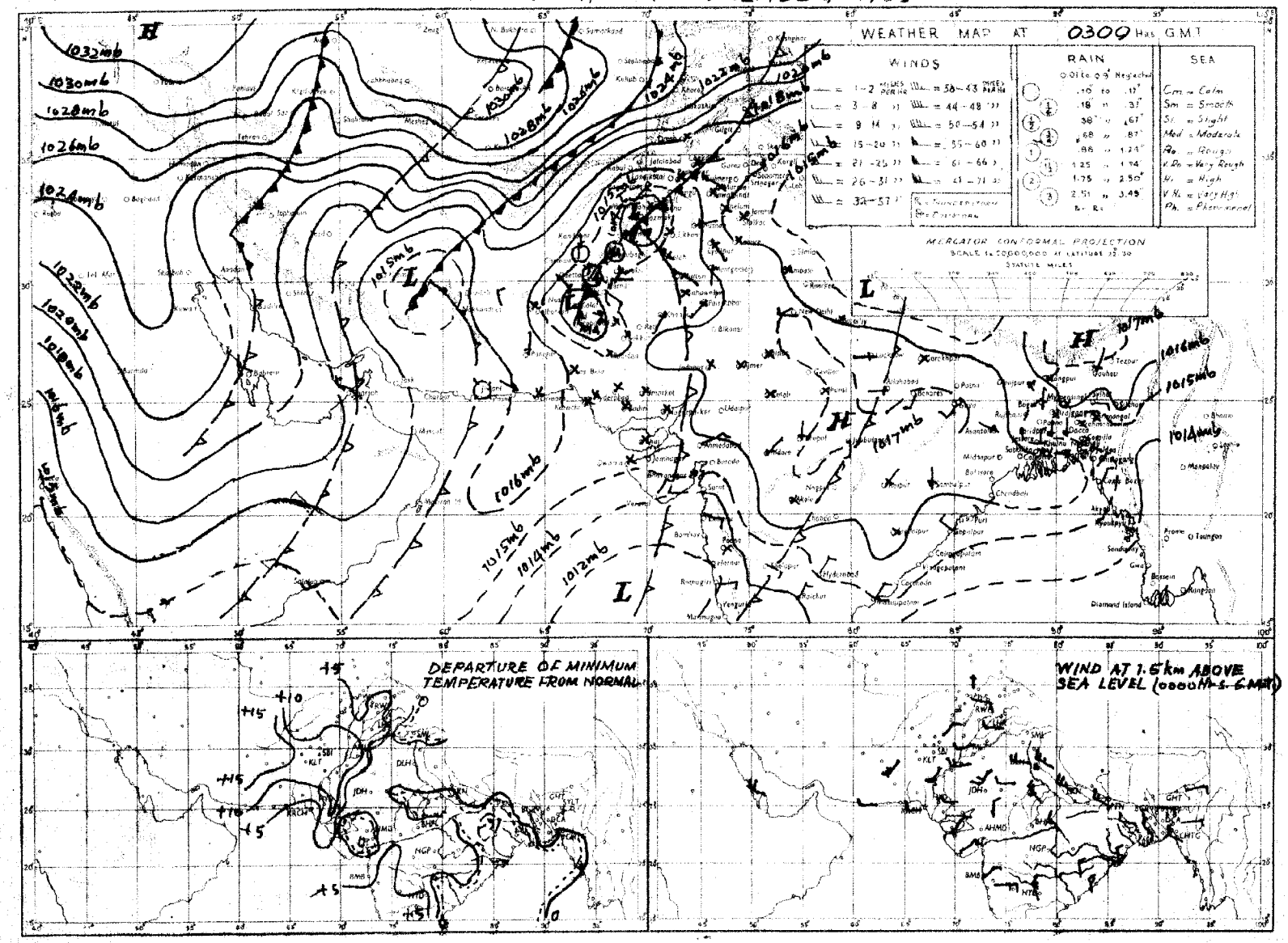
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 2nd DECEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 3rd DECEMBER, 1959.

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

Yesterday's western disturbance over D. I. Khan division moved away northeastwards. Its secondary now lies over D. I. Khan division with its trough extending to Kalat division.

The system has caused local rain/drizzle in Peshawar division and scattered in Rawalpindi, D. I. Khan and Quetta divisions.

The western disturbance over east Iran is now moving across Russian Turkistan north of Afghanistan.

A fresh secondary western disturbance lies over south Iran and neighbourhood.

Weather remained dry over East Pakistan.

Chief amounts of rainfall are:- Drosh ½" and Murree, Haripur, Kakul and Parachinar ¼" each.

Night temperatures were:- 3—12°F above normal over West Pakistan and were 2—4°F so over East Pakistan outside south Chittagong division.

Forecast valid until the evening of 4th December, 1959. Rain/drizzle with a few falls of snow over the hills will be local in Peshawar, Rawalpindi, D. I. Khan divisions and Kashmir and scattered in Kalat, Quetta and Lahore divisions.

Karachi-11
The 3rd December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form† (CH)	Dewpoint temperature °F. (TdTd)	Minimum Temperature °F (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	1	29	02	95	01	0	114	72	0	0	9	0	2	59	81	000	0	2	09	03	97	03	0	152	76	1	0	9	0	6	63	59	0	— 3	0	— 3.3	141.1	149
	Chittagong	000	0	1	34	05	xx	01	0	115	72	0	0	9	0	2	64	80	000	0	0	02	02	96	00	0	161	71	0	0	9	0	0	63	58	0	— 2	0	— 2.2	141.9	108
	Maijdee Court	000	4	0	xx	00	98	00	0	119	72	0	0	9	0	0	71	80	000	9	0	00	00	94	00	4	159	73	0	0	9	0	0	65	60	0	— 1	0	— 1.6	144.5	115
	Comilla	000	0	0	00	00	94	00	0	111	69	0	0	9	0	0	63	80	000	0	0	00	00	97	00	0	160	71	0	0	9	0	0	63	60	— 1	+ 3	0	— 1.4	107.7	94
	Brahmanbaria	000	0	0	00	00	xx	02	0	114	73	0	0	9	0	0	68	81	000	0	0	00	00	97	00	0	160	74	0	0	9	0	0	69	62	—	—	0	— 1.1	85.2	76
	Sylhet	000	0	1	00	00	xx	02	0	113	72	1	1	6	0	0	63	81	000	0	0	09	09	97	03	0	159	69	1	1	6	0	0	63	60	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	120	69	0	0	9	0	0	64	82	000	0	0	00	00	96	00	0	156	70	0	0	9	0	0	61	52	— 1	+ 1	0	— 1.4	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	118	76	0	0	9	0	0	63	82	000	0	0	13	02	97	00	0	163	71	0	0	9	0	0	65	62	+ 3	+ 3	0	— 0.9	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	0	119	74	0	0	9	0	0	63	83	000	9	0	00	00	95	05	0	158	77	0	0	9	0	0	63	63	+ 3	+ 3	0	— 1.0	103.9	74
	Dacca (Tejgaon)	000	0	0	00	00	97	02	0	119	71	0	0	9	0	0	61	80	000	0	1	36	02	97	02	0	150	73	0	0	9	0	1	63	60	—	—	0	—	102.6	—
	Faridpur	000	8	0	00	00	95	05	0	111	74	0	0	9	0	0	66	78	000	0	0	36	02	94	10	0	161	71	0	0	9	0	0	65	59	+ 2	+ 1	0	— 1.1	116.7	74
	Barisal	000	0	0	00	00	97	02	0	123	70	0	0	9	0	0	67	80	000	0	0	05	02	97	02	1	154	70	0	0	9	0	0	63	61	0	+ 2	0	— 1.6	14.0	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	118	74	0	0	9	0	0	63	79	000	0	0	00	00	97	00	0	162	72	0	0	9	0	0	62	62	— 1	+ 4	0	— 1.1	103.8	68
	Satkhira	000	0	0	00	00	98	00	0	118	75	0	0	9	0	0	65	82	000	0	0	00	00	98	00	0	159	70	0	0	9	0	0	59	60	— 0	+ 5	0	— 1.8	82.1	65
	Jessore	000	0	0	36	02	97	00	0	130	80	0	0	9	0	0	53	82	000	0	0	36	02	97	00	0	158	68	0	0	9	0	0	61	57	—	—	0	— 1.0	105.8	65
	Sirajganj	000	0	0	00	xx	xx	00	0	109	71	0	0	9	0	0	65	84	000	0	0	00	00	98	00	0	154	70	0	0	9	0	0	65	61	+ 5	+ 3	0	— 0.7	0.7	64
	Bogra	000	0	1	00	00	xx	02	0	113	73	1	5	6	0	0	63	81	000	0	0	05	03	96	02	0	157	66	0	0	9	0	0	62	59	+ 2	+ 2	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	123	73	0	0	9	0	0	60	81	000	0	0	00	00	96	00	0	161	75	0	0	9	0	0	64	55	+ 2	—	0	— 0.4	66.9	72
	Rangpur	000	0	0	00	00	96	02	0	xxx	70	0	0	9	0	0	63	79	000	0	0	09	02	96	01	4	xxx	66	0	0	9	0	0	61	57	0	+ 2	0	— 0.4	92.4	84
Kashmir	Jammu	—																																							—
Lahore	Lahore (Intl Rd)	000	0	0	00	00	96	02	0	129	70	0	0	9	0	0	59	79	000	0	1	00	00	96	01	0	179	57	1	0	9	3	0	51	53	+ 2	+ 11	1.1	+ 1.0	27.2	19
	Sialkot	000	0	1	00	00	97	01	0	122	68	0	0	9	0	3	56	75	000	0	0	00	00	97	00	0	178	59	0	0	9	0	0	43	50	+ 2	+ 5	3.1	+ 2.9	61.8	32
Rawalpindi	Jhelum	000	2	6	00	00	96	03	2	119	70	4	0	9	3	1	52	81	000	0	6	00	00	97	03	1	176	56	4	1	7	3	0	50	47	—	—	3.4	—	53.5	—
	Rawalpindi	000	0	6	00	00	99	02	2	138	62	6	0	9	6	0	45	71	008	9	3	27	02	99	01	6	192	53	0	0	9	3	6	50	47	0	+ 8	3.3	+ 3.0	55.6	36
	Khushab	000	0	3	00	00	99	03	0	125	74	3	3	6	0	0	51	80	000	0	3	09	02	99	02	1	167	59	3	1	6	0	0	49	52	+ 4	+ 7	1.1	+ 1.0	26.5	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	118	74	0	0	9	0	0	50	80	000	0	6	36	02	95	02	0	169	57	6	0	9	4	0	52	54	+ 7	+ 11	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	13	02	96	00	0	112	79	0	0	9	0	0	59	82	000	0	0	13	03	96	00	0	166	58	0	0	9	0	0	50	53	+ 5	+ 6	0.1	0	8.5	10
	Multan	000	0	0	00	00	97	02	0	108	80	0	0	9	0	0	58	82	000	0	6	36	03	96	03	1	164	59	2	4	6	4	0	51	59	+ 6	+ 14	0.2	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	2	00	00	97	02	1	109	79	0	0	9	0	6	58	79	000	0	0	36	07	97	04	0	168	57	0	0	9	0	0	53	50	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	27	02	96	02	0	104	83	0	0	9	0	0	62	88	000	0	0	05	04	96	02	0	155	60	0	0	9	0	0	54	56	+ 9	+ 10	0	— 0.1	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	112	84	0	0	9	0	0	61	87	000	0	0	36	02	97	00	0	161	62	0	0	9	0	0	56	57	+ 10	+ 12	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	36	02	98	00	0	114	81	0	0	9	0	0	62	86	000	0	0	10	xx	98	00	0	151	61	0	0	9	0	0	49	86	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	8	00	00	96	43	1	131	56	8	6	7	x	x	49	58	000	0	6	00	00	96	02	2	175	50	6	0	8	5	0	48	42	—	—	5.4	—	33.0	—
	Peshawar	000	8	7	00	00	96	05	6	147	62	3	5	6	0	0	47	63	000	8	4	00	00	95	00	6	190	49	2	8	6	3	0	47	46	— 7	+ 3	5.0	+ 4.6	26.5	14
	Haripur	000	4	7	13	04	97	03	5	127	63	7	0	6	0	0	51	68	033	8	3	36	02	97	03	6	176	48	3	5	6	0	0	42	43	—	—	4.6	—	59.7	—
	Campbellpur	000	0	6	36	02	98	03	1	159	62	0	0	9	0	8	44	65	000	0	0	36	00	98	00	1	220	54	0	0	9	0	0	50	49	—	—	3.2	—	39.1	—
D. I. Khan	Bannu	002	1	7	16	01	98	60	5	116	64	7	5	6	0	0	53	73	002	2	5	00	00	99	02	0	177	51	5	0	9	8	0	49	50	—	—	2.4	—	15.3	11
	D. I. Khan	000	6	4	00	00	98	03	0	114	72	4	0	9	4	0	57	76	000	3	6	31	02	98	02	1	173	60	6	6	8	0	0	51	56	+ 1	+ 13	1.6	+ 1.5	16.5	10
Quetta	Sibi	000	9	3	13	02	97	03	0	113	81	3	2	6	0	0	51	82	000	2	5	13	02	98	03	1	160	55	5	0	9	3	0	54	58	—	—	4.1	—	9.3	5
Kalat	Nokkundi	000	6	0	34	05	98	00	0	146	62	0	0	9	0	0	37	66	000	6	8	36	02	97	03	2	244	49	x	x	x	x	0	34	49	—	—	0.7	—	3.8	2
	Turbat	000	0	6	27	02	98	00	0	129	82	6	0	9	0	0	68	86	000	0	0	13	02	96	00	0	148	65	0	0	9	0	0	49	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	4	27	05	97	01	2	132	77	4	3	6	0	0	66	79	000	0	1	36	07	97	01	0	161	65	1	1	6	0	0	53	60	—	—	1.1	—	7.8	4
	Pasni	000	0	3	25	07	98	00	0	128	80	1	2	7	4	0	73	85	000	0	0	29	00	98	00	0	145	64	0	0	9	0	0	61	62	+ 5	+ 4	0.3	+ 0.1	13.4	6
	Ormara	000	0	3	27	05	98	01	0	119	81	3	2	7	0	0	64	82	000	0	0	00	00	98	00	0	140	68	0	0	9	0	0	65	64	—	—	2.8	+ 2.8	6.8	6
	Las Bela	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	00	00	98	00	0	139	70	0	0	9	0	0	52	60	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	97	02	0	119	81	0	0	9	0	0	72	85	000	0	0	00	00	94	10	0	155	70	0	0	9	0	0	63	68	+ 4	+ 5	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	27	05	97	02	0	124	83	0	0	9	0	0	51	87	000	0	1	00	00	96	00	0	153	63	0	0	9	0	1	61	60	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	97	00	0	124	88	0	0	9	0	0	52	93	000	0	0	00	00	96	00	0	152	62	0	0	9	0	0	62	60	+ 10	+ 6	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	113	79	0	0	9	0	0	59	81	000	0	0	00	00	98	00	0	150	69	0	0	9	0	0	57	63	—	—	0	—	30.5	—
	Umarkot	000	0	0	23	02	98	00	0	111	87	0	0	9	0	0	53	91	000	0	0	00	00	98	00	0	145	67	0	0	9	0	0	53	59	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	23	03	97	02	0	116	87	0	0	9	0	0	47	91	000	0	0	00	00	95	10	0	148	63	0	0	9	0	0	57	60	+ 9	+ 6	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	1	23	03	98	01	0	106	87	1	0	9	3	0	47	90	000	0	0	31	03	96	02	0	149	59	0	0	9	0	0	56	55	—	—	0.4	—	7.9	—
	Nawabshah	000	0	0	23	03	97	02	0	117	87	0	0	9	0	0	50	91	000	0	0	31	07	97	02	0	155	63	0	0	9	0	0	57	58	—	—	0.4	—	7.5	—
	Sukkur	000	0	0	18	02	96	00	0	107	80	0	0	9	0	0	57	86	000	0	0	13	05	96	00	0	145	64	0	0	9	0	0	53	60	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	xx	00	99	00	0	105	81	0	0	9	0	0	xx	82	000	0	0	05	03	99	00	0	157	67	0	0	9	0	0	58	61	—	—	1.4	—	3.4	—
	Jacobabad	000	0	2	18	02	98	03	0	104	81	2	0	9	4	0	58	84	000	0	1	31	02	98	02	0	151	64	1	0	9	1	0	53	62	+ 6	+ 13	0.3	+ 0.2	4.7	4
Junagadh Afghanistan	Veraval	—																																							20
	Jalalabad	—																																							—
Arabia	Muscat	—																																							4
	Kuwait	—																																							—
	HILL STATIONS																																								26
Kashmir	Srinagar	—																																							—
	Gulmarg	—																																							71
	Sonamarg	—																																							26
	Dras	—																																							3
	Leh	—																																							6
	Skardu	—																																							—
	Pilsger	—																																							—
	Aliabad	—																																							5
	Gilgit	—																																							—
Rawalpindi	Murree	000	9	7	29	02	97	02	1	492	51	5	4	5	5	0	31	56	029	2	2	00	00	98	01	6	530	39	2	5	5	0	0	35	37	+ 4	0	5.3	+ 4.5	83.7	59
	Drosh	031	4	8	00	00	96	51	6	527	40	0	5	5	x	x	38	48	043	9	6	00	00	96	01	5	518	40	4	7	5	3	0	39	39	— 9	0	4.5	—	35.1	18
Peshawar	Cherat	002	2	6	36	10	97	03	5	517	50	6	6	6	0	0	35	61	005	8	3	13	03	99	03	6	525	45	x	x	x	0	x	42	44	+ 2	— 1	5.7	+ 5.3	37.1	29
	Kakul	006	4	8	05	03	97	05	2	499	55	8	2	7	x	x	39	64	020	9	2	34	03	93	02	6	531	44	2	5	9	5	x	42	44	—	—	4.4	—	59.5	—
D. I. Khan	Landi Kotal	005	4	6	23	02	98	01	6	497	55	5	0	9	2	2	35	59	000	0	5	00	00	98	01	2	507	46	5	0	9	0	0	42	40	—	—	4.0	—	32.8	—
	Parachinar	024	3	7	00	00	97	02	6	501	49	7	0	8	2	0	41	52	029	0	0	00	00	98	02	6	528	39	0	0	9	3	0	31	35	—	—	6.0	—	34.0	29
	Miranshah	000	4	4	07	02	99	03	2	427	60	4	7	7	8	0	42	70	000	0	0	00	00	99	00	0	507	55	0	0	9	0	0	29	44	—	—	1.1	—	8.2	13
	Wana	000	6	4	11	03	99	50	1	481	59	4	3	7	0	0	39	62	000	9	0	23	02	99	00	0	508	50	0	0	9	0	0	24	44	—	—	0.1	—	13.2	—
	Fort Sandeman	000	8	6	13	02	98	20	2	475	62	6	0	9	2	0	49	66	013	2	6	00	00	98	01	6	521	45	6	4	2	0	0	43	46	+ 1	+ 10	5.0	+ 4.7	20.9	11
Quetta	Hindubagh	011	2	3	23	10	96	03	6	477	50	2	0	9	5	4	38	53	011	2	0	31	04	98	00	0	518	40	0	0	9	0	0	31	39	—	—	4.6	—	17.6	—
	Loralai	000	9	4	13	03	96	02	1	390	64	2	3	6	2	0	43	68	000	3	3	22	03	97	01	1	352	42	3	0	9	1	0	37	41	—	—	3.4	—	16.0	—
	Harnai	000	6	9	27	02	98	21	6	xxx	xx	5	x	0	x	xx	xx	53	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.6	18.7	14
	Quetta	000	7	8	00	00	94	02	2	521	50	8	8	6	x	x	46	53	005	9	6	00	00	93	01	5	527	44	6	0	8	3	0	35	39	—	—	2.5	+ 2.1	11.9	8
Kalat	Chaman	000	9	7	31	02	96	01	2	515	51	7	7	7	0	0	45	56	000	3	8	00	00	95	03	2	526	43	8	7	5	x	x	38	39	+ 9	+ 1	1.5	+ 1.0	7.8	7
	Kalat	000	8	3	23	10	97	02	2	515	49	3	1	7	0	0	45	56	000	0	8	02	09	96	03	2	535	43	8	4	6	x	x	42	40	— 2	+ 13	1.7	+ 1.4	13.6	9
Afghanistan	Nushki	000	0	8	31	11	97	03	2	571	55	8	8	6	x	x	49	62	000	0	8	31	13	97	02	2	578	44	8	8	6	0	0	37	44	—	—	0.7	—	3.7	—
	Dalbandin	000	8	5	05	09	96	01	4	518	59	4	6	5	4	0	49	61	000	3	8	05	09	98	03	5	538	46	8	7	0	9	6	x	37	45	— 8	+ 8	0.6	+ 0.5	2.8	5
	Panjgur	000	0	6	36	03	98	03	2	511	44	6	0	9	6	0	47	62	000	0	7	05	03	98	03	1	524	52	7	0	9	6	x	42	47	— 4	+ 6	0.1	—	4.2	4
	Kalat	000	0	8	36	02	94	03	2	558	45	8	5	8	x	x	39	50	000	0	8	27	00	95	01	2	605	39	8	5	7	x	x	26	32	—	—	—	—	—	12

Column Code

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 3rd DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N, Ch, h.	O $T_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Nanusa	43 265	564 06	2 30 14	98 02 0	181 72	21 4 00	65 21 5	—	0 57 60	1 30 21
Berenica	43 262	567 06	3 21 15	98 01 1	180 75	31 5 20	76 21 0	—	0 53 60	1 31 22
Irendena	43 180	567 06	0 35 18	98 02 0	196 75	00 9 00	54 10 6	—	0 55 66	1 30 33
Berenica	43 264	559 09	1 28 10	98 01 0	175 75	13 5 00	76 60 5	—	0 55 60	1 30 22
City of Newyark	43 229	606 12	1 33 05	98 01 0	145 80	11 5 00	34 62 9	—	0 01 64	1 33 11
Berenica	43 261	550 12	2 28 11	99 02 0	165 74	12 4 00	76 71 0	—	0 58 59	1 30 22
Pakistan Prosperity	43 227	678 12	0 04 05	99 00 0	132 80	...	...	—	—	—
Daressa	43 222	687 12	8 36 09	99 02 0	125 79	00 9 00	75 40 0	—	...	—
Berenica	43 259	541 15	2 27 09	99 02 0	175 70	12 4 00	76 21 0	—	0 64 59	1 30 22
Oranje	43 103	595 18	2 03 24	98 01 0	101 81	21 3 00	27 11 0	—	0 00 59	1 03 48
S. S. Rospat	43 252	577 18	3 34 15	98 02 1	171 73	34 5 00	36 10 2	—	0 54 55	1 34 23
Berenica	43 258	535 18	1 27 20	98 01 0	180 73	12 4 00	66 20 5	—	0 54 52	1 27 23
City of Newyark	43 221	618 18	0 04 05	98 01 0	164 77	00 9 00	34 18 5	—	0 52 68	1 36 21
Dara	43 244	610 18	2 29 09	99 01 0	166 75	20 0 40	26 40 0	—	—	1 29 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani	23 00	012 202 115	109 178 148	—	148 125 999	—	303 048 999	436 025 999	583 515 999	755 662 999	956 812	240 200	420 152	—
Karachi														
Lahore	00 00	012 175 155	118 182 158	..	150 153 048	..	313 062 555	438 505 999	581 590 999	74 82 999	961 808	239 975	424 105	673 175
Multan														
Peshawar														
Quetta	00 00	974 102 078	—	..	148 042 999	..	303 535 999	423 638 999	555 738 999	—	—	—	—	..

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani	23 00	900 155 128	876 135 118	...	...	...	—	—	..	—	876 135 118	—	—
Karachi													
Lahore	00 00	962 202 185	900 182 072	800 132 012	—	—	—	—	—	—	800 132 012	—	—
Multan													
Peshawar													
Quetta	00 00	900 068 999	800 018 999	467 775 999	—	..	—	—	—	—	467 775 999	—	—

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra	09 04	09 03	17 01	11 04	39 08	..	—	—	—
Chaklala	..	30 05	32 06	27 05	21 05	19 15	—	—	—
Chhor	23 07	25 08	25 07	24 09	24 07	23 16	—	—	—
Chittagong	31 03	05 03	11 06	17 03		—	—	—	—
Cox's Bazar	36 02	06 02	13 05		—	—	—	—	..
Dacca	34 03	01 03	07 08	36 45	27 15	—	—	—	—
Dalbandin	—	—	09 14	31 15	—	—	—	—	—
D. I. Khan	..					—	—	—	..
Drosh	—	No	Ascent	—	..	—	—	—	—
Fort Sandeman	—			02 08	01 04	20 13	—	—	—
Jacobabad	15 04	24 07	26 09	27 13	27 21	24 21	—	—	—
Jessore	33 05	35 04	35 04	32 04	30 12	27 14	—	—	—
Jhelum	15 01	30 02	32 06	29 06	28 01	21 10	—	—	—
Jiwani	14 61	26 07	25 11	24 09	24 12	—	—	—	—
Karachi	27 08	29 10	27 10	25 13	26 17	22 25	—	—	—
Khanpur	24 12	22 12	23 12	24 14	25 21	26 28	—	—	—
Lahore	24 02	22 04	24 03	30 12	30 12	29 15	—	—	—
Multan	18 04	21 09	22 19	23 19	23 20	21 20	—	—	—
Mussan	—	—	—	—	—	—	—	—	—
Panjgur	—						..	—	—
Peshawar	—	01 15	31 10	32 18	36 10	12 18	—	—	—
Quetta	..	—			28 10	24 26	25 44	25 51	—
She-jab	—			—			—	—	—
Sylhet	35 02	35 01	29 01	10 12	07 10	35 08	—	—	—
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	01 13	01 11	01 09	07 01	13 04	—
Chaklala	—	—	—	—	—	—
Chhor	24 13	22 14	22 15	22 13	24 14	22 24
Chittagong	02 06	36 05	35 06	31 05	28 08	28 17
Cox's Bazar	01 12	01 11	34 03	14 07	27 08	28 16
Dacca	03 06	02 07	02 08	05 09	30 04	27 11
Dalbandin	—	—	07 15	06 19	09 19	—
D. I. Khan	—	—	—	—	—	—
Drosh	—	..	—	26 02	26 02	27 04
Fort Sandeman	—	—	..	25 01	25 06	23 10
Jacobabad	36 27	01 17	01 09	27 07	32 11	23 10
Jessore	01 10	01 08	01 08	34 05	29 05	26 15
Jhelum	31 07	01 06	01 03	21 05	23 14	20 15
Jiwani	34 14	32 13	31 15	30 14	—	—
Karachi	28 05	29 07	28 09	28 07	27 09	27 10
Khanpur	27 12	26 16	29 17	28 19	26 17	23 23
Lahore	12 07	14 04	23 24	28 08	27 14	25 13
Multan	02 09	02 06	36 08	32 09	25 13	24 19
Mussan	—	—	—	—	—	..
Panjgur	—	—	—	—	—	—
Peshawar	..	26 01	25 01	27 03	34 06	31 06
Quetta	—	—	—	—	14 01	29 10
She-jab	—	—	—	—	—	—
Sylhet	09 15	08 02	09 03	18 07	14 06	27 10
Veraval	—	—	—	—	—	—

At 600 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)	9.7 (27)
Bogra	12 02	12 04	11 07	05 04	16 03	26 14	30 29	20 33	28 31	..	—
Chaklala	—	33 07	30 04	16 06	—	—	—	—	—	—	—
Chhor	..	—	..	—	—	—	—	—	—	—	..
Chittagong	04 08	09 05	15 09	19 18	22 09	23 08	..	—	—	—	—
Cox's Bazar	16 03	18 09	18 15	20 11	13 04	26 13	..	—	—	—	—
Dacca	08 04	08 05	09 06	08 04	27 04	27 15	—	..	—	—	—
Dalbandin	..	—	07 14	06 20	08 19	—	—	—	..	—	..
D. I. Khan	—	..	—	—	—	—	—	—	..	..	..
Drosh	—	—	—	—	20 01	18 05	—	—	—	—	—
Fort Sandeman	..	—	—	00 08	25 02	23 15	24 48	24 59	24 64	..	—
Jacobabad	36 02	01 05	17 02	19 02	22 12	—	—	..	—	—	..
Jessore	32 06	02 05	07 04	07 07	07 08	14 03	—	—	—	..	—
Jhelum	31 07	34 06	05 03	22 05	22 14	20 15	..	—	—	—	—
Jiwani	33 13	04 10	04 07	29 14	26 22	25 24	—	..	—	—	—
Karachi	29 04	32 08	33 13	29 24	26 28	21 33	—	—	—	—	..
Khanpur	04 16	05 18	05 12	25 05	29 06	22 13	..	—	—	—	—
Lahore	11 03	12 10	14 11	17 06	21 12	27 08	26 29	26 35	26 40	—	..
Multan	35 15	01 16	01 14	12 09	23 09	22 20	—	—	..	—	—
Mussan	—	—	—	—	..	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	—	—	—	..
Peshawar	—	33 07	30 09	16 06	—	..	..	..	..	—	—
Quetta	..	—	—	—	15 02	26 14	..	..	—	—	—
She-jab	—	—	—	—	—	—	—	..	—	..	..
Sylhet	11 07	11 05	10 03	08 07	14 03	27 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. a.s.l. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong																		..
Dacca	97 03	02 03	34 04	02 06	09 06	09 10	09 17	27 13	28 29	28 35	27 39	27 53	26 73	76 10	77 02			..
Karachi	28 10	26 12	26 13	26 17	24 27	24 27	23 33	24 47	24 43	24 39	24 53	24 64	24 75	24 89	24 77	23 73	23 73	..
Peshawar	Minda	..	—	—	—			—	...	—	—	—	—	..	—	—	—	
Quetta																		

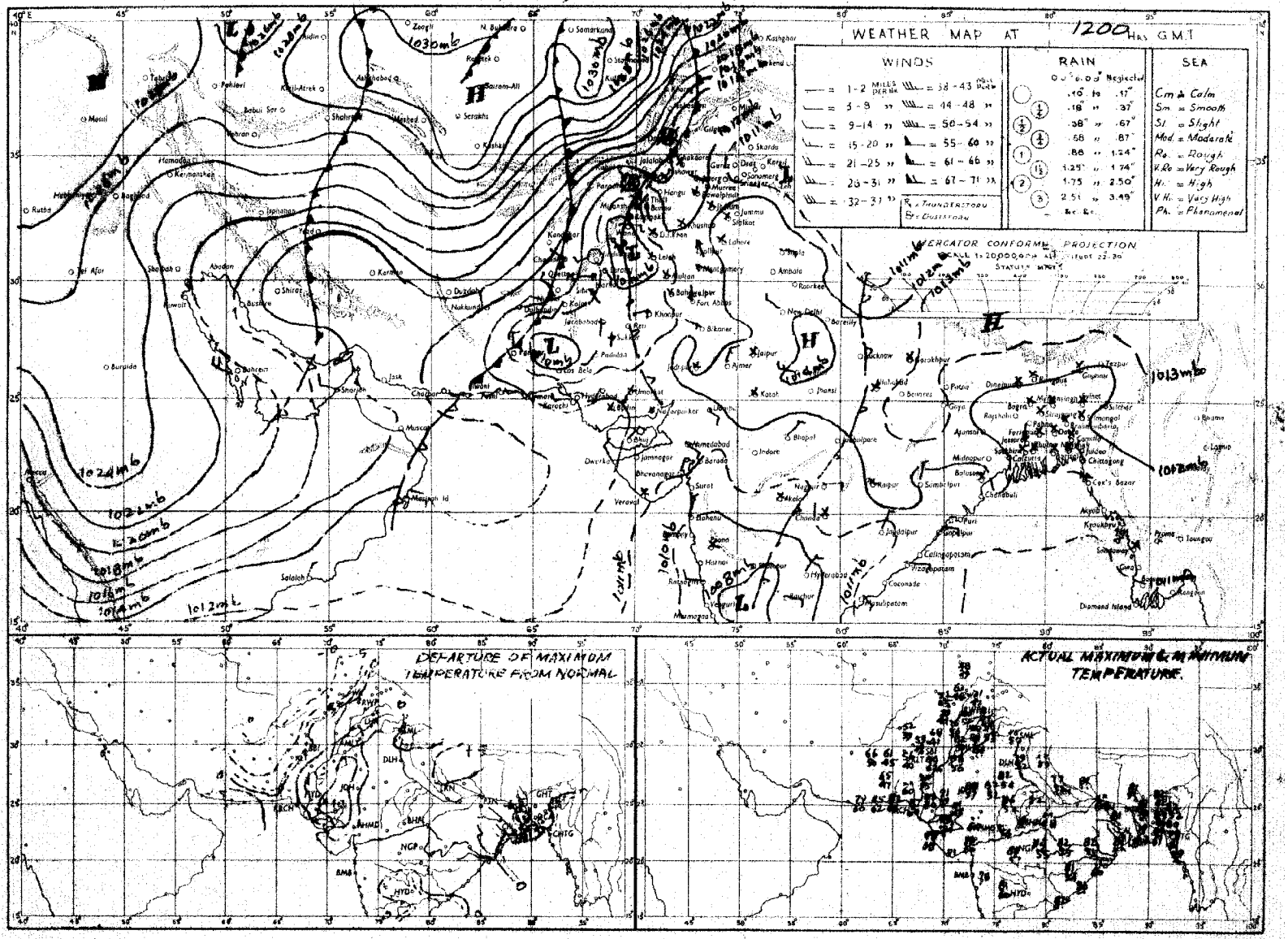
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

The [illegible] of entries in this report cannot be guaranteed. Correction can be obtained, if [illegible] on [illegible] Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 2nd DECEMBER, 1959,



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

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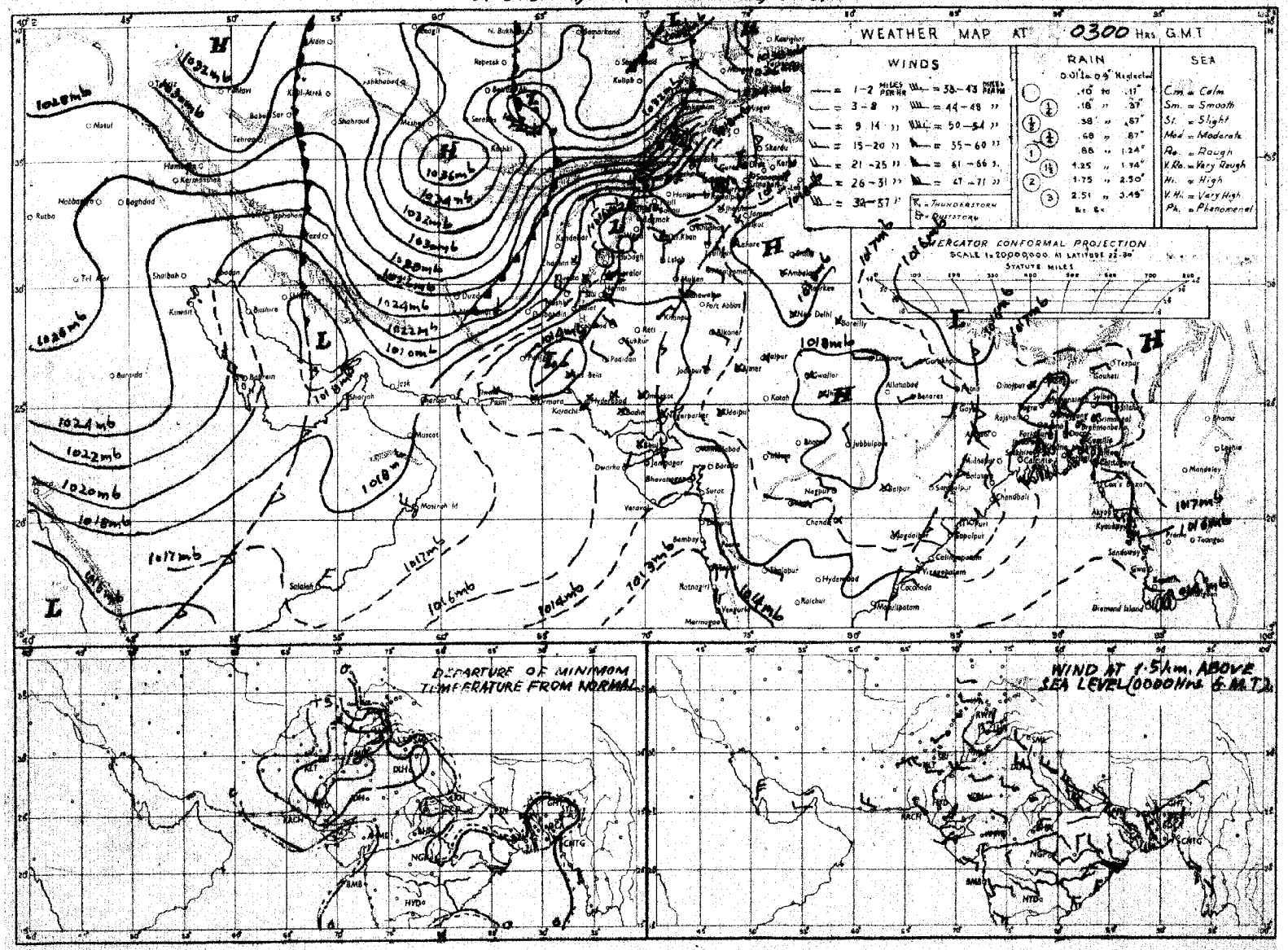
PAKISTAN DAILY WEATHER MAP

THURSDAY, 3rd DECEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 4th DECEMBER, 1959.

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

Yesterday's secondary over D. I. Khan division with its trough extending to Kalat division moved away northeastwards after causing scattered light rain/drizzle in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions. Jhelum has recorded 1" of rainfall.

The western disturbance over Russian Turkistan northwest of Afghanistan is moving away northeastwards across east Russian Turkistan with its trough extending to D. I. Khan division.

The secondary western disturbance over south Iran and neighbourhood now lies over central Iran.

Weather remained dry over East Pakistan.

Night temperatures were:- 3—12°F above normal over West Pakistan and 2—4°F so in East Pakistan outside south Chittagong division.

Forecast valid until the evening of 5th December, 1959. Scattered rain/drizzle will fall in Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 4th December, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	26	02	95	01	0	174	74	0	0	9	0	6	63	84
	Chittagong	000	0	0	25	05	xx	02	0	125	72	0	0	9	0	0	63	82
	Maijdee Court	000	0	0	00	00	xx	00	0	127	71	0	0	9	0	0	62	81
	Comilla	000	0	0	00	00	94	00	0	120	71	0	0	9	0	0	63	82
	Brahmanbaria	000	0	0	00	00	xx	02	1	126	73	0	0	9	0	0	67	82
	Sylhet	000	0	1	00	00	xx	01	0	126	70	1	0	9	7	0	60	81
	Srimangal	000	0	0	00	00	xx	00	0	125	70	0	0	9	0	0	64	82
Dacca	Mymensingh	000	0	0	00	00	97	00	0	131	76	0	0	9	0	0	65	83
	Narayanganj	000	0	0	00	00	xx	05	0	125	73	0	0	9	0	0	63	82
	Dacca (Tejgaon)	000	6	6	00	00	97	02	2	120	73	1	1	5	0	4	61	81
	Faridpur	000	8	3	00	00	95	05	0	114	74	0	0	9	0	8	66	78
	Barisal	000	0	0	00	00	96	02	1	119	75	0	0	9	0	0	67	80
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	127	73	0	0	9	0	0	64	81
	Satkhira	000	0	0	00	00	99	00	0	125	74	0	0	9	0	0	65	82
	Jessore	000	0	0	36	02	97	00	0	123	78	0	0	9	0	0	65	81
	Sirajganj	000	0	0	00	00	xx	00	1	110	71	0	0	9	0	0	68	83
	Bogra	000	0	0	00	00	xx	02	0	125	71	0	0	9	0	0	64	82
	Dinajpur	000	0	0	00	00	xx	00	0	115	77	0	0	9	0	0	66	82
	Rangpur	000	0	0	00	00	96	01	0	xxx	70	0	0	9	0	0	63	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	00	00	96	01	1	150	71	2	5	7	3	4	56	78
	Sialkot	000	2	5	00	00	97	01	1	149	70	3	4	6	4	x	56	77
Rawalpindi	Jhelum	066	2	6	00	00	96	02	9	167	62	6	0	9	7	0	59	67
	Rawalpindi	000	0	4	20	02	98	02	2	166	61	4	0	9	7	0	53	70
	Khushab	000	0	4	09	02	99	03	1	158	69	4	1	6	0	0	55	73
Multan	Lyallpur	000	0	6	29	02	96	02	0	150	72	6	3	8	0	0	55	73
	Montgomery	000	0	0	00	00	96	00	0	133	78	0	0	9	0	0	56	79
	Multan	000	0	2	36	03	96	01	1	145	76	0	0	9	0	1	55	78
Bahawalpur	Leiah	000	0	6	00	00	98	03	1	152	80	0	0	8	8	0	51	80
	Khanpur	000	0	0	36	05	96	02	0	129	77	0	0	9	0	0	60	82
	Bahawalpur	000	0	0	00	00	97	00	0	153	77	0	0	9	0	0	58	83
	Fort Abbas	000	0	0	29	02	98	00	0	128	82	0	0	9	0	0	61	89
Peshawar	Chakdara																	
	Peshawar	000	0	7	00	00	96	05	0	178	63	3	6	6	3	0	54	66
	Haripur	000	5	7	23	08	97	03	2	146	62	7	6	6	0	0	58	66
	Campbellpur	000	0	6	29	02	97	02	1	194	62	0	0	8	0	0	53	65
D. I. Khan	Bannu	000	0	3	00	00	94	02	1	149	69	3	4	6	0	0	46	71
	D. I. Khan	000	6	2	00	00	98	03	0	151	70	0	0	9	0	2	56	75
Quetta	Sibi	000	9	5	09	02	97	03	1	134	82	5	2	6	0	0	45	83
Kalat	Nokkundi	000	4	8	13	05	98	03	2	223	55	x	x	8	x	x	32	56
	Turbat	000	0	0	13	02	98	00	0	134	74	0	0	9	0	0	56	77
	Jiwani	000	0	0	36	07	96	06	1	144	77	0	0	9	0	0	45	78
	Pasni	000	0	0	23	09	98	00	0	132	79	0	0	9	0	0	66	82
	Ormara	000	0	0	23	07	98	00	0	127	78	0	0	9	0	0	58	80
	Las Bela	000	0	0	xx	xx	98	00	0	116	81	0	0	9	0	0	44	88
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	124	83	0	0	9	0	0	74	87
	Karachi (Air Port)	000	0	0	27	03	96	02	0	128	83	0	0	9	0	0	62	85
	Badin	000	0	0	00	00	97	00	0	123	87	0	0	9	0	0	59	87
	Nagarparkar	000	0	0	00	00	98	00	0	116	78	0	0	9	0	0	57	80
	Umarkot	000	0	0	23	02	98	00	0	117	90	0	0	9	0	0	52	91
	Hyderabad	000	0	0	00	00	97	02	0	127	80	0	0	9	0	0	58	92
Khairpur	Pad-i-dan	000	0	0	34	05	97	02	0	126	80	0	0	9	0	0	57	83
	Nawabshah	000	0	0	36	02	97	02	0	123	83	0	0	9	0	0	55	84
	Sukkur	000	0	0	36	03	96	00	0	125	80	0	0	9	0	0	57	81
	Kashmore	000	0	0	05	03	99	00	0	129	77	0	0	9	0	0	54	81
	Jacobabad	000	0	1	31	02	98	02	0	129	81	1	5	8	0	0	53	83
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	002	9	8	00	00	98	14	7	047	34	3	0	8	0	4	34	40
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	6	13	05	98	02	1	526	45	6	5	5	0	0	38	48
Peshawar	Drosh		..	..	..			..			..	..		..	..			
	Cherat	000	0	4	36	01	98	03	1	532	53	1	6	6	0	9	46	58
	Kakul	000	5	8	31	03	97	50	2	529	57	8	7	6	x	x	47	60
	Landi Kotal	000	0	6	00	00	98	03	1	514	54	0	0	9	3	0	43	58
D. I. Khan	Parachinar	000	0	3	00	00	98	00	0	567	49	3	1	9	0	0	30	53
	Miranshah	000	0	2	05	02	99	03	0	513	60	0	0	9	2	0	34	68
	Wana	000	6	3	23	03	99	00	0	490	56	3	0	9	6	0	23	59
	Fort Sandeman	000	0	7	34	02	98	01	1	504	60	7	0	9	3	0	42	62
Quetta	Hindubagh	000	4	3	23	08	96	03	1	495	53	0	0	9	2	2	34	56
	Loralai	000	0	6	18	03	96	02	1	361	60	3	2	7	2	0	37	64
	Harnai	000	8	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	1	7	00	00	94	03	2	521	48	7	9	6	0	0	42	51
	Chaman	000	9	8	31	02	96	02	2	524	47	8	7	7	0	0	37	52
Kalat	Kalat	000	0	1	34	05	98	01	1	518	46	1	1	7	0	0	44	57
	Nushki	000	0	8	31	11	97	02	2	587	45	8	8	6	0	0	43	49
	Dalbandin	000	8	7	05	10	97	03	2	535	54	3	5	7	3	0	28	55
	Panjgur	000	0	0	36	07	98	00	1	513	54	0	0	9	0	0	35	51
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	4	13	02	97	03	0	170	75	0	0	9	0	6	64	61	+3	—1	0	—3.4	141.1	140
Chittagong	000	0	2	02	05	96	01	0	158	71	1	0	9	1	2	64	59	+2	—1	0	—2.3	142.0	108
Maijdee Court	000	9	0	00	00	98	00	4	150	72	0	0	9	0	0	62	59	+1	—2	0	—1.6	144.7	115
Comilla	000	0	0	00	00	97	00	0	139	71	0	0	9	0	0	61	60	+1	+3	0	—1.4	107.7	94
Brahmanbaria	000	0	2	00	00	97	03	1	166	73	0	0	9	0	4	65	61	—	—	0	—1.1	85.2	76
Sylhet	000	0	0	09	06	97	02	0	162	69	0	0	9	0	0	63	60	—	—	0	—	193.9	—
Srimangal	000	0	0	00	00	96	00	0	162	69	0	0	9	0	0	61	52	—1	+1	0	—1.5	109.4	98
Mymensingh	000	0	0	05	02	97	00	0	166	72	0	0	9	0	0	66	62	+4	+3	0	—0.9	113.3	91
Narayanganj	000	9	0	00	00	96	05	4	154	78	0	0	9	0	0	62	63	+2	+3	0	—1.0	103.9	74
Dacca (Tejgaon)	000	0	2	07	02	97	03	0	154	72	0	0	9	0	1	61	58	—	—	0	—	103.6	—
Faridpur	000	9	1	00	00	95	10	0	162	72	0	0	9	0	1	64	59	0	+1	0	—1.1	116.7	71
Barisal	000	9	1	00	00	96	03	4	158	72	0	0	9	0	2	67	62	0	+3	0	—1.6	140.5	81
Khulna	000	0	0	00	00	97	00	0	159	74	0	0	9	0	0	63	64	—1	+6	0	—1.1	102.8	68
Satkhira	000	2	3	00	00	98	02	0	155	69	3	2	8	3	0	63	61	0	+6	0	—1.8	82.1	65
Jessore	000	0	2	36	02	97	01	0	159	68	2	0	9	6	0	63	59	—	—	0	—1.0	105.8	65
Sirajganj	000	0	2	00	00	97	03	1	153	74	1	1	5	0	0	66	61	+4	+4	0	—0.7	8.7	64
Bogra	000	0	0	09	02	96	02	0	159	68	0	0	9	0	0	64	60	+3	+3	0	—0.8	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	162	71	0	0	9	0	0	61	57	+3	+2	0	—0.4	66.9	72
Rangpur	000	0	0	09	02	96	01	0	xxx	67	0	0	9	0	0	62	57	0	+2	0	—0.4	92.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	175	57	0	0	9	0	0	53	53	+1	+11	1.1	+1.0	27.1	19
Sialkot	000	0	0	00	00	97	00	0	165	62	0	0	9	0	0	53	53	+4	+8	3.1	+2.9	61.8	42
Jhelum	119	8	7	31	02	97	03	6	167	59	5	0	9	3	2	53	55	—	—	4.6	—	54.7	—
Rawalpindi	000	0	1	18	02	99	02	2	184	54	6	0	9	6	0	51	47	—1	+8	3.3	+3.0	55.6	36
Khushab	000	0	2	00	00	99	01	1	170	57	2	3	6	0	0	53	56	—3	+11	1.1	+1.0	26.5	15
Lyallpur	000	0	5	29	02	95	03	0	180	54	5	0	9	4	0	51	55	0	+12	0.4	+0.3	18.6	12
Montgomery	000	0	3	31	03	97	03	0	158	57	3	0	9	4	0	53	55	+2	+8	0.1	0	8.5	10
Multan	000	0	0	00	00	96	02	0	174	58	0	0	9	0	0	51	58	+2	+13	0.1	+0.1	8.3	7
Leiah	000	0	7	00	00	98	04	1	180	54	7	0	9	6	0	52	49	—	—	2.5	—	7.0	8
Khanpur	000	0	0	36	08	96	02	0	165	58	0	0	9	0	0	52	55	+3	+9	0	—0.1	3.4	6
Bahawalpur	000	0	0	00	00	97	00	0	166	63	0	0	9	0	0	58	57	+3	+12	0.1	+0.1	6.6	6
Fort Abbas	000	0	0	02	02	98	00	0	161	55	0	0	9	0	0	53	88	—	—	1.0	—	10.2	4
Chakdara	000	0	8	00	00	96	02	2	180	50	8	6	7	x	x	48	45	—	—	5.4	—	31.9	—
Peshawar	000	0	7	00	00	97	02	1	198	53	1	5	7	3	0	46	50	—4	+7	5.0	+4.6	28.5	14
Haripur	000	3	6	23	04	97	03	2	164	52	6	0	9	7	0	41	45	—	—	4.3	—	35.5	—
Campbellpur	000	9	8	00	00	97	02	2	214	52	8	0	8	2		50	50	—	—	3.2	—	39.1	—
Bannu	008	1	6	31	02	98	03	6	177	55	6	6	6	0	0	48	51	—	—	2.5	—	15.3	11
D. I. Khan	000	3	5	00	00	98	02	1	xxx	xx	5	0	9	5	0	52	56	—1	+13	1.6	+1.5	16.5	10
Sibi	002	2	8	36	02	96	02	2	172	60	8	7	3	x	x	56	59	—	—	4.1	—	9.3	5
Nokkundi	000	0	0	07	02	98	00	0	251	44	0	0	9	0	0	31	39	—	—	0.7	—	1.8	2
Turbat	000	0	0	09	02	98	00	0	190	61	0	0	9	0	0	46	xx	—	—	1.6	—	8.9	—
Jiwani	000	0	0	36	07	97	02	0	190	56	0	0	9	0	0	38	55	—	—	1.1	—	7.7	4
Pasni	000	0	0	35	17	96	07	0	172	64	0	0	9	0	0	47	62	+2	+4	0.3	0	13.4	6
Ormara	000	0	0	09	02	98	00	0	161	67	0	0	9	0	0	59	63	—	—	2.7	+2.7	6.8	6
Las Bela	000	0	0	00	00	98	00	0	178	65	0	0	9	0	0	56	xx	—	—	0.4		7.3	8
Karachi (Manora)	000	0	0	00	00	94	10	0	154	71	0	0	9	0	0	65	69	+6	+6	1.6	+1.5	18.1	8
Karachi (Air Port)	000	0	0	00	00	97	02	0	158	65	0	0	9	0	0	61	60	—	—	3.3	—	26.1	—
Badin	000	0	0	23	02	96	00	0	156	63	0	0	9	0	0	59	61	+4	+7	0.3	+0.1	11.5	9
Nagarparkar	000	0	4	00	00	97	03	0	142	71	4	4	7	0	0	59	65	—	—	0	—	30.5	—
Umarkot	000	0	1	11	02	98	00	0	142	61	0	0	9	0	2	49	55	—	—	0.5	—	20.8	—
Hyderabad	000	0	1	36	02	97	03	0	157	64	0	0	9	0	1	56	63	+10	+9	0.5	+0.5	15.9	7
Pad-i-dan	000	0	0	31	07	96	02	0	165	58	0	0	9	0	0	51	55	—	—	0.3	—	7.9	—
Nawabshah	000	0	0	00	00	97	02	0	167	59	0	0	9	0	0	53	57	—	—	0.3	—	7.5	—
Sukkur	000	0	0	13	05	96	00	0	158	63	0	0	9	0	0	50	61	—	—	0.8	—	5.3	4
Kashmore	000	0	2	05	07	99	00	0	165	68		1	8	0	0	47	63	—	—	1.3	—	3.4	—
Jacobabad	000	0	3	05	02	98	03	0	171	59		5	7	3	0	51	59	+5	+10	0.3	+0.2	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar	.		..	..	..	..	..	..	—	..	..	..	—	..	..	—	..	—					—
Aliabad																							—
Gilgit																							5
Murree	020	2	8	07	09	98	03	2	521	46	8	5	5	x	x	31	38	—4	+1	5.3	+4.4	83.7	59
Drosh	007	9	5	00	00	97	01	5	553	41	2	5	7	7	0	38	41		+2	4.5	—	35.2	18
Cherat		..	..	..		..	..	.	..	..								—1	—				29
Kakul	002	9	7	31	03	97	01	2	527	49	5	4	6	6	0	43	44	—	—	4.5	—	59.6	—
Landi Kotal	000	0	6	00	00	98	03	1	523	45	6	0	9	7	0	41	43	—	—	3.9	—	32.8	—
Parachinar	000	0	7	00	00	98	01	2	535	43	1	1	8	2	0	32	39	—2	+4	6.0	—	34.0	29
Miranshah	000	0	0	00	00	97	00	0	489	44	0	0	9	0	0	35	xx	—	—	1.1	—	8.1	13
Wana	004	1	9	27	02	95	50	2	515	45	9	5	7	x	x	40	43	—	—	1.2	—	15.3	—
Fort Sandeman	000	2	8	05	01	97	21	2	530	47	8	7	7	x	x	45	47	—3	+11	4.9	+4.7	20.9	11
Hindubagh	012	2	6	25	02	96	02	6	517	41	3	0	9	3	4	29	40	—	—	4.7	—	17.7	—
Loralai	002	3	8	00	00	96	02	6	353	47	4	3	6	2	0	44	42	—	—	3.4	—	16.0	—
Harnai	005	6	9	09	01	96	21	6	xxx	xx	3	4	7	3	4	xx	xx	—	—	5.9	+5.6	18.7	14
Quetta	000	9	8	00	00	94	02	2	536	40	7	3	6	0	0	39	40	—	—	2.5	+2.1	11.9	8
Chaman	000	3	8	00	00	95	03	2	537	39	8	7	6	x	x	34	38	—9	0	1.5	+1.0	7.8	7
Kalat	000	0	8	36	05	91	05	2	535	35	8	7	6	x	x	35	35	—1	+8	1.7	+1.4	13.6	9
Nushki	000	0	9	31	13	97	03	2	585	43	9	8	6	x	x	40	43	—	—	0.7	—	3.7	—
Dalbandin	000	9	6	05	05	97	03	1	540	41	1	5	7	3	0	34	40	—14	+3	0.6	+0.5	2.8	5
Panjgur	000	0	2	05	02	98	03	0	421	40	2	0	9	2	0	27	38	—18	+3	0.1	—	4.2	4
Kabul																						—	12
Kandahar																							—

Givanin Code.

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 4th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Pakistan Prosperity	53 213	685 00	0 05 05	97 00 0	130 86	...	—	—	...	...
Aronda	53 142	731 00	3 00 00	99 xx 0	xxx 84	..	—		—	—
Fatehalaid	53 188	713 00	1 36 09	97 00 0	110 80	1x x xx	74 20 2	80 x 49	0 51 71	1 00 xx
Tachomaru	53 197	642 00	1 03 13	98 02 0	120 77	11 4 00	76 30 5	—	0 52 70	
Oranje	53 100	618 00	2 01 22	98 02 1	073 81	22 3 00	27 61 0	—	0 51 75	1 35 35
Roepat	53 229	605 06	2 35 08	98 01 1	179 77	24 5 00	36 21 3	—	0 51 63	1 03 21
Taihomaru	53 207	628 06	3 03 09	98 03 0	150 79	24 4 61	76 31 0	..	0 00 75	
City of Newyork	53 204	638 06	2 03 09	98 00 0	171 78	11 6 02	34 00 6	—	0 53 69	1 03 21
Kaderbaksh	53 880	788 06	3 06 05	98 02 0	156 79	30 7 10	33 40 0	—	0 51 73	1 06 88
Ebysia	53 218	692 12	7 34 09	98 02 2	121 83	00 9 90	35 81 0	..	0 05 68	1 34 22
Taihomaru	53 217	615 12	3 36 09	98 02 0	130 77	21 4 10	76 71 0	—	0 52 64	
City of Newyork	53 205	650 12	7 35 10	98 02 1	134 79	00 9 05	34 61 7	—	0 51 68	1 10 22
Roepat	53 218	620 12	2 35 06	98 03 0	144 77	21 5 00	36 40 0	—	0 52 63	1 35 21
Iphiginia	53 254	573 15	1 34 04	98 02 0	196 70	10 7 80	35 30 1	..	0 60 54	1 34 xx
Dara	53 249	649 18	0 23 09	99 00 0	157 75	00 9 00	26 21 0	..		1 23 21
Aronda	53 188	704 18	0 00 00	98 xx 0	xxx 84			—	...	
Roepat	53 207	635 18	2 02 09	98 01 0	154 77	22 5 00	36 00 1	—	0 00 68	1 82 22
Aenea	53 250	577 18	0 34 07	98 02 0	178 70	00 9 00	..	..	0 57 68	1 34 11
Isomaru	53 174	679 18	4 04 07	96 02 0	140 82	44 4 00	76 22 0	..	0 00 73	1 19 22
Oranji	53 089	683 18	3 15 13	97 02 0	108 82	32 3 00	28 21 6	..	0 52 75	1 15 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels: HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	—	00 00	013 202 152	117 185 125	—	145 125 078	—	302 115 999	439 080 999	587 525 999	759 655 999	970 795	—	..	—
Jiwani	—													
Karachi	—	00 00	012 172 155	124 182 175	..	150 142 035	..	313 042 565	437 518 672	580 645 802	749 698 872	957 805	234 982	—	—
Lahore	—													
Multan	—													
Peshawar	—	00 00	Misda	—	..	—	..	—	—	—	—	—	—	—	..
Quetta	—													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	—	00 00	900 155 102	—	—	—	—	—	—	..	—	900 155 102	—	—
Jiwani	—												
Karachi	—	00 00	900 165 055	800 118 005	..	—	—	—	—	—	—	800 118 005	—	—
Lahore	—												
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 oC.)
St:-Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	22 03	20 01	16 02	10 05	11 05	..	—	—	—	06 02	05 03	05 02	08 08	11 04	29 19	12 02	10 03	—	—	29 04	29 21	..	..	..	..	—
Chaklala	..	—	..	—	—	..	—	—	—	—	28 02	10 02	13 04	07 06	31 07	—	30 08	02 04	08 02	—	—	—	—	...	—	—
Chhor	22 07	24 07	24 08	26 12	22 14	22 28	26 34	25 43	24 43	03 04	34 01	35 01	16 07	20 14	23 19	..	—	—	—	—	—	—	—	..	—	..
Chittagong	22 07	21 08	14 05	12 07	20 04	26 17	—	—	..	05 06	05 06	10 05	21 11	21 08	24 13	05 01	09 01	18 02	17 07	20 06	21 13	24 20	27 19	—	—	—
Cox's Bazar	18 05	15 06	13 06	16 06	24 05	—	—	—	—	—	—	..	—	—	..	—	—	—	—	—	—	—	—	—	—	—
Dacca	07 01	35 01	29 01	05 01	26 02	28 13	29 18	30 28	28 29	07 04	07 04	06 04	20 04	25 10	29 14	08 02	10 03	10 03	14 04	25 09	28 16	28 21	28 25	28 27	26 31	28 26
Dalbandin	—	—	05 12	06 21	07 12	35 08	—	—	..	—	—	07 17	05 11	36 07	22 08	..	—	07 17	03 11	26 10	28 02	24 33	24 39	24 43	—	..
D. I. Khan	..		—		—	—	..	..	—	—	—	—	—	—	—	—	..	—	—	—	—	—	—	—	..	..
Drosh	—	No	Ascent	—	..	—	—	..	—	...	..	—	13 01	12 05	—	—	..	—	..	12 01	12 01	—	—	..	—	—
Fort Sandeman	—		—	35 03	28 04	26 10	27 26	—	..	—	—	..	04 07	09 08	21 16	..	—	—	01 02	15 05	23 21	..	—	—	..	—
Jacobabad	30 01	10 03	10 08	18 06	23 11	24 23	24 30	24 39	25 41	08 21	11 13	20 08	20 10	24 15	23 22	05 07	08 14	13 07	22 05	23 18	22 33	23 44	..	..	—	..
Jessore	17 07	29 01	29 01	01 05	02 04	—	..	—	—	03 07	05 05	05 04	21 04	22 06	28 09	—	—	—	—	—	—	—	—	—	—	..
Jhelum	03 04	03 18	35 05	18 05	21 13	23 22	25 12	—	—	33 11	05 07	36 05	31 03	24 08	21 11	26 09	24 03	17 01	16 06	17 07	16 13	22 26	24 38	24 50	24 57	—
Jiwani	35 07	34 08	34 09	23 12	25 18	25 22	25 27	23 37	24 47	02 22	02 12	34 11	28 12	27 20	23 22	91 19	02 17	03 14	29 09	28 18	30 17	26 32	24 49	28 45	..	—
Karachi	29 07	31 08	30 11	27 14	23 17	23 24	23 31	25 31	25 39	30 10	29 10	28 03	22 07	20 15	21 26	31 08	28 04	21 06	18 09	20 15	21 20	22 38	24 42	24 54	—	—
Khanpur	04 11	05 09	08 06	17 08	19 12	23 25	23 30	25 35	24 53	02 21	04 26	05 21	11 09	14 12	21 04	03 12	02 11	35 06	28 09	27 21	24 30	23 50	23 46	23 48	—	—
Lahore	03 07	05 08	08 06	18 05	22 13	23 10	24 14	25 17	26 21	23 10	04 06	32 03	26 04	32 07	18 09	05 03	11 02	14 01	25 04	23 10	23 19	24 25	24 45	25 53	24 75	25 89
Multan	35 14	01 13	02 07	18 07	21 13	25 15	24 23	26 36	25 47	03 13	05 17	03 13	06 03	21 10	20 17	—	—	—	—	—	—	—	—	..	—	..
Muscat	—	—	—	—	—	—	..	..	—	—	—	—	—	—	..	—	—	—	—	..	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..	—	—		..	—	—	—	—	—	—	—	—	—	—	—	—	..
Peshawar	—	...	—		...		..	—	—	..	21 02	07 02	35 07	32 03	34 05	—	31 02	36 06	28 03	16 08	—	..	..	..	—	..
Quetta	...	...	—	—	17 03	19 15	20 19	—	..	—	—	—	—	30 08	—	..	—	—	—	31 04	—	..	..	—	—	..
Sharjah								..	...	—	—	..	...	—	—	—	—	..	...		—	—	..	—	..	..
Sylhet	24 03	26 04	25 03	16 94	11 09	31 08	27 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

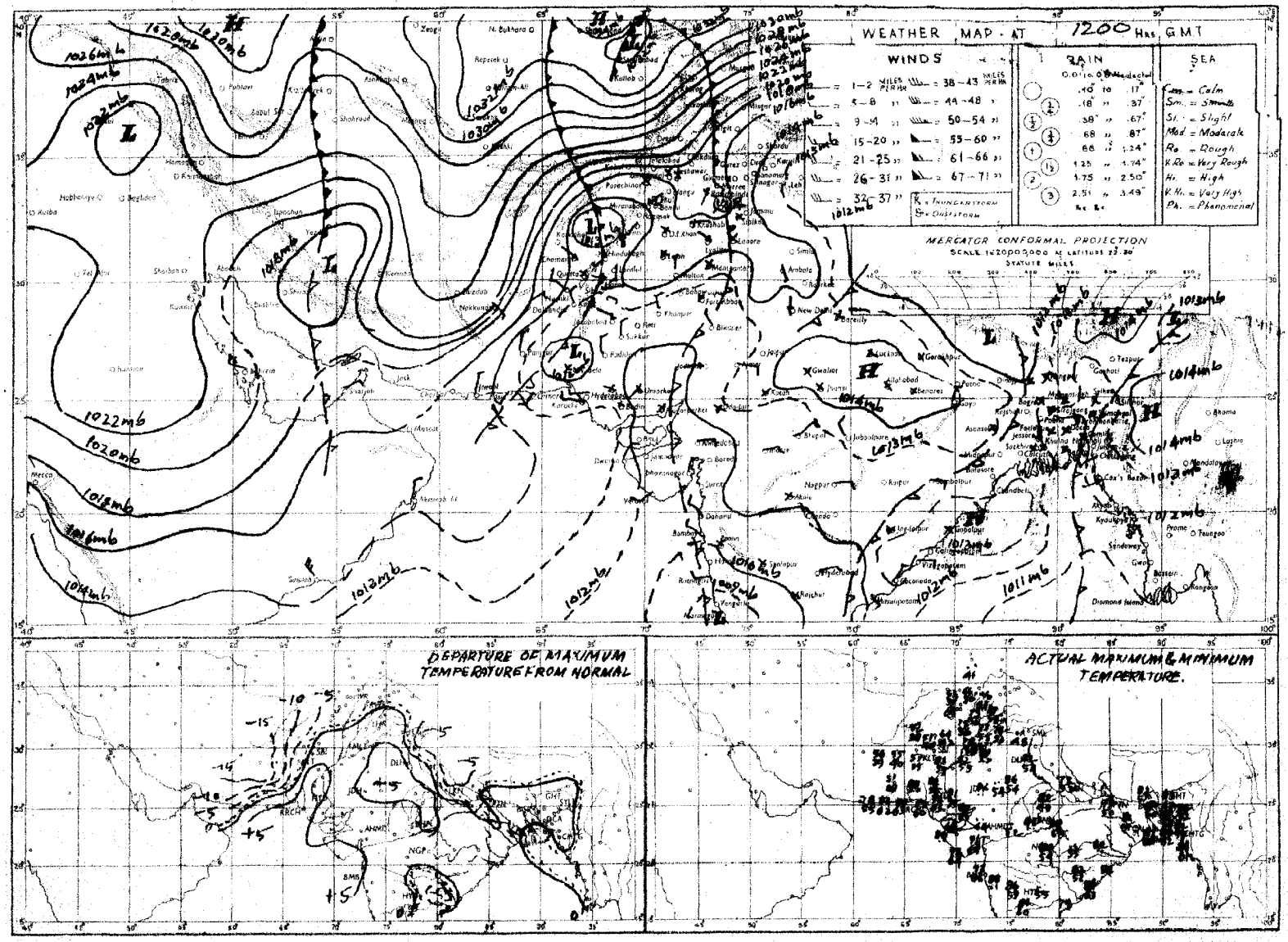
Height in g. p. a.s. l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	19 02	06 02	08 04	08 04	14 08	22 21	28 25	28 35	30 31	28 37	27 42	27 39		—	..	—	—	..
Karachi	30 09	27 08	27 07	23 09	20 13	21 23	22 29	22 39	23 45	23 49	23 76	23 65	24 01	..	..	—	—	—
Peshawar	Misda	..	—	—	—	..	.	—	...	—	—	—	—	..	—	—	—	—
Quetta																		

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

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 3rd DECEMBER, 1959



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

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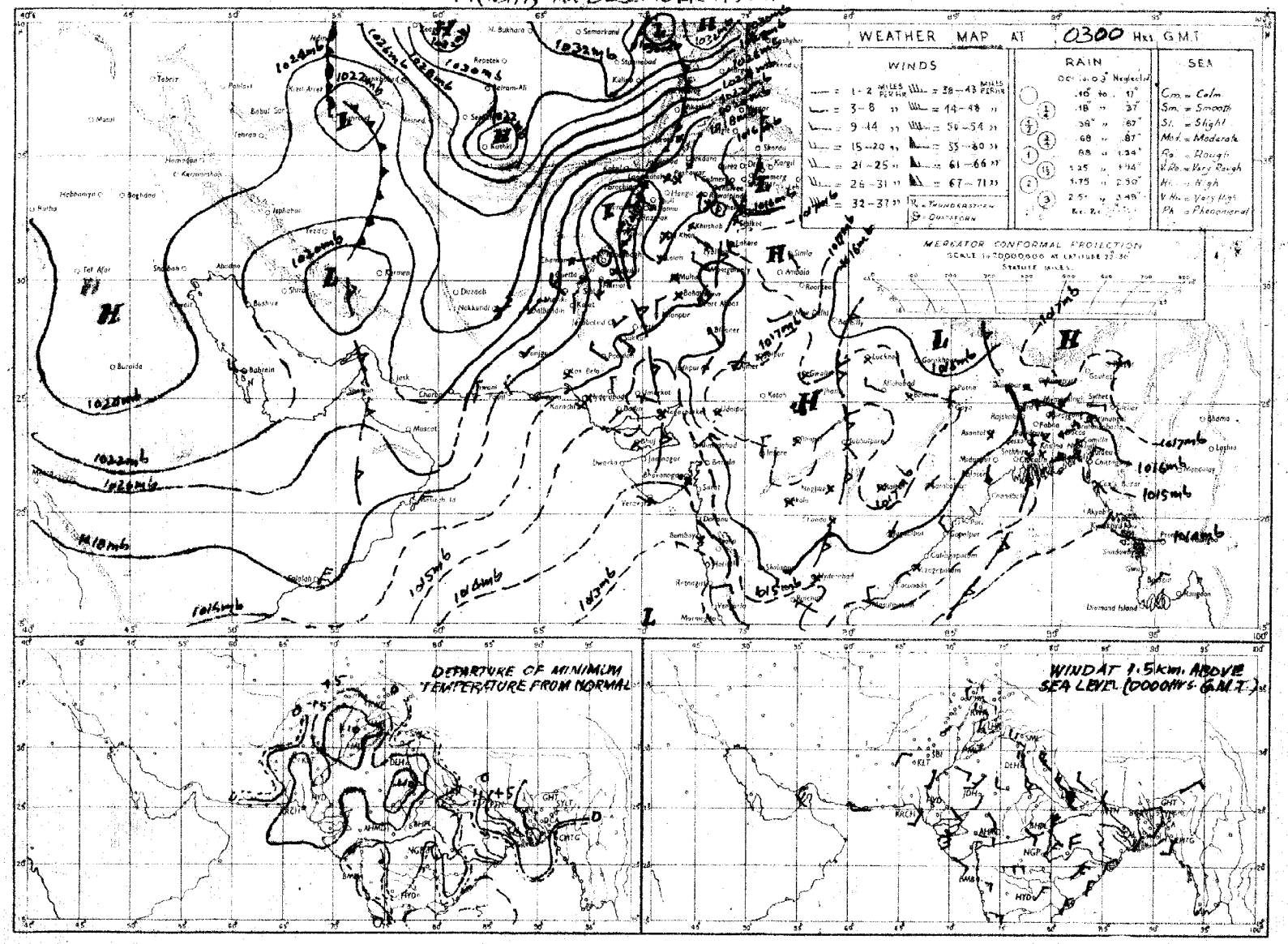
PAKISTAN DAILY WEATHER MAP

FRIDAY, 4th DECEMBER 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 5th DECEMBER, 1959.

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

Yesterday's western disturbance over east Russian Turkistan with its trough extending to D. I. Khan division moved away northeastwards.

The secondary western disturbance over central Iran now lies over Afghanistan and neighbourhood.

Local rain/thundershowers have been reported from Rawalpindi and Peshawar divisions and scattered light rain from D. I. Khan and Quetta divisions.

Ship observations are lacking but believe a depression has formed in southeast Bay of Bengal centred at 05,0300 G. M. T. within one degree of latitude 9°N longitude 90°E. It is likely to intensify and move in a westerly direction.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Campbellpur 1½", Rawalpindi, Murree, Cherat, Haripur, Kakul and Loralai 1/4" each.

Night temperatures were:- 3—5°F below normal in Quetta and Kalat divisions outside the coast and were 3—8°F above normal in Rawalpindi, Lahore, Multan, D. I. Khan, Bahawalpur, Haripur and Hyderabad divisions and in East Pakistan outside south Chittagong division.

Forecast valid until the evening of 6th December, 1959. Scattered rain/drizzle will fall in D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 5th December, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	25	02	95	01	1	120	74	0	0	9	0	6	63	64
	Chittagong	000	0	1	25	05	xx	02	1	128	72	1	0	9	0	1	65	81
	Maijdee Court	000	9	9	00	00	xx	10	0	175	72	9	x	9	x	x	65	81
	Comilla	000	0	0	00	00	94	00	0	130	72	0	0	9	0	0	65	82
	Brahmanbaria	000	0	0	00	00	xx	03	0	121	75	2	0	9	0	4	69	82
	Sylhet	000	0	0	00	00	94	00	0	133	73	0	0	9	7	0	65	82
	Srimangal	000	0	0	00	00	xx	00	0	124	70	0	0	9	0	0	64	83
Dacca	Mymensingh	000	0	0	00	00	97	00	0	129	75	0	0	9	0	0	62	82
	Narayanganj	000	9	3	00	00	xx	03	0	116	75	0	0	9	0	0	62	83
	Dacca (Tezgaon)	000	0	1	00	00	97	01	0	119	72	0	0	9	0	1	59	81
	Faridpur	000	8	0	00	00	95	05	0	118	72	0	0	9	0	0	67	82
	Barisal	000	0	0	00	00	95	02	1	118	77	0	0	9	0	0	66	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	128	73	0	0	9	0	0	65	80
	Satkhira	000	3	3	00	00	98	02	1	128	74	3	0	8	0	0	73	82
	Jessore	000	0	0	00	00	97	00	0	125	73	0	0	9	0	0	73	81
	Sirajganj	000	0	0	00	00	xx	00	0	132	71	0	0	9	0	0	62	83
	Bogra	000	0	2	00	00	xx	02	1	124	73	1	5	6	0	1	64	80
	Dinajpur	000	0	2	00	00	xx	03	0	121	75	2	0	9	0	4	69	82
	Rangpur	000	0	6	00	00	96	01	0	xxx	67	0	0	9	0	0	61	78
Kashmir	Jammu																	
Lahore	Lahore (Int'l Ad)	000	4	4	00	00	96	02	1	134	75	2	1	8	8	0	60	80
	Sialkot	000	0	3	00	00	97	01	0	132	71	3	0	9	4	x	52	77
Rawalpindi	Jhelum	000	8	5	31	05	96	02	1	147	65	3	1	7	3	0	50	76
	Rawalpindi	000	0	7	27	02	99	02	2	164	59	5	5	7	7	0	44	68
	Khushab	000	0	3	11	02	99	02	1	147	65	3	6	0	0	0	60	79
Multan	Lyallpur	000	0	0	00	00	96	00	0	153	74	0	0	9	0	0	57	70
	Montgomery	000	0	0	05	02	96	00	0	128	75	0	0	9	0	0	58	80
	Multan	000	0	0	00	00	96	01	1	139	75	0	0	9	0	0	52	77
Bahawalpur	Leiah	000	0	3	36	05	98	02	2	140	78	0	0	8	2	0	57	79
	Khanpur	000	0	0	02	02	96	02	0	130	75	0	0	9	0	0	58	80
	Bahawalpur	000	0	0	00	00	97	00	0	139	75	0	0	9	0	0	60	78
	Fort Abbas	000	0	3	04	02	98	00	0	120	79	0	0	9	0	0	61	82
Peshawar	Chakdara	177	5	8	09	03	96	05	6	155	56	8	6	7	x	x	47	57
	Peshawar	002	5	7	31	03	96	21	6	186	56	6	5	6	3	0	53	61
	Haripur	005	4	8	13	06	97	03	6	158	56	6	8	6	0	0	xx	66
	Campbellpur	115	7	7	36	02	97	20	6	193	55	0	0	9	0	0	53	59
D. I. Khan	Bannu	005	7	3	09	01	99	01	1	149	62	3	0	9	7	0	54	65
	D. I. Khan	000	4	5	00	00	98	03	1	151	46	0	0	9	5	0	56	71
Quetta	Sibi	000	9	6	00	00	97	03	1	144	72	6	7	3	0	0	54	76
Kalat	Nokkundi	000	0	0	09	02	98	00	0	222	56	0	0	9	0	0	27	59
	Turbat	000	0	0	09	04	98	09	0	149	71	0	0	9	0	0	49	77
	Jiwani	000	0	0	34	07	98	02	0	167	73	0	0	9	0	0	27	73
	Pasni	000	0	0	34	09	98	00	0	137	75	0	0	9	0	0	59	77
	Ormara	000	0	0	23	03	98	00	0	128	78	0	0	9	0	0	xx	xx
	Las Bela	000	0	0	00	00	98	00	0	137	85	0	0	9	0	0	46	86
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	123	84	0	0	9	0	0	75	88
	Karachi (Air Port)	000	0	1	23	05	97	02	0	126	79	0	0	9	0	1	65	85
	Badin	000	0	0	00	00	97	00	0	127	82	0	0	9	0	0	63	86
	Nagarparkar	000	0	8	00	00	96	02	2	115	78	8	6	7	0	0	56	79
	Umarkot	000	0	2	23	03	98	00	0	110	96	0	0	9	0	2	43	89
	Hyderabad	000	0	5	00	00	97	03	0	128	81	3	0	9	3	1	59	83
Khairpur	Pad-i-dan	000	0	0	31	02	97	02	0	125	79	0	0	9	0	0	56	81
	Nawabshah	000	0	2	00	00	97	02	0	135	81	2	5	7	0	0	55	83
	Sukkur	000	0	0	07	03	96	00	0	125	78	0	0	9	0	0	57	82
	Kashmore	000	0	0	xx	xx	99	00	0	128	75	0	0	9	0	0	49	79
	Jacobabad	000	0	0	36	03	98	02	0	131	78	0	0	9	0	0	54	79
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	004	4	8	11	09	97	03	6	518	43	8	9	3	1	1	41	49
Peshawar	Drosh	009	6	6	00	00	96	03	5	528	44	5	5	6	3	0	40	46
	Cherat	025	4	6	36	05	98	03	6	519	46	6	6	6	0	0	42	51
	Kakul	008	2	8	23	07	95	50	6	522	xx	8	7	4	x	x	46	58
	Landi Kotal	000	4	7	00	00	97	52	5	512	51	0	0	9	2	0	43	55
D. I. Khan	Parachinar	000	0	2	00	00	98	00	0	511	53	2	9	0	0	0	30	51
	Miranshah	000	0	0	00	00	99	03	2	490	58	0	0	9	0	0	37	60
	Wana	000	3	0	16	02	99	10	0	480	53	0	0	9	0	0	38	58
	Fort Sandeman	005	0	4	07	01	98	01	2	532	55	4	2	7	0	0	47	56
Quetta	Hindubagh	000	6	2	25	10	96	03	1	499	43	0	0	9	2	3	33	51
	Loralai	019	7	4	23	03	97	01	6	375	56	4	2	7	0	0	44	59
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	2	8	30	12	94	02	2	317	44	8	8	6	0	0	38	45
	Chaman	000	9	3	31	02	96	01	1	530	47	3	0	8	0	4	31	49
Kalat	Kalat	000	0	8	34	05	96	02	2	528	38	8	7	6	0	0	37	43
	Nushki	000	0	3	31	13	98	01	2	582	49	3	2	6	0	0	34	51
	Dalbandin	000	8	1	05	07	96	03	1	541	54	1	1	7	0	0	23	55
	Panjgur	000	0	0	36	07	97	00	0	520	53	0	0	9	0	0	21	53
Afghanistan	Kabul																	
	Kandahar																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	2	02	02	97	03	0	136	73	0	0	9	0	3	64	63
Chittagong	000	0	3	05	05	96	02	1	145	71	1	0	9	1	2	63	59
Maijdee Court	000	9	0	00	00	98	00	4	143	73	0	0	9	0	0	61	59
Comilla	000	0	0	00	00	97	00	0	130	73	0	0	9	0	0	61	60
Brahmanbaria	000	0	4	08	00	97	03	1	146	73	0	0	9	0	4	69	64
Sylhet	000	0	2	09	02	97	02	0	141	70	1	0	9	7	2	62	61
Srimangal	000	0	2	00	00	96	03	0	143	69	0	0	9	0	0	63	51
Mymensingh	000	0	4	09	02	97	02	1	146	69	0	0	9	0	8	62	60
Narayanganj	000	9	5	00	00	94	42	4	140	74	0	0	9	0	8	63	63
Dacca (Tezgaon)	000	0	5	05	03	97	03	1	136	73	0	0	9	0	1	63	57
Faridpur	000	9	7	18	02	96	03	0	151	73	2	5	7	0	2	64	58
Barisal	000	0	6	00	00	97	02	2	139	70	6	0	9	4	0	65	62
Khulna	000	0	0	00	00	97	00	0	146	74	0	0	9	0	0	62	63
Satkhira	000	0	3	00	00	98	02	0	143	71	0	0	9	0	4	61	60
Jessore	000	0	4	05	03	97	01	0	145	67	0	0	9	0	3	62	58
Sirajganj	000	0	6	00	00	97	03	1	134	74	0	0	9	0	4	66	63
Bogra	000	0	3	00	00	96	03	0	145	72	0	0	9	0	1	64	60
Dinajpur	000	0	0	00	00	96	00	0	130	67	0	0	9	0	0	57	57
Rangpur	000	0	0	05	02	96	01	0	xxx	66	0	0	9	0	0	60	59
Jammu																	
Lahore (Int'l Ad)	000	0	2	31	02	96	03	0	172	55	1	1	8	3	0	53	55
Sialkot	000	0	3	05	03	97	02	0	172	57	3	0	9	4	0	55	53
Jhelum	004	9	5	09	05	98	95	9	174	58	5	3	5	0	0	50	57
Rawalpindi	029	9	8	36	02	98	91	9	186	52	8	6	6	x	x	48	47
Khushab	..	..	..	—	—	—	—	—	..	—	—	—	..	..	—	...	—
Lyallpur	000	0	6	29	02	96	02	0	174	52	6	3	6	0	0	58	51
Montgomery	000	0	3	31	03	96	00	0	189	56	3	0	9	4	0	50	34
Multan	000	0	3	36	02	96	02	0	184	57	1	5	6	3	0	49	55
Leiah	000	0	2	36	07	98	03	2	196	61	2	0	9	9	0	49	49
Khanpur	000	0	0	02	04	96	03	0	169	58	0	0	9	0	0	51	37
Bahawalpur	000	0	0	05	02	97	00	0	181	62	0	0	9	0	0	53	56
Fort Abbas	..	..	..	—	—	—	—	—	...	—							
Chakdara	017	0	4	00	00	96	02	2	187	44	4	0	8	4	0	42	42
Peshawar	002	0	1	27	21	98	02	0	180	50	1	0	9	3	0	24	44
Haripur	021	9	8	05	07	96	02	6	180	50	8	5	6	x	x	46	43
Campbellpur	126	9	8	18	02	97	03	6	212	49	8	3	8	x	x	48	47
Bannu	005	2	1	31	01	99	01	0	177	49	1	0	9	0	0	45	47
D. I. Khan	010	0	0	31	02	98	00	0	178	55	0	0	9	0	0	52	51
Sibi	000	0	0	31	02	99	00	0	185	60	0	0	9	0	0	54	59
Nokkundi	000	0	0	05	02	99	00	0	292	34	0	0	9	0	0	29	34
Turbat	000	0	0	09	04	97	09	0	184	59	0	0	9	0	0	43	xx
Jiwani	000	0	0	36	05	97	02	0	189	53	0	0	9	0	0	27	49
Pasni	000	0	0	36	14	98	00	0	173	61	0	0	9	0	0	49	59
Ormara	000	0	0	00	00	98	00	0	171	63	0	0	9	0	0	50	58
Las Bela	000	0	0	00	00	98	00	0	176	68	0	0	9	0	0	52	54
Karachi (Manora)	000	0	0	02	07	95	05	0	161	68	0	0	9	0	0	51	65
Karachi (Air Port)	000	0	0	00	00	96	02	0	157	61	0	0	9	0	0	56	57
Badin	000	0	0	23	03	96	00	0	158	64	0	0	9	0	0	59	61
Nagarparkar	000	0	8	00	00	96	02	2	146	69	8	0	9	4	x	58	64
Umarkot	000	0	7	02	03	98	00	0	147	62	7	0	9	4	0	53	59
Hyderabad	000	0	0	36	07	97	02	0	165	64	0	0	9	0	0	55	63
Pad-i-dan	000	0	0	34	05	97	02	0	179	58	0	0	9	0	0	52	55
Nawabshah	000	0	0	31	03	96	02	0	177	59	0	0	9	0	0	53	58
Sukkur	000	0	0	07	05	96	00	0	172	60	0	0	9	0	0	48	57
Kashmore	000	0	0	05	07	99	00	0	178	63	0	0	9	0	0	45	58
Jacobabad	000	0	0	09	02	98	02	0	180	61	0	0	9	0	0	44	58
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	026	9	8	31	09	95	96	6	525	36	8	9	2	x	x	35	35
Drosh	009	9	7	00	00	95	03	2	536	40	7	7	5	0	0	xx	39
Cherat	025	0	2	36	09	99	02	0	520	45	2	1	6	0	0	38	44
Kakul	034	9	8	13	09	91	46	9	517	45	8	7	4	x	x	44	43
Landi Kotal	006	0	0	00	00	99	00	0	512	41	0	0	9	0	0	38	38
Parachinar	000	0	0	00	00	98	00	0	530	32	0	0	9	0	0	76	31
Miranshah	000	0	4	00	00	99	02	0	498	48	2	2	7	2	0	37	44
Wana	000	0	0	00	00	99	00	0	503	35	0	0	9	0	0	31	35
Fort Sandeman	005	0	0	00	00	98	00	0	527	38	0	0	9	0	0	30	38
Hindubagh	000	0	0	25	08	98	00	0	525	32	0	0	9	0	0	24	xx
Loralai	019	0	0	27	03	98	00	0	351	36	0	0	9	0	0	31	45
Harnai	000	0	0	09	01	97	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	96	00	0	548	32	0	0	9	0	0	22	29
Chaman	000	0	0	09	01	96	00	0	555	34	0	0	9	0	0	29	32
Kalat	000	0	0	00	00	96	02	9	555	31	0	0	9	0	0	26	22
Nushki	000	0	0	00	00	98	00	0	609	41	0	0	9	0	0	25	37
Dalbandin	000	9	0	05	03	98	02	0	535	34	0	0	9	0	0	25	32
Panjgur	000	0	0	05	02	98	00	0	536	45	0	0	9	0	0	14	38
Kabul																	
Kandahar																	

Departure from Normal of; Rainfall

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+ 3	+ 1	0	— 3.4	141.1	140
Chittagong	+ 1	+ 1	0	— 2.3	142.0	108
Maijdee Court	+ 1	— 2	0	— 1.6	144.7	115
Comilla	+ 1	+ 3	0	— 1.4	107.7	94
Brahmanbaria	—	—	0	— 1.1	85.2	76
Sylhet	—	—	0	—	193.9	—
Srimangal	0	0	0	— 1.5	109.4	98
Mymensingh	+ 3	+ 1	0	— 0.8	113.3	91
Narayanganj	+ 3	+ 3	0	— 1.0	103.9	74
Dacca (Tezgaon)	—	—	0	—	103.6	—
Faridpur	+ 2	0	0	— 1.1	116.7	71
Barisal	+ 1	+ 3	0	— 1.6	140.5	81
Khulna	0	+ 5	0	— 1.2	102.8	68
Satkhira	0	+ 5	0	— 1.8	82.1	65
Jessore	—	—	0	— 1.0	105.8	65
Sirajganj	+ 4	+ 6	0	— 0.7	107.7	64
Bogra	+ 1	+ 3	0	— 0.8	104.4	69
Dinajpur	+ 2	+ 2	0	— 0.4	66.9	72
Rangpur	— 1	+ 4	0	— 0.4	92.4	84
Jammu						—
Lahore (Int'l Ad)	+ 3	+ 13	1.1	+ 1.8	27.1	19
Sialkot	+ 4	+ 8	3.1	+ 2.9	61.8	32
Jhelum	—	—	4.6	—	54.7	—
Rawalpindi	— 3	+ 8	3.6	+ 3.2	55.9	36
Khushab	+ 3					13
Lyallpur	— 3	+ 8	0.4	+ 0.2	18.6	32
Montgomery	+ 2	+ 7	0.1	0	8.5	18
Multan	+ 1	+ 10	0.1	+ 0.1	8.3	7
Leiah	—	—	2.5	—	7.0	8
Khanpur	+ 1	+ 11	0	— 0.1	1.4	4
Bahawalpur	+ 1	+ 11	0.1	+ 0.1	6.4	6
Fort Abbas	—					4
Chakdara	—	—	5.4	—	32.1	—
Peshawar	— 9	+ 1	5.0	+ 4.6	28.5	14
Haripur	—	—	4.5	—	35.7	—
Campbellpur	—	—	4.4	—	40.4	—
Bannu	—	—	2.5	—	15.4	11
D. I. Khan	— 4	+ 8	1.7	+ 1.5	16.6	10
Sibi	—	—	4.1	—	9.3	5
Nokkundi	—	—	0.7	—	1.8	2
Turbat	—	—	1.6	—	8.9	—
Jiwani	—	—	1.1		7.7	4
Pasni	— 3	+ 1	0.3	0	13.4	6
Ormara	—	—	2.7	+ 2.7	6.8	6
Las Bela	—	—	0.4	—	7.3	8
Karachi (Manora)	+ 7	+ 2	1.8	+ 1.5	18.1	3
Karachi (Air Port)	—	—	3.3	—	26.1	—
Badin	+ 3	+ 7	0.3	+ 0.1	11.5	9
Nagarparkar	—	—	0	—	30.5	—
Umarkot	—	—	0.5	—	20.8	—
Hyderabad	+ 1	+ 9	0.5	+ 0.5	15.9	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	+ 1	+ 9	0.3	+ 0.2	4.7	4
Veraval						30
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 3	— 2	5.5	+ 4.7	84.0	59
Drosh	— 11	0	4.6	—	35.3	18
Cherat	— 8	— 1	6.0	+ 5.4	37.4	29
Kakul	—	—	4.8	—	59.9	—
Landi Kotal	—	—	3.9	—	32.8	—
Parachinar	—	—	6.0	—	34.0	29
Miranshah	—	—	1.1	+ 1.1	8.1	13
Wana	—	—	1.2	—	15.3	—
Fort Sandeman	— 9	+ 2	5.0	+ 4.8	21.0	11
Hindubagh	—	—	4.7	—	17.7	—
Loralai	—	—	3.6	—	16.2	—
Harnai	—	—	5.9	+ 5.6	18.7	14
Quetta	—	—	2.5	+ 2.1	11.9	8
Chaman	— 12	— 6	1.5	+ 0.9	7.8	7
Kalat	— 15	— 5	1.7	+ 1.4	13.6	9
Nushki	—	—	0.7	—	3.7	—
Dalbandin	— 14	— 5	0.6	+ 0.5	2.8	5
Panjgur	— 16	— 3	0.1	—	4.2	4
Kabul					—	12
Kandahar						—

Given a Code.
a These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
aa 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. 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 5th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isomeru	63 144	666 00	5 01 12	97 02 0	120 79	44 4 51	76 62 0	—	0 00 70	1 01 22
Oranji	63 086	706 00	5 18 10	98 02 1	096 82	54 4 00	18 50 0	—	0 52 72	1 18 32
Talomaru	63 240	590 00	1 35 20	98 02 0	160 72	11 4 10	79 40 0	—	0 58 xx	..
Fatehabad	63 222	688 00	4 05 13	97 03 1	125 76	50 6 32	74 20 2	85 0 00	—	
Iphigenia	63 224	595 03	7 36 14	98 03 2	211 72	65 4 08	35 20 9	—	0 52 54	1 36 22
Paresia	63 225	521 06	1 27 15	99 01 0	240 68	11 6 00	25 22 0	—	0 58 55	1 27 22
Iphigenia	63 222	599 06	4 36 16	98 01 1	213 75	32 3 80	45 10 2	..	2 56 65	1 36 22
Kotli	63 247	637 06	0 32 16	98 01 0	184 10	00 9 00	66 11 5	—	0 58 58	1 32 33
Iqbal Baksh	63 138	865 06	2 02 05	99 xx 0	xxx 82			—		
Berenice	63 255	521 06	1 27 15	99 01 0	240 68	61 6 00	25 22 0	..	0 58 58	1 27 22
Ibhiannia	63 222	599 06	4 36 16	98 01 1	213 75	32 3 80	45 10 2	—	0 56 65	1 36 22
Isomaru	63 195	650 06	9 02 16	98 03 1	165 81	88 3 2x	04 21 5	—	0 00 72	1 01 22
British Reliance	63 203	596 06	3 04 12	99 02 0	177 78	31 5 00		..		
Kadar Baksh	63 192	700 06	4 07 05	98 02 0	144 81	00 9 01	33 10 2	..	0 52 74	1 07 21
Rossi	63 247	637 06	0 32 16	xx 01 0	xxx 70	00 9 00	66 11 5	—	0 58 58	1 32 33
Iphigenia	63 215	596 09	3 02 14	98 03 0	183 77	32 4 80	45 93 0	—	0 53 60	1 02 22
British Reliance	63 191	589 12	3 04 18	99 02 0	152 77	31 5 00		..		
Berenice	63 259	538 12	0 27 06	99 01 0	210 72	00 9 00	25 72 0	..	0 60 53	1 27 12
Roopat	63 173	677 12	7 05 10	98 03 2	105 79	71 5 2x	36 71 2	..	0 53 75	1 05 22
Isomaru	63 204	635 12	5 03 18	99 01 1	150 82	44 4 20	86 60 5	..	0 07 75	1 03 33
Iqbal Baksh	63 128	861 12	1 36 02	99 xx 0	xxx 81			—		
Berenice	63 261	545 15	0 07 05	99 02 0	217 70	00 9 00	25 2 07	—	0 62 63	1 07 xx
Rani	63 164	595 15	5 03 18	98 03 1	101 81	42 5 00		—		
Roopat	63 163	688 18	1 06 10	98 02 1	120 82	11 5 00	36 01 0	—	0 50 73	1 06 22
Dura	63 236	673 18	0 27 05	97 00 0	146 75	00 9 00	36 10 5	..	...	1 28 11

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	011 145 128	111 165 142	..	149 145 045	..	312 050 999	436 528 999	577 602 995	745 688 999	953 832	203 965	419 000	—
Lahore														
Multan														
Peshawar	00 00	975 080 060	—	..	150 050 999	..	305 540 999	424 645 999	559 758 999	715 828 999	—	—	—	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00	976 202 145	900 185 065	800 112 538	—	—	—	—	—	—	800 112 538	—	—
Lahore													
Multan													
Peshawar	00 00	900 068 999	808 030 999	350 882 999	344 888 999	..	—	—	—	—	344 888 999	—	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra	08 03	09 02	09 03	10 06	—	..	—	—	—
Chaklala	..	—	..	—	—	..	—	—	—
Chhor	28 04	35 02	35 02	20 08	21 14	20 23	21 30	23 40	23 49
Chittagong	27 06	30 02	14 03	16 03	16 08	18 04	—	—	..
Cox's Bazar	26 04	19 03	13 04	16 07	20 14	23 17	—	—	—
Dacca	16 04	15 03	12 02	13 03	18 08	26 13	27 15	26 23	27 25
Dalbandin	—	—	09 08	05 09	01 09	35 11	29 17	25 34	25 39
D. I. Khan	..	—	—	—	—	—	..	..	—
Drosh	—	—	—	—	23 02	19 03	—	..	—
Fort Sandeman	—	—	—	02 02	18 05	23 14	24 21	24 29	24 49
Jacobabad	36 03	06 03	12 03	23 10	23 21	22 29	23 32	24 41	23 44
Jessore	09 03	06 03	03 03	36 04	23 05	—	..	—	—
Jhelum	31 12	31 15	31 13	19 05	15 11	19 17	23 19	24 25	23 27
Jiwani	36 13	35 18	36 18	36 17	33 16	21 14	27 23	27 36	26 41
Karachi	27 07	23 02	23 03	21 12	22 14	22 27	24 37	24 47	25 55
Khanpur	02 09	36 02	27 02	24 11	22 21	23 24	24 38	23 47	23 58
Lahore	03 05	05 04	10 03	16 07	18 09	19 13	—	—	..
Multan	02 09	01 11	36 10	29 08	24 11	25 31	24 37	25 47	25 51
Muscat	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..
Peshawar	—	02 07	03 07	02 10	01 08	28 07	23 15	—	—
Quetta	—	—	—	—	26 03	32 01	—	—	—
Sharjah	—	—	—	—	—	..	—	..	...
Sylhet	05 01	15 01	21 02	09 05	04 03	25 15	—	—	..
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	02 04	01 06	02 06	06 10	03 04	29 21
Chaklala	—	30 02	09 02	04 05	22 07	19 14
Chhor	01 08	35 06	29 04	20 09	20 15	26 23
Chittagong	—	..	..	—	—	—
Cox's Bazar	01 08	01 15	17 04	23 21	24 20	24 26
Dacca	07 07	06 06	03 06	06 07	26 03	26 13
Dalbandin	—	—	07 13	06 13	36 14	33 15
D. I. Khan	—	—	—	—	—	—
Drosh	—	..	—	14 04	12 07	16 12
Fort Sandeman	—	—	..	30 06	27 05	28 16
Jacobabad	01 09	01 07	31 06	23 13	23 17	29 22
Jessore	08 06	06 06	05 07	07 04	23 10	27 09
Jhelum	29 15	31 10	24 03	21 12	19 15	..
Jiwani	01 25	02 23	05 22	02 13	02 12	01 10
Karachi	04 07	04 01	24 01	19 07	24 10	26 15
Khanpur	03 23	04 23	05 10	24 08	25 04	21 06
Lahore	02 09	12 04	25 04	25 06	23 08	24 23
Multan	01 22	01 17	02 16	27 08	25 13	23 32
Muscat	—	—	—	—	—	..
Panjgur	—	—	..	..	—	—
Peshawar	..	28 02	30 03	31 09	32 08	33 10
Quetta	—	—	—	—	34 06	34 15
Sharjah	—	—	..	—	—	—
Sylhet	10 16	11 08	10 06	09 10	08 06	28 26
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)	9.7 (27)
Bogra	32 03	31 05	33 05	08 04	13 02	29 15	..	..	..	..	—
Chaklala	—	06 07	01 04	35 06	27 06	23 11	—	—	—	—	—
Chhor	..		..	—	—	—	—	—	..	—	..
Chittagong	32 04	16 05	21 13	23 27	22 21	25 30	—	..	—	—	—
Cox's Bazar	33 01	18 07	21 13	22 21	22 15	25 21	..	—	—	..	—
Dacca	09 03	04 02	04 02	17 05	24 10	26 13	28 22	25 31	26 23	26 27	25 39
Dalbandin	..	—	07 09	07 13	36 11	35 13	30 20	29 30	29 33	28 39	29 49
D. I. Khan	---	...	—	—	—	—	..	—	—	..	..
Drosh	—	.	—	..	03 02	36 07	36 07	—	..	—	—
Fort Sandeman	..	—	—	23 03	35 05	31 17	29 34	28 49	28 58	..	—
Jacobabad	02 05	34 07	30 05	28 04	30 05	29 19	..	..	..	—	..
Jessore	34 03	30 03	33 02	05 01	24 10	25 09	—	—	—	..	—
Jhelum	34 07	28 09	26 09	21 14	20 17	23 21	24 30	—	—	—	—
Jiwani	06 15	06 14	06 14	02 13	04 08	03 08	33 12	30 12	31 18	..	—
Karachi	05 11	06 06	20 04	28 09	26 04	28 07	27 19	27 27	27 34	25 43	..
Khanpur	04 15	04 15	02 07	26 13	26 12	20 03	—	—	..	—	..
Lahore	32 07	32 09	27 08	15 06	31 10	24 17	24 35	23 36	24 31	24 52	..
Multan	02 08	01 15	02 13	36 06	31 11	26 21	24 42	25 42	26 47	27 53	..
Muscat	—	—	---	—	..	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	--	--	—	—	—
Peshawar	—	—	—	..	..	..	..	..	..	..	..
Quetta	..	—	---	..	30 02	32 15	30 25	29 34	27 33	26 48	—
Sharjah	—	—	..	—			..	..	—	..	—
Sylhet	10 03	09 03	11 05	10 05	21 07	25 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. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong																	—	..
Dacca																		
Karachi	05 06	10 03	17 02	22 05	22 09	26 12	26 17	28 27	26 34	26 44	25 58	24 67	25 74	74 02	74 26	74 08	—	—
Peshawar	Misda	..	—	—	—	..	..	—	—	—	—	—	—	..	—	—	—	—
Quetta																		

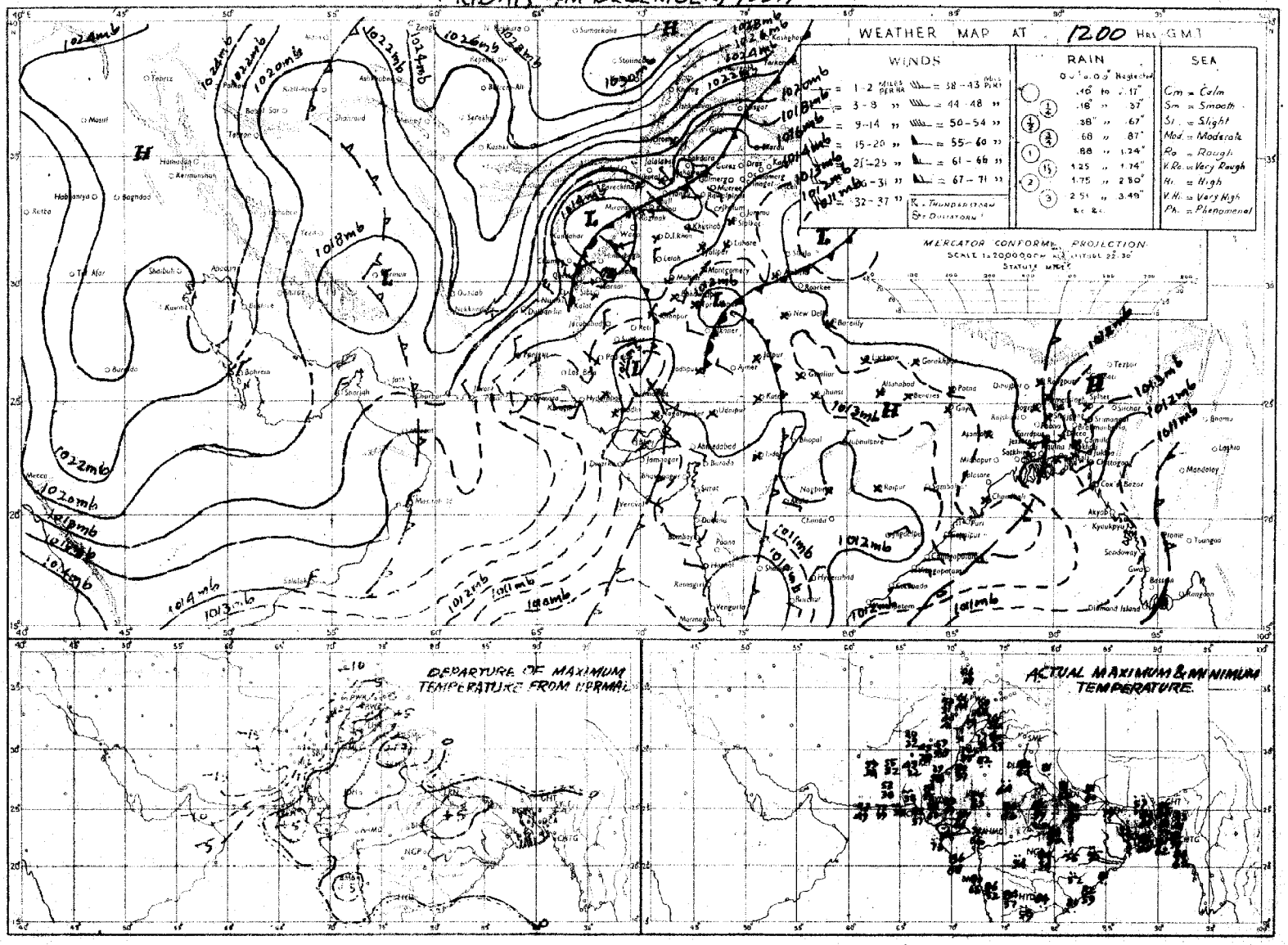
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

The correctness of entries in this report cannot be guaranteed. Corrections can be obtained, if necessary apply, caution to the Meteorologist, Weather Central Air Port, KARACHI-II

PAKISTAN DAILY WEATHER MAP

FRIDAY, 4th DECEMBER, 1959.



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

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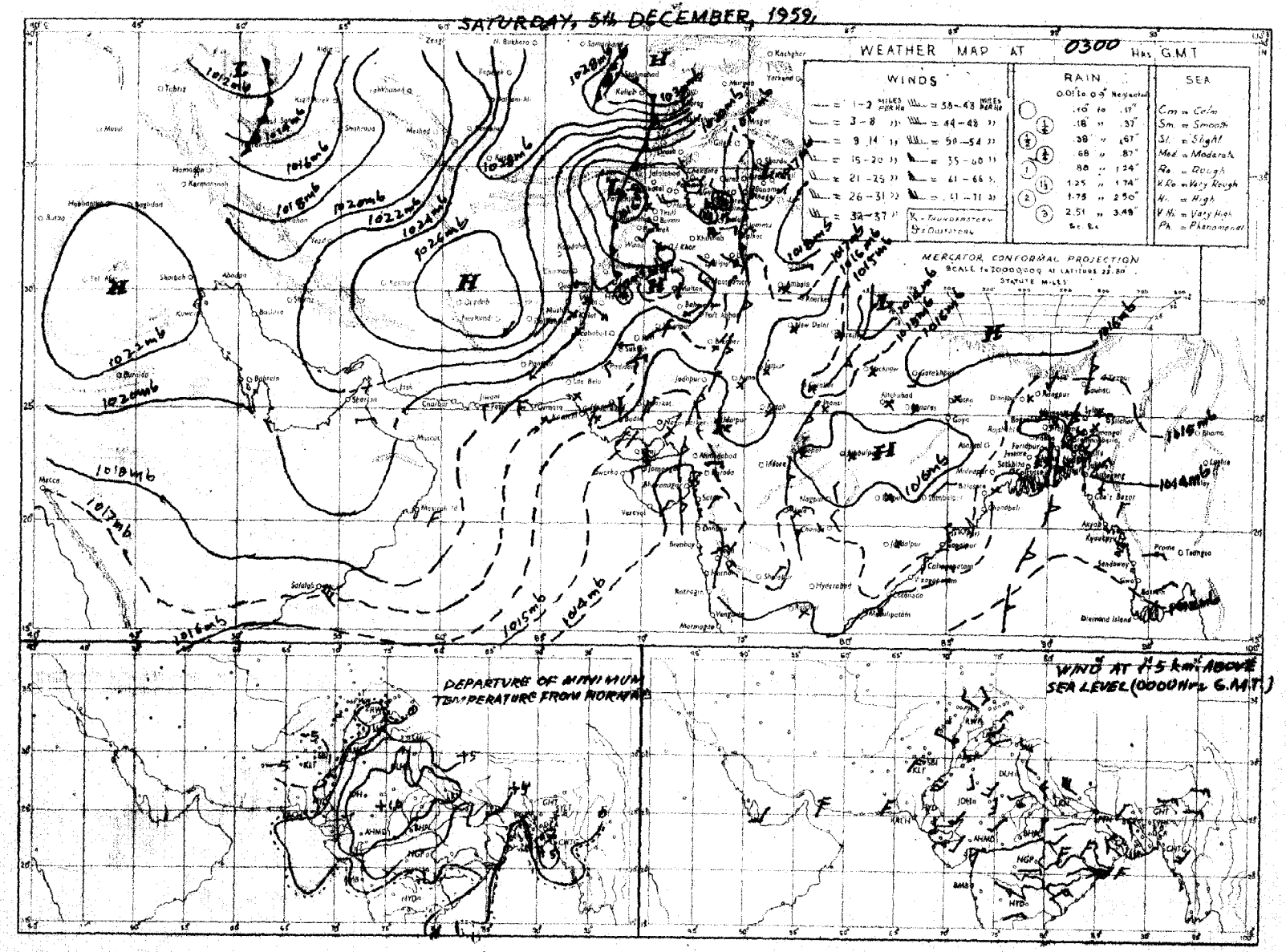
PAKISTAN DAILY WEATHER MAP

SATURDAY, 5th DECEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 6th DECEMBER, 1959.

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

Yesterday's western disturbance over Afghanistan and neighbourhood is moving away northeastwards across Kashmir. It has caused local thundershowers with a few snowfalls over hills in Rawalpindi division and scattered in Peshawar division.

A fresh western disturbance is moving across northeast Iran and adjoining Russian Turkistan.

Ship observations are lacking but believe depression in southeast Bay moved westnorth westwards and is centred at o6, 0300 G. M. T. within one degree of latitude 11°N longitude 88°E. It is likely to move in a northwesterly direction.

Chief amounts of rainfall are: Murree ½" and Jhelum 1/4".

Night temperatures were:- 4—6°F below normal in Quetta and Kalat divisions outside the coast and were 3—8°F above normal in Lahore, Multan, Bahawalpur, Khairpur and Hyderabad divisions and in East Pakistan.

Forecast valid until the evening of 7th December, 1959. Scattered rain/snow may occur in the hills of Peshawar and Rawalpindi divisions and in Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 6th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	31	02	95	01	0	117	75	0	0	9	0	6	66	83
	Chittagong	000	0	2	34	05	xx	01	1	124	74	1	3	9	1	2	63	82
	Maijdee Court	000	9	9	00	00	xx	10	0	122	71	9	x	9	x	x	63	81
	Comilla	000	0	0	00	00	xx	02	0	117	73	0	0	9	0	0	65	83
	Brahmanbaria	000	0	2	00	00	xx	01	1	125	73	0	0	9	0	2	69	82
	Sylhet	000	0	1	00	00	xx	01	2	116	70	1	1	6	0	1	63	80
	Srimangal	000	0	4	00	00	xx	02	0	121	72	2	2	7	0	1	64	83
Dacca	Mymensingh	000	0	2	00	00	97	01	1	127	73	0	0	9	0	4	63	80
	Narayanganj	000	9	1	00	03	xx	01	0	121	76	0	0	9	0	1	65	84
	Dacca (Tejgaon)	000	9	1	00	00	97	01	1	119	72	0	0	9	0	1	60	81
	Faridpur	000	8	2	00	00	95	05	0	122	74	2	4	8	0	0	61	80
	Barisal	000	0	0	00	00	97	02	1	119	77	0	0	9	0	0	65	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	121	75	0	0	9	0	0	64	82
	Satkhira	000	3	4	00	00	98	02	0	131	71	2	0	8	6	4	65	83
	Jessore	000	0	0	00	00	97	00	0	121	80	0	0	9	0	0	61	83
	Sirajganj	000	0	0	00	00	xx	00	0	095	71	0	0	9	0	0	66	83
	Bogra	000	0	5	00	00	xx	03	2	120	74	3	5	6	0	1	63	80
	Dinajpur	000	6	0	00	00	xx	00	0	119	74	0	0	9	0	0	63	82
	Rangpur	000	0	1	00	00	96	01	0	xxx	73	1	0	5	1	0	63	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	34	03	96	01	0	157	69	3	1	8	0	0	55	74
	Sialkot	000	2	4	00	00	97	01	5	150	68	2	2	6	3	x	58	72
Rawalpindi	Jhelum	035	7	2	31	03	96	01	9	159	65	1	1	7	3	0	54	70
	Rawalpindi	000	0	0	27	02	99	00	0	170	61	0	0	9	0	0	53	67
	Khushab	000	0	0	09	02	99	00	0	162	67	0	0	9	0	0	51	72
Multan	Lyallpur	000	0	0	23	02	96	00	0	161	69	0	0	9	0	0	51	73
	Montgomery	000	0	0	31	02	96	09	0	155	72	0	0	9	0	0	52	74
	Multan	000	0	0	27	02	96	02	0	161	72	0	0	9	0	0	45	74
Bahawalpur	Leiah	000	0	0	36	06	98	00	0	xxx	72	0	0	9	0	0	54	72
	Khanpur	000	0	0	02	03	96	01	0	151	75	0	0	9	0	0	57	78
	Bahawalpur	000	0	0	00	00	97	00	0	158	73	0	0	9	0	0	57	76
	Fort Abbas	000	0	0	36	03	98	00	0	157	74	0	0	9	0	0	61	76
Peshawar	Chakdara	000	0	0	27	03	96	02	1	196	62	0	0	9	0	0	45	52
	Peshawar	000	0	1	18	02	97	02	0	176	64	1	1	6	0	0	45	70
	Haripur	000	4	3	05	02	97	02	1	153	57	3	5	6	0	0	47	67
	Campbellpur	000	0	0	05	05	98	00	0	195	62	0	0	9	0	0	51	64
D. I. Khan	Bannu	000	0	1	00	00	99	01	0	152	61	1	1	6	0	0	41	71
	D. I. Khan	000	6	0	00	00	98	00	0	166	67	0	0	9	0	0	53	72
Quetta	Sibi	000	0	0	13	02	99	00	0	162	78	6	0	9	0	0	40	80
Kalat	Nokkundi	000	0	0	18	02	99	00	0	221	56	0	0	9	0	0	31	60
	Turbat	000	0	0	05	04	98	00	0	xxx	xx	0	0	9	0	0	46	74
	Jiwani	000	0	0	05	10	96	06	0	158	74	0	0	9	0	0	74	84
	Pasni	000	0	0	13	03	98	00	0	149	77	0	0	9	0	0	63	78
	Ormara	000	0	0	18	03	98	00	0	140	79	0	0	9	0	0	48	81
	Las Bela	000	0	0	xx	xx	98	00	0	164	86	0	0	9	0	0	39	87
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	29	10	98	02	0	134	82	0	0	9	0	0	70	85
	Karachi (Air Port)	000	0	0	05	03	97	02	0	132	83	0	0	9	0	0	46	85
	Badin	000	0	0	00	00	97	00	9	133	81	0	0	9	0	0	55	86
	Nagarparkar	000	0	0	00	00	98	01	0	132	80	0	0	9	0	0	57	84
	Umerkot	000	0	0	34	07	98	00	0	138	84	0	0	9	0	0	53	86
	Hyderabad	000	0	0	36	05	97	02	9	145	77	0	0	9	0	0	58	80
Khairpur	Pad-i-dan	000	0	0	31	07	97	02	0	161	73	0	0	9	0	0	51	78
	Nawabshah	000	0	0	36	10	97	02	0	157	77	0	0	9	0	0	52	79
	Sukkur	000	0	0	31	05	96	00	0	150	75	0	0	9	0	0	41	77
	Kashmore	000	0	0	xx	00	99	00	0	135	75	0	0	9	0	0	49	80
	Jacobabad	000	0	0	27	03	98	02	0	156	77	0	0	9	0	0	40	79
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	040	7	0	00	00	98	00	7	520	40	0	0	9	0	0	36	41
Peshawar	Drosh	000	8	3	00	00	97	01	9	525	49	3	2	7	0	0	31	60
	Cherat	000	0	0	36	09	98	00	0	627	49	0	0	9	0	0	29	57
	Kakul	015	2	3	31	03	99	02	6	523	50	3	3	7	0	0	42	56
	Landi Kotal	000	0	0	00	00	99	00	0	523	53	0	0	9	0	0	25	52
	Parachinar	000	0	0	13	02	99	00	0	524	52	0	0	9	0	0	31	56
D. I. Khan	Miranshah	000	0	0	46	02	99	03	0	503	60	0	0	9	0	0	29	66
	Wana	000	0	0	20	03	99	00	0	499	56	0	0	9	0	0	19	58
	Fort Sandeman	000	0	0	34	02	98	00	0	493	55	0	0	9	0	0	35	56
Quetta	Hindubagh	000	0	0	25	08	98	00	0	498	50	0	0	9	0	0	27	53
	Loralai	000	0	0	27	02	98	00	0	349	54	0	0	9	0	0	27	57
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	529	45	0	0	9	0	0	37	47
	Chaman	000	0	0	31	02	96	00	0	571	47	0	0	9	0	0	33	50
Kalat	Kalat	000	0	0	34	05	98	00	0	523	42	0	0	9	0	0	24	49
	Nushki	000	0	0	31	05	98	02	0	595	53	0	0	9	0	0	32	53
	Dalbandin	000	0	0	07	07	98	02	0	548	53	0	0	9	0	0	29	54
	Panjgur	000	0	0	36	05	98	00	0	530	54	0	0	9	0	0	19	54
Afghanistan	Kabul	008	0	0	27	03	99	00	0	580	42	0	0	9	0	0	34	46
	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 Tx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	7	3	36	02	97	02	6	137	77	2	0	6	4	9	68	69	+ 2	+ 9	0	− 3.5	141.1	140
	Chittagong	000	0	6	02	05	96	03	1	144	74	4	5	6	2	0	67	65	+ 2	+ 6	0	− 2.3	142.0	108
	Maijdee Court	000	9	6	00	00	97	03	0	148	73	6	0	9	3	0	63	61	+ 1	+ 1	0	− 1.7	144.7	115
	Comilla	000	0	0	00	00	97	00	0	140	73	0	0	9	0	0	65	69	+ 2	+ 3	0	− 1.4	107.7	94
	Brahmanbaria	000	0	2	05	02	97	03	0	154	73	0	0	9	0	4	67	61	−	−	0	− 1.1	85.2	76
	Sylhet	000	0	2	09	05	97	02	0	142	71	1	0	9	7	1	50	61	−		0	−	193.9	−
	Srimangal	000	3	2	00	00	96	01	4	144	69	0	0	9	0	1	62	51	0	+ 1	0	− 1.5	109.4	98
Dacca	Mymensingh	000	0	3	00	00	97	01	1	154	69	0	0	9	0	9	66	61	+ 1	+ 4	0	− 0.9	113.3	91
	Narayanganj	000	9	1	00	00	95	31	0	154	77	1	0	9	3	0	63	63	+ 4	+ 4	0	− 1.0	103.9	74
	Dacca (Tejgaon)	000	0	2	00	00	97	01	0	143	71	0	0	9	0	1	64	57	−	−	0	−	103.6	−
	Faridpur	...		...	...			...					...		...	...	..		+ 2	−				71
	Barisal	000	0	0	00	00	97	00	0	145	70	0	0	9	0	0	65	64	+ 1	+ 7	0	− 1.7	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	151	75	0	0	9	0	0	64	62	+ 2	+ 6	0	− 1.2	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	150	73	0	0	9	0	0	61	60	+ 1	+ 6	0	− 1.8	81.1	65
	Jessore	000	0	2	34	02	97	01	2	148	67	0	0	9	0	1	64	58	−	−	0	− 1.0	105.8	65
	Sirajganj	000	0	6	00	00	97	02	4	133	72	4	0	9	5	1	66	61	+ 4	+ 5	0	− 0.7	107.7	64
	Bogra	000	0	6	36	02	96	02	1	152	68	5	0	9	5	9	63	60	+ 1	+ 5	0	− 0.8	104.4	69
	Dinajpur	000	0	6	00	00	96	02	1	151	64	0	0	9	0	6	61	59	+ 3	+ 6	0	− 0.4	66.9	72
	Rangpur	000	0	7	05	02	93	44	4	xxx	64	6	5	6	2	0	62	58	+ 1	− 5	0	− 0.4	92.4	84
Kashmir	Jammu																							−
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	190	55	0	0	9	0	0	49	51	− 3	+ 10	1.1	+ 1.0	27.1	19
	Sialkot	000	0	0	00	00	98	02	0	124	54	0	0	9	0	0	52	49	− 1	+ 6	3.1	+ 2.9	61.8	32
Rawalpindi	Jhelum	035	0	0	31	07	99	02	0	194	54	0	0	9	0	0	45	52	−	−	5.0	−	55.2	−
	Rawalpindi	000	0	0	00	00	99	00	0	221	46	0	0	9	0	0	24	43	− 4	+ 5	3.2	+ 3.2	55.9	36
	Khushab	000	0	0	09	03	99	00	0	199	50	0	0	9	0	0	41	46	− 4	+ 3	1.1	+ 1.0	23.5	15
Multan	Lyallpur	000	0	0	31	02	95	00	0	205	48	0	0	9	0	0	45	46	0	+ 4	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	13	03	96	00	0	193	52	0	0	9	0	0	48	52	− 3	+ 7	0.1	0	8.6	10
	Multan	000	0	0	36	02	96	02	0	113	53	0	0	9	0	c	42	49	− 2	+ 5	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	36	02	96	05	0	208	52	0	0	9	0	0	50	49	−	−	2.5	−	7.0	8
	Khanpur	000	0	0	02	02	96	02	0	210	54	0	0	9	0	0	47	50	− 1	+ 5	0	− 0.1	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	209	59	0	0	9	0	0	49	49	− 1	+ 4	0.1	+ 0.1	6.6	6
	Fort Abbas	..	..	..	...	−	−	−	−		−	−	−	−	−	−	−	−	−					4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	228	49	0	0	9	0	0	37	41	−	−	5.6	−	32.1	−
	Peshawar	000	0	0	00	00	98	02	0	227	47	0	0	9	0	0	33	42	0	0	5.0	+ 4.6	28.5	14
	Haripur	000	3	3	23	02	99	02	0	190	51	0	0	9	0	0	42	44	−	−	4.5	−	35.7	−
	Campbellpur	000	0	0	00	00	98	00	c	251	47	0	0	9	0	0	40	42	−	−	4.4	−	40.4	−
D. I. Khan	Bannu	000	0	0	20	10	99	00	0	207	49	0	0	9	0	0	35	48	−	−	2.5	−	15.4	11
	D. I. Khan	000	0	0	31	02	98	00	0	208	55	0	0	9	0	0	51	46	− 3	+ 4	1.7	+ 1.5	16.6	10
Quetta	Sibi	000	0	0	36	02	99	00	0	218	55	0	0	9	0	c	42	52	−	−	4.1	−	9.3	5
Kalat	Nokkundi	000	0	0	31	02	98	00	0	266	41	0	0	9	0	0	28	34	−	−	0.7	−	1.8	2
	Turbat	000	0	0	09	02	98	00	0	191	57	0	0	9	0	0	40	xx	−	−	1.6	−	8.9	−
	Jiwani	000	0	0	36	03	97	02	0	190	49	0	0	9	0	0	25	48	−	−	1.1	−	7.7	4
	Pasni	000	0	0	31	03	98	00	0	184	60	0	0	9	0	0	41	57	− 2	+ 2	0.3	0	13.4	6
	Ormara	000	0	0	00	00	98	00	0	197	62	0	0	9	0	0	46	54	−	−	2.7	+ 2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	205	62	0	0	9	0	0	45	49	−	−	0.4	−	7.8	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	02	14	99	02	0	185	66	0	0	9	0	0	43	62	+ 4	+ 1	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	36	09	97	02	0	182	61	0	0	9	0	0	42	55	−	−	3.3	−	26.4	−
	Badin	000	0	0	23	02	96	00	0	178	60	0	0	9	0	0	54	61	+ 3	+ 8	0.3	+ 0.1	11.8	9
	Nagarparkar	000	0	0	00	00	98	00	0	168	67	0	0	9	0	0	57	61	−	−	0	−	30.5	−
	Umerkot	000	0	0	02	05	98	00	0	173	61	0	0	9	0	0	54	58	−	−	0.5	−	20.8	−
	Hyderabad	000	0	0	36	05	97	02	0	199	61	0	0	9	0	0	49	63	− 2	+ 6	0.5	+ 0.5	15.9	7
Khairpur	Pad-i-dan	000	0	0	31	03	97	02	0	211	53	0	0	9	0	0	46	49	−	−	0.3	−	7.9	−
	Nawabshah	000	0	0	31	03	96	02	0	215	54	0	0	9	0	0	46	xx	−	−	0.3	−	7.5	−
	Sukkur	000	0	0	11	03	96	00	0	207	57	0	0	9	0	0	46	56	−	−	0.8	−	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	207	62	0	0	9	0	0	53	56	−	−	1.3	−	3.4	−
	Jacobabad	000	0	0	27	02	97	02	0	213	57	0	0	9	0	0	42	53	+ 1	+ 6	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							−
Arabia	Muscat																							4
	Kuwait																							−
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							−
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							−
	Aliabad																							−
	Gilgit																							5
Rawalpindi	Murree	040	9	0	02	13	98	00	0	545	40	0	0	9	0	0	19	32	− 11	− 4	5.9	+ 5.0	84.4	59
Peshawar	Drosh	000	0	0	09	05	98	02	0	589	38	0	0	9	0	0	24	37	− 10	0	4.6	−	35.3	18
	Cherat	003	0	0	36	09	99	00	0	552	49	0	0	9	0	0	24	45	− 2	+ 2	6.0	+ 5.4	37.4	29
	Kakul	015	0	0	31	03	97	02	0	543	44	0	0	9	0	0	32	41	−	−	4.9	−	60.1	−
	Landi Kotal	000	0	0	23	02	99	00	0	552	47	0	0	9	0	0	16	39	−	−	3.9	−	32.8	−
	Parachinar	000	0	0	31	02	99	00	0	561	xx	0	0	9	0	0	22	30	−	− 3	6.0	−	34.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	510	50	0	0	9	0	0	31	42	−	−	1.1	+ 1.1	8.1	13
	Wana	000	0	0	18	02	99	00	0	522	32	0	0	9	0	0	29	30	−	−	1.2	−	15.3	
	Fort Sandeman	000	0	0	00	00	98	00	0	545	33	0	0	9	0	0	30	33	− 9	− 1	5.0	+ 4.8	21.0	11
Quetta	Hindubagh	000	0	0	25	03	98	00	0	541	29	0	0	9	0	0	16	28	−	−	4.7	−	17.7	−
	Loralai	000	0	0	27	02	98	00	0	321	32	0	0	9	0	0	22	30	−	−	3.6	−	16.2	−
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	5.9	+ 5.6	18.7	14
	Quetta	000	0	0	18	05	94	00	0	548	31	0	0	9	0	0	21	28	−	−	2.5	+ 2.0	11.7	8
	Chaman	000	0	0	00	00	96	00	0	560	33	0	0	9	0	0	30	31	− 11	− 6	1.5	+ 0.8	7.8	7
Kalat	Kalat	000	0	0	18	04	97	02	0	563	31	0	0	9	0	0	31	23	− 9	− 4	1.7	+ 1.3	13.6	9
	Nushki	000	0	0	09	05	98	02	0	591	40	0	0	9	0	0	27	35	−	−	0.7	−	3.7	−
	Dalbandin	000	0	0	05	02	97	02	0	523	32	0	0	9	0	0	26	30	− 15	− 4	0.6	+ 0.5	2.8	5
	Panjgur	000	0	0	05	03	98	00	0	532	33	0	0	9	0	0	21	32	+ 5	− 7	0.1	+ 0.5	4.2	4
Afghanistan	Kabul	000	0	0	18	02	99	00	0	620	39	0	0	9	0	0	34	25	−	−	−	−	−	13
	Kandahar																							−

Climate Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 6th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	$I_wd_wd_w$ P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	73 221	689 00	8 34 09	98 02 8	125 78	xx xx x	75 40 0	—	0 62 49	1 34 22
Berenice	73 248	579 06	0 09 05	99 02 0	225 72	06 9 00	36 20 5	—	0 56 45	1 08 21
Kadar Baksh	73 164	717 06	5 08 05	98 02 2	131 82	00 9 05	33 10 1	—	0 01 73	1 08 22
Isidora	73 227	597 06	1 35 18	98 02 0	194 73	12 1 00	76 21 4	—	0 55 52	1 35 32
Berenice	73 242	587 09	0 10 05	99 02 0	210 73	00 9 08	35 61 5	—	0 56 46	1 10 20
Jlagunaru	73 206	636 12	1 34 14	98 01 0	146 75	10 9 10	76 72 0	—	0 00 66	—
Berenice	73 235	590 12	0 10 04	99 02 0	190 75	00 9 00	35 72 0	—	0 54 50	1 08 21
Iphigenia	73 161	536 15	0 04 12	98 01 0	17. 77	00 9 00	35 20 6	—	0 56 60	1 04 22
Berenice	73 229	595 15	0 10 05	99 02 0	195 70	00 9 0.	35 20 5	—	0 60 54	1 08 x1
Isanda	73 253	575 18	0 00 00	99 02 0	198 70	00 9 00	35 11 1	..	0 62 41	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTT T$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	012 192 128	108 202 128	..	146 162 999	..	313 105 999	440 020 999	585 560 999	756 678 999	965 820	239 035	..	..
Jiwani														
Karachi	00 00	014 152 058	141 178 112	..	152 125 999	..	315 068 999	440 505 999	533 620 999	715 685 999	959 825	235 010	416 148	—
Lahore														
Multan														
Peshawar	00 00	978 085 062	—	..	148 015 999	..	304 562 999	423 645 999	559 725 999	720 812 999	...	—	...	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 048 018	...	..	..	..	..	..	...	..	900 048 018	—	...
Jiwani													
Karachi	00 00	..	...	..	—	...	—	—	...	—	150 148 999	—	—
Lahore													
Multan													
Peshawar	00 00	900 042 999	800 512 999	350 870 999	...	..	—	—	...	—	350 870 999	...	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	34 04	34 07	33 05	31 07	..	..	—	—	—
Chaklala	..	31 03	01 03	03 08	01 07	32 03	27 10	26 16	27 23
Chhor	36 07	01 07	01 05	25 13	26 07	29 12	26 17	27 22	27 33
Chittagong	26 04	15 07	20 09	23 20	—		—	—	..
Cox's Bazar	06 07	15 08	22 08	22 13	23 13	24 15	—	—	...
Dacca	33 04	35 04	35 04	26 07	22 15	14 17	—	—	...
Dalbandin	—	—	07 11	03 12	03 18	34 09	32 12	30 20	31 28
D. I. Khan	..	—	—				..	..	—
Drosh	—	—	—	—	23 08	20 01	36 02	27 05	28 09
Fort Sandeman	—	—	—	31 07	29 07	30 16	30 21	33 33	33 44
Jacobabad	31 05	32 07	33 07	34 07	33 06	30 15	28 19	29 31	28 35
Jessore	35 04	35 04	34 04	08 02	23 14	26 11	24 14	—	—
Jhelum	32 06	34 07	36 04	26 05	21 09	20 14	05 11	26 20	26 23
Jiwani	04 11	06 11	07 13	07 16	05 13	06 15	—		—
Karachi	05 33	05 04	01 02	25 05	30 04	30 10	28 19	27 20	27 24
Khanpur	02 06	01 06	34 08	24 12	24 17	28 13	28 21	27 35	26 41
Lahore	35 07	35 08	36 11	26 04	21 10	22 17	25 24	26 27	26 31
Multan	01 10	01 10	10 09	36 15	30 13	28 14	28 21	27 32	28 34
Muscat	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	—	..	..
Peshawar	...	—	—	—	—		—	—	—
Quetta	...	...	—	—	31 02	34 17	31 24	30 25	31 31
Sharjah	...	—	—	—			—	..	...
Sylhet	28 02	30 04	35 03	10 05	22 06	25 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	02 06	02 07	03 07	05 05	31 07	29 22
Chaklala		36 04	02 05	04 09	10 09	06 09
Chhor	05 23	04 17	05 12	08 03	33 03	29 08
Chittagong	11 04	18 08	29 07	24 14		
Cox's Bazar	xx xx	xx xx	xx xx	xx xx	24 12	27 16
Dacca	01 05	01 05	18 01	24 08	28 14	28 16
Dalbandin	—	—	07 07	07 12	05 11	03 03
D. I. Khan	—	..	—			
Drosh	—	—	—	13 01	11 01	11 03
Fort Sandeman	—	—	..	29 01	04 07	01 13
Jacobabad	09 13	10 08	07 04	36 05	36 09	32 05
Jessore	34 02	01 04	02 05	25 05	26 12	29 04
Jhelum	31 13	35 11	35 09	06 04	10 10	19 05
Jiwani	06 07	08 06	10 07	13 12	13 07	14 05
Karachi	05 23	05 15	06 03	16 07	21 06	35 01
Khanpur	04 20	03 21	02 18	01 10	35 10	31 08
Lahore	34 10	34 15	33 13	34 03	04 03	04 04
Multan	36 03	36 05	34 03	33 05	31 09	28 13
Muscat	—	—	—	—	—	
Panjgur	—				—	
Peshawar	..	32 03	30 05	33 14	02 12	03 19
Quetta	—		—	—	31 07	..
Sharjah		—	..			
Sylhet	09 07	09 07	10 04	19 08	24 12	28 27
Veraval	—	—	—		—	—

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	35 10	35 10	36 10	34 03	27 09	25 20					
Chaklala	—	33 03	02 08	04 09	04 08	06 10	36 15	01 23	01 24	33 35	—
Chhor					—	—	—	—	..	—	—
Chittagong	34 02	21 09	20 13	22 18			—	..	—	—	..
Cox's Bazar	06 03	16 04	20 11	20 17	22 13	24 17					—
Dacca	34 06	36 06	34 06	23 10	34 18	22 17	26 23	25 42	24 47	25 40	26 58
Dalbandin	.	—	07 09	11 07	19 04	19 11	28 10	27 16	25 22	25 29	24 41
D. I. Khan	—	..	—	—				—	..	..	..
Drosh	—	.	—	..	04 42	03 23	02 30		..		—
Fort Sandeman	...			26 01	01 03	32 04	29 11	27 27	27 28	26 29	—
Jacobabad	06 10	05 03	01 03	05 05	23 06	23 01	27 18	27 18	27 25	—	..
Jessore	34 05	35 03	35 07	21 06	23 45	18 07				..	—
Jhelum	31 07	35 11	36 06	10 04	07 06	02 04	36 19	34 34	34 42		—
Jiwani	38 03	14 09	14 12	14 10	16 11	14 02	23 10	26 16	27 20	25 40	—
Karachi	05 19	05 17	09 13	20 04	25 09	17 05	14 06	24 15	25 11	—	—
Khanpur	04 12	03 14	04 15	03 13	36 07	31 08	33 14	31 13	31 23		..
Lahore	35 07	33 11	34 11	10 05	08 08	34 06	32 18	33 26	33 33	33 58	—
Multan	34 10	34 13	34 15	35 17	26 17	32 09	23 17	31 17	31 27	..	..
Muscat	—	—	...		.	—	—	—	..	..	—
Panjgur	—	—		—							—
Peshawar	—	14 05	02 07	31 17	01 13	06 17	01 13	33 15	30 12	31 26	..
Quetta	—	—	...		22 02	17 09	26 14	26 19	26 25	26 27	26 32
Sharjah	...								—	..	—
Sylhet	20 04	23 03	23 03	20 05	25 15	26 26	27 33	27 39	—	..	..
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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.8	21.8	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	01 05	01 12	01 11	33 04	30 12	30 12	27 28	27 24	26 43	24 44	23 41	23 88	25 55					..
Karachi	05 12	03 12	09 08	09 06	17 06	27 06	27 06	27 03	31 08	28 14	26 19	26 37	27 47	27 73	27 73	27 83	26 88	...
Peshawar	Misda	..	—	—	—	..	..	—	—	—	—	—	—	..	—	..		...
Quetta																		

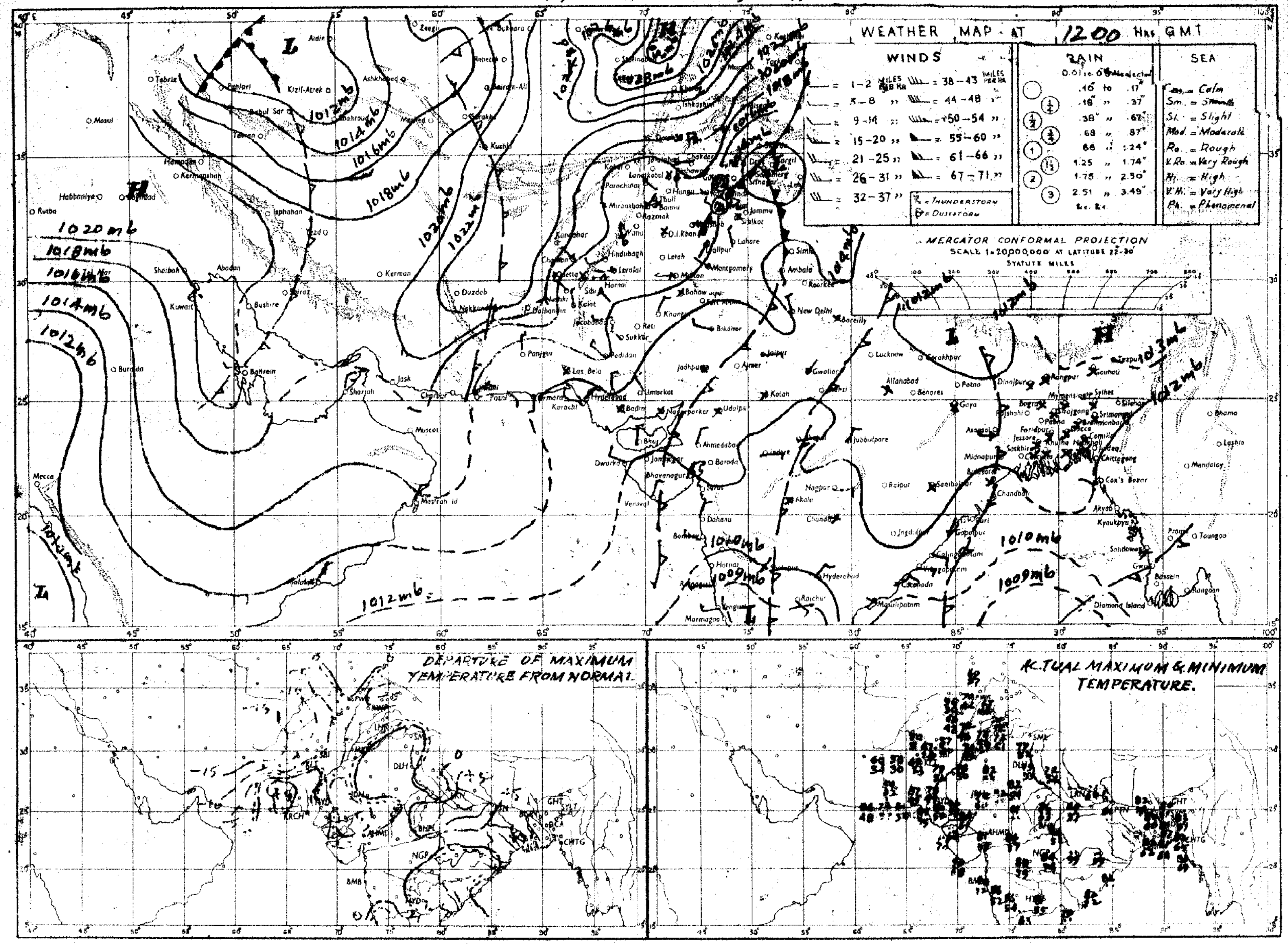
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

The correctness 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

SATURDAY, 5th DECEMBER, 1959.



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

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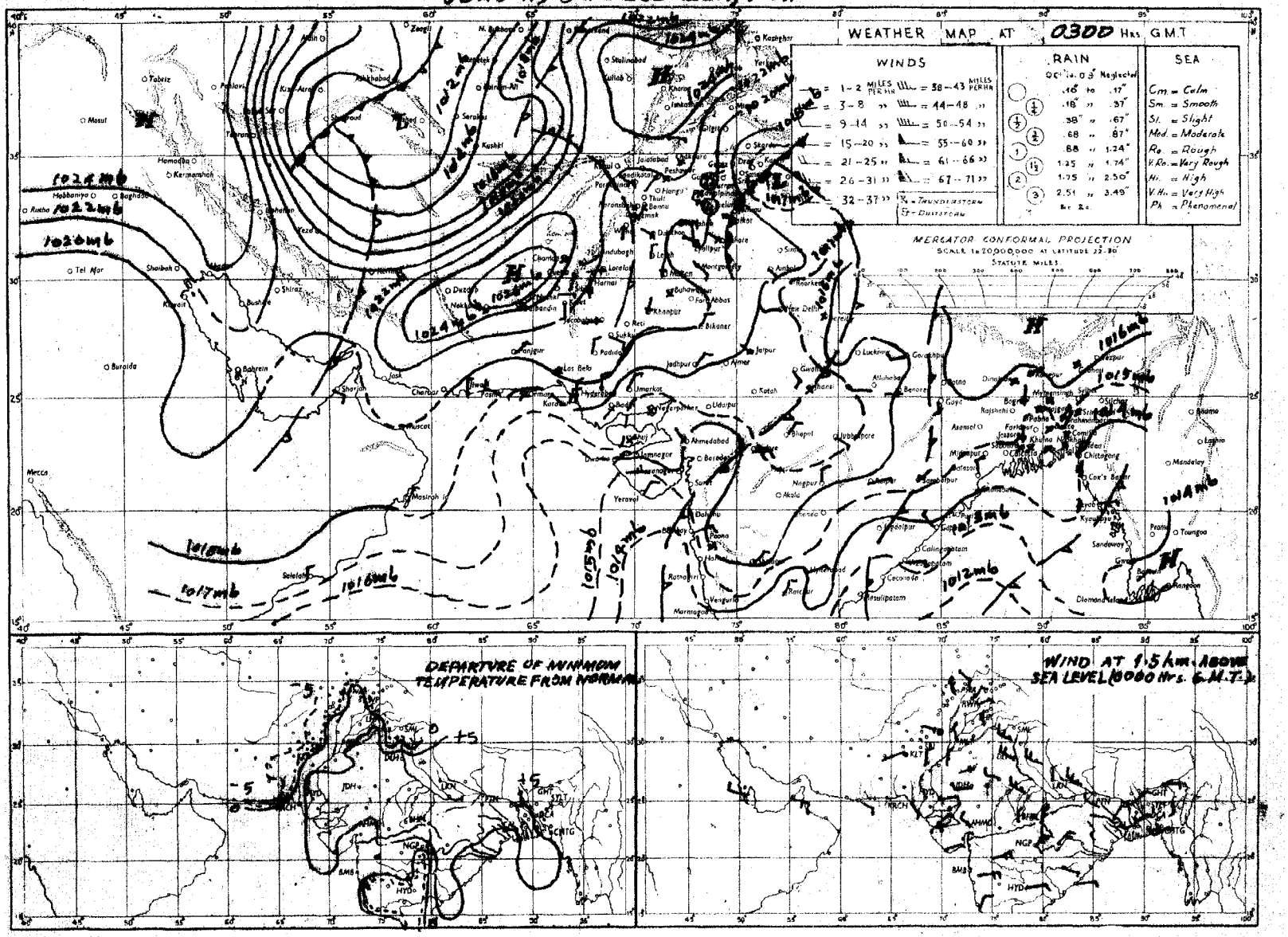
PAKISTAN DAILY WEATHER MAP

SUNDAY, 6th DECEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 7th DECEMBER, 1959.

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

Yesterday's western disturbance over northeast Iran and neighbourhood is now moving across Russian Turkistan north of Afghanistan.

Ship observations are lacking but believe depression in southeast Bay of Bengal moved initially northwestwards, recurved to northeast weakened and now lies as a well marked low in central and adjoining north Bay of Bengal. It is likely to move northeastwards and weaken.

Scattered rain has fallen in Chittagong division. Cox's Bazar reported 1½" (till 0000Z) and Chittagong ½" rain.

Weather remained dry in West Pakistan.

Night temperatures were:- nearly normal over West Pakistan and were 5—10F° above normal in East Pakistan.

Forecast valid until the evening of 8th December, 1959. Rain/Thundershowers will be local in Chittagong division and scattered in Dacca and Rajshahi divisions. Weather will be dry in West Pakistan.

Karachi-11
The 7th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	003	2	7	34	03	93	61	6	119	73	6	4	6	2	1	68	65
	Chittagong	000	0	8	36	13	xx	53	2	126	71	8	7	5	1	1	66	79
	Maijdee Court	000	9	9	00	00	xx	03	2	118	75	9	x	0	x	x	66	79
	Comilla	000	0	8	00	00	93	03	0	119	71	8	4	5	1	1	63	81
	Brahmanbaria	000	0	6	00	00	xx	03	1	086	73	4	0	9	2	4	69	82
	Sylhet	000	0	7	00	03	xx	02	2	119	70	4	5	5	3	0	61	80
	Srimangal	000	0	7	00	00	xx	03	1	119	70	7	4	6	1	1	66	81
Dacca	Mymensingh	000	0	6	31	02	97	02	1	120	72	6	4	5	0	0	66	76
	Narayanganj	000	9	8	00	00	xx	02	2	116	75	6	5	6	3	x	65	82
	Dacca (Tezgaon)	000	9	8	31	03	97	02	1	108	72	6	5	5	7	x	64	80
	Faridpur	000	6	8	05	02	95	02	2	119	74	8	2	7	x	x	63	78
	Barisal	000	9	8	00	00	97	02	2	127	75	4	0	9	8	9	64	80
Rajshahi	Khulna	000	0	7	00	00	xx	02	2	119	75	7	5	6	0	0	69	80
	Satkhira	000	5	7	00	00	96	02	2	118	74	7	5	7	0	0	65	83
	Jessore	000	0	8	36	02	96	03	2	116	73	6	4	6	6	x	63	80
	Sirajganj	000	0	7	00	00	90	02	2	103	70	7	0	9	5	0	70	77
	Bogra	000	0	4	00	00	xx	01	2	121	68	4	0	9	5	0	65	75
	Dinajpur	000	0	0	00	00	xx	00	1	115	74	0	0	9	0	0	63	80
	Rangpur	000	0	4	00	00	96	01	4	xxx	72	1	5	6	2	0	64	76
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	27	03	96	02	0	158	67	0	0	9	0	0	50	73
	Sialkot	000	0	0	00	00	98	00	0	134	69	0	0	9	0	0	53	74
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	149	66	0	0	9	0	0	50	72
	Rawalpindi	000	0	0	23	02	99	00	0	158	60	0	0	9	0	0	45	70
	Khushab	000	0	0	09	02	99	00	0	151	66	0	0	9	0	0	47	75
Multan	Lyallpur	000	0	0	31	02	96	00	0	159	69	0	0	9	0	0	61	74
	Montgomery	000	0	0	27	02	96	00	0	158	70	0	0	9	0	0	50	74
	Multan	000	0	0	36	03	97	02	0	164	73	0	0	9	0	0	30	75
Bahawalpur	Leiah	000	0	0	36	07	98	05	6	155	74	0	0	9	0	0	38	74
	Khanpur	000	0	0	02	02	96	02	0	165	72	0	0	9	0	0	48	76
	Bahawalpur	000	0	0	00	00	97	00	0	168	71	0	0	9	0	0	46	74
	Fort Abbas	000	0	0	36	03	98	00	0	162	70	0	0	9	0	0	42	75
Peshawar	Chakdara	000	0	0	00	00	96	00	0	170	63	0	0	9	0	0	41	66
	Peshawar	000	0	0	00	00	98	02	0	174	64	0	0	9	0	0	46	72
	Haripur	000	5	4	13	04	97	03	2	163	56	4	6	6	0	0	47	67
	Campbellpur	000	0	0	36	00	98	00	0	172	67	0	0	9	0	0	43	69
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	150	69	0	0	9	0	0	48	72
	D. I. Khan	000	6	0	00	00	98	00	0	158	73	0	0	9	0	0	45	75
Quetta	Sibi	000	0	0	23	02	99	00	0	169	76	0	0	9	0	0	43	78
Kalat	Nokkundi	000	0	0	11	02	99	00	0	179	61	0	0	9	0	0	29	62
	Turbat	000	0	0	23	02	98	00	0	162	80	0	0	9	0	0	57	82
	Jiwani	000	0	0	31	05	97	02	0	162	75	0	0	9	0	0	51	78
	Pasni	000	0	0	09	03	98	00	0	156	78	0	0	9	0	0	64	79
	Ormara	000	0	0	09	05	98	00	0	152	78	0	0	9	0	0	69	80
	Las Bela	000	0	0	00	xx	98	00	0	149	84	0	0	9	0	0	42	86
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	14	98	02	0	148	78	0	0	9	0	0	56	81
	Karachi (Air Port)	000	0	0	05	03	97	02	0	149	79	0	0	9	0	0	38	82
	Badin	000	0	0	36	02	97	00	0	148	79	0	0	9	0	0	45	82
	Nagarparkar	000	0	0	00	00	98	00	0	130	82	0	0	9	0	0	58	88
	Umarkot	000	0	0	36	07	98	00	0	127	81	0	0	9	0	0	43	83
	Hyderabad	000	0	0	36	05	97	02	0	156	77	0	0	9	0	0	51	80
Khairpur	Pad-i-dan	000	0	0	31	05	97	02	0	164	73	0	0	9	0	0	44	77
	Nawabshah	000	0	0	36	02	97	02	0	169	76	0	0	9	0	0	43	78
	Sukkur	000	0	0	07	03	96	00	0	160	73	0	0	9	0	0	41	76
	Kashmore	000	0	0	xx	00	99	00	0	136	67	0	0	9	0	0	55	77
	Jacobabad	000	0	0	36	02	98	02	0	169	75	0	0	9	0	0	41	77
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	31	05	98	00	0	516	45	0	0	9	0	0	26	49
Peshawar	Drosh	000	0	0	[illegible]	17	97	02	0	547	49	0	0	9	0	0	24	53
	Cherat	000	0	0	36	05	98	00	0	528	53	0	0	9	0	0	19	56
	Kakul	000	0	1	31	03	99	00	0	522	55	0	0	9	0	0	35	62
	Landi Kotal	000	0	0	23	02	99	00	0	523	54	0	0	9	0	0	16	58
	Parachinar	000	0	0	00	00	99	00	0	515	57	0	0	9	0	0	43	60
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	524	63	0	0	9	0	0	25	69
	Wana	000	0	0	20	03	99	00	0	519	58	0	0	9	0	0	15	60
	Fort Sandeman	000	0	0	27	00	98	00	0	552	58	0	0	9	0	0	32	60
Quetta	Hindubagh	000	0	0	00	00	98	00	0	505	51	0	0	9	0	0	23	53
	Loralai	000	0	0	00	00	98	00	0	351	55	0	0	9	0	0	25	58
	Harnai	000	0	0	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	97	00	0	539	54	0	0	9	0	0	43	57
	Chaman	000	0	0	23	02	96	00	0	527	54	0	0	9	0	0	27	57
Kalat	Kalat	000	0	0	34	05	98	00	0	529	50	0	0	9	0	0	30	59
	Nushki	000	0	0	31	05	98	02	0	580	55	0	9	9	0	0	35	57
	Dalbandin	000	0	0	05	05	98	02	0	525	57	0	0	9	0	0	30	59
	Panjgur	000	0	0	23	03	98	00	0	526	65	0	0	9	0	0	29	65
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 November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar																		+ 4					140
	Chittagong	054	9	8	02	02	96	03	6	156	73	8	6	5	1	1	68	63	0	+ 11	0.5	— 1.8	147.5	108
	Maijdee Court	090	9	7	00	00	97	03	2	157	72	0	0	9	3	0	67	67	0	+ 7	0	— 1.7	144.7	115
	Comilla	000	0	2	00	0	97	00	0	159	74	0	0	9	0	0	66	60	+ 1	+ 4	0	— 1.4	107.7	94
	Brahmanbaria	000	0	2	00	00	97	01	0	170	75	2	0	9	2	0	70	61	—	—	0	— 1.2	85.2	76
	Sylhet	0"0	0	1	09	05	97	02	0	159	70	1	0	9	8	0	63	60	—	—	0	—	193.9	—
	Srimangal	000	0	1	00	00	96	01	1	161	73	1	1	7	0	0	67	59	+ 1	+ 9	0	— 1.5	109.4	98
Dacca	Mymensingh	000	3	0	27	02	97	00	4	167	68	0	0	9	0	0	63	60	+ 2	+ 3	0	— 0.9	113.3	91
	Narayanganj	000	9	1	00	00	96	03	0	157	71	1	0	9	3	0	65	65	+ 3	+ 6	0	— 1.0	103.9	74
	Dacca (Tezgaon)	000	9	2	31	02	97	03	2	154	69	2	0	[illegible]	3	9	65	61	—	—	0	—	103.6	—
	Faridpur	000	9	0	36	02	94	10	0	147	72	0	0	9	0	0	64	68	+ 1	+ 11	0	— 1.2	116.6	71
	Barisal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 1					81
Rajshahi	Khulna	000	0	0	C0	00	96	03	2	162	71	7	5	6	0	0	65	66	+ 1	+ 10	0	— 1.2	102.8	68
	Satkhira	000	0	6	00	00	97	02	2	161	71	6	7	7	0	0	63	64	+ 2	+ 10	0	— 1.8	82.1	65
	Jessore	000	0	3	05	03	97	01	1	160	66	3	0	9	6	0	65	61	— 4	xx	0	— 1.0	105.8	65
	Sirajganj	000	0	0	00	00	98	00	0	144	72	0	0	9	0	0	67	61	0	+ 5	0	— 0.7	107.7	64
	Bogra	000	0	0	36	02	96	02	0	162	68	0	0	9	0	0	63	66	— 2	+ 5	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	150	67	0	0	9	0	0	59	57	+ 2	+ 4	0	— 0.4	66.9	72
	Rangpur	000	0	0	05	02	94	28	4	xxx	68	0	0	9	0	0	65	57	— 1	+ 4	0	— 0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	176	49	0	0	9	0	0	45	44	— 2	+ 3	3.1	+ 1.0	27.2	19
	Sialkot	000	0	0	00	00	98	00	0	169	54	0	0	9	0	0	52	46	+ 2	+ 3	3.1	+ 2.9	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	97	00	0	176	48	0	0	9	0	0	45	45	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	0	13	02	99	00	0	185	41	0	0	9	0	0	38	39	+ 1	+ 1	3.6	+ 3.2	55.9	36
	Khushab	000	0	0	07	03	99	00	0	168	47	0	0	9	0	0	40	43	+ 1	0	1.1	+ 1.0	23.5	15
Multan	Lyallpur	000	0	0	00	00	95	00	0	169	46	0	0	9	0	0	41	44	+ 2	+ 2	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	175	49	0	0	9	0	0	40	45	— 1	0	0.1	0	8.5	10
	Multan	000	0	0	00	00	96	05	0	172	50	0	0	9	0	0	41	46	+ 1	+ 2	0.2	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	36	03	99	05	0	166	50	0	0	9	0	0	49	47	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	23	03	96	02	0	174	51	0	0	9	0	0	40	47	0	+ 2	0.0	— 0.1	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	180	53	0	0	9	0	0	45	44	— 1	— 1	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	20	02	98	00	0	173	55	0	0	9	0	0	37	47	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	191	40	0	0	9	0	0	33	37	—	—	5.6	—	31.1	—
	Peshawar	000	0	0	12	03	97	02	0	184	44	0	0	9	0	0	29	40	+ 3	— 2	5.0	+ 4.6	28.5	14
	Haripur	000	0	0	05	06	97	00	0	180	44	0	0	9	0	0	35	43	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	05	00	98	00	0	213	43	0	0	9	0	0	38	39	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	177	44	0	0	9	0	0	35	44	—	—	2.5	—	15.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	165	44	0	0	9	0	0	40	41	+ 1	— 1	1.7	+ 1.6	16.4	10
Quetta	Sibi	000	0	0	00	00	99	00	0	190	50	0	0	9	0	0	40	48	—	—	4.1	—	9.4	5
Kalat	Nokkundi	000	0	0	36	02	98	00	0	256	37	0	0	9	0	0	29	35	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	02	98	00	0	021	52	0	0	9	0	0	42	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	0	36	03	97	02	0	195	61	0	0	9	0	0	42	49	—	—	1.1	—	7.8	4
	Pasni	000	0	0	31	03	98	00	0	189	63	0	0	9	0	0	55	60	0	+ 5	0.3	0	13.4	6
	Ormara	000	0	0	27	02	98	00	0	182	67	0	0	9	0	0	60	58	—	—	2.8	+ 2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	203	64	0	0	9	0	0	35	46	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	02	09	95	05	0	184	61	0	0	9	0	0	37	58	+ 1	+ 3	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	36	02	96	02	0	182	54	0	0	9	0	0	43	50	—	—	3.4	—	26.1	—
	Badin	000	0	0	23	00	97	00	0	175	53	0	0	9	0	0	42	53	0	0	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	156	68	0	0	9	0	0	56	62	—	—	0	—	30.5	—
	Umarkot	000	0	0	00	00	98	00	0	170	50	0	0	9	0	0	36	46	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	00	00	95	00	0	162	56	0	0	9	0	0	47	52	0	— 1	0.5	+ 1.0	19.6	7
Khairpur	Pad-i-dan	000	0	0	00	00	96	02	0	182	48	0	0	9	0	0	44	44	—	—	0.4	—	7.9	—
	Nawabshah	000	0	0	00	00	96	02	0	183	46	0	0	9	0	0	41	45	—	—	0.4	—	7.5	—
	Sukkur	000	2	0	00	00	93	05	4	182	52	0	0	9	0	0	50	50	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	xx	00	99	00	0	179	60	0	0	9	0	0	46	43	—	—	1.4	—	3.4	—
	Jacobabad	000	0	0	00	00	98	02	0	182	53	0	0	9	0	0	44	51	0	+ 4	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	0	0	13	02	99	00	0	526	37	0	0	9	0	0	15	35	— 8	— 1	5.9	+ 5.1	84.4	59
Peshawar	Drosh	000	0	0	00	00	97	02	0	548	37	0	0	9	0	0	21	37	— 1	0	4.6	—	35.3	18
	Cherat	000	0	0	36	09	98	00	0	523	50	0	0	9	0	0	09	48	— 1	+ 3	6.0	+ 5.0	37.4	29
	Kakul	000	0	0	31	03	97	02	0	512	45	0	0	9	0	0	23	42	—	—	4.9	—	60.1	—
	Landi Kotal	000	0	0	00	00	99	00	0	504	43	0	0	9	0	0	16	36	—	—	4.0	—	32.8	—
	Parachinar	000	0	0	36	03	98	00	0	519	36	0	0	9	0	0	18	38	—	—	6.0	—	34.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	485	44	0	0	9	0	0	35	41	—	—	1.1	+ 1.1	8.2	13
	Wana	000	0	0	00	00	99	00	0	502	33	0	0	9	0	0	25	29	—	—	—	—	—	—
	Fort Sandeman	000	0	0	18	01	98	00	0	536	34	0	0	9	0	0	14	34	0	0	5.0	+ 4.8	21.0	11
Quetta	Hindubagh	000	0	0	25	08	98	00	0	526	30	0	0	9	0	0	14	30	—	—	4.7	—	17.7	—
	Loralai	000	0	0	31	03	98	00	0	350	33	0	0	9	0	0	21	31	—	—	3.6		16.2	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 4.5	18.8	14
	Quetta	000	0	0	00	00	96	00	0	550	34	0	0	9	0	0	24	28	—	—	2.5	+ 2.0	11.9	8
	Chaman	000	0	0	00	00	96	00	0	544	38	0	0	9	0	0	24	33	— 2	— 4	1.5	+ 0.8	7.8	7
Kalat	Kalat	000	0	0	18	09	98	00	0	564	28	0	0	9	0	0	26	24	+ 2	— 3	1.7	+ 1.3	13.6	9
	Nushki	000	0	0	00	00	98	02	0	585	43	0	0	9	0	0	29	36	—	—	0.7	—	3.7	—
	Dalbandin	000	0	0	00	00	97	02	0	518	32	0	0	9	0	0	28	31	— 4	— 3	0.6	+ 0.5	2.8	5
	Panjgur	000	0	0	00	00	98	00	0	521	41	0	0	9	0	0	31	34	— 1	— 5	0.1	—	4.2	4
Afghanistan	Kabul																							12
	Kandahar																							—

Given in Code.

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

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

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T (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 7th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	N.C.hC.C.	D.V. a PP	8 N. Ch. h.	O T. T. T. T.	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Berenice	13 194	592 06	2 05 12	99 02 0	195 77	22 5 00	56 20 5	—	0 32 59	1 04 21
Jalanda	13 227	597 06	1 32 12	99 02 0	204 72	11 6 00	36 21 2	—	0 62 59	1 32 21
Kadir baksh	13 142	731 06	4 05 05	97 01 0	114 84	00 0 00	33 10 1	—	0 03 65	1 06 22
Jalanda	13 213	595 12	0 32 15	99 02 0	160 84	00 9 00	55 64 0	—	0 04 63	1 32 21
Elysia	13 230	681 12	2 01 18	98 02 0	140 76	00 9 40	75 30 2	—	0 01 61	1 01 34
Berenice	13 183	570 12	1 05 13	99 02 0	165 79	12 5 01	56 71 5	—	0 00 57	1 05 21
Berenice	13 172	558 18	2 34 15	99 02 0	185 77	20 6 50	56 48 3	—	0 32 52	1 36 21
Jalanda	13 198	586 18	0 05 15	99 02 0	186 75	00 9 03	56 20 7	—	0 52 59	1 05 21
Jangamary	13 217	623 18	1 03 11	98 02 0	180 73	11 3 00	76 21 8	—	0 00 64	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT.T.T.	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 185 165	000 238 105	..	148 145 082	..	311 075 118	436 008 992	580 568 992	—	—	—	..	..
Jiwani ...														
Karachi ...	00 00	014 118 055	136 162 102	..	149 925 588	..	312 068 995	437 505 995	580 582 992	750 690 990	959 838	..	—	—
Lahore ...														
Multan ...														
Peshawar ...	00 00	973 072 012	—	..	149 090 990	..	321 518 998	429 565 995	579 665 995	733 780 990	935 892	205 912	389 878	642 132
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 152 092	..	..	..	..	..	..	—	..	900 152 092	—	—
Jiwani ...													
Karachi ...	00 00	900 152 015	800 122 638	..	—	—	—	—	—	—	800 122 638	—	—
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 105 995	800 060 900	350 780 990	250 940 990	..	—	—	—	—	250 940 990	—	—
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.8	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	35 08	34 11	35 11	32 07	27 15	—	—	—	—
Chilas ...	..	31 12	33 09	36 04	05 04	08 08	—	—	..
Chiber ...	01 11	02 11	02 08	32 04	24 07	30 06	..	—	—
Chittagong ...	32 06	33 09	—	—	—	.	—	—	..
Cox's Bazar ...	—	..	—	—	—	..	—	—	—
Dacca ...	34 08	36 04	04 04	04 03	..	..	—	—	—
Dalbandin ...	—	—	11 05	12 07	14 03	27 25	—	..	—
D. I. Khan ...	..	—	—	—	—	—	..	..	—
Drosh ...	—	—	—	—	07 03	12 04	18 12	..	—
Fort Sandeman ...	—	—	—	31 01	27 04	24 06	28 11	26 18	27 23
Jacobabad ...	13 06	36 05	07 05	07 05	03 03	28 10	..	—	—
Jessore ...	35 13	36 12	01 07	28 07	27 15	—	—	—	—
[illegible] ...	29 16	31 09	32 04	32 02	10 12	08 11	..	—	..
Jiwani ...	28 03	29 10	30 11	—	..	—	—	..	—
Karachi ...	06 14	05 19	06 17	02 05	26 14	23 04	25 13	27 15	26 21
Khanpur ...	02 10	03 08	03 09	34 07	28 19	26 08	—	—	—
Lahore ...	29 07	31 07	32 05	06 03	10 08	01 11	..	—	—
Multan ...	01 09	36 09	36 08	34 10	34 09	30 06	—	.	—
Muscat ...	—	—	—	—	—	—	..	..	..
Panjgur ...	—	—	—	—	—	—	—	..	..
Peshawar ...	—	06 03	31 17	31 08	09 11	—	—	—	—
Quetta ...	—	—	—	—	30 06	26 08	23 21	24 19	24 27
Sharjah ...	—	—	—	—	—	..	—	..	..
Sylhet ...	35 08	35 06	35 07	29 06	25 12	..	—	—	..
Varawal ...	—	—	—	—	—	—	—	—	—

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

At 0000 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.?
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	36 14	36 14	01 10	09 05	27 16	25 33	..	..	..	..	—
Chilas ...	—	..	—	—	..	—	..	..	..	..	—
Chiber ...	..	—	..	—	—	—	—	—	..	—	..
Chittagong ...	02 07	03 02	—	—	—	..	—	..	—	—	—
Cox's Bazar ...	—	—	..	—	—	—	..	—	—	—	—
Dacca ...	34 05	33 05	34 05	24 02	27 16	26 21	26 23	26 35	26 35	27 28	30 [illegible]
Dalbandin ...	..	—	08 07	07 12	35 13	33 17	33 22	30 29	31 31	30 39	[illegible]
D. I. Khan ...	—	..	—	—	—	—	—	—	—	—	[illegible]
Drosh ...	—	..	—	..	03 10	01 13	10 04	18 12	32 16	23 18	24 [illegible]
Fort Sandeman ...	..	—	—	28 04	28 05	32 32	21 38	21 49	30 42	29 41	37 [illegible]
Jacobabad ...	27 05	29 04	35 06	34 09	32 11	30 19	—	—	—	—	[illegible]
Jessore ...	34 09	34 08	33 08	34 03	26 09	27 21	27 35	26 31	26 32	35 35	27 [illegible]
[illegible] ...	13 03	31 03	32 03	02 04	16 10	19 11	23 19	25 31	27 32	26 36	26 [illegible]
Jiwani ...	35 09	31 05	21 05	25 03	36 06	03 07	35 09	32 15	—	—	[illegible]
Karachi ...	30 08	31 07	36 06	36 06	36 09	31 06	32 17	31 19	29 22	29 33	25 [illegible]
Khanpur ...	25 16	25 07	26 05	33 07	30 11	26 18	—	—	—	—	[illegible]
Lahore ...	31 05	29 07	30 06	12 05	20 10	23 12	25 27	25 37	26 39	27 44	25 [illegible]
Multan ...	26 13	25 12	28 09	28 10	26 14	25 17	—	—	—	..	..
Muscat ...	—	—	—	—	..	—	—	—	..	..	—
Panjgur ...	—	—	—	—	—	—	..	—	—	—	[illegible]
Peshawar ...	—	17 01	16 02	30 07	32 04	30 09	25 17	28 24	29 38	28 44	27 [illegible]
Quetta ...	..	—	—	..	32 05	33 21	32 39	..	—	..	—
Sharjah ...	—	—	..	—	—	—	..	—	—	..	..
Sylhet ...	11 02	11 03	14 04	13 02	34 07	27 26	26 49	27 44	27 48	..	..
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. a.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	16.0	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 ...	30 22	30 19	35 21	04 26	09 21	03 43	09 20	27 37	27 33	..	—	—	—	..	—	—	—	..
Karachi ...	35 08	35 09	23 08	33 07	35 06	31 07	28 18	28 22	28 23	37 35	27 54	25 73	25 81	..	—	—	—	—
Peshawar ...	Miads	..	—	—	—	..	..	—	—	—	—	—	—	..	—	—	—	—
Quetta ...																		

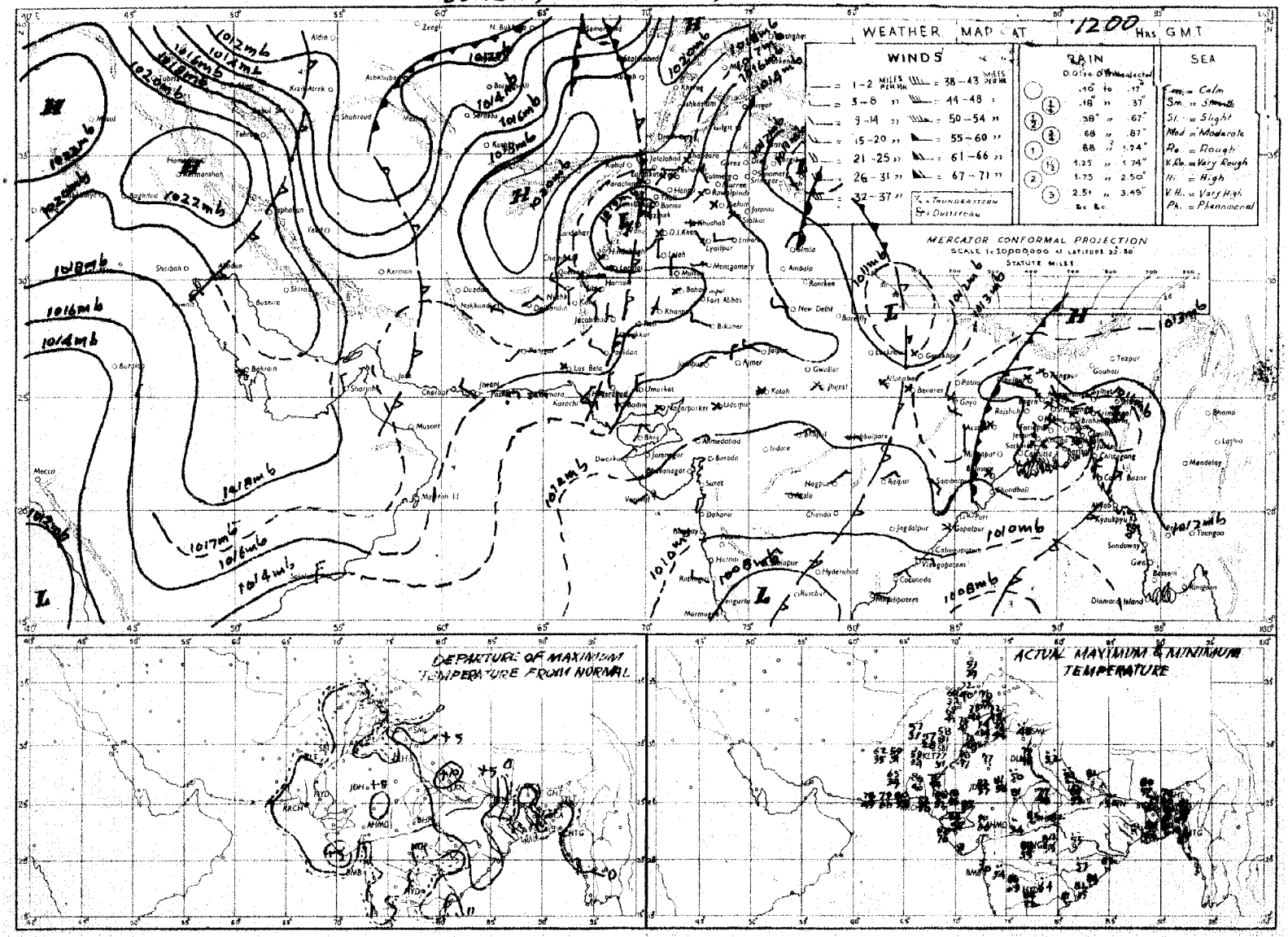
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

The [illegible] of 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

SUNDAY, 6th DECEMBER, 1959



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

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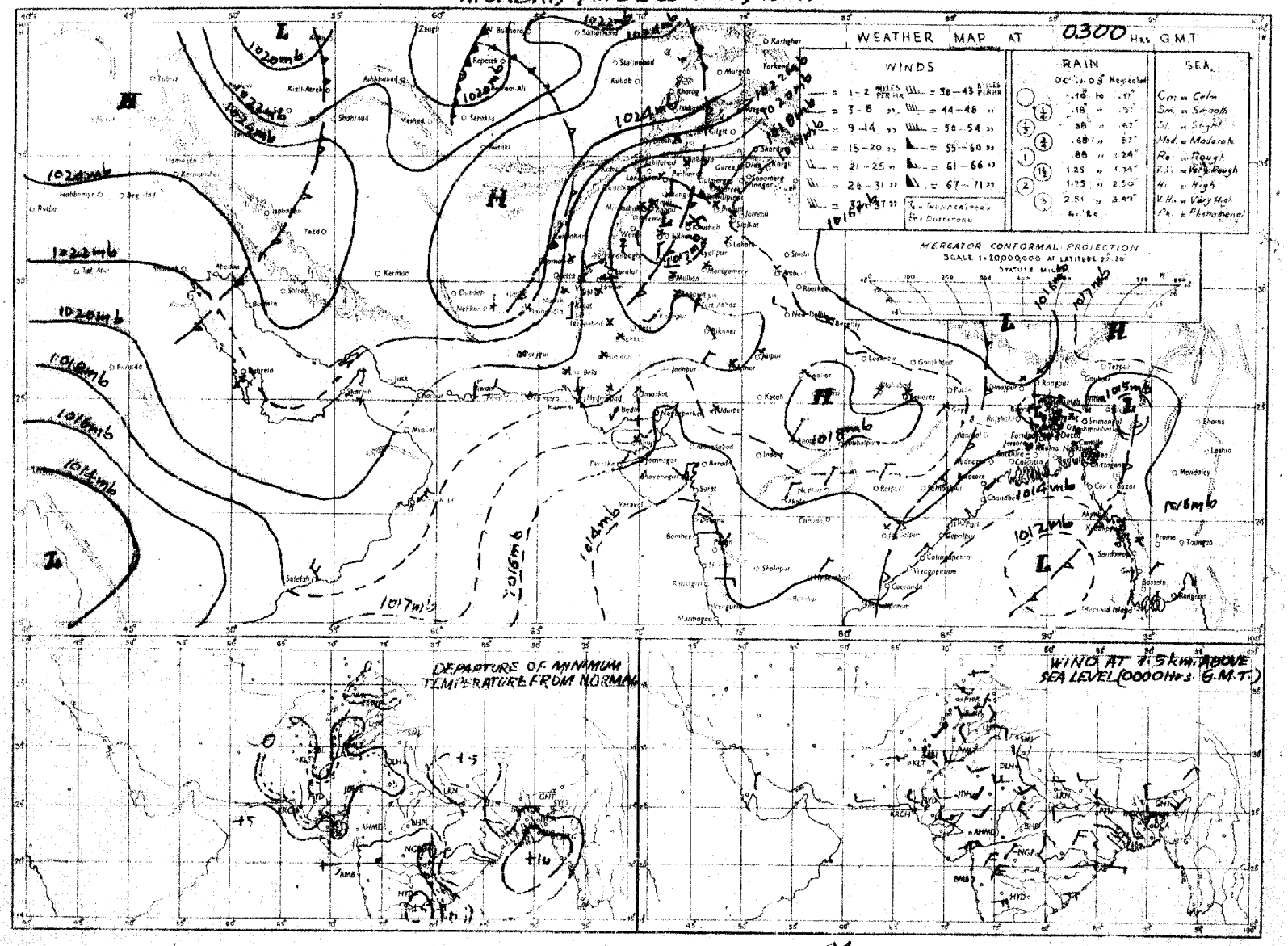
PAKISTAN DAILY WEATHER MAP

MONDAY, 7th DECEMBER, 1959,



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 8th DECEMBER, 1959.

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

Yesterday's western disturbance north of Afghanistan is now moving across east Russian Turkistan.

A fresh western disturbance is moving across north Iran with its associated trough extending to south Iran.

Ship observations are lacking but beleive yesterday's well marked low in central and adjoining north Bay of Bengal has moved away northeastwards.

A low pressure wave is moving across Sub-Himalayan West Bengal.

Scattered rain has fallen in Chittagong division. Chittagong reported 3/4" and Cox's Bazar ½" rain.

Weather remained dry over West Pakistan.

Night temperatures were:- 4—5°F below normal in North Kalat and Quetta divisions and the Federal Capital Area and were 4—7°F above normal in East Pakistan.

Forecast valid until the evening of 9th December, 1959. Scattered rain/snow may occur over the hills in Peshawar division and in Kashmir. A few falls of rain/drizzle are also expected in Dacca and Chittagong divisions.

Karachi-11
The 8th December, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	011	9	7	36	02	94	02	1	133	72	6	4	6	1	0	72	75
	Chittagong	065	7	8	00	00	xx	03	6	142	69	8	7	5	x	x	68	79
	Maijdee Court	000	3	4	27	02	xx	10	5	126	72	!	2	6	7	2	67	79
	Comilla	000	0	0	00	00	94	00	0	126	76	0	0	9	0	0	68	84
	Brahmanbaria	000	0	0	00	00	xx	00	0	137	74	0	0	9	0	0	70	82
	Sylhet	000	0	0	00	00	xx	01	0	135	72	0	0	9	0	0	63	83
	Srimangal	000	0	0	00	00	xx	00	0	136	79	0	0	9	0	0	64	81
Dacca	Mymensingh	000	0	0	00	00	97	00	0	138	74	0	0	9	0	0	66	82
	Narayanganj	000	9	0	00	00	xx	05	0	134	75	0	0	9	0	0	62	83
	Dacca (Tezgaon)	000	9	1	00	00	97	02	1	131	72	1	0	9	3	0	62	80
	Faridpur	000	0	0	36	02	98	05	0	128	77	0	0	9	0	0	64	79
	Barisal	000	0	6	00	00	96	00	0	135	75	6	0	9	4	0	67	79
Rajshahi	Khulna	000	0	7	00	00	xx	01	2	147	xx	7	5	6	0	0	67	79
	Satkhira	000	2	6	00	00	97	02	2	132	74	6	5	7	0	0	64	81
	Jessore	000	0	0	36	02	99	00	0	126	75	0	0	9	0	0	62	81
	Sirajganj	000	0	0	00	00	xx	00	0	110	70	0	0	9	0	0	67	82
	Bogra	000	0	0	00	00	xx	02	0	136	70	0	0	9	0	0	xx	78
	Dinajpur	000	0	0	00	00	xx	00	0	122	72	0	0	9	0	0	59	82
	Rangpur	000	0	4	00	00	96	01	4	xxx	72	1	5	6	2	0	64	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	1	157	67	0	0	9	0	0	46	74
	Sialkot	000	0	0	00	00	98	00	0	147	65	0	0	9	0	0	54	70
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	156	61	0	0	9	0	0	48	75
	Rawalpindi	000	0	0	20	02	99	00	0	165	59	0	0	9	0	0	47	67
	Khushab	000	0	0	00	00	99	00	0	153	71	0	0	9	0	0	37	76
Multan	Lyallpur	000	0	0	00	00	96	00	0	155	63	0	0	9	0	0	46	76
	Montgomery	000	0	0	00	00	97	00	0	153	72	0	0	9	0	0	41	75
	Multan	000	0	0	00	00	97	02	0	158	72	0	0	9	0	0	36	77
Bahawalpur	Leiah	000	0	0	09	04	98	05	0	154	75	0	0	9	0	0	38	70
	Khanpur	000	0	0	00	00	96	02	0	151	75	0	0	9	0	0	59	78
	Bahawalpur	000	0	0	00	00	97	00	0	158	74	0	0	9	0	0	59	79
	Fort Abbas	000	0	0	00	00	98	00	0	155	72	0	0	9	0	0	48	77
Peshawar	Chakdara	000	0	0	00	00	96	00	0	177	61	0	0	9	0	0	37	66
	Peshawar	000	0	1	00	00	97	03	0	161	64	0	0	9	0	1	40	71
	Haripur	000	0	0	09	02	97	60	0	177	66	0	0	9	0	0	52	71
	Campbellpur	000	0	0	36	00	98	00	0	197	64	0	0	9	0	0	61	67
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	147	64	0	0	9	0	0	45	72
	D. I. Khan	000	0	0	00	00	98	00	0	158	66	0	0	9	0	0	51	77
Quetta	Sibi	000	0	0	18	02	99	00	0	157	76	0	0	9	0	0	40	77
Kalat	Nokkundi	000	0	0	23	02	99	00	0	163	66	0	0	9	0	0	33	68
	Turbat	000	0	0	00	00	98	00	0	155	81	0	0	9	0	0	51	83
	Jiwani	000	0	6	27	03	97	02	0	169	77	0	0	9	0	0	52	78
	Pasni	000	0	0	29	07	98	00	0	152	82	0	0	9	0	0	61	83
	Ormara	000	0	0	27	03	98	00	0	145	77	0	0	9	0	0	66	80
	Las Bela	000	0	0	00	00	58	00	0	156	83	0	0	9	0	0	37	87
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	10	98	02	0	155	79	0	0	9	0	0	63	82
	Karachi (Air Port)	000	0	0	27	09	96	02	0	146	79	0	0	9	0	0	39	82
	Badin	000	0	0	00	00	97	00	0	145	78	0	0	9	0	0	43	83
	Nagarparker	000	0	0	04	00	98	00	0	139	81	0	0	9	0	0	56	83
	Umarkot	000	0	0	29	03	98	00	0	143	77	0	0	9	0	0	35	80
	Hyderabad	000	0	0	00	00	97	02	0	157	76	0	0	9	0	0	46	82
Khairpur	Pad-i-dan	000	0	0	31	02	97	02	0	153	75	0	0	9	0	0	44	79
	Nawabshah	000	0	0	00	00	97	02	0	154	76	0	0	9	0	0	42	80
	Sukkur	000	6	0	27	00	96	00	0	148	75	0	0	9	0	0	47	79
	Kashmore	000	0	0	xx	xx	99	00	0	148	74	0	0	9	0	0	39	77
	Jacobabad	000	0	0	27	03	98	02	0	153	77	0	0	9	0	0	43	77
Junagadh-Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	09	02	98	00	0	511	46	0	0	9	0	0	25	51
Peshawar	Drosh	000	0	0	13	07	97	02	0	532	47	0	0	9	0	0	33	54
	Cherat	000	0	0	36	07	98	00	0	528	52	0	0	9	0	0	14	58
	Kakul	000	0	0	29	03	98	00	0	529	53	0	0	9	0	0	32	61
	Landi Kotal	000	0	0	31	01	99	00	0	512	52	0	0	9	0	0	23	59
	Parachinar	000	0	0	13	05	99	00	0	518	56	0	0	9	0	0	21	62
D. I. Khan	Miranshah	000	0	0	05	02	99	00	0	503	61	0	0	9	0	0	25	68
	Wana	000	0	0	00	00	91	10	0	491	60	0	0	9	0	0	18	61
	Fort Sandeman	000	0	0	34	01	98	00	0	515	64	0	0	9	0	0	34	66
Quetta	Hindubagh	000	0	0	25	09	98	00	0	501	54	0	0	9	0	0	27	58
	Loralai	000	0	0	09	02	98	00	0	363	62	0	0	9	0	0	04	66
	Harnai	000	0	0	21	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	05	0	523	54	0	0	9	0	0	45	57
	Chaman	000	0	0	31	02	96	00	0	544	53	0	0	9	0	0	27	55
Kalat	Kalat	000	0	0	34	09	98	00	0	544	47	0	0	9	0	0	22	53
	Nushki	000	0	0	00	00	95	02	0	609	57	0	0	9	0	0	32	58
	Dalbandin	000	0	0	05	07	98	02	0	553	60	0	0	9	0	0	27	61
	Panjgur	000	0	0	36	05	98	00	0	536	60	0	0	9	0	0	27	61
Afghanistan	Kabul	000	0	0	29	02	99	00	0	558	46	0	0	9	0	0	34	51
	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 November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	044	7	7	07	02	96	02	6	156	70	6	4	6	2	0	70	68	− 6	+ 8	0.4	− 3.1	141.5	140
	Chittagong	076	9	8	00	00	96	02	6	172	73	8	7	5	x	x	71	63	0	+ 4	1.3	− 1.1	143.3	108
	Maijdee Court	000	9	7	00	00	95	01	2	172	70	7	0	9	2	0	67	66	0	+ 10	0	− 1.5	144.7	115
	Comilla	...																	+ 4					94
	Brahmanbaria	000	0	4	00	0	97	03	4	172	69	4	0	9	0	0	67	63	—	—	0	− 1.2	85.2	76
	Sylhet	0r0	0	0	09	02	95	02	0	163	72	0	0	9	0	0	62	61	—		0	—	193.9	—
	Srimangal	000	4	1	00	00	96	03	0	169	66	1	1	7	4	0	63	53	− 1	+ 3	0	− 1.5	109.4	98
Dacca	Mymensingh	000	5	0	00	00	95	28	4	187	64	0	0	9	0	0	62	59	+ 4	+ 2	0	− 0.9	113.3	91
	Narayanganj	000	9	2	31	02	96	01	2	174	72	2	0	9	7	0	65	64	+ 4	+ 5	0	− 1.0	103.9	74
	Dacca (Tezgaon)	000	3	3	36	02	97	01	2	167	67	3	0	x	3	0	65	61	—	—	0	—	103.6	—
	Faridpur	000	9	6	34	02	96	03	0	162	71	4	5	7	1	0	65	61	+ 2	+ 4	0	− 1.2	116.6	71
	Barisal	000	9	6	05	01	96	03	4	169	70	4	0	9	4	3	65	66	0	+ 9	0	− 1.7	140.5	81
Rajshahi	Khulna	000	0	6	00	00	96	01	2	178	72	6	5	7	0	0	65	67	0	+ 11	0	− 1.2	102.8	68
	Satkhira	000	2	7	00	00	97	02	2	177	70	7	7	7	0	0	63	66	0	+ 12	0	− 1.8	82.1	65
	Jessore	000	0	6	31	03	97	03	2	175	69	4	0	9	6	9	64	64	—	—	0	− 1.0	105.8	65
	Sirajganj	000	0	2	00	00	97	03	0	167	70	2	0	9	1	0	65	60	+ 5	+ 4	0	− 0.7	107.7	64
	Bogra	000	0	0	36	03	96	02	0	175	69	0	0	9	0	0	63	60	+ 1	+ 5	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	158	68	0	0	9	0	0	56	55	+ 4	+ 2	0	− 0.4	66.9	72
	Rangpur	000	0	0	05	02	96	02	0	xxx	67	0	0	9	0	0	62	57	+ 1	+ 4	0	− 0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	1	00	00	94	10	0	205	47	0	0	9	0	1	44	43	− 1	+ 2	1.1	+ 1.0	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	198	55	0	0	9	0	0	47	46	− 2	+ 3	3.1	+ 2.8	61.8	32
Rawalpindi	Jhelum	000	0	2	00	00	95	01	0	199	46	0	0	9	0	1	44	44	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	4	00	00	98	03	0	221	40	0	0	9	0	8	38	38	− 2	0	3.6	+ 3.2	55.9	36
	Khushab	000	0	0	09	03	99	00	0	201	45	0	0	9	0	0	36	41	+ 2	− 2	1.1	+ 1.0	23.5	15
Multan	Lyallpur	000	0	0	00	00	95	00	0	190	44	0	0	9	0	0	42	43	+ 4	+ 1	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	12	02	96	00	0	190	44	0	0	5	0	0	32	42	0	− 3	0.1	0	8.5	10
	Multan	000	0	0	00	00	95	42	0	206	48	0	0	9	0	0	41	45	+ 3	+ 1	0.1	+ 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	96	05	0	197	52	0	0	9	0	0	50	48	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	96	02	0	181	51	0	0	9	0	0	39	45	+ 2	0	0	− 0.1	1.4	6
	Bahawalpur	000	0	0	00	00	97	00	0	212	51	0	0	9	0	0	42	43	+ 4	− 2	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	11	02	58	00	0	198	54	0	0	9	0	0	43	47	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	4	00	00	97	03	0	216	39	4	0	8	4	0	34	38	—	—	5.6	—	32.1	—
	Peshawar	000	0	7	18	02	98	03	0	208	45	1	0	9	3	2	39	42	+ 2	0	5.0	+ 4.6	28.5	14
	Haripur	000	0	0	05	06	97	00	0	201	45	0	0	9	0	0	36	43	—	—	4.5	—	35.7	—
	Campbellpur	600	0	0	00	00	98	00	0	232	42	0	0	9	0	0	40	38	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	2	2	00	00	99	02	0	194	42	0	0	9	0	3	36	43	—	—	2.5	—	15.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	200	45	0	0	9	0	0	41	40	+ 3	− 2	1.7	+ 1.5	16.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	206	47	0	0	6	4	0	40	45	—	—	4.1	—	9.3	5
Kalat	Nokkundi	000	0	0	02	02	58	00	0	226	40	0	0	9	3	0	30	36	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	02	97	00	0	188	62	0	0	9	0	0	45	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	0	36	02	97	02	0	185	55	0	0	9	0	0	33	53	—	—	1.1	—	7.7	4
	Pasni	000	0	0	02	03	98	00	0	176	63	0	0	9	0	0	51	58	+ 4	+ 3	0.3	0	13.4	6
	Ormara	000	0	0	00	00	98	00	0	177	67	0	0	9	0	0	55	59	—	—	2.7	+ 2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	195	63	0	0	9	0	0	43	45	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	09	10	95	05	0	178	58	0	0	9	0	0	28	56	+ 2	− 5	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	186	52	0	0	9	0	0	26	48	—	—	3.3	—	26.1	—
	Badin	000	0	0	23	01	96	00	0	168	53	0	0	9	0	0	45	51	+ 1	− 2	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	160	64	0	0	9	0	0	54	61	—	—	0	—	30.5	—
	Umarkot	000	0	0	36	02	98	00	0	177	49	0	0	9	0	0	31	44	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	00	00	95	00	0	191	53	0	0	9	0	0	44	52	+ 2	− 1	0.5	+ 0.5	19.6	7
Khairpur	Pad-i-dan	000	0	0	31	02	96	02	0	197	48	0	0	9	0	0	45	43	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	00	00	97	02	0	195	48	0	0	9	0	0	40	43	—	—	0.3	—	7.5	—
	Sukkur	000	2	0	00	00	91	40	4	194	52	0	0	9	0	0	50	48	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	207	59	0	0	9	0	0	38	44	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	31	02	98	02	0	200	49	0	0	9	0	0	40	47	0	0	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	2	6	13	02	98	02	1	536	43	0	0	9	0	4	19	36	− 6	0	5.9	+ 4.9	84.4	59
Peshawar	Drosh	000	0	5	00	00	97	03	0	573	36	0	0	9	0	1	21	35	0	− 2	4.6	—	35.3	18
	Cherat	000	0	4	05	07	98	03	1	538	49	0	0	9	0	8	18	47	+ 1	+ 4	6.0	+ 5.3	37.4	29
	Kakul	000	9	5	31	02	96	04	1	534	46	0	0	9	0	1	25	42	—	—	4.9	—	60.1	—
	Landi Kotal	000	0	5	00	00	98	03	0	522	42	0	0	9	0	9	22	37	—	—	3.9	—	32.8	—
	Parachinar	000	0	1	36	03	98	02	0	545	35	1	0	8	1	0	21	33	+ 5	0	6.0	—	34.0	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	507	41	0	0	9	0	0	29	37	—	—	1.1	+ 1.1	8.1	13
	Wana	...																	—	—				—
	Fort Sandeman	000	0	0	23	01	98	00	0	536	36	0	0	9	0	0	28	xx	+ 6	—	5.0	+ 4.8	21.0	11
Quetta	Hindubagh	000	0	0	23	03	98	00	0	525	32	0	0	9	0	0	14	31	—	—	4.7	—	17.7	—
	Loralai	000	0	0	31	03	98	00	0	337	34	0	0	9	0	0	14	32	—	—	3.6	—	16.2	—
	Harnai	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.5	18.7	14
	Quetta	000	0	0	00	00	95	00	0	552	35	0	0	9	0	0	28	27	—	—	2.5	+ 2.0	11.9	8
	Chaman	000	0	0	09	02	96	00	0	548	37	0	0	9	0	0	24	32	− 4	− 5	1.5	+ 0.7	7.8	7
Kalat	Kalat	000	0	0	00	00	98	00	0	564	29	0	0	9	0	0	26	23	− 4	− 4	1.7	+ 1.3	13.6	9
	Nushki	000	0	0	00	00	98	02	0	593	43	0	0	9	0	0	32	41	—	—	0.7	—	3.7	—
	Dalbandin	000	0	0	05	02	97	02	0	529	32	0	0	9	0	0	26	30	− 2	− 4	0.6	+ 0.4	2.8	5
	Panjgur	000	0	0	05	02	98	00	0	537	35	0	0	9	0	0	27	34	− 5	− 5	0.1	—	4.2	14
Afghanistan	Kabul	000	0	0	16	03	99	00	0	601	38	0	0	9	0	0	31	29	—	—	—	—	—	—
	Kandahar																							

Givenin Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 8th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_sh_sh_s$	0 $T_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Derema	23 253	537 00	6 32 09	98 02 2	200 72	60 9 70	65 40 0	..	..	—
Berenice	23 160	535 03	3 30 15	99 02 0	180 73	32 5 00	56 21 0	—	0 53 55	1 29 21
Wassertoren	23 242	591 06	0 00 00	99 00 0	215 73	00 9 00	35 20 3	—	0 52 55	1 00 x0
Caltex Utrecht	23 193	583 06	6 03 14	98 02 2	184 75	22 5 50		—	0 00 60	1 03 22
Berenice	23 157	527 06	0 29 20	99 02 0	190 73	83 9 00	56 21 0	...	9 56 55	1 29 23
Caltex Rotterdam	23 224	600 06	1 34 20	98 02 0	195 72	18 8 90		—	0 55 57	1 34 22
Berenice	23 148	520 09	0 30 05	98 02 0	170 77	00 9 00	56 62 0	...	0 53 55	1 29 23
Wassertoren	23 231	604 12	0 32 09	99 02 0	178 79	00 9 00	35 62 0	..	0 54 54	1 32 21
Berenice	23 140	512 12	3 30 07	98 03 0	160 79	30 6 41	56 71 0	—	0 00 58	1 29 x1
Caltex Utrech	23 206	591 12	6 03 09	98 02 2	160 75	65 6 00	..	—	0 00 63	1 03 22
Caltex Rotterdam	23 232	592 12	0 34 12	99 02 0	175 75	00 9 00	..	..	0 53 50	1 34 21
Berenice	23 144	503 12	4 22 05	98 02 0	170 77	40 6 40	56 21 0	...	0 52 57	1 29 x0
Imada	23 198	586 12	0 05 15	99 02 0	186 75	00 9 00	56 20 7	...	0 58 59	1 05 21
Wassertoren	23 222	615 18	4 09 05	99 02 0	189 75	41 4 00	35 81 8	—	0 53 64	1 09 21
Caltex Utrecht	23 219	598 18	0 03 09	98 02 1	192 73	00 9 0.		...	0 03 55	1 02 22
Berenice	23 141	496 18	4 12 05	99 02 0	182 79	32 6 89	56 21 2	..	0 00 57	1 16 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	—	Misda	..	—	..	..	—	—	—	—	—	..	..
Jiwani														
Karachi	00 00	014 122 055	141 140 999	..	150 148 999	..	316 122 999	443 042 999	589 558 999	760 678 999	969 830	247 948	—	—
Lahore														
Multan														
Peshawar	23 00	976 072 015	—	..	149 103 532	..	311 055 618	435 508 665	579 575 999	749 658 999	961 770	242 935	433 990	696 030
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	—	Misda	..	..	..	..	..	—	..	—	—	—
Jiwani													
Karachi	00 00	—	..	..	—	—	—	—	—	—	200 988 999	—	—
Lahore													
Multan													
Peshawar	23 00	900 098 502	800 102 545	350 715 999	250 848 999	065 042 999	—	—	—	—	065 042 999	—	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra	34 06	34 07	35 07	04 03	27 11	27 33			
Chaklala	..	27 04	32 02	10 04	12 06	25 04	27 07	29 24	29 29
Chitral	01 04	35 04	35 05	33 07	33 09	33 09	30 12	33 15	33 15
Chittagong	30 07	28 10	27 12	26 10			—	—	..
Cox's Bazar	01 11	36 08	29 01	28 13	25 16	26 18	—	—	—
Dacca	34 05	33 05	33 04	29 05	27 16	27 29	26 31	27 32	26 34
Dalbandin	—	—	08 10	07 13	01 18	35 18	32 20	29 19	28 26
D. I. Khan	..	—	—				..	..	
Drosh	—	—	—		04 04	04 06	24 03	16 05	16 06
Fort Sandeman	—	—	—	30 02	32 07	34 16	33 29	31 26	31 29
Jacobabad	29 05	31 05	34 09	35 11	36 10	34 10	34 13	31 14	31 25
Jessore	35 10	36 09	36 07	35 05	27 12	25 19	—	—	—
Jhelum	28 04	32 05	33 04	37 05	07 04	25 05	26 07	29 19	29 25
Jiwani	29 06	34 04	35 03	03 07	03 08	32 06	33 07	32 09	29 12
Karachi	29 09	33 06	35 09	33 10	35 07	31 08	33 10	35 15	35 18
Khanpur	32 04	29 03	33 04	34 09	33 10	32 16	32 19	32 27	—
Lahore	29 07	30 06	34 03	02 04	26 08	25 15	27 13	27 13	29 29
Multan	07 05	11 04	07 04	03 10	34 10	32 15	31 17	31 27	30 27
Murree	—	—	—	—	—	—	..	..	—
Panjgur	—	—	—		—	—	—	..	..
Peshawar	..	22 04	34 07	33 15	33 20	32 15	30 17	30 28	28 12
Quetta	..	—	—	—	29 07	35 16	34 23	31 36	29 33
Sharjah	—	—	—		—		—	..	...
Sylhet	31 02	30 03	29 02	20 01	27 07	27 30	—	—	..
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	35 11	36 11	36 11	13 04	27 17	26 26
Chaklala	—	—	—	..	—	—
Chitral	07 15	05 12	05 08	03 06	36 05	30 10
Chittagong	36 04	01 07	34 01	26 08	28 14	27 24
Cox's Bazar	34 03	28 04	—	—	—	—
Dacca	02 08	02 04	05 03	26 36	26 14	27 25
Dalbandin	—	—	07 09	05 10	02 12	34 08
D. I. Khan	—	—	—			
Drosh	—	..	—	13 07	16 02	20 04
Fort Sandeman	—	—	..	23 02	34 07	31 09
Jacobabad	05 02	01 02	23 02	32 02	02 03	31 11
Jessore	01 13	01 13	35 11	27 09	26 10	29 18
Jhelum	34 06	30 07	20 04	08 03	13 01	25 01
Jiwani	01 13	03 11	04 12	03 07	33 05	03 09
Karachi	08 04	08 06	08 08	06 06	10 05	17 06
Khanpur	09 08	04 04	05 04	04 07	01 16	31 13
Lahore	34 03	32 03	82 04	33 06	28 03	29 07
Multan	30 03	31 03	09 02	04 06	34 09	32 10
Murree	—	—	—	—	—	..
Panjgur	—	—	—		—	—
Peshawar	..	30 08	32 06	31 08	33 11	32 11
Quetta	—	—	—	—	34 09	30 12
Sharjah	—	—	..	—	—	—
Sylhet	09 09	09 05	07 06	12 0	26 12	26 23
Veraval	—	—	—	—	—	—

At 0600 hrs. G.M.T. † of date (dd ff)

STATION	0.3 (17)	0.6 (18)	9 0 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.7 (27)
Bogra	01 07	01 10	36 07	17 05	29 17	27 26	26 33	25 42	27 38	..	—
Chaklala	—	..	—	—	..	—	..	..	..	..	—
Chitral	..		..	—	—	—	—	—	..	—	..
Chittagong	33 04	34 07	28 06	—	—	..	—	..	—	—	—
Cox's Bazar	36 07	29 02	25 09	—	—	—	..	—	—	—	—
Dacca	35 04	02 02	35 22	27 03	29 13	25 29	..	—	..	—	—
Dalbandin	..	—	07 10	06 12	04 06	29 04	29 17	30 20	30 22	30 30	29 37
D. I. Khan	—	..	—	—							—
Drosh	—	..	—	..	02 07	36 10	25 10	27 22	28 35	28 47	—
Fort Sandeman	..	—	—	31 04	22 05	27 07	29 29	29 34	30 42	29 60	29 70
Jacobabad	36 05	34 04	35 03	07 03	15 04	29 12	29 25		..	—	..
Jessore	29 05	33 10	32 12	28 15	26 10	30 14	—	—	—	..	—
Jhelum	33 01	30 03	27 01	04 04	13 03	20 03	28 17	28 17	28 24	28 39	36 21
Jiwani	25 13	08 11	09 09	03 05	35 09	08 05	31 12	31 15	32 17	31 16	—
Karachi	06 38	06 04	04 12	04 09	31 05	02 05	30 09	27 14	30 20	—	..
Khanpur	12 06	11 05	08 05	35 05	06 06	30 08	30 24	30 30	29 32	28 31	—
Lahore	30 01	29 02	29 04	33 04	32 02	32 04	30 26	28 24	28 27	..	..
Multan	22 05	19 04	11 01	03 06	35 07	28 10	30 22	29 29	29 33	28 45	—
Murree	—	—	—	—	..	—	—	—	..	..	—
Panjgur	—	—	—	—	—	—	..	—	—	—	—
Peshawar	—	—	—	—		..	—	..	—	..	—
Quetta	..	—	—	..	27 01	28 09	29 18	30 26	29 29	29 32	—
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

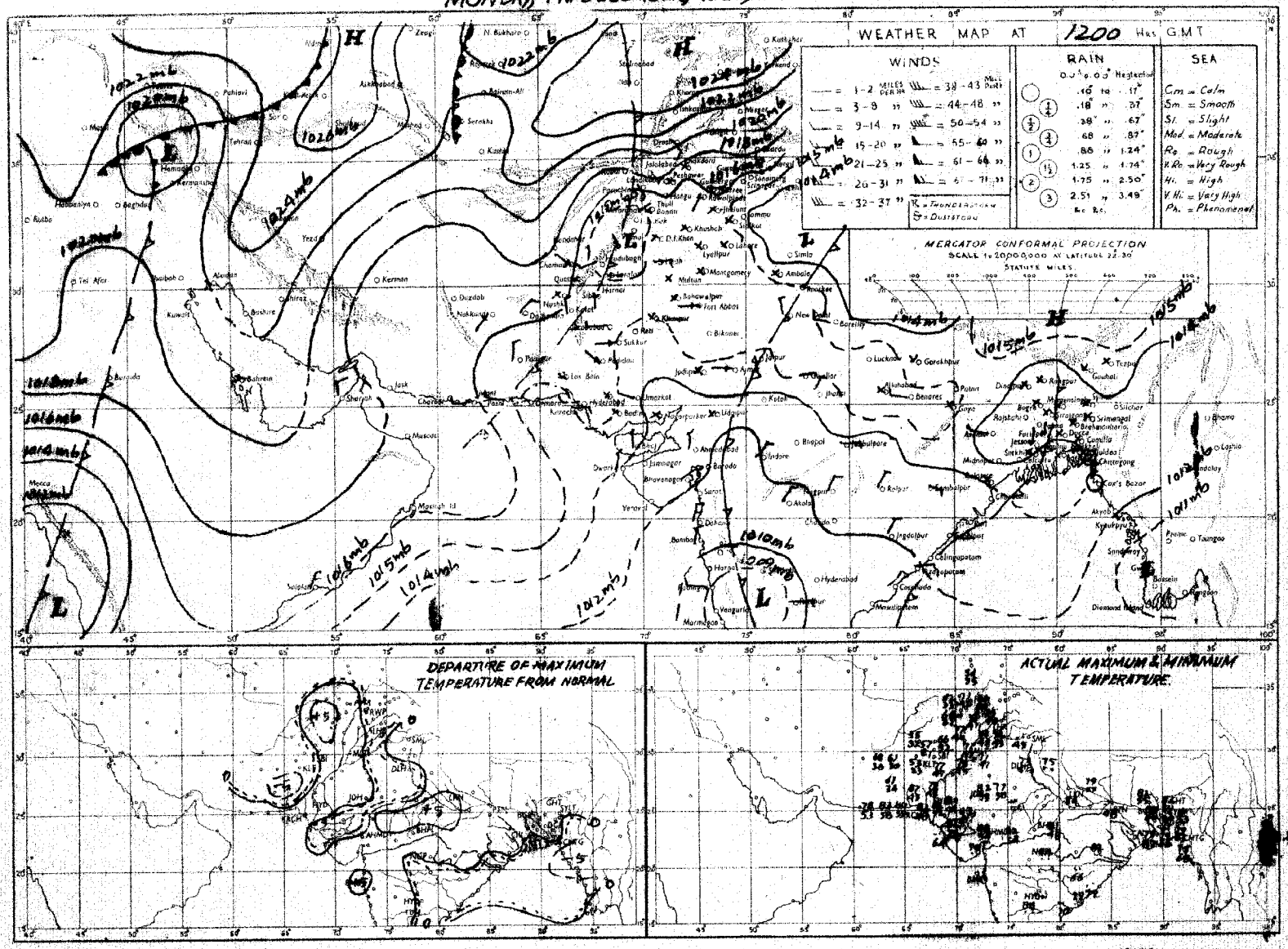
Height in g.p. a.s.l. / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong																		..
Dacca	Misda													—	—	..		—
Karachi	08 06	09 06	04 08	05 10	05 09	35 06	35 03	29 14	30 20	32 25	29 28	27 43	27 55	..	..	—	—	—
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 V,V etc.)

PAKISTAN DAILY WEATHER MAP

MONDAY, 7th DECEMBER, 1959.



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

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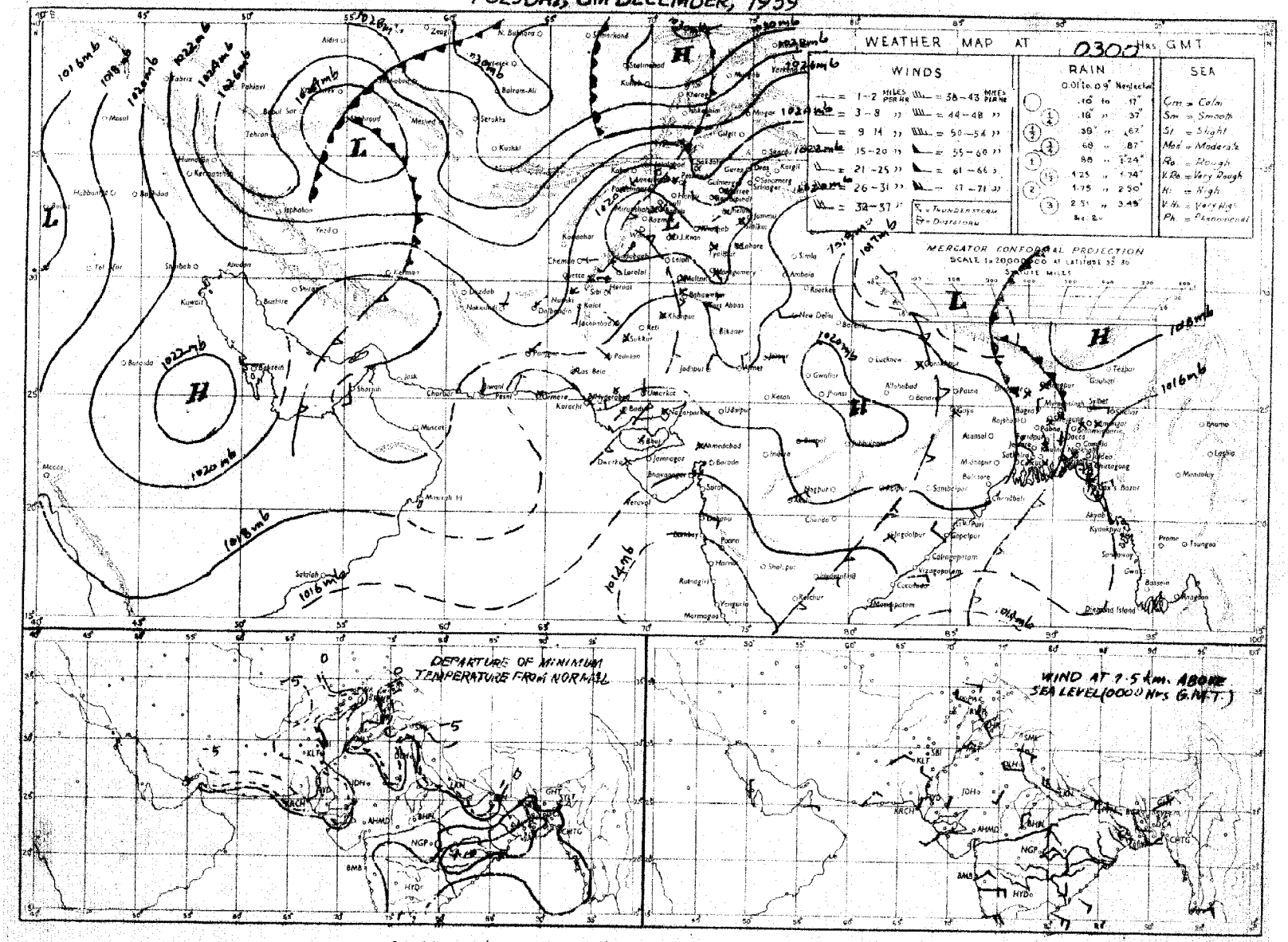
PAKISTAN DAILY WEATHER MAP

TUESDAY, 8th DECEMBER, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. 8-1457
Volume No. 13

WEDNESDAY THE 9th DECEMBER, 1959.

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

Yesterday's western disturbance over east Russian Turkistan is moving away eastwards.

The western disturbance over north Iran is moving across the north of Afghanistan with its associated trough extending to D. I. Khan division and neighbourhood.

A fresh western disturbance lies over south Iran.

Weather remained dry over West Pakistan.

The low pressure wave over Sub-Himalyan West Bengal is moving away across Assam. It has caused scattered light rain/drizzle in Chittagong division.

Night temperatures were:- 3—5°F above normal in Lahore division and the southern parts of East Pakistan and were 3—4°F below normal in Federal Capital Area and Kalat division outside coast.

Forecast valid until the evening of 10th December, 1959. Scattered rain/snow is likely to fall over the hills in Peshawar division and in Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 9th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level Pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form† (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of Maximum Temperature (TxTx)	Departure from Normal of Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	8	4	34	02	94	01	6	138	73	1	4	7	5	9	70	76	000	0	2	34	02	97	01	0	152	74	1	1	6	0	2	66	69	− 5	+ 9	0.4	− 3.3	141.5	140
	Chittagong	004	6	6	27	05	xx	03	6	143	73	4	6	6	2	0	70	76	009	7	1	36	09	96	01	6	159	73	0	0	9	0	0	65	65	− 3	+ 6	1.4	− 1.1	143.3	188
	Kaptai Court	000	3	9	36	02	xx	51	5	138	73	9	x	0	x	x	66	79	000	9	0	00	00	98	00	4	160	70	0	0	9	0	0	61	62	0	+ 2	0	− 1.7	144.7	115
	Comilla	000	0	8	00	00	94	02	2	150	73	8	4	5	x	x	68	80	000	0	0	00	00	97	00	0	163	70	0	0	9	0	0	62	68	0	+ 4	0.1	− 1.4	107.8	94
	Brahmanberia	000	0	3	00	00	xx	03	1	140	74	3	0	9	7	0	68	80	000	0	1	05	02	97	00	0	167	73	0	0	9	0	0	65	61	—	—	0	− 1.2	35.2	76
	Sylhet	000	0	1	27	05	xx	02	0	133	73	1	0	9	8	0	63	83	000	0	1	09	02	97	02	0	157	71	1	2	6	0	0	63	58	—	—	0	—	193.9	—
	Srimangal	000	0	2	00	00	xx	01	0	137	73	2	4	7	0	0	64	82	000	4	0	00	00	96	00	4	162	67	0	0	9	0	0	63	53	0	+ 3	0	− 1.5	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	150	73	0	0	9	0	0	63	80	000	0	0	00	00	97	00	0	168	64	0	0	9	0	0	59	59	+ 2	+ 2	0	− 0.9	113.3	91
	Narayanganj	000	9	3	00	00	xx	01	1	137	73	3	0	9	7	0	65	78	000	9	0	31	02	96	05	0	164	71	0	0	9	0	0	56	60	− 1	+ 1	0	− 1.0	103.9	74
	Dacca (Tejgaon)	000	9	6	29	02	97	01	1	135	70	6	0	9	4	0	63	77	000	9	0	34	03	97	02	0	160	67	0	0	9	0	0	57	57	—	—	0	—	103.6	—
	Faridpur	000	8	7	00	00	95	02	2	128	72	6	4	7	1	0	67	77	000	9	0	34	03	95	01	0	165	68	0	0	9	0	0	58	57	0	—	0	− 1.2	116.4	71
	Barisal	000	0	0	00	00	96	02	1	137	75	0	0	9	0	0	65	79	000	9	0	36	01	96	03	4	162	68	0	0	9	0	0	61	62	0	+ 5	0	− 1.7	140.5	81
Rajshahi	Khulna	000	0	7	00	00	xx	02	2	145	71	7	5	6	0	0	65	77	000	0	0	00	00	97	00	0	171	70	0	0	9	0	0	67	61	− 9	+ 5	0	− 1.2	102.8	68
	Satkhira	000	6	7	00	00	97	02	2	146	71	7	7	7	0	0	64	81	000	0	0	00	00	98	00	0	172	68	0	0	9	0	0	68	59	0	+ 5	0	− 1.8	83.1	65
	Jessore	000	0	6	31	02	96	02	2	145	72	4	4	6	4	0	62	78	000	0	0	36	03	97	00	0	170	66	0	0	9	0	0	57	57	—	—	0	− 1.0	105.8	65
	Sirajganj	000	0	0	00	00	90	00	0	133	70	0	0	9	0	0	70	82	000	0	0	31	03	98	00	0	157	72	0	0	9	0	0	71	58	+ 5	+ 2	0	− 0.7	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	140	73	0	0	9	0	0	59	80	000	0	0	31	02	96	00	0	169	66	0	0	9	0	0	54	55	+ 3	0	0	− 0.8	104.4	69
	Dinajpur	000	0	1	00	00	96	01	0	xxx	72	1	5	6	0	0	64	79	000	0	0	00	00	96	00	0	166	68	0	0	9	0	0	58	55	—	+ 2	0	− 0.4	66.9	72
	Rangpur																					05	02	96	01	0	xxx	64	0	0	9	0	0	55	55	+ 2	+ 2	0	− 0.4	93.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	1	00	00	96	02	0	178	63	0	0	9	0	1	50	73	000	2	4	00	00	95	10	1	188	49	0	0	9	0	1	45	44	− 2	+ 3	1.1	+ 1.0	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	168	66	0	0	9	0	0	53	72	000	2	0	00	00	97	00	4	188	50	0	0	9	0	0	48	47	0	+ 4	3.1	+ 2.8	61.8	32
Rawalpindi	Jhelum	000	7	2	00	00	96	01	1	168	66	0	0	9	0	1	52	74	000	0	4	00	00	95	01	0	183	45	0	0	9	0	1	43	44	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	3	20	02	99	02	0	177	60	0	0	9	0	8	46	69	000	0	5	00	00	98	02	2	199	41	0	0	9	0	8	40	40	0	+ 2	3.6	+ 3.1	35.9	36
	Kuchab	000	0	0	00	00	99	00	0	180	67	0	0	9	0	0	48	78	000	0	0	00	00	99	00	0	185	46	0	0	9	0	6	45	42	+ 4	− 1	1.1	+ 1.0	23.5	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	175	68	0	0	9	0	0	43	77	000	0	6	00	00	94	41	4	194	44	6	0	9	0	4	43	43	+ 5	+ 1	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	23	02	97	00	0	165	70	0	0	9	0	0	52	74	000	0	0	00	00	96	00	0	190	44	0	0	9	0	0	44	42	− 1	− 3	0.1	0	8.5	10
	Multan	000	0	2	00	00	97	02	0	174	72	0	0	9	0	1	42	78	000	3	3	00	00	95	42	4	196	53	0	0	9	0	2	47	45	+ 4	+ 1	0.1	+ 0.1	8.3	7
Bahawalpur	Laiah	000	0	0	00	00	96	04	0	173	75	0	0	9	0	0	45	74	000	0	0	00	00	98	00	0	192	49	0	0	9	0	0	40	46	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	96	02	0	177	80	0	0	9	0	0	47	81	000	0	3	00	00	96	03	0	186	48	3	0	9	2	0	41	43	+ 5	− 2	0	− 0.1	4.4	5
	Bahawalpur	000	0	0	00	00	98	00	0	170	63	0	0	9	0	0	55	66	000	0	4	00	00	98	00	0	191	52	0	0	9	1	0	42	43	− 9	− 2	0.1	+ 0.1	6.6	6
	Fort Abbas	000	0	0	34	02	98	00	0	163	69	0	0	9	0	0	58	77	000	0	0	16	02	98	00	0	191	50	0	0	9	0	0	43	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	2	00	00	96	02	0	189	59	2	0	8	7	0	37	66	000	0	6	00	00	96	03	1	197	40	6	0	8	4	0	33	37	—	—	5.6	—	33.1	—
	Peshawar	000	0	6	09	02	96	05	1	185	64	0	0	9	0	1	44	71	000	0	6	00	00	96	05	0	194	43	0	0	9	0	9	36	41	+ 2	− 1	5.0	+ 4.6	28.5	14
	Mardan	000	0	0	05	02	97	00	0	186	67	0	0	9	0	0	50	72	000	0	4	05	06	97	00	0	188	44	0	0	9	0	7	35	42	—	—	4.5	—	35.7	—
	Campbellpur	000	0	1	00	00	98	02	0	193	63	0	0	9	0	2	45	67	000	0	0	00	00	98	00	0	213	42	0	0	9	0	0	40	39	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	0	4	00	00	99	02	0	163	68	0	0	9	0	8	40	70	000	2	5	00	00	99	02	0	185	43	0	0	9	0	4	38	42	—	—	2.5	—	15.4	11
	D. I. Khan	000	6	0	00	00	98	00	0	172	69	0	0	9	0	0	53	77	000	2	2	00	00	98	01	1	184	46	0	0	9	0	2	42	43	+ 3	+ 1	1.7	+ 1.5	16.6	10
Quetta	Sibi	000	0	0	23	02	99	00	0	171	77	0	0	9	0	0	38	79	000	0	4	36	02	98	03	1	191	52	0	0	9	0	2	41	49	—	—	4.1	—	9.3	5
	Nokkundi	000	0	0	32	02	98	00	0	163	66	0	0	9	0	0	40	68	000	0	0	05	02	98	00	0	213	43	0	0	9	0	0	29	40	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	02	98	00	0	163	81	0	0	9	0	0	53	84	000	0	0	09	02	97	00	0	178	55	0	0	9	0	0	41	xx	—	—	1.6	—	8.9	—
Kalat	Jiwani	000	0	6	11	07	97	02	0	160	76	0	0	9	0	0	48	80	000	0	1	02	03	97	01	0	172	63	1	0	9	3	0	52	60	—	—	1.1	—	3.7	4
	Pasni	000	0	0	11	09	98	00	0	160	75	0	0	9	0	0	72	79	000	0	6	29	03	98	00	0	173	60	4	0	9	0	8	56	58	—	0	+ 3	0.3	− 0.1	13.4	4
	Ormara	000	0	0	13	05	98	00	0	153	77	0	0	9	0	0	61	79	000	0	3	00	00	98	01	0	174	59	3	0	9	0	1	49	55	—	—	2.7	+ 2.7	6.8	6
	Lus Bela	000	0	0	00	00	98	00	0	152	84	0	0	9	0	0	38	86	000	0	0	00	xx	98	00	0	196	62	0	0	9	0	0	42	44	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	13	10	98	02	0	167	77	0	0	9	0	0	64	82	000	0	2	02	09	96	01	1	177	57	0	0	9	0	1	34	55	+ 2	− 6	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	0	09	05	97	02	0	159	78	0	0	9	0	0	33	81	000	0	1	31	03	96	03	0	178	53	0	0	9	0	1	40	48	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	97	00	0	157	75	0	0	9	0	0	41	80	000	0	0	18	02	96	00	0	188	51	0	0	9	0	0	40	44	—	2	− 9	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	157	78	0	0	9	0	0	52	79	000	0	0	34	02	98	00	0	188	62	0	0	9	0	0	60	60	—	—	0	—	39.5	—
	Umarkot	000	0	0	36	03	98	00	0	145	79	0	0	9	0	0	33	81	000	0	2	02	02	98	00	0	173	48	0	0	9	0	2	30	44	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	02	97	00	0	164	75	0	0	9	0	0	47	80	000	0	3	36	03	97	03	0	185	57	0	0	9	0	1	44	53	+ 1	0	0.5	+ 0.5	19.6	7
Khairpur	Padidan	000	0	0	36	02	97	02	0	164	74	0	0	9	0	0	45	76	000	0	4	00	00	96	03	0	187	49	0	0	9	0	4	45	43	—	—	0.3	—	7.9	—
	Mirpur	000	0	0	31	02	97	02	0	164	75	0	0	9	0	0	41	78	000	0	4	00	00	96	03	0	183	48	0	0	9	0	6	44	45	—	—	0.3	—	7.5	—
	Nawabshah	000	0	0	00	00	96	00	0	163	72	0	0	9	0	0	46	76	000	6	6	00	00	96	03	1	182	52	0	0	9	0	8	46	50	—	—	0.8	—	5.3	4
	Sukkur	000	0	0	00	00	99	00	0	165	73	0	0	9	0	0	44	77	000	0	0	00	00	99	00	0	188	58	0	0	9	0	0	38	44	—	—	1.3	—	3.4	—
	Kashmore	000	0	0	31	02	98	02	0	171	77	0	0	9	0	0	43	79	000	0	5	00	00	98	03	0	186	58	0	0	9	0	2	45	50	+ 2	+ 3	0.3	+ 0.2	4.7	4
Junagadh Afghanistan	Veraval																																								20
	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
Kashmir	HILL STATIONS																																								
	Srinagar *																																								24
	Gulmarg **																																								5
	Sonamarg **																																								71
	Drass *																																								28
	Leh **																																								3
	Skardu **																																								4
	Minar **																																								—
	Allahabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree	000	9	7	07	05	98	02	1	523	46	0	0	9	0	8	18	51	000	9	7	11	05	98	02	1	523	44	6	0	9	8	4	11	xx	− 6	×	5.9	+ 4.9	84.4	59
Peshawar	Drosh	000	8	3	13	03	97	01	2	550	49	0	0	9	0	0	19	59	000	0	0	36	05	98	00	0	525	52	0	0	9	0	0	14	49	+ 3	0	4.6	—	35.3	18
	Chitral	000	0	0	36	05	98	00	0	537	52	0	0	9	0	0	20	57	000	0	0	00	00	97	00	0	519	45	0	0	9	0	0	12	42	+ 2	+ 6	6.0	+ 5.3	37.4	29
	Kakul	000	8	3	31	03	96	05	1	529	53	2	0	9	4	1	24	59	000	9	7	36	03	97	01	2	519	45	0	0	9	0	8	25	42	—	—	4.9	—	60.1	—
	Landi Kotal	000	8	5	00	05	98	02	1	533	54	0	0	9	0	4	31	60	000	0	5	00	00	98	02	2	501	32	0	0	9	0	4	22	37	—	—	2.9	—	32.8	—
D. I. Khan	Parachinar	000	8	3	13	02	98	02	0	534	53	3	0	8	5	0	27	62	000	0	3	36	03	98	03	2	527	38	3	0	8	1	0	22	35	+ 5	—	6.0	—	34.0	—
	Miranshah	000	0	3	00	02	99	01	0	522	61	2	0	8	2	0	32	68	000	0	0	00	00	99	00	0	490	41	0	0	9	0	0	25	38	—	—	1.1	+ 1.0	8.1	29
	Wana	000	0	2	18	02	99	03	0	500	59	0	0	9	0	3	21	63	000	0	2	20	03	99	00	0	522	37	0	0	9	0	3	28	31	—	—	1.2	—	15.8	13
Quetta	Fort Sandeman	000	0	0	31	01	98	00	0	515	65	0	0	9	0	0	30	67	000	0	2	00	00	98	01	0	508	38	0	0	9	0	1	32	38	+ 7	+ 4	5.0	+ 4.8	21.0	—
	Hindubagh	000	0	0	25	10	98	00	0	496	55	0	0	9	0	0	25	61	000	0	0	27	02	98	00	0	510	31	0	0	9	0	0	11	30	—	—	0.7	—	17.7	11
	Loralai	000	0	0	13	01	97	01	1	530	59	0	0	9	0	1	21	63	000	0	0	27	03	98	01	1	357	32	0	0	9	1	0	19	31	—	—	3.6	—	16.2	—
	Marwat	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	8	0	0	xx	xx	—	—	5.9	+ 5.5	18.7	—
	Quetta	000	0	2	00	05	02	00	0	523	32	0	0	9	0	2	36	54	000	0	0	00	00	97	00	0	518	37	0	0	9	0	0	30	27	—	—	2.5	+ 1.5	11.9	14
	Chaman	000	0	0	31	02	96	00	0	533	54	0	0	9	0	0	20	57	000	0	0	00	06	97	00	0	518	36	0	0	9	0	0	28	33	—	2	1.5	+ 0.6	7.8	8
	Kalat	000	0	0	36	07	97	00	0	528	53	0	0	9	0	0	34	61	000	0	0	16	10	97	00	0	595	29	0	0	9	0	0	29	33	+ 4	− 4	1.7	+ 1.3	13.6	7
Afghanistan Kalat	Nushki	000	0	0	27	05	98	02	1	584	58	0	0	9	0	1	31	59	000	0	1	00	00	98	03	0	572	49	0	0	9	0	0	28	42	—	—	0.7	—	3.7	9
	Dalbandin	000	2	1	05	05	98	03	0	539	61	0	0	9	0	1	29	62	000	0	2	07	02	97	03	1	589	30	1	0	9	3	1	24	30	—	1	0.6	+ 0.4	3.8	—
	Panjgur	000	0	0	37	02	98	00	0	558	64	0	0	9	0	0	27	65	000	0	0	05	02	98	00	0	515	39	0	0	9	0	0	17	35	—	1	0.1	—	4.2	8
	Kabul *	000	0	2	27	03	99	03	0	547	48	2	1	8	0	0	36	51	000	0	4	08	03	99	03	2	581	39	4	2	8	0	0	30	28	—	—	—	—	—	14
	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 is 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR is 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 9th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_sh_s	O T_s T_s T_dT_d	$I_dd_wd_w$ P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isidora	33 275	516 06	2 34 09	98 03 0	206 72	31 x 04	36 40 4	—	0 55 57	1 34 23
Bernia	33 132	468 06	1 25 03	99 02 0	190 77	01 5 49	56 21 4	—	0 00 66	1 49 x1
Berenice	33 130	460 09	3 12 05	99 03 0	184 81	30 9 09	56 60 6	—	6 98 66	1 18 21
Berenice	33 127	453 12	6 08 03	99 03 1	164 82	62 6 7x	56 72 C	—	0 40 70	1 49 x0
Westerkoren	33 193	652 12	5 03 09	99 03 1	147 77	51 4 00	35 62 0	—	0 52 63	1 04 22
Berenice	33 125	446 15	6 13 05	99 02 2	165 79	62 5 7x	5x 40 1	—	0 54 70	1 18 x1
Albistan	33 248	588 18	0 00 00	99 02 0	181 72	00 9 00	35 20 8	—	0 55 58	1 00 x0
Westerkoren	34 183	666 18	3 04 07	99 02 1	154 77	30 7 30	35 00 0	—	0 52 66	1 04 21
Isidora	33 264	594 18	2 24 05	98 02 0	182 72	30 x 01	26 40 2	—	0 67 63	1 24 20
Galileo Utrech	33 264	563 18	0 25 02	99 02 0	174 72	00 9 00	25 51 4	—	—	1 00 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	014 198 142	126 208 999	..	148 138 999	..	313 035 999	437 008 999	581 580 999	750 702 999	958 825	...	..	..
Jiwani														
Karachi	00 00	013 098 048	132 142 075	..	150 122 600	..	313 090 999	439 015 999	583 580 999	753 695 999	961 835	234 048	—	—
Lahore														
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	—	...	..	..	..	..	..	...	..	300 825 999	—	...
Jiwani													
Karachi	00 00	974 182 025	900 152 612	..	—	—	—	—	—	—	900 152 612	—	—
Lahore													
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

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	29 08	29 06	32 04	..	..	—	—	—	—
Chaklala	..	—	—	—	..	—	—	...	
Chhor	03 07	03 08	13 08	04 05	35 03	30 08	29 12	30 13	29 13
Chittagong	01 03	01 04	36 06	29 13	28 14	.	—	—	..
Cox's Bazar	35 06	34 09	29 10	29 13		—	—	—	—
Dacca	28 07	29 07	29 06	28 09	27 14	28 21	28 25	27 37	
Dalbandin	—	—	09 09	05 09	01 08	24 08	25 09	27 14	26 12
D. I. Khan	..	—	—	—	—	—	..	..	.
Drosh	—	—	...	—	08 03	36 14	01 13	03 18	01 38
Fort Sandeman	—	—	—	29 03	30 04	29 11	36 13	28 27	29 37
Jacobabad	34 01	08 01	14 01	23 04	28 07	29 10	29 10	33 01	29 27
Jessore	28 08	31 09	32 12	31 11	27 11	28 09	—	—	—
Jhelum	28 01	31 04	32 07	35 05	08 13	35 03	29 10	28 22	28 29
Jiwani	11 05	07 09	07 08	06 03	31 02	32 04	31 10	30 10	29 11
Karachi	10 10	06 10	06 10	05 08	03 04	07 02	29 04	29 10	36 13
Khanpur	15 02	07 01	04 02	11 04	33 12	31 25	31 31	—	
Lahore	35 03	34 03	34 03	27 01	35 04	36 10	31 12	30 20	29 34
Multan	36 02	03 01	03 02	35 04	29 05	31 11	28 13	28 20	30 29
[illegible]	—	—	—	—	—	—	..	.	—
Panjgur	—	—	...	—	—	—	—	..	..
Peshawar	...	34 04	29 05	29 09	28 06	31 06	31 08	28 10	27 12
Quetta	...	—	—	—	30 03	27 06	27 15	29 18	29 21
Sharjah	—	...	—	...	—	—	—	..	...
Sylhet	28 13	26 07	17 03	15 05	26 10	26 24	—	—	..
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	34 17	34 08	36 04	25 10	28 17	29 25
Chaklala	—	—	..		—	—
Chhor	07 17	07 17	12 06	06 03	29 02	20 03
Chittagong	35 16	36 11	01 06	30 03	31 07	27 17
Cox's Bazar	35 15	36 10	32 07	27 08	27 11	29 14
Dacca	36 11	35 09	35 06	29 12	28 19	24 27
Dalbandin	—	—	07 05	17 03	20 13	24 19
D. I. Khan	—	—	—		—	—
Drosh	—	..	—	14 01	12 01	01 12
Fort Sandeman	—	—	..	21 01	17 04	24 11
Jacobabad	09 03	20 06	15 24	21 05	27 05	24 18
Jessore	01 12	01 06	01 04	30 14	29 18	27 22
Jhelum	33 07	29 08	29 05	31 03	33 01	23 05
Jiwani	06 04	13 07	13 07	14 06	28 08	25 06
Karachi	07 14	08 12	12 06	07 05	26 06	03 04
Khanpur	08 13	10 11	11 06	02 02	09 02	06 12
Lahore	34 05	23 06	35 05	34 08	33 06	19 03
Multan	30 03	31 03	05 01	29 02	27 06	24 09
[illegible]	—	—	—	—	—	..
Panjgur	—	—				
Peshawar	..	29 05	35 08	32 04	33 07	01 17
Quetta	—	—	—	—	20 06	23 11
Sharjah	—	—				
Sylhet	10 08	11 05	14 05	18 05	26 18	27 27
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	9.7
	At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	33 06	33 07	36 07	31 09	27 17	29 24	—	..	—	..	—
Chaklala	—	..	—	—	..	—	..	..	..	..	—
Chhor	..	—	..	—	—	—	..			—	..
Chittagong	35 06	xx xx	xx xx	33 04	33 13	27 18	28 24	28 23	29 30	—	—
Cox's Bazar	35 10	32 06	32 06	33 06	31 12	29 16	27 23	28 29	29 36	26 35	
Dacca	34 08	33 12	32 08	26 13	27 33	28 33	28 38	24 37	28 47	29 58	28 81
Dalbandin	..	—	08 07	19 05	45 13	25 26	26 35	26 43	26 46	26 48	26 56
D. I. Khan	—	..	—	—	..		—	—	..	..	..
Drosh	—	..	—	..	03 05	02 21	..				
Fort Sandeman	..	—	--	24 02	18 11	23 15	24 31	25 42	25 49	26 78	26 95
Jacobabad	14 03	17 03	19 05	20 07	20 10	24 17	26 29	—	..	—	..
Jessore	34 05	33 05	30 17	29 24	29 27	—	—	—	—	..	—
Jhelum	34 01	26 03	18 03	17 04	15 03	19 12	—		—	—	
Jiwani	09 05	12 07	12 07	25 06	29 08	26 12	26 23	26 26	26 28	28 36	26 35
Karachi	07 12	08 08	08 07	04 07	25 11	24 09	25 20	27 17	27 19	28 19	—
Khanpur	15 06	12 45	11 02	23 03	28 05	25 18	26 27	25 40	—		
Lahore	32 04	29 05	31 06	03 08	07 03	23 09	24 11	27 26	27 31	26 45	26 57
Multan	18 05	21 07	21 06	19 05	22 11	23 21	—	..	..	—	—
[illegible]	—	—	—	—	..	—	—	—	—	..	—
Panjgur	—	—	—	—	---	—	..	—	—	---	—
Peshawar	—	—	—	—		..		..		..	—
Quetta	—	—	—	..	19 13	22 20	26 41	26 45	26 49	26 55	—
Sharjah	..	—	—	—						..	..
Sylhet	14 03	14 04	16 05	24 04	27 14	28 22	28 37	28 35	—	—	—
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. a.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 18	36 15	35 08	30 10	29 21	27 35	27 39	28 37	29 47	28 51	27 69	27 91	77 28	—	—	—	—	—
Karachi	04 97	09 06	15 05	18 03	20 02	24 04	26 08	26 14	28 16	28 18	26 16	28 23	27 21	27 42	..	—	—	—
Peshawar	Miads	..	—	—	..	..	..	—	...	—	—	—	—	..	—	—	—	—
Quetta																		

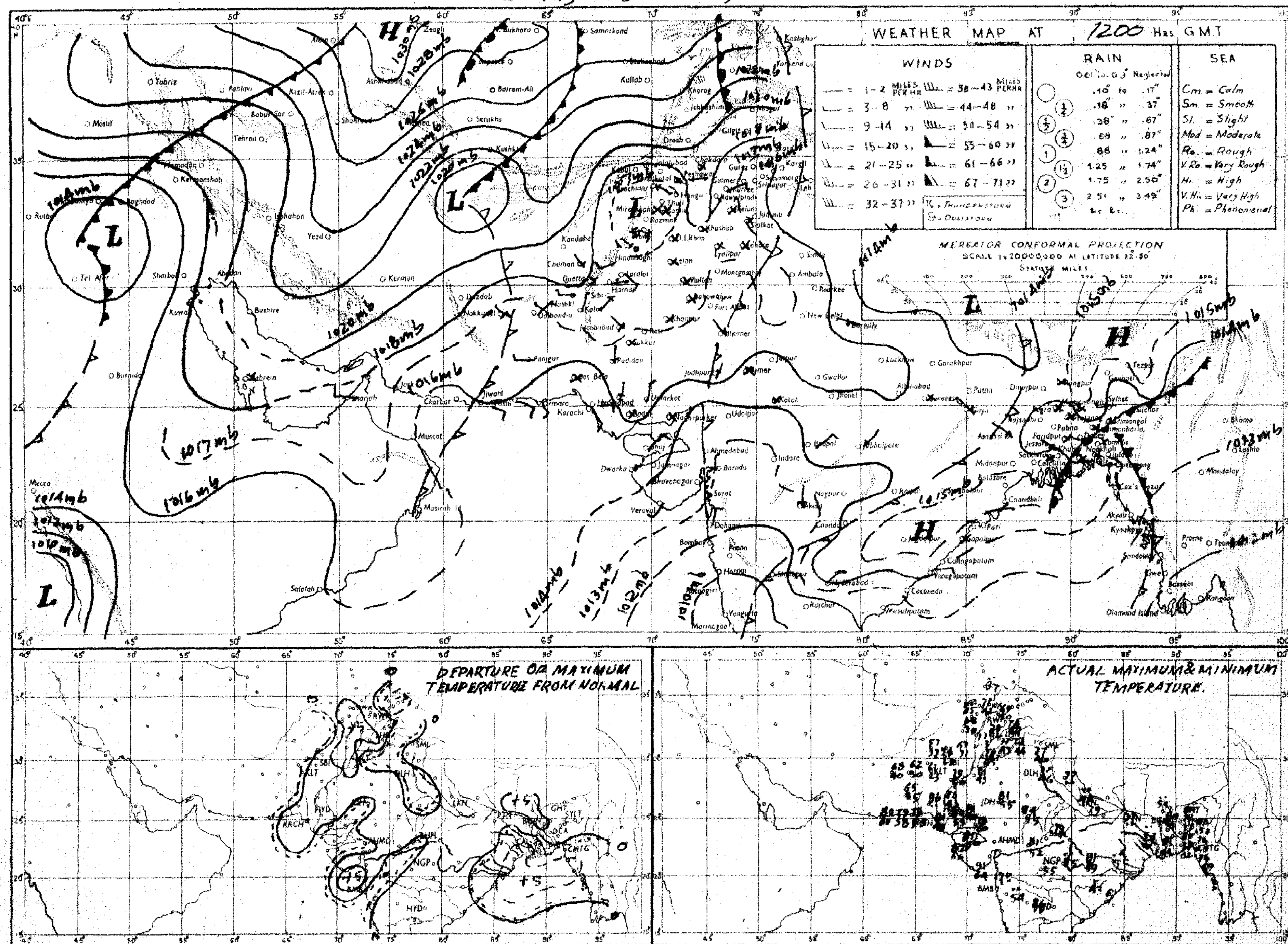
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 8th DECEMBER, 1959



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

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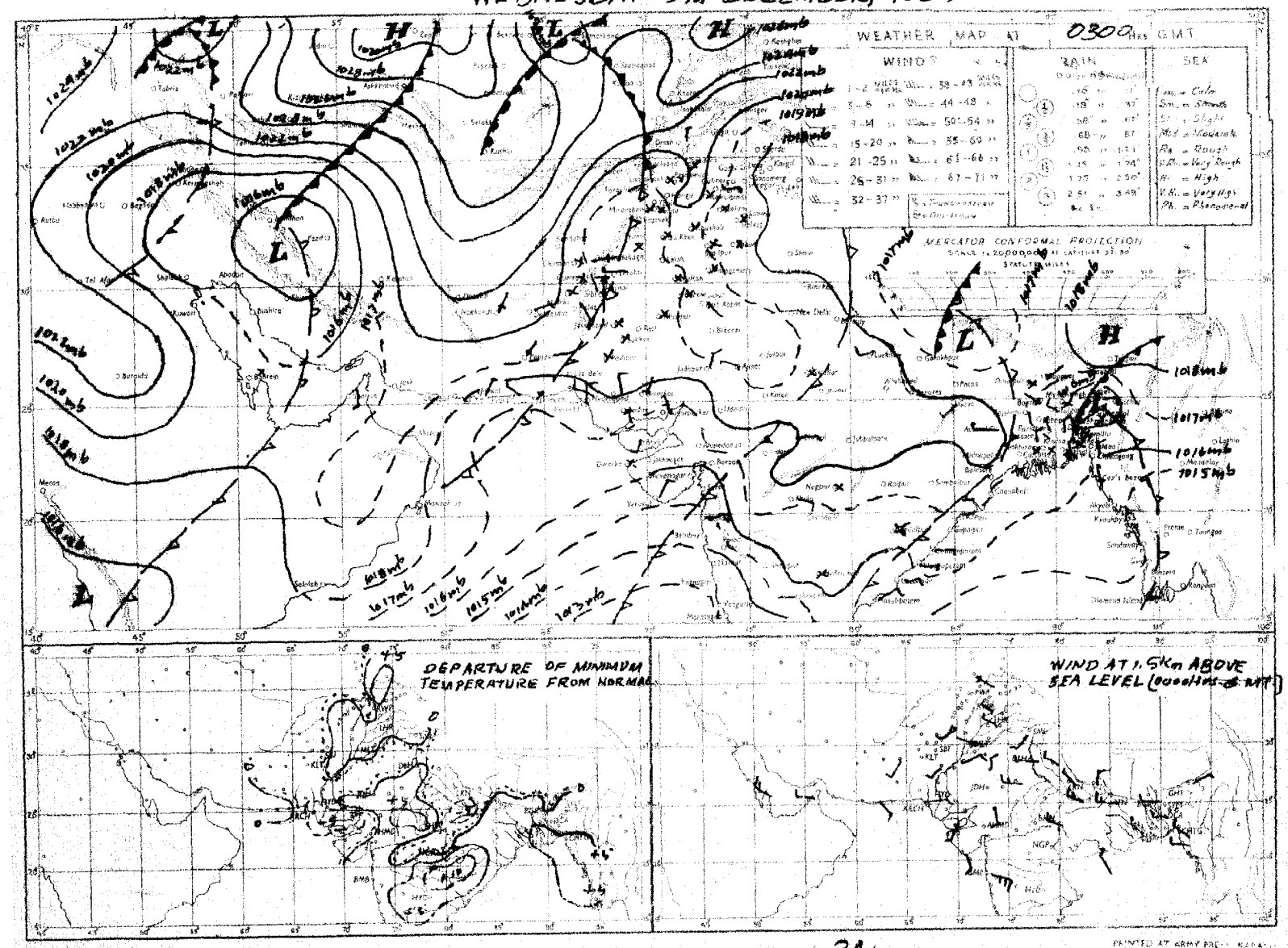
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 9th DECEMBER, 1959,



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 10th DECEMBER, 1959.

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

Yesterday's western disturbance north of Afghanistan is moving across east Russian Turkistan with its trough extending to Peshawar division.

The western disturbance over south Iran has moved to east Iran with its trough extending to Oman.

Weather remained dry over the country.

Night temperatures were 3—8°F below normal in the Federal Capital Area and in Kalat division outside coast.

Forecast valid until the evening of 11th December, 1959. Scattered rain/snow will fall in Peshawar and Rawalpindi divisions and Kashmir. A few falls of light rain/drizzle are also expected in Kalat, Quetta and D. I. Khan divisions.

Karachi-11
The 10th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

Division	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature of (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	34	03	94	01	0	124	74	0	0	9	0	6	68	81
	Chittagong	000	0	0	34	05	xx	00	1	128	72	9	0	9	0	0	64	80
	Maijdee Court	000	9	5	36	02	xx	00	0	133	72	9	x	9	x	x	66	78
	Comilla	000	0	0	00	00	94	00	0	124	74	0	0	9	0	0	63	81
	Brahmanberia	000	0	0	00	00	xx	00	1	144	70	0	0	9	0	0	62	81
	Sylhet	000	0	0	27	02	xx	01	0	124	69	0	0	9	0	0	68	81
	Srimangal	000	0	0	00	00	xx	00	0	133	67	0	0	9	0	0	62	80
Dacca	Mymensingh	000	0	0	00	00	97	00	0	134	74	0	0	9	0	0	61	80
	Narayanganj	000	0	0	31	02	xx	05	0	134	71	0	0	9	0	0	57	81
	Dacca (Tejgaon)	000	0	0	31	05	97	02	0	127	66	0	0	9	0	0	53	77
	Faridpur	000	0	0	00	00	95	05	0	131	68	0	0	9	0	0	61	77
	Barisal	000	0	0	00	00	96	02	1	129	75	0	0	9	0	0	62	xx
Rajshahi	Khulna	000	0	0	00	00	96	00	0	141	74	0	0	9	0	0	61	80
	Satkhira	000	0	0	00	00	98	00	0	139	71	0	0	9	0	0	61	83
	Jessore	000	0	0	06	02	97	00	0	142	76	0	0	9	0	0	59	80
	Sirajganj	000	0	0	00	00	96	00	0	119	67	0	0	9	0	0	67	xx
	Bogra	000	0	0	27	02	xx	02	0	136	70	0	0	9	0	0	66	79
	Dinajpur	000	0	0	00	00	xx	00	0	133	70	0	0	9	0	0	58	80
	Rangpur	000	0	0	00	00	96	01	0	xxx	72	0	0	9	0	0	60	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	5	00	00	96	02	1	151	66	0	0	9	0	6	48	72
	Sialkot	000	0	1	00	00	97	00	0	164	64	0	0	9	0	3	51	71
Rawalpindi	Jhelum	000	8	1	00	00	96	01	1	144	63	0	0	9	0	1	47	72
	Rawalpindi	000	0	0	00	00	99	00	0	154	59	0	0	9	0	0	48	70
	Khushab	000	0	0	00	00	99	00	0	151	65	0	0	9	0	0	52	72
Multan	Lyallpur	000	0	0	00	00	95	00	0	146	67	0	0	9	0	0	44	76
	Montgomery	000	0	0	00	00	96	00	0	152	71	0	0	9	0	0	52	75
	Multan	000	3	4	00	00	96	03	4	148	69	0	0	9	0	2	53	75
Bahawalpur	Leiah	000	0	2	11	09	57	05	1	142	73	0	0	9	0	4	36	73
	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	8	00	00	97	03	2	124	71	0	0	9	2	0	50	77
	Fort Abbas	000	0	0	34	02	98	00	0	148	71	0	0	9	0	0	49	78
Peshawar	Chakdara	000	0	0	00	00	96	00	0	168	59	0	0	9	0	0	37	43
	Peshawar	000	0	0	00	00	96	00	0	158	60	0	0	9	0	0	44	67
	Kohat	000	0	0	23	02	97	00	0	123	66	0	0	9	0	0	47	72
	Campbellpur	000	0	0	05	02	98	00	0	167	63	0	0	9	0	0	37	70
D. I. Khan	Bannu	000	0	0	16	01	90	00	0	133	67	0	0	9	0	0	39	70
	D. I. Khan	000	6	0	00	00	98	00	0	145	67	0	0	9	0	0	51	75
Quetta	Sibi	000	0	0	18	02	99	00	0	150	72	0	0	9	0	0	39	76
	Nokkundi	000	0	0	13	02	99	00	0	141	67	0	0	9	0	0	36	71
	Turbat	000	0	0	23	02	99	00	0	145	70	0	0	9	0	0	41	81
	Jiwani	000	0	5	20	03	97	03	2	141	75	5	5	5	0	0	56	77
	Panjgur	000	0	1	16	07	98	00	0	142	76	0	0	9	0	0	54	77
	Ormara	000	0	0	31	03	98	00	0	137	76	0	0	9	0	0	57	81
	Las Bela	000	0	0	00	00	98	00	0	14	81	0	0	9	0	0	46	84
Kalat	Karachi (Manora)	000	0	0	16	10	97	02	0	144	78	0	0	9	0	0	66	81
	Karachi (Air Port)	000	0	1	13	02	97	02	0	134	78	0	0	9	0	1	35	81
	Badin	000	0	0	23	03	97	00	0	136	80	0	0	9	0	0	41	84
	Nagarparkar	000	0	0	00	00	98	00	0	115	77	0	0	9	0	0	53	78
	Umarkot	000	0	2	29	03	98	00	0	121	79	0	0	9	0	1	42	82
	Hyderabad	000	0	0	36	02	97	01	0	143	75	0	0	9	0	0	46	79
Khairpur	Padidan	000	0	1	00	00	97	01	0	140	75	0	0	9	0	1	38	78
	Nawabshah	000	0	2	00	00	97	01	2	140	75	0	0	9	0	1	38	78
	Sukkur	000	8	6	09	02	96	03	2	138	72	0	0	9	0	8	37	80
	Kashmore	000	0	6	xx	00	99	00	0	142	69	6	1	6	0	0	40	76
	Jacobabad	000	0	4	00	00	98	02	2	144	71	0	0	9	0	1	45	74
Junagadh-Afghanistan	Veraval																	
	Jiniabad																	
Arabia	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Minar **																	
	Aliabad **																	
	Gilgit **																	
Rawalpindi	Murree *	000	9	0	13	02	98	00	1	504	44	0	0	9	0	0	27	50
Peshawar	Drosh *	000	8	2	00	00	97	00	2	511	58	2	0	9	5	0	20	58
	Chitral *	000	0	0	13	01	98	00	0	515	55	0	0	9	0	0	34	65
	Kakul *	000	3	0	29	05	99	00	2	506	54	0	0	9	0	0	34	61
	Saidu Sharif *	000	0	0	00	00	99	00	1	495	53	0	0	9	0	0	29	59
	Parachinar *	000	0	0	13	03	99	00	0	538	52	0	0	9	0	0	25	60
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	490	58	0	0	9	0	0	27	65
	Wana *	000	0	0	16	07	99	00	0	480	58	0	0	9	0	0	12	63
Quetta	Fort Sandeman *	000	0	0	23	01	98	00	0	515	63	0	0	9	0	0	34	64
	Hindubagh *	000	0	0	25	11	96	00	0	475	54	0	0	9	0	0	27	60
	Loralai *	000	0	3	09	02	97	01	1	369	56	0	0	8	0	0	23	59
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *																	
Kalat	Chaman *	000	0	0	27	02	98	00	0	502	58	0	0	9	0	0	12	60
	Kalat *	000	0	0	27	02	98	00	0	563	50	0	0	9	0	0	23	59
	Nushki *	000	0	1	31	02	98	02	0	586	61	1	0	9	0	1	26	64
	Dalbandin *	000	0	1	31	02	98	03	0	565	46	0	0	9	0	1	30	65
Afghanistan	Panjgur *	000	0	0	23	03	98	00	0	440	67	0	0	9	0	0	29	67
	Kabul *																	
	Kandahar *																	

Division	Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of 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 (TaTa)	Departure from Normal of: Maximum Temperature (TxTa)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0		02	03	97	01	0	156	72	0	0	9	0	2	59	65	0	+ 5	0.4	— 3.2	141.5	142
	Chittagong	000	0	0	36	05	96	00	0	167	71	0	0	9	0	0	60	58	+ 1	— 1	1.4	— 1.1	143.3	108
	Maijdee Court	000	6	0	00	00	98	00	4	163	63	0	0	9	0	0	62	59	— 1	— 1	0	— 1.8	144.7	115
	Comilla	000	0	0	00	00	97	00	0	163	70	0	0	9	0	0	62	60	+ 1	+ 4	0.1	— 1.4	107.8	84
	Brahmanberia	000	0	0	00	00	97	00	0	168	72	0	0	9	0	0	62	59	—	—	0	— 1.3	87.7	75
	Sylhet	000	0	0	00	00	97	02	0	163	69	0	0	9	0	0	61	58	—	—	0	—	193.9	—
	Srimangal	000	5	0	00	00	96	00	4	158	66	0	0	9	0	0	61	51	— 2	+ 1	0	— 1.5	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	176	63	0	0	9	0	0	58	58	+ 2	+ 1	0	— 0.9	113.3	91
	Narayanganj	000	0	0	34	02	96	05	0	163	71	0	0	9	0	0	57	59	+ 2	0	0	— 1.0	103.9	74
	Dacca (Tejgaon)	000	9	0	36	05	97	02	0	163	67	0	0	9	0	0	57	54	—	—	0	—	103.6	—
	Faridpur	000	9	0	34	02	95	10	0	177	67	0	0	9	0	0	57	56	0	— 1	0	— 1.2	116.6	77
	Barisal	000	0	0	05	01	96	02	1	168	65	0	0	9	0	0	56	56	x	— 1	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	96	00	0	177	70	0	0	9	0	0	53	59	—	—	0	— 1.2	102.9	69
	Satkhira	000	0	0	00	00	98	00	0	179	69	0	0	9	0	0	51	57	—	+ 3	0	— 1.8	87.1	65
	Jessore	000	0	0	36	02	97	00	0	173	66	0	0	9	0	0	53	52	—	—	0	— 1.0	105.8	65
	Sirajganj	000	0	0	31	02	98	00	0	161	70	0	0	9	0	0	57	51	x	0	0	— 0.7	107.7	64
	Bogra	000	0	0	00	00	96	02	0	170	66	0	0	9	0	0	53	57	+ 2	+ 2	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	172	67	0	0	9	0	0	60	54	+ 2	+ 1	0	— 0.4	65.9	72
	Rangpur	000	0	0	05	02	96	01	0	xxx	65	0	0	9	0	0	59	56	+ 3	+ 3	0	— 0.6	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	95	10	0	194	47	0	0	9	0	2	43	42	— 3	+ 1	1.1	+ 1.0	27.1	19
	Sialkot	000	0	0	00	00	97	00	0	192	49	0	0	9	0	0	45	46	— 1	+ 3	3.1	+ 2.8	61.9	32
Rawalpindi	Jhelum	000	0	3	00	00	95	10	0	197	44	0	0	9	0	0	42	41	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	3	00	00	98	03	0	211	40	0	0	9	0	0	39	38	+ 1	0	3.6	+ 3.1	59.9	26
	Khushab	000	0	0	00	00	99	00	0	195	46	0	0	9	0	0	39	41	— 2	— 2	1.1	+ 1.0	23.5	15
Multan	Lyallpur	000	0	5	07	02	95	02	0	204	43	0	0	9	0	0	42	42	+ 11	0	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	203	43	0	0	9	0	0	42	41	0	— 4	0.1	0	8.5	10
	Multan	000	2	3	00	00	95	42	4	194	50	0	0	9	0	2	41	45	+ 1	+ 1	0.1	0	9.3	7
Bahawalpur	Leiah	000	7	0	00	00	97	04	2	196	43	0	0	9	0	7	39	39	—	—	2.5	—	7.0	8
	Khanpur	000	0	1	05	02	96	03	2	191	50	0	0	9	0	1	39	45	—	0	0	— 0.1	5.4	6
	Bahawalpur	000	0	2	09	02	98	03	2	193	56	2	0	9	1	0	39	45	+ 2	0	0.1	+ 0.1	8.6	6
	Fort Abbas	000	0	0	07	02	98	00	0	197	51	0	0	9	0	0	42	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	6	00	00	96	03	0	212	37	6	0	8	4	0	32	35	—	—	5.6	—	32.1	—
	Peshawar	000	0	0	00	00	96	05	1	213	43	0	0	9	0	1	36	41	— 2	— 1	5.0	+ 4.5	38.5	14
	Kohat	000	3	4	23	04	97	03	1	184	44	0	0	9	0	6	32	40	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	05	02	98	00	0	240	40	0	0	9	0	0	38	36	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	2	3	31	01	99	01	0	184	43	0	0	9	0	4	38	42	—	—	2.5	—	15.4	11
	D. I. Khan	000	3	4	00	00	98	01	1	187	50	0	0	9	0	4	42	42	+ 1	0	1.7	+ 1.5	16.6	10
Quetta	Sibi	000	0	0	00	00	99	00	0	188	49	0	0	9	0	0	36	47	—	—	4.1	—	9.3	5
	Nokkundi	000	0	0	34	02	98	00	0	210	42	0	0	9	0	0	26	39	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	02	97	00	0	175	58	0	0	9	0	0	46	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	4	36	03	97	03	0	157	64	1	5	9	0	1	51	60	—	—	1.1	—	9.7	4
	Panjgur	000	0	5	29	02	98	03	0	161	59	1	2	7	0	8	53	57	— 2	+ 2	0.3	— 0.1	13.4	6
	Ormara	000	0	0	00	00	98	00	0	155	59	1	0	9	0	0	53	56	—	—	2.7	+ 2.7	6.8	6
	Las Bela	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8
Kalat	Karachi (Manora)	000	0	0	02	09	95	02	0	164	55	0	0	9	0	0	34	53	+ 1	— 8	1.4	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	1	36	03	97	03	0	164	52	0	0	9	0	2	36	46	—	—	3.3	—	24.1	—
	Badin	000	0	0	13	01	96	00	0	160	52	0	0	9	0	0	42	50	+ 2	— 3	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	145	64	0	0	9	0	0	51	60	—	—	0	—	30.5	—
	Umarkot	000	0	0	05	02	98	00	0	150	51	0	0	9	0	0	37	48	—	—	0.5	—	20.8	—
	Hyderabad	000	0	1	36	03	97	03	0	164	53	0	0	9	0	1	39	51	— 1	— 2	0.5	+ 0.5	39.6	7
Khairpur	Padidan	000	0	1	34	03	96	01	0	176	46	0	0	9	0	1	41	41	—	—	0.3	—	7.9	—
	Nawabshah	000	0	1	00	00	97	03	0	177	45	0	0	9	0	1	39	42	—	—	0.3	—	7.5	—
	Sukkur	000	9	0	16	03	96	00	1	180	53	0	0	9	0	0	42	50	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	05	03	99	00	0	188	55	0	0	9	0	0	35	44	—	—	1.3	—	3.4	—
	Jacobabad	000	0	1	00	00	98	02	0	182	51	0	0	9	0	1	43	48	— 3	+ 1	0.3	+ 0.2	4.7	4
Junagadh-Afghanistan	Veraval																							20
	Jiniabad																							—
Arabia	Muscat																							4
	Kuwait																							—
Kashmir	HILL STATIONS																							
	Srinagar **																							26
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							4
	Skardu **																							—
	Minar **																							—
	Aliabad **																							—
	Gilgit **																							—
Rawalpindi	Murree *	000	2	6	16	05	97	02	1	528	41	4	0	9	8	4	10	37	— 7	+ 1	5.9	+ 4.9	84.4	5
Peshawar	Drosh *	000	0	2	00	00	97	03	0	552	36	0	0	9	0	2	21	35	+ 4	— 2	4.6	—	35.3	59
	Chitral *	000	0	0	05	03	98	00	0	537	48	0	0	9	0	0	16	40	+ 8	— 3	6.0	+ 5.3	37.4	18
	Kakul *	000	9	6	31	05	96	04	1	522	43	0	0	9	0	8	24	41	—	—	4.9	—	60.1	29
	Saidu Sharif *	000	0	2	00	00	99	02	0	507	35	0	0	9	0	4	23	33	—	—	3.9	—	38.8	—
D. I. Khan	Parachinar *	000	0	0	36	02	98	00	0	534	34	0	0	9	0	0	23	34	—	—	6.0	—	34.0	—
	Miranshah *	000	0	4	00	00	99	02	0	497	39	4	0	8	4	0	25	36	—	—	1.1	+ 1.0	8.1	29
	Wana *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	13
Quetta	Fort Sandeman *	000	0	0	00	00	98	01	0	527	38	0	0	9	0	1	38	37	+ 4	+ 3	5.9	+ 4.8	21.0	—
	Hindubagh *	000	0	0	25	05	98	00	0	527	29	0	0	9	0	0	18	28	—	—	4.7	—	17.7	11
	Loralai *	000	0	5	27	03	96	01	1	354	32	2	3	7	0	1	21	31	—	—	3.6	—	18.2	—
	Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.5	18.7	14
	Quetta *																							7
Kalat	Chaman *	000	0	0	18	02	97	00	0	506	37	0	0	9	0	0	21	36	+ 1	— 1	1.5	+ 0.6	7.0	8
	Kalat *	000	0	0	18	12	98	00	0	564	29	0	0	9	0	0	29	35	+ 2	— 2	1.7	+ 1.2	13.6	9
	Nushki *	000	0	1	31	05	98	02	0	569	45	0	0	9	0	1	25	43	—	—	0.7	—	3.7	—
	Dalbandin *	000	0	1	05	02	98	03	0	584	35	0	0	9	0	1	25	32	+ 2	— 2	0.6	+ 0.4	3.8	3
Afghanistan	Panjgur *	000	0	0	05	03	98	00	0	496	39	0	0	9	0	0	22	36	+ 1	— 3	0.1	—	4.2	14
	Kabul *																							—
	Kandahar *																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 10th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_s	O T_s T_s T_d T_d	$I_dI_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erasi	43 183	574 00	3 03 12	98 01 1	137 73	37 5 00	15 71 3	—	0 56 68	1 03 33
Albistan	43 233	611 06	0 00 00	99 02 0	186 73	00 9 00	35 11 0	—	0 55 42	1 00 x0
Mordrecht	43 208	593 06	1 30 07	98 02 0	097 55	11 5 00	—	—	0 53 82	1 30 21
Baranica	43 152	420 06	0 15 10	99 02 0	180 82	00 9 00	06 22 5	—	0 00 70	1 15 22
Amira	43 161	680 06	0 02 18	99 02 0	130 84	00 9 00	16 00 0	—	0 00 60	1 02 24
Isalara	43 250	577 06	1 35 04	99 02 0	180 75	21 x 03	36 40 1	—	0 55 55	1 35 20
Erasi	43 192	582 06	1 36 08	99 02 0	160 75	13 8 00	15 11 2	—	0 54 64	1 36 21
Arbistan	44 227	621 12	0 03 00	99 02 0	141 74	00 9 00	35 61 5	—	0 54 63	1 00 x0
Anwarbaksh	43 196	698 12	0 09 09	98 02 0	102 77		—	—		
Baranica	43 164	412 12	0 28 06	99 02 0	150 79	00 9 00	..	—	0 54 73	1 99 x0
Mordrecht	43 221	599 42	0 02 03	98 02 0	141 75	00 9 00	—	—	0 54 56	1 02 20
Erasi	43 202	593 12	0 00 00	99 02 0	132 77	00 9 00	25 61 3	—	0 51 63	1 00 x0
Albistan	43 225	633 18	7 00 00	99 03 0	157 73	00 9 70	35 11 0	—	0 55 63	1 00 x0
Iqbalbaksh	43 146	724 18	0 32 13	98 xx 0	xxx 81	—	—	—	—	—
Mordrecht	43 233	591 18	0 00 00	98 02 0	161 72	00 9 00	..	—	0 54 52	1 00 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	013 192 122	107 182 115	..	148 122 038	..	312 095 999	439 035 999	584 555 999	754 715 999	950 845	...	..	..
Jiwani														
Karachi	00 00	012 098 018	124 108 999	..	146 122 999	..	312 082 999	437 015 999	521 502 999	750 708 999	..	—	—	—
Lahore														
Multan														
Peshawar	00 00	975 062 042	—	...	147 072 008	...	307 018 575	430 555 662	571 628 999	738 712 999	944 842	218 005	—	
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	990 142 082	...	..	..	..	..	..	—	..	990 142 082	—	
Jiwani													
Karachi	00 00	—	—	..	—	—	—	—	—	—	750 708 999	—	
Lahore													
Multan													
Peshawar	00 00	900 078 045	800 052 532	350 878 999	250 918 999	..	—	..	..	—	250 918 999	..	—
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	29 10	30 07	32 06	01 09	..	...			
Chaklala		27 04	02 03	30 01	18 06	19 12	22 15	24 23	28 39
Chhor	29 05	01 05	10 04	18 09	22 12	25 16	—	..	..
Chittagong	34 15	36 11	01 09	32 06	31 15	30 23	—	—	—
Cox's Bazar	34 19	36 12	02 12	01 09	33 18	30 19			—
Dacca	31 12	31 11	30 08	31 14	29 17	29 16	28 29	29 29	30 29
Dalbandin	—	—	08 C1	27 03	29 16	26 14	24 24	25 37	25 42
D. I. Khan	..	—	—						
Drosh	—	—	...		03 03	03 05	02 05	16 03	19 13
Fort Sandeman	—			25 06	30 05	25 14	25 27	26 35	26 43
Jacobabad	14 04	13 04	21 06	23 09	24 15	26 23	26 23	26 37	26 33
Jessore	32 10	33 09	35 07	33 17	28 26	29 14	30 16		
Jhelum	25 02	28 03	25 01	30 03	15 06	21 10	23 16	24 23	25 27
Jiwani	05 08	17 04		..		—	—	...	—
Karachi	08 03	03 03	36 05	27 04	27 08	24 12	24 12	27 11	27 16
Khanpur	07 01	06 02	15 02	19 05	22 10	25 19	25 25	26 25	—
Lahore	32 04	31 04	33 05	01 02	25 03	24 07	23 15	24 24	24 31
Multan	19 08	19 08	19 08	20 07	22 12	24 25	20 30	26 34	26 40
Muscat	—	—	—	—	—	—	—		—
Panjgur	—	—							
Peshawar	—	04 02	12 02	17 09	17 05	20 03	22 10	24 26	24 32
Quetta	...	—	...	—	26 09	24 12	25 32	26 47	26 49
Sharjah		—		—			—	..	...
Sylhet	24 08	20 05	16 03	22 04	32 01	28 21	...	—	..
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	35 21	36 10	03 10	18 09	33 05	28 21
Chaklala	—	06 06	05 01	09 02	08 02	—
Chhor	08 06	33 05	22 05	22 10	22 07	24 14
Chittagong	35 12	35 09	23 04	25 21	28 13	31 10
Cox's Bazar	35 15	36 08	01 08	30 08	29 07	29 13
Dacca	29 18	29 25	03 22	36 11	32 12	30 19
Dalbandin	—	—	08 12	09 11	26 06	28 13
D. I. Khan	—	—	—			
Drosh	—	..	—	13 04	15 08	17 07
Fort Sandeman	...	—	..	05 05	32 09	22 12
Jacobabad	05 02	24 03	23 04	23 07	27 06	25 21
Jessore	34 09	36 05	03 07	31 12	27 06	—
Jhelum	35 02	02 02	09 03	35 05	33 07	30 10
Jiwani	29 03	20 04	19 04	32 05	35 06	26 15
Karachi	04 06	04 08	07 10	08 02	23 08	26 17
Khanpur	08 07	11 07	12 07	12 07	12 05	08 08
Lahore	05 C6	02 04	36 06	34 08	32 05	21 17
Multan	16 05	18 05	20 07	21 06	23 09	26 12
Muscat	...	—		—	—	
Panjgur	—					
Peshawar	..	08 02	34 03	01 03	36 01	23 05
Quetta	—	—	—	—	28 02	27 06
Sharjah	—	—				
Sylhet	07 06	09 11	09 08	07 10	28 04	28 22
Veraval	—	—	—			—

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.7
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	34 07	xx xx	04 05	11 06	30 10	27 19	28 20	26 23	23 32	..	...
Chaklala	—		—	—	..	—	..	...	..	..	—
Chhor	..		..		—	—				—	
Chittagong	35 05	34 04	26 09	25 24	24 17	28 05	31 09	27 10	22 08	19 13	26 30
Cox's Bazar	36 08	32 07	28 05	26 07	28 16	35 04	31 03	18 03	17 10	25 12	27 32
Dacca	35 02	36 04	36 06	31 05	28 08	28 15	28 19	23 17	25 13	22 23	26 24
Dalbandin	..	—	06 08	12 06	04 03	25 06	25 34	25 37	25 44	15 50	26 49
D. I. Khan	—	..	—	—	—	—	—	—		..	—
Drosh	—		—	..			..				..
Fort Sandeman	..			06 01	05 03	22 09	25 40	26 44	26 44	26 52	..
Jacobabad	08 03	07 03	09 02	17 02	15 07	24 17	25 30	25 27	25 33	—	..
Jessore										..	—
Jhelum	31 01	05 01	13 02	03 04	14 03	18 10	23 21	25 33	27 40	—	
Jiwani	10 03	18 06	17 10	18 05	15 04	25 15	24 30	24 27			
Karachi	04 13	04 10	06 12	12 09	19 06	20 08	24 16	25 20	24 29	25 32	28 52
Khanpur											
Lahore	07 01	09 04	02 06	34 08	19 03	21 15	25 27	25 42	25 46	27 51	26 58
Multan	07 02	03 03	04 03	22 03	22 06	24 20	25 31	26 31	26 31	—	—
Muscat	—	—	---	—		---	---	—	—	..	...
Panjgur	—	—	—	—	...	—	..	---	---	—	...
Peshawar	—	----	—	—				..	..	..	..
Quetta	..	—	---	—	13 04	15 08	12 23	—	—	—	...
Sharjah					—			..	—	..	—
Sylhet	09 22	05 03	08 08	09 04	21 04	27 17	29 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. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	19 17	29 18	29 25	01 22	36 11	32 12	30 19	29 23	27 17	26 18	27 19	28 55	26 82	75 82	—	—	—	—
Karachi	02 07	03 09	05 09	05 08	21 05	23 10	23 11	25 21	25 23	25 28	25 40		—	—	—	—	—	—
Peshawar	Misda	..	—	—	—		..	—	...	—	—	—	—					
Quetta																		

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

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

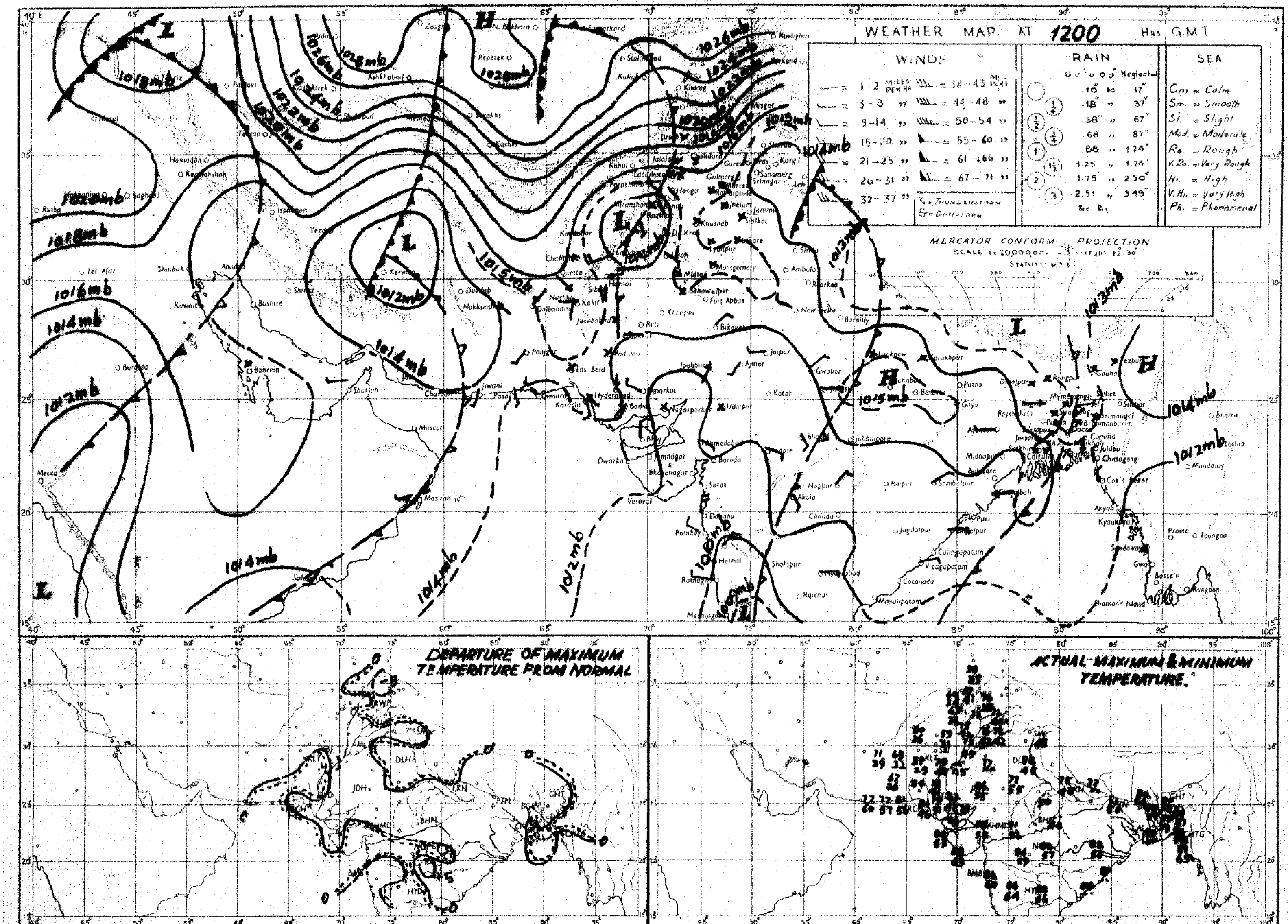
05 712 02 642 05 675 02 7xx

05 715 02 727 05 590 02 720

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI-21

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 9th DECEMBER, 1959.



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

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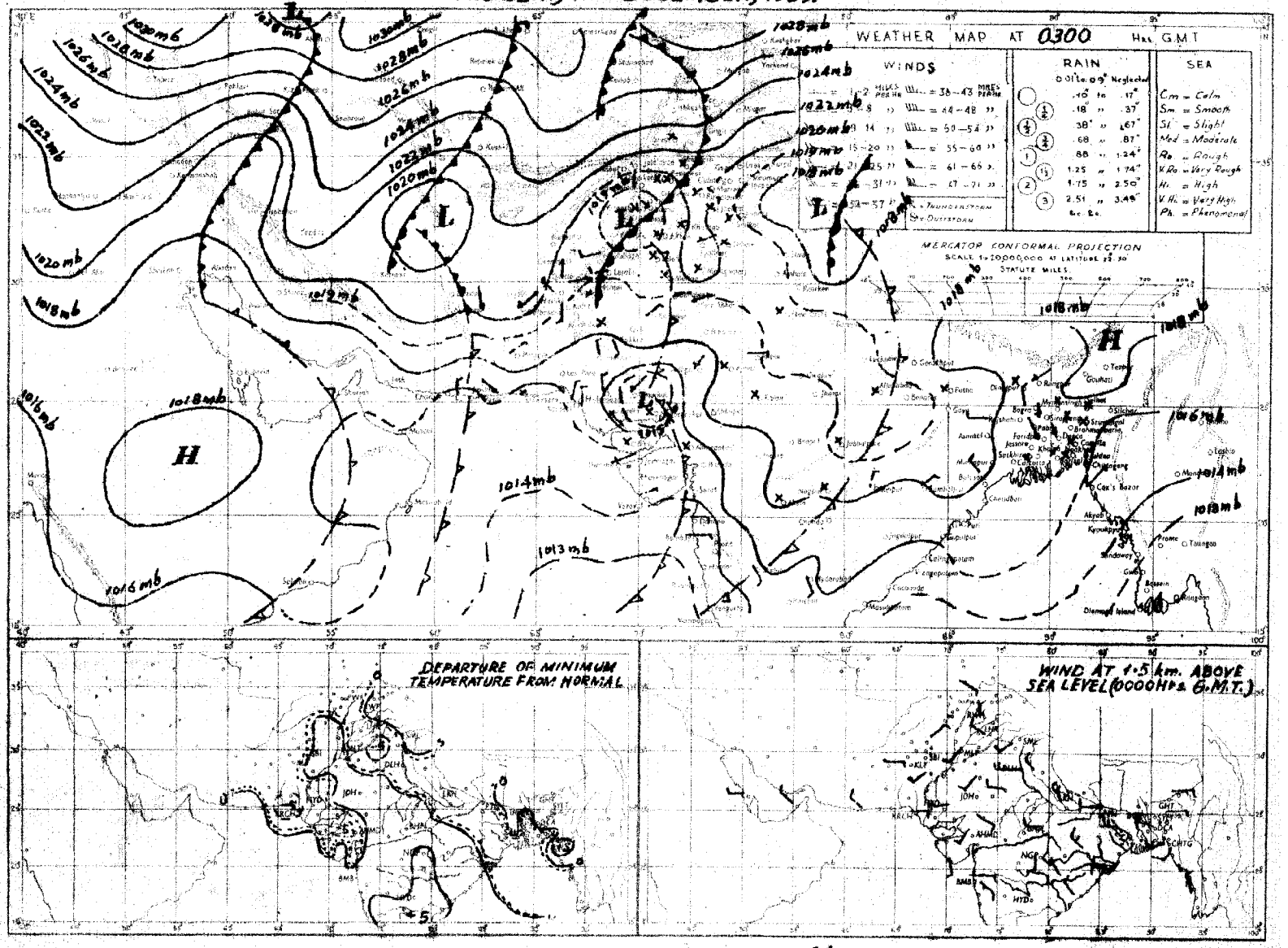
PAKISTAN DAILY WEATHER MAP

THURSDAY, 10th DECEMBER, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 11th DECEMBER, 1959.

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

Yesterday's trough over Peshawar division is moving away eastwards across Kashmir.

The western disturbance over east Iran is now moving across Afghanistan with its trough extending to Quetta and north Kalat divisions.

Weather remained dry over the country.

Night temperatures were 4—5°F below normal in Kalat division outside the coast and the Federal Capital Area and were 3—5°F above normal in Lahore division and in East Pakistan outside south Chittagong division.

Forecast valid until the evening of 12th December, 1959. Scattered rain is expected in north Kalat, Quetta, D. I. Khan and Peshawar divisions and Kashmir. A few falls of snow are also likely over the hills in Peshawar division and Kashmir.

Karachi-11
The 11th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	34	02	94	02	0	133	71	0	0	9	0	6	56	xx
	Chittagong	000	0	0	31	05	xx	00	0	135	70	0	x	9	0	0	61	79
	Maijdee Court	000	0	9	00	00	90	00	0	135	69	9	0	0	x	x	61	78
	Comilla	000	0	0	00	00	94	00	0	111	72	0	0	9	0	0	62	81
	Brahmanbaria	000	0	0	00	00	xx	00	0	132	71	0	0	9	0	0	65	80
	Sylhet	000	0	1	00	00	xx	02	0	130	68	0	0	9	3	0	59	80
	Srimangal	000	0	1	00	00	xx	01	0	139	67	1	1	7	0	0	62	81
Dacca	Mymensingh	000	0	0	00	00	95	00	0	138	73	0	0	9	0	0	61	81
	Narayanganj	000	9	0	00	00	xx	05	4	132	71	0	0	9	0	0	xx	xx
	Dacca (Tezgaon)	000	0	0	29	02	97	01	0	128	69	0	0	9	0	0	59	79
	Faridpur	000	8	0	00	00	95	05	0	133	69	0	0	9	0	0	61	77
	Barisal	000	0	0	00	00	96	02	1	130	75	0	0	9	0	0	62	77
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	141	73	0	0	9	0	0	60	81
	Satkhira	000	0	0	00	00	98	00	0	142	70	0	0	9	0	0	60	79
	Jessore	000	0	0	36	02	97	00	0	139	75	0	0	9	0	0	54	79
	Sirajganj	000	0	0	00	00	96	00	0	121	63	0	0	9	0	0	68	80
	Bogra	000	0	3	00	00	xx	02	1	134	72	2	5	6	7	0	62	79
	Dinajpur	000	0	0	00	00	xx	00	0	131	72	0	0	9	0	0	59	81
	Rangpur	000	0	1	00	00	96	01	0	xxx	72	1	0	9	1	0	64	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	7	6	00	00	96	00	2	175	67	0	0	9	0	6	49	70
	Sialkot	000	2	6	00	00	97	02	1	170	63	2	4	6	4	0	52	67
Rawalpindi	Jhelum	000	8	5	00	00	96	03	1	172	62	2	0	9	1	6	59	72
	Rawalpindi	000	0	3	27	02	98	02	0	176	59	0	0	9	0	8	45	68
	Khushab	000	0	2	00	00	99	02	1	177	69	2	3	6	0	0	46	72
Multan	Lyallpur	000	0	6	00	00	96	02	0	168	67	0	0	9	0	4	48	71
	Montgomery	000	0	0	00	00	96	00	0	168	66	0	0	9	0	0	50	72
	Multan	000	0	4	36	02	96	03	5	176	70	0	0	9	0	2	39	72
Bahawalpur	Leiah	000	0	6	00	00	97	04	2	176	70	0	0	9	0	4	43	70
	Khanpur	000	0	0	36	03	96	03	0	170	71	0	0	9	0	1	46	76
	Bahawalpur	000	0	1	00	00	97	00	0	174	69	0	0	9	0	1	43	62
	Fort Abbas	000	0	2	02	03	98	00	0	165	66	0	0	9	0	2	47	73
Peshawar	Chakdara	000	0	0	27	02	96	02	1	180	59	0	0	9	0	0	37	62
	Peshawar	000	0	3	00	00	96	05	1	181	61	0	0	9	0	1	46	68
	Haripur	000	4	3	09	02	96	02	1	150	66	3	0	9	9	0	46	71
	Campbellpur	000	0	0	05	02	98	00	0	191	62	0	0	9	0	0	46	65
D. I. Khan	Bannu	000	0	7	13	01	99	01	0	187	64	0	0	9	0	8	43	69
	D. I. Khan	000	6	5	00	00	98	03	0	179	63	0	0	9	0	5	54	71
Quetta	Sibi	000	2	4	13	02	98	03	1	170	74	0	0	9	0	2	32	75
Kalat	Nokkundi	000	0	0	16	02	99	00	0	145	67	0	0	9	0	0	40	69
	Turbat	000	0	0	23	02	98	00	0	147	79	0	0	9	0	0	50	81
	Jiwani	000	0	5	20	03	97	02	2	143	73	3	5	6	4	0	55	65
	Pasni	000	0	6	34	07	98	02	0	143	77	1	2	7	0	8	55	79
	Ormara	000	0	4	18	03	98	01	1	141	77	4	0	9	4	0	61	79
	Las Bela	000	0	0	00	00	98	00	0	156	80	0	0	9	0	0	48	82
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	25	01	98	01	1	138	76	0	0	9	0	1	65	78
	Karachi (Air Port)	000	0	0	07	02	96	02	0	144	78	0	0	9	0	0	33	80
	Badin	000	0	0	00	00	97	00	0	160	85	0	0	9	0	0	57	68
	Nagarparker	000	0	0	00	00	98	00	0	953	80	0	0	9	0	0	54	82
	Umarkot	000	0	2	27	03	98	02	0	131	80	0	0	9	0	2	47	85
	Hyderabad	000	0	2	36	02	97	03	0	146	74	0	0	9	0	1	48	79
Khairpur	Pad-i-dan	000	0	2	34	05	97	01	0	153	72	0	0	9	0	1	39	75
	Nawabshah	000	0	2	36	09	97	02	2	150	72	0	0	9	0	1	41	77
	Sukkur	000	6	6	02	03	96	03	1	158	70	0	0	9	0	8	28	75
	Kashmore	000	0	0	05	02	99	00	0	101	70	0	0	9	0	0	36	72
	Jacobabad	000	0	1	36	02	98	02	0	161	73	0	0	9	0	1	44	77
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	4	09	02	97	01	1	525	43	4	0	9	8	0	21	49
Peshawar	Drosh *	000	1	5	13	05	97	03	2	531	48	0	0	9	0	4	26	58
	Cherat *	000	0	0	05	03	98	00	0	517	53	0	0	9	0	0	32	57
	Kakul *	000	8	2	31	03	97	05	1	523	54	0	0	9	0	1	37	62
	Landi Kotal *	000	0	1	00	00	99	01	0	514	53	0	0	9	0	9	27	59
D. I. Khan	Parachinar *	000	0	2	13	03	99	02	0	542	38	0	0	9	0	1	17	56
	Miranshah *	000	0	4	00	00	99	03	0	518	57	4	2	7	0	0	50	63
	Wana *	000	0	4	11	02	99	02	0	489	53	4	0	9	2	9	27	58
	Fort Sandeman *	000	0	6	05	01	98	01	1	503	55	6	0	9	1	0	32	62
Quetta	Hindubagh *	000	3	2	07	06	98	02	0	478	51	1	0	9	1	1	23	53
	Loralai *	000	0	6	13	02	96	01	1	366	54	3	2	6	1	0	23	58
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	x
	Quetta *	000	0	7	31	02	98	03	2	494	52	x	x	x	x	x	39	55
	Chaman *	000	5	5	31	02	96	03	2	508	55	0	0	9	0	2	10	58
Kalat	Kalat *	000	0	2	23	05	97	02	1	502	51	0	0	9	0	1	21	60
	Nushki *	000	0	6	00	00	98	03	0	555	59	0	0	9	0	1	31	61
	Dalbandin *	000	8	6	07	05	98	03	1	507	63	0	0	9	0	6	32	64
	Panjgur *	000	0	0	23	03	98	00	0	509	67	0	0	9	0	0	20	67
Afghanistan	Kabul *	000	0	0	27	02	99	00	0	547	46	0	0	9	0	0	38	52
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	0	02	02	97	00	0	157	71	0	0	9	0	0	65	60	—	+ 1	0.4	— 3.3	141.5	140
	Chittagong	000	0	0	02	02	96	00	0	163	69	0	0	9	0	0	63	58	0	0	1.4	— 1.2	143.3	103
	Maijdee Court	000	9	0	00	00	98	00	0	164	70	0	0	9	0	0	62	58	— 1	— 1	0	— 1.6	144.7	113
	Comilla	000	0	0	00	00	97	00	0	163	70	0	0	9	0	0	62	60	+ 2	+ 5	0.1	— 1.4	107.8	94
	Brahmanbaria	000	0	0	00	00	97	00	0	165	72	0	0	9	0	0	65	60	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	0	09	05	97	02	0	162	70	0	0	9	0	0	58	58	—		0		193.9	—
	Srimangal	000	0	2	00	00	94	41	4	160	64	2	0	9	2	0	61	51	— 1	+ 2	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	23	02	97	00	1	168	64	0	0	9	0	0	61	58	+ 3	+ 3	0	— 0.9	113.3	91
	Narayanganj	000	9	0	00	00	95	10	4	160	68	0	0	9	0	0	61	59	x	+ 2	0	— 1.1	103.9	74
	Dacca (Tezgaon)	000	5	0	31	03	97	02	4	162	65	0	0	9	0	0	61	55		—	0	—	103.6	—
	Faridpur	000	9	0	34	03	94	10	0	177	68	0	0	9	0	0	61	59	0	+ 4	0	— 1.2	116.6	71
	Barisal	000	0	0	36	01	96	02	1	164	67	0	0	9	0	0	62	59	— 2	+ 3	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	176	68	0	0	9	0	0	58	61	+ 2	+ 6	0	— 1.2	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	173	69	0	0	9	0	0	57	59	— 2	+ 6	0	— 1.8	82.1	65
	Jessore	000	0	0	36	03	97	00	0	172	65	0	0	9	0	0	56	56	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	36	03	97	00	0	172	65	0	0	9	0	0	66	59	+ 3	+ 4	0	— 0.7	107.7	64
	Bogra	000	0	0	31	02	95	05	0	169	67	0	0	9	0	0	59	59	+ 2	+ 4	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	174	64	0	0	9	0	0	57	55	+ 3	+ 4	0	— 0.4	66.9	72
	Rangpur	000	0	0	05	02	96	01	0	xxx	66	0	0	9	0	0	61	55	+ 1	+ 3	0	— 0.4	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	8	00	00	95	10	1	199	45	0	0	9	0	6	43	44	— 5	+ 4	1.1	+ 1.0	27.1	19
	Sialkot	000	2	6	00	00	98	02	1	192	50	6	0	9	4	0	48	47	— 5	+ 5	3.1	+ 2.8	61.8	32
Rawalpindi	Jhelum	000	9	7	00	00	94	01	1	xxx	xx	2	0	9	3	2	44	43	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	6	27	02	98	02	2	232	41	2	0	9	1	8	39	39	— 1	+ 2	3.6	+ 3.1	55.9	36
	Khushab	000	0	3	00	00	99	02	1	199	46	3	3	6	0	0	41	43	— 2	+ 1	1.1	+ 0.9	23.5	15
Multan	Lyallpur	000	0	6	00	00	95	00	0	204	46	0	0	9	0	4	44	42	— 1	+ 1	0.4	+ 0.3	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	202	47	0	0	9	0	0	45	42	— 3	— 1	0.1	0	8.5	10
	Multan	000	3	6	00	00	94	42	4	201	49	0	0	9	0	4	45	46	— 2	+ 3	0.1	0	8.3	7
Bahawalpur	Leiah	000	0	5	00	00	97	04	2	196	42	0	0	9	0	7	39	39	—	—	2.5	—	7.0	8
	Khanpur	000	0	5	30	03	96	03	0	193	49	5	0	9	4	0	42	46	0	+ 2	0	— 0.1	1.4	6
	Bahawalpur	000	0	8	00	00	97	03	0	203	49	6	0	8	1	5	49	45	+ 5	+ 2	0.1	0	6.6	6
	Fort Abbas	000	0	5	07	02	98	03	0	193	50	5	0	9	5	0	46	xx			1.0	—	10.2	4
Peshawar	Chakdara	000	0	5	00	00	96	03	0	218	35	5	0	8	4	0	23	34	—	—	5.7	—	32.1	—
	Peshawar	000	0	6	00	00	95	10	1	212	41	0	0	9	0	1	34	40	— 1	— 1	5.0	+ 4.5	28.5	14
	Haripur	000	4	5	31	03	97	03	2	182	43	0	0	9	0	9	32	40	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	00	00	98	00	0	240	39	0	0	9	0	0	38	36	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	2	3	00	00	99	02	0	186	45	0	0	9	0	4	38	42	—	—	2.5	—	15.4	11
	D. I. Khan	000	2	6	00	00	97	03	1	195	45	6	0	9	6	0	41	43	— 3	+ 2	1.7	+ 1.5	16.6	10
Quetta	Sibi	000	0	4	00	00	98	03	1	203	xx	4	0	9	3	0	39	45	—	—	4.1	—	9.3	5
Kalat	Nokkundi	000	0	0	36	02	98	00	0	213	41	0	0	9	0	0	38	39	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	02	97	00	0	188	58	0	0	9	0	0	47	xx	—	—	1.6	—	8.9	—
	Jiwani	000	0	6	36	03	97	03	2	172	63	6	6	7	0	0	54	63	—	—	1.1	—	7.7	4
	Pasni	000	0	6	29	02	98	00	0	172	63	1	2	7	6	0	58	60	0	— 3	0.3	— 0.2	13.4	6
	Ormara	000	0	4	05	02	98	02	1	172	61	4	2	7	0	0	56	54	—	—	2.7	+ 2.7	6.8	6
	Las Bela	000	0	0	00	00	98	00	0	187	58	0	0	9	0	0	24	45	—	—	0.4	—	7.3	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	05	12	95	05	1	173	58	0	0	9	0	1	41	56	— 2	— 4	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	4	36	02	96	03	0	176	58	0	0	9	0	1	41	52	—	—	3.3	—	26.1	—
	Badin	000	0	0	23	02	96	00	0	170	53	0	0	9	0	0	43	51	+ 6	0	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	36	02	98	00	0	156	57	0	0	9	0	0	46	62	—	—	0	—	30.5	—
	Umarkot	000	0	1	00	00	96	02	0	158	52	0	0	9	0	2	38	48	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	05	97	02	0	177	55	0	0	9	0	0	45	54	— 1	+ 2	0.5	+ 0.5	19.6	7
Khairpur	Pad-i-dan	000	0	1	31	07	97	02	0	192	49	1	0	9	1	0	42	45	—	—	0.3	—	7.9	—
	Nawabshah	000	0	2	31	02	96	01	1	197	51	0	0	9	0	9	42	49	—	—	0.3	—	7.5	—
	Sukkur	000	9	6	02	03	96	02	1	190	48	0	0	9	0	8	41	47	—	—	0.8	—	5.3	4
	Kashmore	000	0	2	00	00	99	00	0	194	59	2	1	8	0	0	37	44	—	—	1.3	—	3.4	—
	Jacobabad	000	0	2	00	00	97	02	0	195	51	0	0	9	0	1	42	48	0	+ 2	0.3	+ 0.2	4.7	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	9	8	11	05	97	03	1	527	41	3	5	5	8	1	17	38	— 8	+ 3	5.9	+ 4.8	84.4	59
Peshawar	Drosh *	000	1	6	00	00	97	03	2	550	36	2	0	9	5	1	21	35	+ 4	0	4.6	—	35.3	18
	Cherat *	000	0	3	36	03	98	03	0	531	48	0	0	9	0	8	18	46	0	+ 3	6.0	+ 5.2	37.4	29
	Kakul *	000	9	7	36	02	95	05	2	521	45	6	0	9	0	8	21	42	—	—	4.9	—	60.1	—
	Landi Kotal *	000	0	5	00	00	98	03	2	500	34	0	0	9	0	8	22	33	—	—	3.9	—	32.8	—
D. I. Khan	Parachinar *	000	0	3	34	02	98	03	0	540	35	0	0	9	0	1	21	32	—	—	6.0	—	34.0	29
	Miranshah *	000	0	0	00	00	99	00	0	497	39	0	0	9	0	0	22	36	—	—	1.1	+ 0.9	8.1	13
	Wana *	000	0	0	00	00	99	00	0	503	33	0	0	9	0	0	27	31	—	—	1.2	—	15.3	—
	Fort Sandeman *	000	0	4	00	00	98	01	1	546	38	4	0	9	1	0	27	37	+ 2	+ 3	5.0	+ 4.8	21.0	11
Quetta	Hindubagh *	000	0	2	23	03	98	02	1	523	28	2	0	9	2	0	17	27	—	—	4.7	—	17.7	—
	Loralai *	000	0	5	31	02	97	01	1	349	33	2	3	8	1	0	26	32	—	—	3.6	—	16.2	—
	Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	+ 5.5	18.7	14
	Quetta *	000	0	0	00	00	96	00	0	535	38	0	0	9	0	0	25	26	—	—	2.3	+ 1.7	12.6	8
	Chaman *	000	0	0	00	00	97	00	0	521	37	0	0	9	0	0	21	36	— 1	— 1	1.5	+ 0.5	7.8	7
Kalat	Kalat *	000	0	0	23	09	97	00	1	537	34	0	0	9	0	0	32	28	+ 3	+ 2	1.7	+ 1.2	13.6	9
	Nushki *	000	0	0	09	05	98	02	0	570	46	0	0	9	0	0	28	43	—	—	0.7	—	3.7	—
	Dalbandin *	000	9	1	00	00	98	01	1	494	33	0	0	9	0	1	24	32	+ 1	— 5	0.6	+ 0.4	2.8	5
	Panjgur *	000	0	0	05	02	98	00	0	491	40	0	0	9	0	0	23	36	+ 1	— 5	0.1	—	4.2	14
Afghanistan	Kabul *	000	0	2	36	03	99	03	0	583	32	2	1	8	0	0	23	25	—	—	—	—	—	—
	Kandahar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 11th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	O Ts Ts Td Td	Id ds PHs
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwarbaksh	53 218	684 00	0 33 02	98 02 0	105 78		...		...	..
Ersti	53 225	599 00	0 00 00	99 02 0	130 72	00 9 00	--	85 40 0	0 59 63	1 00 x0
Moordrecht	53 244	582 00	1 00 00	98 02 0	140 72	00 9 04		--	0 53 52	1 00 x0
Albistan	53 205	658 06	4 00 00	99 01 1	168 76	44 6 00	35 21 5	...	0 52 65	1 00 x0
Anwarbaksh	53 228	681 06	0 08 09	98 02 0	150 74		...	--	...	--
Moordrecht	53 256	571 06	5 04 04	98 02 0	173 72	44 5 50		...	0 54 55	1 04 20
Ersti	53 236	591 06	4 00 00	99 01 2	158 79	32 5 60	75 01 4		0 00 66	1 00 x0
Caltex Pernis	53 205	591 06	2 03 03	98 03 0	147 77	21 6 2x	..		0 56 57	1 00 x0
Bernice	53 205	585 06	0 33 14	99 02 0	115 81	00 9 00	..		0 54 70	1 30 21
Isdore	53 194	582 06	0 36 12	98 02 0	175 79	00 9 00	56 21 5	86 21 2	0 52 59	1 36 21
Albistan	53 198	669 12	1 01 03	99 02 0	131 78	11 6 00	35 61 0	--	0 00 67	1 01 20
Ersti	53 246	582 12	1 00 00	99 02 0	134 75	12 5 00	75 60 0		0 54 66	1 00 x0
Caltex Pernis	53 192	583 12	1 33 02	98 02 0	143 73	11 5 00		...	0 54 55	1 34 21
Albistan	53 190	579 18	0 02 07	99 02 0	154 78	00 9 00	35 11 8	..	0 00 71	1 02 21
Alsayyada	53 092	762 18	6 29 05	98 03 2	121 81	22 3 70	74 01 1	--	0 53 76	1 29 00
Asia	53 232	647 18	7 00 00	98 03 0	154 73	70 7 30	57 40 0	..	0 53 55	1 00 x0
Iqbalbaksh	53 188	701 18	0 05 09	98 xx 0	xxx 76		..	...	...	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	--													
Chittagong	...													
Dacca	00 00	014 172 192	203 235 125	..	145 135 5	..	314 102 959	440 032 999	585 585 999	734 685 999	952 850	222 042	..	..
Jiwani	--													
Karachi	00 00	013 122 022	146 142 038	..	148 085 538	..	309 055 999	434 000 999	577 598 999	746 698 999	953 828	232 958	...	--
Lahore	--													
Multan	--													
Peshawar	00 00	976 055 032	--	..	149 095 505	...	307 015 535	430 568 678	570 645 999	737 735 959	941 888	208 050	--	..
Quetta	--													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	--												
Chittagong	--												
Dacca	00 00	900 135 092	861 115 532	..	..	..	..	..	...	..	861 115 532	--	..
Jiwani	--												
Karachi	00 00	932 162 022	900 148 015	812 065 512	800 065 522	--	--	--	--	--	800 065 522	--	..
Lahore	--												
Multan	--												
Peshawar	00 00	900 098 015	800 065 535	350 802 999	250 978 999	195 052 999	--	..	..	--	195 052 999	..	--
Quetta	--												

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	01 04	01 06	02 08	02 05	26 08	29 20	26 20	--	
Chaklala	--	24 02	21 03	10 06	12 07	15 04	23 07	24 19	26 39
Chhor	28 09	26 09	24 06	09 05	08 09	21 13	21 14	24 19	25 25
Chittagong	33 08	36 04	03 03	25 10	24 18	..	--	.	--
Cox's Bazar	36 08	36 06	25 06	26 10	28 15				
Dacca	31 06	32 06	32 06	29 03	27 09	28 19	26 12	28 13	26 17
Dalbandin	--	--	07 05	07 04	07 04	23 12	24 20	24 35	25 44
D. I. Khan	..	--	--					..	
Drosh	--	--	...	--	01 01	01 03	08 01	13 03	16 04
Fort Sandeman	--			04 06	03 04	24 15			..
Jacobabad	02 03	04 05	07 07	11 07	19 04	23 09	24 24	24 25	25 38
Jessore	33 08	33 08	28 07	31 12	31 10	..	--	.	--
Jhelum	26 01	15 02	13 02	13 04	13 09	23 08	--	..	--
Jiwani	...	..	..	..					...
Karachi	08 06	09 09	09 10	11 10	18 04	25 13	24 11	27 46	23 35
Khanpur	03 09	04 09	05 08	13 03	22 09	23 17	23 21	25 29	25 35
Lahore	34 05	35 04	34 06	31 04	20 04	22 18	23 19	24 31	24 35
Multan	03 03	02 04	05 02	03 03	24 03	25 14	24 29	24 33	25 40
Muscat	--	--	--	--	--	--	..		--
Panjgur	--	--	--	--	--	--			
Peshawar	...	18 01	33 03	35 01	11 02	19 01	23 07	24 23	26 42
Quetta	...	...	--	--	26 02	22 09	23 17	25 36	26 45
Sharjah	...	--	--	...			--	..	...
Sylhet	07 01	06 01	02 02	05 05	23 07	27 21	..		..
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 16	01 15	02 11	14 18	31 08	--
Chaklala	--	--	--	--	--	--
Chhor	06 16	05 04	12 01	21 06	21 12	26 23
Chittagong	01 13	01 06	27 03	26 07		..
Cox's Bazar	01 19	33 04	18 05	24 10	24 17	21 03
Dacca	35 13	36 09	01 09	25 08	27 10	27 13
Dalbandin	--	--	07 08	12 09	27 02	25 06
D. I. Khan	--	--	--	--		
Drosh	--	..	--	14 04	12 10	18 07
Fort Sandeman	...	--	..	13 01	25 04	25 04
Jacobabad	01 06	07 10	10 03	21 05	28 01	24 13
Jessore	36 19	01 12	01 13	30 05	28 05	29 09
Jhelum	34 04	32 07	32 03	24 02	14 07	18 13
Jiwani	02 07	09 03	14 05	14 08	16 09	--
Karachi	05 18	05 06	12 05	14 10	23 05	23 18
Khanpur	05 13	07 04	04 13	23 04	23 12	30 08
Lahore	35 05	36 09	34 09	30 06	21 06	22 13
Multan	14 01	01 02	03 04	27 04	32 05	24 09
Muscat	...	--		--	--	
Panjgur	--					
Peshawar	..	05 05	04 07	12 05	21 07	28 08
Quetta	...		--	--	21 04	24 09
Sharjah						
Sylhet	06 10	03 04	07 07	12 11	21 10	27 16
Veraval	.			--		

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	35 13	01 07	02 07	04 08	32 12	27 19	28 15	..	..	..	--
Chaklala	--	05 01	08 04	11 06	14 06	19 10	24 25	23 31	23 39	..	..
Chhor	..	--	..	--	--	.	--	--	..	--	..
Chittagong	xx xx	xx xx	17 05	22 06	23 16	19 04	24 08	23 14	26 16	--	--
Cox's Bazar	35 01	17 04	21 20	23 09	09 09	23 05	27 14	28 15	27 25		
Dacca	36 05	01 08	01 06	25 09	26 09	27 12	26 11	28 16	28 17	27 25	27 47
Dalbandin		--	09 09	07 10	24 02	34 02	23 25	24 33	24 38	24 39	25 47
D. I. Khan	--	..	--	--	--		--	--	--	..	.
Drosh	--		--		36 04	01 04	08 92	18 04	--	--	
Fort Sandeman	..		-	--	26 02	20 03	23 05	25 32	25 51	27 57	24 74
Jacobabad	22 01	09 03	03 04	34 05	01 02	22 15	24 26	24 27	24 47		
Jessore	36 09	35 07	35 09	34 07	33 09	28 09	27 11	29 12	29 15	27 28	25 52
Jhelum	35 03	32 05	34 03	24 02	19 07	21 11	22 20	23 33	24 42	..	..
Jiwani	04 09	06 06	07 07	11 09	--		-	--	--	--	..
Karachi	06 11	08 06	09 04	21 05	22 14	22 18	24 28	24 46	24 49	27 54	..
Khanpur	07 10	07 12	07 10	01 03	32 05	23 11	25 31	26 32	26 36	..	..
Lahore	36 02	34 05	34 06	29 06	28 06	20 15	21 17	23 34	--		..
Multan	17 03	09 02	06 03	35 03	26 04	22 15	24 34	24 37	24 44	24 56	--
Muscat	.		--			...	--	..		--	...
Panjgur	-		--								..
Peshawar	--	03 03	19 03	32 08	35 03	16 03	21 13	24 27	24 30	23 33	..
Quetta					23 02	22 06	25 32	26 41	25 39	25 46	...
Sharjah										..	--
Sylhet	10 05	09 07	10 12	12 09	20 11	27 18	25 22	30 17	30 19	..	..
Veraval											

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s. l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong															--	-		..
Dacca	33 11	18 13	03 17	36 07	28 13	29 13	25 15	28 17	27 24	27 41	26 91	76 03	76 10	--	..	--	--	...
Karachi	04 17	01 17	10 05	13 07	16 09	22 12	23 27	23 29	24 31	24 47	24 61	24 70	26 73	28 89	--	--		--
Peshawar	Misd	..	--	--	...			--	...	--	--	--	--	..				
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.

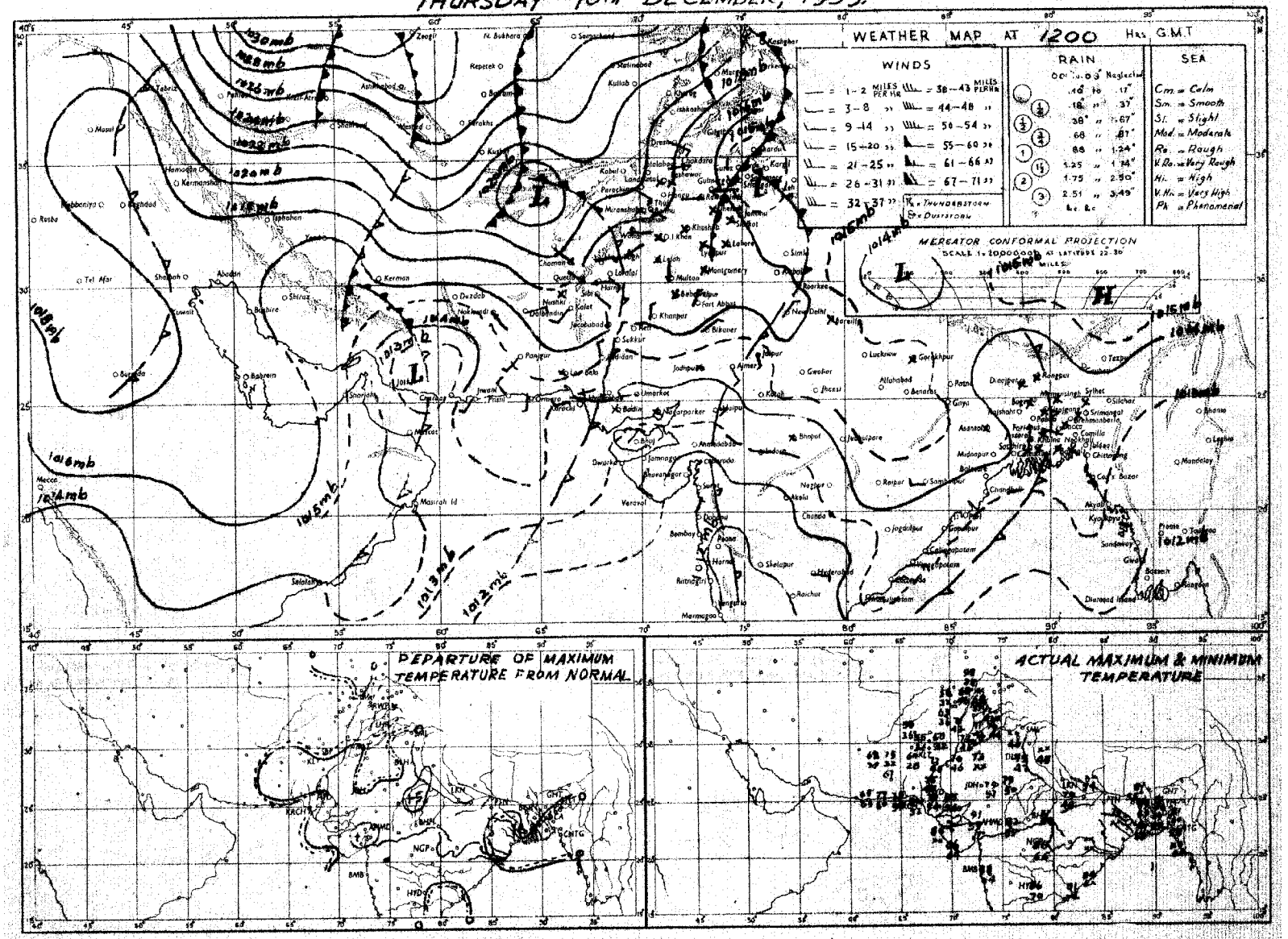
Cloud observation Data (GGiii Cdd VrVr etc.)

04 571 03 219

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

THURSDAY 10th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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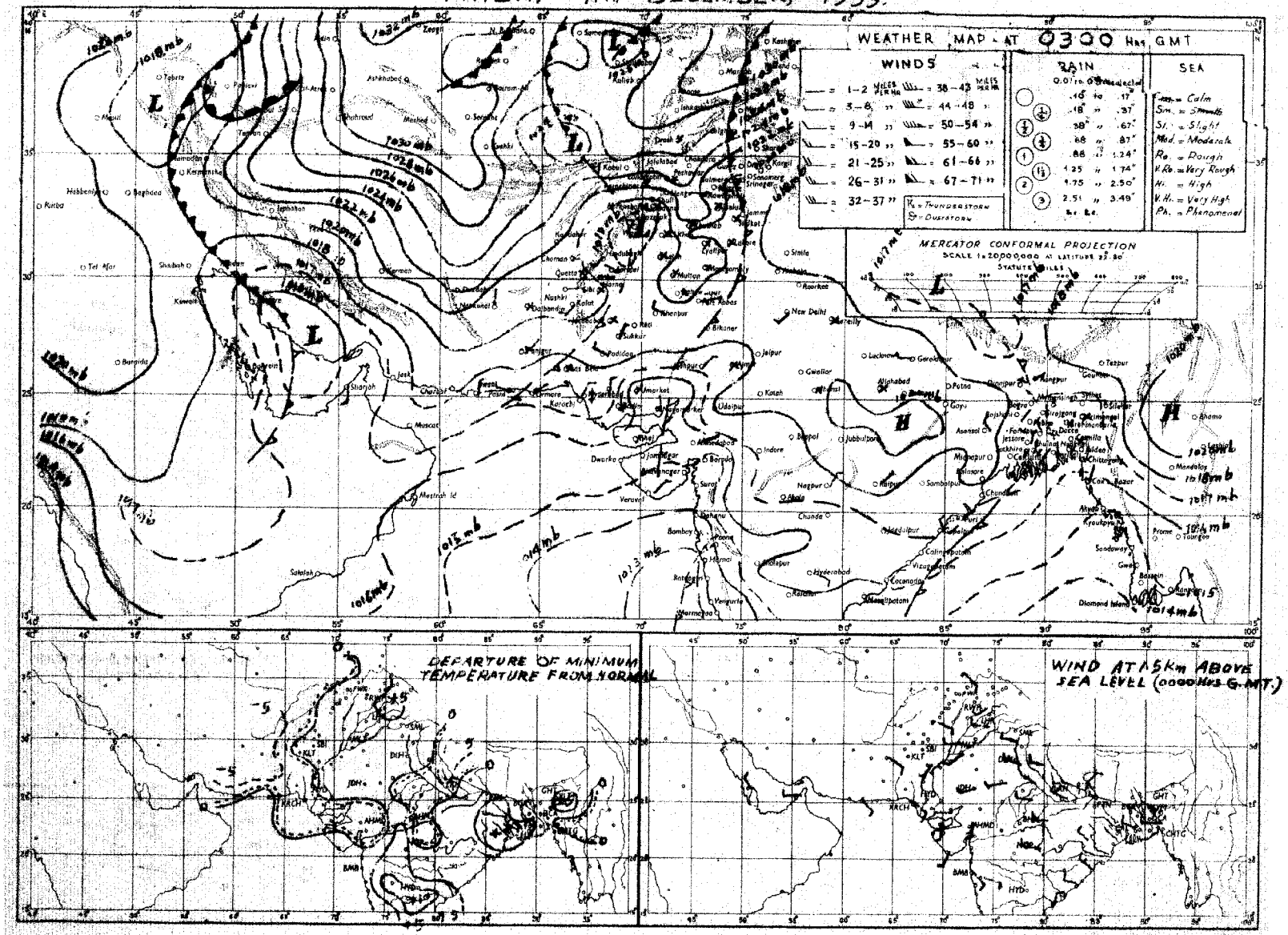
PAKISTAN DAILY WEATHER MAP

FRIDAY 11th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 12th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Afganistan is moving across east Russian Turkistan with its trough extending to Peshawar division. A fresh western disturbance lies over north west Afghanistan with its trough extending to Kalat division.

Weather remained dry over the country.

Night temperatures were 3—4°F above normal in East Pakistan and nearly normal in West Pakistan.

Forecast valid until the evening of 13th December, 1959. Scattered rain/drizzle may fall in Kalat, Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir. A few falls of snow are also expected over the hills in West Pakistan and Kashmir.

Karachi-11
The 12th December, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	34	03	94	03	0	126	72	0	0	9	0	6	66	80
	Chittagong	000	0	0	34	05	xx	00	0	131	71	0	0	9	0	0	63	79
	Maijdee Court	000	0	0	00	00	xx	10	0	135	70	0	0	9	0	0	62	78
	Comilla	000	0	0	00	00	94	00	0	131	72	0	0	9	0	0	69	80
	Brahmanbaria	000	0	0	00	00	xx	00	0	150	70	0	0	9	0	0	65	80
	Sylhet	000	0	0	00	00	xx	02	0	128	70	0	0	9	0	0	60	80
	Srimangal	000	0	0	00	00	xx	02	0	129	68	0	0	9	0	0	62	82
Dacca	Mymensingh	000	0	0	00	00	97	00	0	134	75	0	0	9	0	0	64	82
	Narayanganj	000	9	0	00	00	xx	05	4	126	75	0	0	9	0	0	63	82
	Dacca (Tezgaon)	000	0	0	31	02	97	02	0	125	70	0	0	9	0	0	60	79
	Faridpur	000	8	0	00	00	95	05	1	134	71	0	0	9	0	0	60	77
	Barisal	000	0	0	00	00	96	02	0	131	75	0	0	9	0	0	62	77
Rajshahi	Khulna	—	—	—	—	—	—	—	—									
	Satkhira	000	0	0	00	00	98	00	0	140	71	0	0	9	0	0	60	79
	Jessore	000	0	0	36	02	97	00	0	142	73	0	0	9	0	0	60	78
	Sirajganj	000	0	0	00	00	97	00	0	111	68	0	0	9	0	0	68	81
	Bogra	000	0	0	00	00	xx	02	1	132	70	0	0	9	0	0	64	78
	Dinajpur	000	0	0	00	00	xx	00	0	132	72	0	0	9	0	0	60	81
	Rangpur	000	0	0	00	00	96	02	0	xxx	71	0	0	9	0	0	65	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	7	5	00	00	58	02	1	169	66	0	0	9	0	0	43	70
	Sialkot	000	0	5	00	00	97	02	1	161	64	2	4	6	3	0	51	66
Rawalpindi	Jhelum	000	8	2	00	00	96	01	1	165	64	0	0	9	0	8	50	70
	Rawlpindi	000	0	2	00	00	97	00	0	168	58	0	0	9	0	8	47	67
	Khushab	000	0	3	00	00	99	02	1	170	61	2	3	6	0	0	46	73
Multan	Lyallpur	000	0	6	07	02	96	02	0	168	69	0	0	9	0	0	43	72
	Montgomery	000	0	0	00	00	96	00	0	176	68	0	0	9	0	0	45	70
	Multan	000	0	6	00	00	97	02	4	165	69	0	0	9	0	3	42	73
Bahawalpur	Leiah	000	0	6	00	00	98	02	0	170	69	0	0	9	0	2	42	70
	Khanpur	000	0	5	26	02	96	03	0	155	69	5	0	9	4	1	48	73
	Bahawalpur	000	0	8	09	02	97	03	0	169	70	8	0	9	5	x	42	71
	Fort Abbas	000	0	6	02	03	99	03	1	160	64	0	0	9	0	4	49	70
Peshawar	Chakdara	000	0	6	18	02	96	01	1	[illegible]	58	6	0	8	7	0	34	59
	Peshawar	000	0	7	00	00	96	04	1	[illegible]	59	0	0	9	0	1	42	67
	Haripur	000	0	0	13	02	57	00	0	145	62	0	0	9	0	0	48	71
	Campbellpur	000	0	0	00	00	58	00	0	190	61	0	0	9	0	0	40	65
D. I. Khan	Bannu	000	0	5	13	01	99	01	0	156	64	0	0	9	0	8	44	69
	D. I. Khan	000	6	0	00	00	98	00	0	163	67	0	0	9	0	0	52	73
Quetta	Sibi	000	0	0	18	02	99	00	0	161	73	0	0	9	0	0	38	75
Kalat	Nokkundi	000	0	0	23	02	99	00	0	148	61	0	0	9	0	0	42	69
	Turbat	000	0	0	13	02	98	00	0	145	76	0	0	9	0	0	48	78
	Jiwani	000	6	4	09	07	97	01	5	146	73	2	5	5	4	0	57	75
	Pasni	000	0	2	13	07	98	00	0	144	75	1	2	7	7	0	52	77
	Ormara	000	0	0	13	03	58	00	0	142	77	0	0	9	0	0	61	78
	Las Bela	000	0	0	00	00	98	00	0	151	80	0	0	9	0	0	36	82
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	27	01	98	01	1	140	78	0	0	9	0	1	65	80
	Karachi (Air Port)	000	0	1	00	00	96	02	0	135	78	0	0	9	0	1	43	81
	Badin	000	0	0	36	02	97	00	0	136	80	0	0	9	0	0	47	82
	Nagarparker	000	0	0	00	00	98	00	0	118	81	0	0	9	0	0	51	83
	Umarkot	000	0	2	31	03	58	00	0	123	79	0	0	9	0	2	48	61
	Hyderabad	000	0	1	36	05	97	02	0	146	73	0	0	9	0	8	46	77
Khairpur	Pad-i-dan	000	0	1	02	07	97	01	0	154	70	1	0	9	1	0	42	74
	Nawabshah	000	0	2	36	05	97	02	1	159	73	0	0	9	0	1	34	75
	Sukkur	000	8	4	07	03	96	03	1	154	70	0	0	9	0	8	42	73
	Kashmore	000	0	0	00	00	99	00	0	153	71	4	1	6	0	0	37	72
	Jacobabad	000	0	2	36	02	97	01	0	160	71	0	0	9	0	2	39	73
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kowait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	29	09	97	02	1	510	43	4	0	9	8	4	09	47
Peshawar	Dresh *	000	8	8	00	00	97	03	2	519	47	8	0	9	1	x	23	51
	Cherat *	000	0	5	36	03	97	03	1	519	49	0	0	9	0	8	18	59
	Kakul *	000	8	2	27	03	96	05	1	514	51	0	0	9	0	1	38	62
	Landi Kotal *	000	0	6	00	00	58	02	1	504	54	0	0	9	0	0	31	57
	Parachinar *	000	0	4	27	03	58	00	0	535	51	4	0	8	1	0	15	56
D. I. Khan	Miranshah *	000	0	4	00	00	99	02	0	499	58	4	0	8	4	0	27	54
	Wana *	000	0	0	18	03	99	00	0	469	55	0	0	9	0	0	19	59
	Fort Sandeman *	000	0	1	00	00	98	01	0	532	58	1	0	9	0	3	21	61
Quetta	Hindubagh *	000	0	0	13	02	98	00	0	477	52	0	0	9	0	0	23	55
	Loralai *	000	0	0	09	02	98	00	0	370	55	0	0	9	0	0	27	59
	Harnai *	000	0	0	09	01	58	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	58	00	0	597	52	0	0	9	0	0	24	58
	Chaman *	000	0	0	31	02	97	00	0	517	55	0	0	9	0	0	13	60
Kalat	Kalat *	000	0	0	36	03	98	00	0	502	48	0	0	9	0	0	30	54
	Nushki *	000	0	0	31	02	58	02	1	567	61	0	0	9	0	0	26	62
	Dalbandin *	000	5	1	09	05	98	01	0	511	63	0	0	9	0	1	34	64
	Panjgur *	000	0	2	23	03	98	01	1	511	64	2	0	9	3	0	37	64
Afghanistan	Kabul *	000	0	0	36	02	99	00	0	557	46	0	0	9	0	0	38	50
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	1	29	03	97	02	0	154	69	1	4	7	0	0	66	62
Chittagong	000	0	0	02	05	96	00	0	159	xx	0	0	9	0	0	51	59
Maijdee Court	000	9	0	00	00	98	00	0	177	69	0	0	9	0	0	63	59
Comilla	000	0	0	00	00	97	00	0	162	70	0	0	9	0	0	60	59
Brahmanbaria	000	0	0	00	00	97	00	0	167	71	0	0	9	0	0	63	58
Sylhet	000	0	0	09	05	97	02	0	162	68	0	0	9	0	0	68	57
Srimangal	000	4	2	00	00	55	41	4	164	64	2	6	3	0	0	61	50
Mymensingh	000	0	0	31	02	97	00	0	170	69	0	0	9	0	0	61	58
Narayanganj	000	0	0	34	02	94	10	4	168	71	0	0	9	0	0	63	59
Dacca (Tezgaon)	000	9	0	36	09	96	02	4	161	66	0	0	9	0	0	63	55
Faridpur	000	9	0	34	02	94	10	0	178	68	0	0	9	0	0	61	58
Barisal	000	0	0	05	01	96	03	4	162	67	0	0	9	0	0	62	60
Khulna	000	0	0	00	00	97	00	0	171	71	0	0	9	0	0	60	62
Satkhira	000	0	0	00	00	58	00	0	168	70	0	0	9	0	0	56	59
Jessore	000	0	0	36	03	57	00	0	169	67	0	0	9	0	0	57	57
Sirajganj	000	0	0	31	02	98	00	0	159	71	0	0	9	0	0	65	56
Bogra	000	0	0	36	02	55	02	0	167	66	0	0	9	0	0	59	58
Dinajpur	000	0	0	00	00	96	00	0	175	63	0	0	9	0	0	58	55
Rangpur	000	0	0	05	02	96	01	0	xxx	65	0	0	9	0	0	60	55
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	208	[illegible]	0	0	9	0	0	39	40
Sialkot	000	0	0	00	00	99	00	0	195	[illegible]	0	0	9	0	0	46	44
Jhelum	000	0	0	00	00	94	10	1	204	41	0	0	9	0	0	39	40
Rawlpindi	000	0	3	00	00	58	03	1	217	39	1	0	9	4	5	38	37
Khushab	000	0	0	00	00	99	00	0	203	42	0	0	9	0	0	40	xx
Lyallpur	000	0	0	00	00	96	41	4	204	41	0	0	9	0	0	41	41
Montgomery	000	0	0	00	00	56	00	0	154	47	0	0	9	0	0	45	42
Multan	000	0	6	00	00	96	05	1	201	40	0	0	9	0	2	42	46
Leiah	000	0	0	00	00	98	04	2	193	42	0	0	9	0	2	42	38
Khanpur	000	0	6	34	02	96	03	1	160	47	6	0	8	4	0	xx	45
Bahawalpur	000	0	3	09	02	58	00	0	197	52	0	0	9	0	2	43	45
Fort Abbas	000	0	2	07	05	98	03	0	192	50	2	0	9	2	0	45	xx
Chakdara	000	0	6	00	00	96	02	2	201	40	6	0	8	4	0	33	35
Peshawar	000	0	2	18	02	96	05	1	209	40	1	0	9	3	2	35	39
Haripur	000	3	4	23	04	97	03	1	216	42	0	0	9	0	5	32	39
Campbellpur	000	2	0	00	00	98	00	0	237	38	0	0	9	0	0	37	38
Bannu	000	0	0	00	00	99	00	0	187	42	0	0	9	0	0	35	42
D. I. Khan	000	2	1	00	00	98	01	1	197	44	0	0	9	0	1	43	40
Sibi	000	0	0	36	02	99	00	0	198	46	0	0	9	0	0	39	45
Nokkundi	000	0	0	36	02	58	00	0	191	41	0	0	9	0	0	34	40
Turbat	000	0	0	09	02	97	00	0	176	51	0	0	9	0	0	47	xx
Jiwani	000	0	7	36	03	97	03	2	169	67	5	5	5	4	0	55	63
Pasni	000	0	7	29	01	58	03	1	167	61	1	5	7	2	8	56	57
Ormara	000	0	0	29	00	98	02	1	169	59	0	0	9	0	0	51	55
Las Bela	000	0	0	00	00	98	00	0	190	54	0	0	9	0	0	25	45
Karachi (Manora)	000	0	2	00	00	95	05	1	176	60	0	0	9	0	1	38	57
Karachi (Air Port)	000	0	2	02	02	96	03	0	173	53	0	0	9	0	2	42	51
Badin	000	0	0	00	00	96	00	0	172	54	0	0	9	0	0	44	50
Nagarparker	000	0	0	00	00	98	00	0	143	65	0	0	9	0	0	50	61
Umarkot	000	0	0	00	00	96	00	0	153	53	0	0	9	0	0	41	49
Hyderabad	000	0	4	36	05	58	03	0	177	57	0	0	9	0	8	42	55
Pad-i-dan	000	0	3	36	07	96	03	0	187	50	0	0	9	0	4	43	46
Nawabshah	000	0	0	31	03	96	02	0	192	49	0	0	9	0	0	42	47
Sukkur	000	0	3	02	02	96	01	1	187	47	2	0	9	0	3	43	45
Kashmore	000	0	2	00	00	99	00	0	166	57	0	1	8	0	0	37	43
Jacobabad	000	0	4	00	00	58	03	0	154	51	0	0	9	0	1	41	47
Veraval																	
Jalalabad																	
Muscat																	
Kowait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	5	11	13	97	02	1	524	41	5	0	9	8	0	10	37
Dresh *	000	9	6	00	00	57	00	0	550	37	6	0	9	7	0	19	36
Cherat *	000	0	0	36	03	58	00	0	526	47	0	0	9	0	0	21	43
Kakul *	000	9	6	02	02	97	03	1	522	45	3	0	9	0	8	23	42
Landi Kotal *	000	0	3	00	04	99	03	0	500	37	0	0	9	3	2	23	33
Parachinar *	000	0	0	30	05	58	00	0	530	36	0	0	9	0	0	23	33
Miranshah *	000	0	0	00	00	59	00	0	495	38	0	0	9	0	0	24	35
Wana *	000	0	0	00	00	59	00	0	512	33	0	0	9	0	0	26	30
Fort Sandeman *	000	0	0	00	00	58	00	0	537	37	0	0	9	0	0	26	35
Hindubagh *	000	0	0	23	03	58	00	0	503	27	0	0	9	0	0	19	26
Loralai *	000	0	3	27	02	97	01	1	554	32	3	0	8	1	0	23	31
Harnai *	000	0	0	27	02	56	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	56	00	0	537	38	0	0	9	0	0	24	26
Chaman *	000	0	0	09	02	97	00	0	519	39	0	0	9	0	0	17	36
Kalat *	000	0	2	20	12	97	03	0	541	31	0	0	9	0	1	29	27
Nushki *	000	0	0	09	05	98	02	0	570	47	0	0	9	0	0	21	41
Dalbandin *	000	9	1	05	02	98	03	0	493	35	0	0	9	0	1	27	43
Panjgur *	000	0	0	05	02	58	00	0	505	40	0	0	9	0	0	30	38
Kabul *	000	0	0	00	00	59	00	0	514	32	0	0	9	0	0	21	26
Kandahar *																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	0	+3	0.4	-3.3	141.5	140
Chittagong	0	+1	1.4	-1.2	143.3	108
Maijdee Court	0	0	0	-1.8	144.7	115
Comilla	+1	+4	0.1	-1.5	107.8	94
Brahmanbaria	—	—	0	-1.3	85.7	76
Sylhet	—	—	0	—	193.9	—
Srimangal	+1	+1	0	-1.6	109.4	98
Mymensingh	+5	+3	0	-0.9	113.3	91
Narayanganj	+4	+2	0	-1.1	103.9	74
Dacca (Tezgaon)	—	—	0	—	103.6	—
Faridpur	+1	+3	0	-1.2	116.6	71
Barisal	-1	+4	0	-1.8	140.5	81
Khulna		+7	0	-1.2	102.8	68
Satkhira	-1	+6	0	-1.8	82.1	65
Jessore	0	+2	0	-1.1	105.8	65
Sirajganj	+4	+1	0	-0.8	107.7	64
Bogra	+1	+3	0	-0.8	104.4	69
Dinajpur	+4	+4	0	-0.4	66.9	72
Rangpur	-3	+3	0	-0.4	92.4	84
Jammu						—
Lahore (Jail Rd.)	-3	0	1.1	+1.0	27.1	19
Sialkot	-4	+2	3.1	+2.8	61.8	32
Jhelum	—	—	5.0	—	55.2	—
Rawlpindi	-1	0	3.6	+3.0	55.9	36
Khushab	0	x	1.1	+0.9	23.5	15
Lyallpur	+2	0	0.4	+0.2	18.6	12
Montgomery	-3	-1	0.1	0	8.5	10
Multan	+1	+3	0.1	0	8.3	7
Leiah	—	—	2.5	—	7.0	8
Khanpur	-3	+1	0	-0.1	1.4	6
Bahawalpur	-3	+2	0.1	0	6.6	6
Fort Abbas	—	—	1.0	—	10.2	4
Chakdara	—	—	5.7	—	32.1	—
Peshawar	0	-2	5.0	+4.6	28.5	14
Haripur	—	—	4.5	—	35.7	—
Campbellpur	—	—	4.4	—	40.4	—
Bannu	—	—	2.5	—	15.4	11
D. I. Khan	0	-1	1.7	+1.5	16.6	10
Sibi	—	—	4.1	—	9.3	5
Nokkundi	—	—	0.7	—	1.8	2
Turbat	—	—	1.6	—	8.9	—
Jiwani	—	—	1.1	—	7.7	4
Pasni	0	0	0.3	-0.2	13.4	6
Ormara	—	—	2.7	—	6.8	6
Las Bela	—	—	0.4	—	7.3	6
Karachi (Manora)	+1	-3	1.6	+1.5	18.1	8
Karachi (Air Port)	—	—	3.3	—	26.1	—
Badin	+1	-1	0.3	+0.1	11.5	9
Nagarparker	—	—	0	—	30.1	—
Umarkot	—	—	r.5	—	20.8	—
Hyderabad	-2	+3	0.5	+0.5	19.6	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	-2	+1	0.3	+0.2	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kowait						—
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	-2	+2	5.9	+4.7	84.4	59
Dresh *	-1	+1	4.6	—	35.3	18
Cherat *	+4	0	6.0	+5.1	37.4	29
Kakul *	—	—	4.9	—	60.1	—
Landi Kotal *	—		3.9	—	32.8	—
Parachinar *	+1	+1	6.0	—	34.1	29
Miranshah *	—	—	1.1	+0.9	8.1	13
Wana *	—	—	1.2	—	15.3	—
Fort Sandeman *	+3	+1	5.0	+4.8	21.0	11
Hindubagh *	—	—	4.7	—	17.7	—
Loralai *	—	—	3.6	—	16.2	—
Harnai *	—	—	5.9	+5.4	18.7	
Quetta *	—	—	2.3	+1.7	12.6	14
Chaman *	+3	-1	1.5	+0.5	7.8	8
Kalat *	-1	+1	1.7	+1.2	13.6	7
Nushki *	—	—	0.7	—	3.7	9
Dalbandin *	+1	-3	0.6	+0.4	2.8	—
Panjgur *	-1	-3	0.1	—	4.2	5
Kabul *	—	—	—	—	—	14
Kandahar *						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 12th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ... W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N. Ch. h.	O T. T. T_d T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ishkibokh										
Dwarka	63 206	685 06	1 05 12	99 xx 0	xxx 77					
Asia	63 249	604 06	4 11 02	99 01 1	178 73	21 7 01	15 2 20		05 1 55	1 15 21
Dwarka	63 207	613 06	6 05 09	98 02 1	372 79	64 5 00	57 21 6		0 52 63	1 50 00
Asia	63 247	618 12	4 10 05	99 02 0	147 73	32 7 08	15 40 0		0 51 55	1 09 21
Dwarka	63 196	597 12	0 36 08	98 02 0	132 77	00 9 00	57 60 8		0 54 60	1 36 21
Asia	63 180	571 12	0 04 09	98 02 0	195 79	00 9 00	15 20 3		0 52 53	1 04 21
Wainadrecht	63 227	673 18	0 02 13	98 xx 0	xxx 73					
Ishkibokh	63 134	738 18	5 30 05	98 02 0	122 83	00 9 07	74 01 1		0 00 57	1 20 00
Alnaryada	63 191	581 18	6 04 29	98 02 2	210 75	00 9 09	15 21 0		0 52 53	1 04 21
Wainadrecht										

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd	HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	00 00	013 118 042	Missda	..	..	..	...	—	—	...	...	...	..	..
Jiwani														
Karachi	00 00	..	128 128 025	..	148 138 572	..	312 088 999	438 015 999	583 568 999	752 675 999	...	..	—	—
Lahore														
Multan														
Peshawar	00 00	976 058 015	—	—	147 065 515	...	306 512 628	427 602 715	567 672 808	730 772 999	931 922	..	—	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached	TROPOPAUSE	
										PPPTTT TdTdTd	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	Missda	...	..	..	..	..	..	—	..	—	—	—
Jiwani													
Karachi	00 00	990 182 545	835 178 552	806 092 578	759 045 665	723 095 999	—	—	—	—	723 095 999	—	—
Lahore													
Multan													
Peshawar	00 00	900 072 005	800 052 565	350 840 999	250 008 999	215 082 999	—	..	..	—	215 082 999	..	—
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									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	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION		3	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 ...	36 09	35 08	35 07	33 04	30 12	28 15	26 11			01 10	01 08	04 06	07 07	26 09	28 09	34 04	35 08	36 05	04 05	27 04	26 11	24 15	25 21	26 19	..	...
Chaklala ...	..	26 03	18 02	10 08	13 07	22 08	24 17	25 21	25 28	...	07 05	10 03	12 09	12 01											..	..
Chhor ...	31 07	20 03	30 03	17 07	19 12	23 20	22 24	23 34	24 42	06 29	07 15	02 68	xx 06	22 12	24 23	03 05	08 05	05 04	18 07	18 22	23 36	14 37	24 36	25 38	..	...
Chittagong ...	03 08	19 04	19 05	23 09	29 04		—		—	02 12	02 06	33 03	22 06	20 10	17 04	33 03	30 03	28 03	18 07	19 14	22 04	23 10	25 16	25 16	26 20	27 39
Cox's Bazar ...	04 04	21 03	15 02	25 07	23 12	16 04				01 09	36 05	04 05	14 07	19 13	26 01	03 06	36 03	06 02	13 09	18 11	04 02	24 10	25 10	28 14	27 16	28 27
Dacca ...	31 16	32 05	35 04	30 04	29 06	28 13	28 13	34 17	32 15	36 10	36 09	36 08	25 06	24 10	29 08	36 07	34 11	33 03	24 10	24 12	25 07	24 16	24 24	25 25	24 25	28 27
Dalbandin ...	...		07 05	08 07	07 04	02 04	23 24	24 30	24 37	—		07 12	28 11	21 05	27 04		...	08 07	15 09	19 06	22 03	26 27	26 35	26 40	25 49	25 69
D. I. Khan ...	..	—								—	—	—				—	—	—	—						..	..
Drosh ...	—		...	—	35 01	16 01	23 04	34 03	...	—	—	—	13 02	14 03	12 04	..	..	—	..	03 08	02 17	08 08	..	...	...	..	..
Fort Sandeman ...	—			30 01	23 02	25 05	25 27	25 28	24 30	—		—	23 01	30 02	08 03		..	—	30 01	11 01	14 04	23 22	24 28	24 34	25 64	24 59
Jacobabad ...	34 03	04 03	04 02	31 07	25 06	26 13	24 29		—	09 06	04 06	04 04	28 03	35 02		09 07	04 02	01 03	01 04	36 04	23 21	26 33	25 41	24 49	..	..
Jacobabad ...	33 10	xx xx	36 08	35 08	35 07	28 09				36 23	36 13	27 07	27 07	26 07	26 05											
Jhelum ...	21 01	33 02	33 01	16 03	14 07	20 19	23 21	25 32	24 44	34 02	04 11	13 01	16 05	18 07	17 16	21 01	15 06	14 07	14 07	14 08	17 19	21 16	22 25	22 31	23 37	..
Jiwani ...	10 11	10 08	12 05	07 03						36 07	30 03	22 03	14 04	19 05	—	03 35	09 01	18 02	19 06							
Karachi ...	11 05	06 03	06 04	05 04	19 07	23 18	25 27	24 31	25 35	04 68	01 10	36 09	04 02	13 05		03 06	01 09	22 06	34 03	31 12	24 33	24 40	24 41	25 41	..	..
Khanpur ...	03 07	03 08	03 05	25 04	22 09	23 20	24 30			08 15	07 17	05 14	02 07	30 12	28 10	05 13	05 12	08 09	28 04	22 12	21 06	23 28			..	..
Lahore ...	34 03	33 03	34 05	31 03	01 01	22 12	23 17	25 27	25 37	06 07	02 04	01 03	24 03	22 08	18 09	05 01	11 01	16 04	18 08	22 15	20 09	23 17	23 27	23 30	—	..
Multan ...	07 05	08 04	08 03	04 03	31 03	22 13	25 23	24 29	25 37	10 07	04 07	05 68	34 04	15 03	23 12	08 05	07 08	07 08	11 04	02 04	22 11	22 33	24 38	25 45	...	..
Mianwali ...	—	—	—	—						—						—	—	—	—	—	—	—	—	—	..	..
Panjgur ...	—															—	..	—	—	—	—	..	—		..	..
Peshawar ...	—	17 01	30 00	33 06	36 05	13 03	24 13	25 29	25 33		08 01	33 01	34 06	08 04	00 00	—	..	—	—	—	—	—	—	—	..	..
Quetta ...	—	—	—	—	30 04	28 02	25 28	24 31	24 31	—		—	—	29 03	23 13	—	—	—	..	20 02	19 06	25 24	25 35	25 37	..	..
Sharjah ...																									..	..
Sylhet ...	17 03	11 05	11 08	18 08	21 10	27 18	—			09 14	08 10	01 11	18 10	22 12	26 10	09 09	10 09	18 05	20 12	23 15	26 12	25 15	22 32	22 27	25 27	—
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	10.1	12.3	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 ...	Missd																	
Karachi ...	04 15	22 15	33 14	02 12	19 04	22 21	24 37	24 44	24 45	25 78	—	..	—	—	—	—	—	—
Peshawar ...	Missda	..	—	—	—		..	—	—	—	—		—	—	—	—	—	—
Quetta ...											—		—	—	—	—	—	—

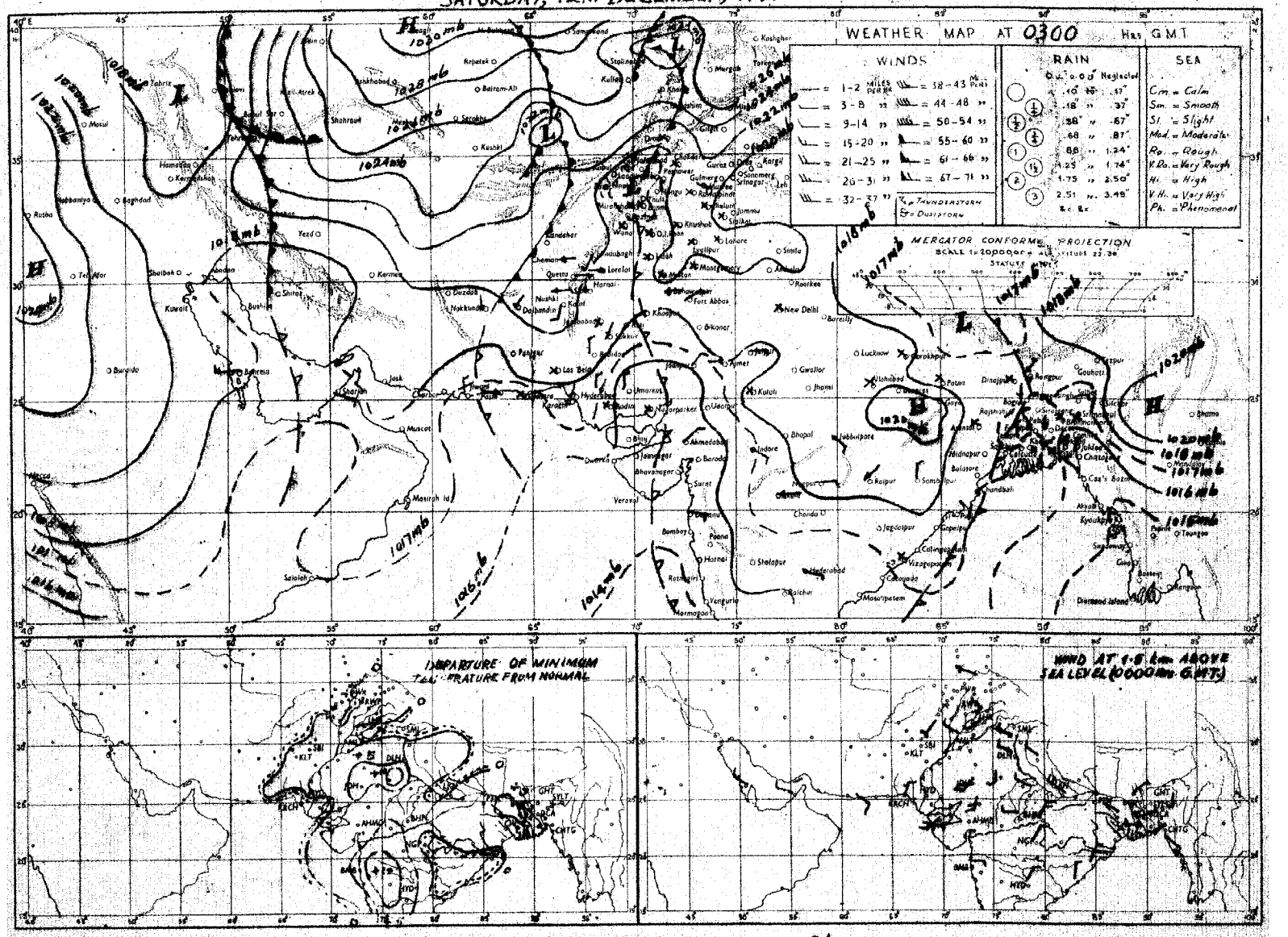
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central, Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 12th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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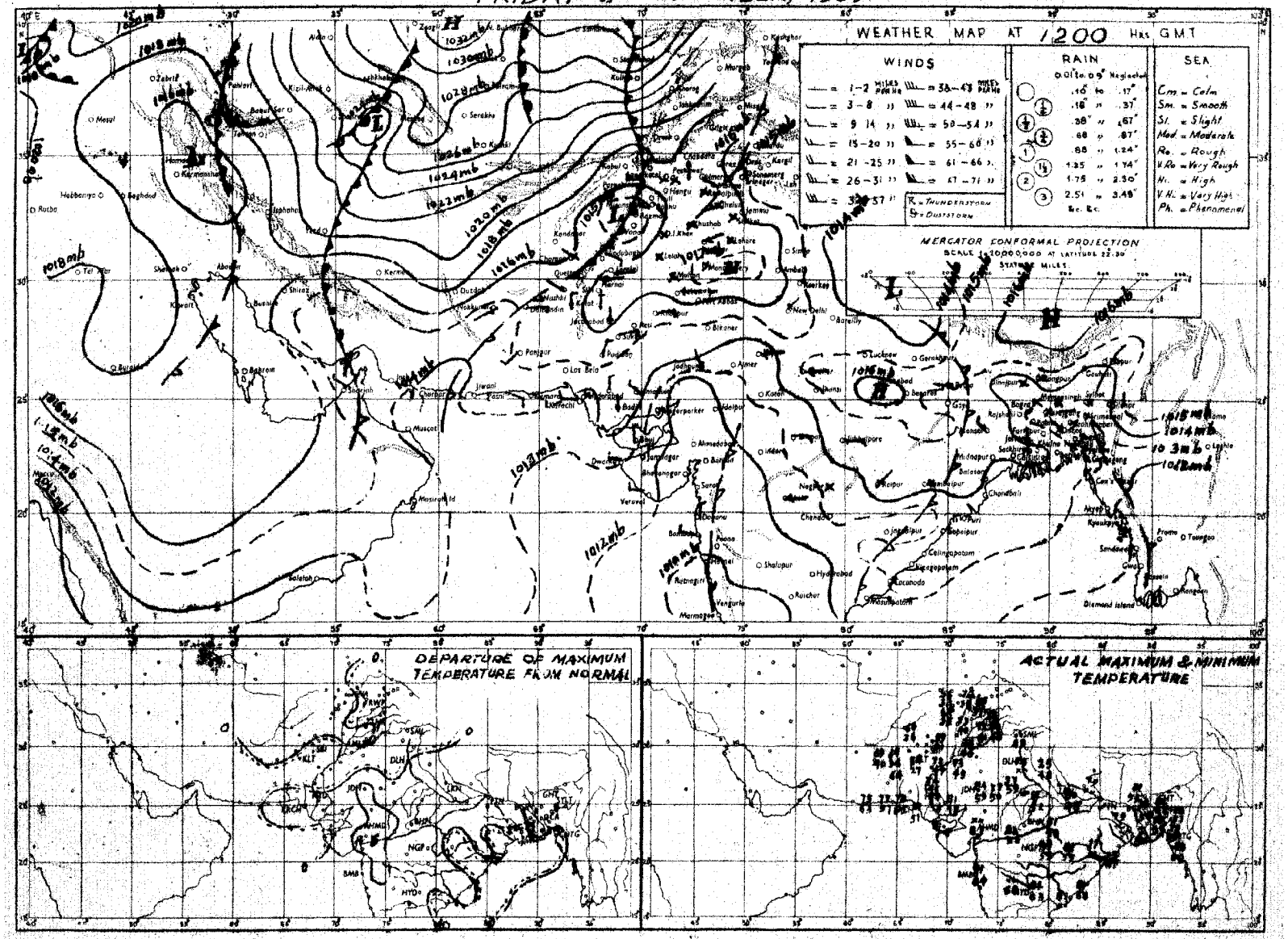
PAKISTAN DAILY WEATHER MAP

FRIDAY 11th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 13th NOVEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is now moving across East Russian Turkistan.
A secondary western disturbance was induced last evening bordering Kalat division which now lies over Kalat division and is less marked.
Weather remained dry over the country.
Night temperatures were:- 4—6 °F below normal in lower Chittagong divisions and were 3—6°F above normal in north Kalat, Quetta, Khairpur, Bahawalpur, Multan and Lahore divisions.
Forecast valid until the evening of 14th November, 1959. Weather will continue to be dry over the country.

Karachi-11
The 13th November, 1959.

K. U. SIDDIQI
for Director, Meteorological Service

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	29	03	95	01	0	116	74	0	0	9	0	1	63	81
	Chittagong	000	0	0	00	00	xx	00	0	116	74	0	0	9	0	0	63	81
	Maijdee Court	000	9	9	00	00	xx	00	0	119	72	9	x	0	x	x	65	79
	Comilla	000	0	0	00	00	xx	00	0	117	74	0	0	9	0	0	72	82
	Brahmanbaria	000	0	0	00	00	xx	00	1	118	74	0	0	9	0	0	66	82
	Sylhet	000	0	0	27	02	xx	01	0	112	71	0	0	9	0	0	65	82
	Srimangal	000	0	0	00	00	xx	00	0	120	73	0	0	9	0	0	66	82
Dacca	Mymensingh	000	0	8	00	00	98	00	0	118	77	0	0	9	0	0	64	82
	Narayanganj	000	9	0	00	00	xx	05	0	115	76	0	8	9	0	0	64	83
	Dacca (Tejgaon)	000	9	1	00	00	97	01	1	111	73	1	5	6	0	0	65	80
	Faridpur																	
	Barisal	000	0	0	00	00	97	02	2	121	75	0	0	9	0	0	67	83
Rajshahi	Khulna	000	0	8	00	00	xx	00	0	123	77	0	0	9	0	0	63	83
	Satkhira	000	0	0	00	00	95	00	0	120	75	0	0	9	0	0	65	81
	Jessore	000	0	4	36	02	97	02	1	136	81	4	4	6	0	0	68	81
	Sirajganj	0'0	0	0	00	00	92	00	1	1.8	73	0	0	9	0	0	71	83
	Bogra	000	0	8	00	00	xx	02	1	113	75	0	0	9	0	0	69	81
	Dinajpur	000	0	0	00	00	x.	00	0	110	77	0	0	9	0	0	66	85
	Rangpur	000	0	2	00	00	96	01	1	xxx	72	1	5	6	1	0	67	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	135	73	0	0	9	0	0	58	80
	Sialkot	000	0	0	00	00	98	00	0	127	71	0	0	9	0	0	60	77
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	131	73	0	0	9	0	0	57	83
	Rawalpindi	000	0	0	20	02	99	00	0	137	67	0	0	9	0	0	54	74
	Khushab	000	0	0	00	00	99	00	0	134	79	0	0	9	0	0	57	82
Multan	Lyallpur	000	0	0	00	00	96	00	0	125	78	0	0	9	0	0	51	84
	Montgomery	000	0	0	23	02	96	00	0	113	76	0	0	9	0	0	57	83
	Multan	000	0	1	00	00	98	03	0	128	81	0	0	9	0	1	51	85
Bahawalpur	Leiah	000	0	4	00	00	97	04	0	131	80	0	0	9	0	2	56	81
	Khanpur	000	0	0	00	00	96	02	0	124	65	0	0	9	0	0	59	88
	Bahawalpur	000	0	0	00	00	97	00	0	120	83	0	0	9	0	0	60	83
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	23	02	97	00	0	107	68	0	0	9	0	0	46	73
	Peshawar	000	0	1	00	00	98	02	0	132	70	1	1	7	0	1	54	80
	Haripur	000	0	0	23	03	97	02	0	112	71	0	0	9	0	0	49	78
	Campbellpur	000	0	0	13	00	98	00	0	148	70	0	0	9	0	0	51	77
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	127	72	0	0	9	0	0	61	78
	D. I. Khan	000	6	0	00	00	98	00	0	123	77	0	0	9	0	0	58	81
Quetta	Sibi	000	0	0	18	02	99	00	0	133	83	0	0	9	0	0	46	85
Kalat	Nokkundi	000	0	0	18	02	99	02	0	120	82	0	0	9	0	0	31	83
	Turbat	000	0	0	27	02	98	00	0	163	94	0	0	9	0	0	57	95
	Jiwani	000	0	0	23	05	97	02	0	126	83	0	0	9	0	0	53	90
	Pasni	000	0	2	16	07	98	00	0	118	83	2	0	9	0	8	43	9.
	Ormara	0.0	0	4	18	03	98	01	1	117	84	4	0	9	0	1	72	88
	Las Bela	000	0	0	00	xx	98	00	0	145	89	0	0	9	0	0	75	96
Karachi Federal Area / Hyderabad	Karachi (Manora)	000	0	4	27	12	98	03	2	114	82	0	0	9	0	4	76	85
	Karachi (Air Port)	000	0	5	23	04	96	01	2	125	83	0	0	9	0	1	53	89
	Badin	000	0	0	33	00	97	00	0	137	82	0	0	9	0	0	50	88
	Nagarparkar	000	0	0	27	02	98	00	0	xxx	90	9	0	9	0	0	66	91
	Umarkot	000	0	7	36	02	98	00	0	109	85	0	0	9	0	2	44	87
	Hyderabad	000	0	5	00	00	97	03	0	124	84	2	0	9	2	8	52	89
Khairpur	Pad-i-dan	000	0	2	31	03	98	03	0	124	84	0	0	9	0	1	42	87
	Nawabshah	000	0	2	00	00	97	01	2	130	85	0	0	9	0	5	41	88
	Sukkur	000	4	1	11	02	96	01	0	121	82	0	0	9	0	3	53	88
	Kashmore	000	0	0	xx	00	99	00	0	123	82	0	0	9	0	0	45	85
	Jacobabad	000	0	1	31	02	8	02	0	125	83	0	0	9	0	2	50	86
Jamagadh-Afghanistan	Yarewal																	
	Jalalabad																	
Pers. Gulf	Mascat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	27	02	99	00	0	311	80	0	0	9	0	0	43	86
Peshawar	Drosh	000	0	1	00	00	97	03	0	312	57	1	0	9	5	0	25	68
	Cherat	000	0	0	34	01	98	00	0	318	57	0	0	9	0	0	45	66
	Kakul	000	0	0	16	03	99	00	0	512	60	0	0	9	0	0	41	73
	Landi Kotal	000	0	0	08	00	99	00	0	503	63	0	0	9	0	0	xx	68
	Parachinar	000	0	0	09	02	99	00	0	800	58	0	0	9	0	0	57	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	500	67	0	0	9	0	0	42	71
	Wana	000	0	0	11	03	99	00	0	473	64	0	0	9	0	0	23	70
	Fort Sandeman	000	0	0	00	00	98	02	0	305	49	0	0	9	0	0	31	72
Quetta	Hindubagh	000	0	0	25	08	96	00	0	464	63	0	0	9	0	1	25	67
	Loralai	000	0	2	23	03	98	01	1	363	65	0	0	8	0	0	33	70
	Harnai	000	0	0	37	02	98	00	0	xxx	xx	0	0	9	1	1	xx	xx
	Quetta	000	0	3	31	02	95	00	0	513	62	0	0	7	1	1	50	64
	Chaman	000	3	2	31	02	97	03	1	522	60	0	0	8	0	1	46	69
Kalat	Kalat	000	0	0	34	05	98	00	0	522	58	0	0	9	0	0	28	64
	Nushki	000	3	5	31	11	98	03	0	370	74	5	0	9	0	1	34	75
	Dalbandin	000	4	1	05	02	98	03	0	534	73	0	0	9	0	1	31	77
	Panjgur	000	0	0	36	03	98	00	0	520	72	0	0	9	0	0	38	72
Afghanistan	Kabul	000	0	0	36	00	99	00	0	574	53	0	0	9	0	0	44	61
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	2	02	02	97	03	0	140	75	2	1	7	0	0	64	64
Chittagong	000	0	1	09	10	96	01	1	144	74	1	1	6	0	0	67	62
Maijdee Court	000	9	0	00	03	98	00	4	146	75	0	0	9	0	0	63	63
Comilla	000	0	0	00	00	97	00	0	142	74	0	0	9	0	0	63	67
Brahmanbaria	0'0	0	0	00	00	97	00	0	154	75	0	0	9	0	0	65	64
Sylhet	000	0	1	09	05	97	02	0	146	72	1	1	4	0	1	65	61
Srimangal	000	0	1	00	00	xx	01	0	150	74	1	1	7	0	0	67	56
Mymensingh	000	0	0	00	00	98	00	0	155	75	0	0	9	0	0	64	65
Narayanganj	000	9	0	09	02	95	05	4	148	75	0	0	9	0	0	65	67
Dacca (Tejgaon)	000	2	0	00	00	96	02	4	146	75	0	0	9	0	0	67	62
Faridpur	000	9	0	36	02	95	05	0	149	73	0	0	9	0	0	62	64
Barisal	000	0	6	00	00	97	02	2	144	74	6	0	9	4	0	66	64
Khulna	000	0	0	00	00	97	00	0	150	76	0	0	9	0	0	63	66
Satkhira																	
Jessore	000	0	0	36	02	97	00	0	161	72	0	0	9	0	0	64	63
Sirajganj	000	0	0	31	07	98	00	0	140	75	0	0	9	0	0	70	65
Bogra	000	0	0	31	05	96	02	0	151	73	0	0	9	0	0	65	65
Dinajpur	000	0	0	00	00	96	02	2	149	72	0	0	9	0		62	60
Rangpur	000	0	2	05	02	96	01	0	xxx	72	1	5	6	1	0	66	62
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	160	61	0	0	9	0	0	58	53
Sialkot	000	0	0	00	00	96	00	0	157	62	0	0	9	0	0	53	54
Jhelum	000	0	0	00	00	94	10	0	64	55	0	0	9	0	0	52	51
Rawalpindi	000	0	0	00	00	99	00	0	87	51	0	0	9	0	0	48	46
Khushab	000	0	0	00	00	9x	00	0	156	62	0	0	9	0	0	53	55
Lyallpur	000	0	0	00	00	95	03	0	157	56	0	0	9		0	54	53
Montgomery	000	0	0	00	00	96	00	0	154	58	0	0	9	0	7	50	53
Multan	000	0	0	00	00	94	04	0	161	61	0	0	9	0	1	54	54
Leiah	000	0	4	36	07	97	04	0	127	59	0	0	9	0	2	57	53
Khanpur	000	0	0	11	02	96	02	0	157	62	0	0	-	0	0	46	54
Bahawalpur	000	0	0	00	0-	97	00	0	151	65	0	0	9	0	0	51	52
Fort Abbas																	
Chakdara	000	0	0	00	00	xx	00	0	154	49	0	0	9	0	0	49	45
Peshawar	000	0	0	00	00	98	02	0	170	52	0	0	9	0	0	48	53
Haripur	000	0	0	23	04	97	00	0	155	53	0	0	9	0	0	70	50
Campbellpur	..	..	..	—	..	.	—	..	..	—	..	..	..	—	—	—	..
Bannu	000	0	0	00	00	99	00	0	165	51	0	0	9	0	0	49	51
D. I. Khan	000	0	0	00	00	98	03	0	157	56	0	0	9	0	0	54	52
Sibi	000	0	0	31	02	99	00	0	157	57	0	0	9	0	0	51	55
Nokkundi	000	0	0	05	02	99	00	0	163	60	0	0	9	0	0	23	54
Turbat	000	0	0	0-	02	96	00	-	178	62	0	0	9	0	0	41	xx
Jiwani	000	0	0	00	00	97	02	0	147	67	0	0	9	0	0	66	63
Pasni	000	0	0	29	02	98	00	0	146	62	0	0	9	0	0	59	60
Ormara	000	0	-	00	00	98	00	0	144	67	0	0	9	0	0	64	62
Las Bela	000	0	0	00	00	98	00	(	188	72	0	0	9	0	0	43	69
Karachi (Manora)	000	0	4	02	09	95	05	1	147	71	0	0	9	0	1	57	68
Karachi (Air Port)	000	0	5	36	07	97	03	1	151	62	0	0	9	0	6	53	56
Badin	000	0	0	23	02	96	00	0	158	64	0	0	9	0	0	68	56
Nagarparker	000	0	0	31	02	98	00	0	018	81	0	0	9	0	0	65	76
Umarkot	000	0	4	00	00	98	00	0	135	59	0	0	9	0	2	46	53
Hyderabad	000	0	3	00	00	97	03	0	148	64	0	0	9	0	8	49	60
Pad-i-dan	000	0	1	00	00	96	01	0	154	59	0	0	9	0	1	51	52
Nawabshah	000	0	2	00	00	97	03	0	156	58	0	0	9	0	1	49	52
Sukkur	000	9	0	16	02	96	00	0	152	61	0	0	9	0	0	56	57
Kashmore	000	0	0	xx	xx	99	00	0	165	64	0	0	9	0	0	53	50
Jacobabad	000	0	0	00	00	98	02	0	152	63	0	0	9	0	0	50	58
Yarewal																	
Jalalabad																	
Mascat																	
Kuwait																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	0	0	27	02	99	00	0	323	46	0	0	9	0	0	31	41
Drosh	000	0	0	00	00	98	02	0	547	43	0	0	9	0	0	29	43
Cherat	000	0	0	36	05	98	00	0	527	55	0	0	9	0	0	46	47
Kakul	000	0	0	31	02	98	02	0	517	51	0	0	9	0	0	39	48
Landi Kotal	000	0	0	08	08	99	00	0	509	49	0	0	9	0	0	35	41
Parachinar	000	0	0	00	00	99	00	0	798	45	0	0	9	0	0	xx	xx
Miranshah	000	0	0	00	00	9.	00	0	498	48	0	0	9	0	0	42	45
Wana	000	0	0	00	00	99	00	0	495	41	0	0	9	0	0	32	39
Fort Sandeman	000	0	0	00	00	98	02	0	521	49	0	0	9	0	0	32	44
Hindubagh	000	0	0	23	01	99	00	0	515	44	0	0	9	0	0	24	43
Loralai	000	0	0	27	02	98	00	0	354	42	0	0	9	0	0	32	40
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	95	00	0	529	46	0	0	9	0	0	33	33
Chaman	000	0	0	09	02	97	00	0	534	51	0	0	9	0	0	29	47
Kalat	000	0	0	18	02	98	00	0	541	44	0	0	9	0	0	27	37
Nushki	000	0	0	09	02	98	07	0	580	63	0	0	9	0	0	15	55
Dalbandin	000	0	0	05	05	98	02	0	496	45	0	0	9	0	0	21	43
Panjgur	000	0	0	05	02	98	00	0	512	40	0	0	9	0	0	28	46
Kabul	000	0	0	32	02	99	00	0	547	47	0	0	9	0	0	27	31
Kandahar																	

Departures from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal
Cox's Bazar	— 4	— 4		— 2.3	141.1	140
Chittagong	— 2	— 5	0	— 1.4	142	178
Maijdee Court	— 4	— 2	0	— 1.1	144.7	1 5
Comilla	— 3	+ 2	0	— 0.9	107.7	94
Brahmanbaria	—	—	0	— 0.8	85.2	76
Sylhet	—	—	0	—	195.9	—
Srimangal	— 5	— 5	0	— 1.1	189.4	.8
Mymensingh	— 1	— 1	0	— 0.6	113.3	91
Narayanganj	— 1	0	0	— 0.7	103.9	74
Dacca (Tejgaon)	—	—	0	—	103.6	—
Faridpur		— 1	0	— 0.8	116.6	71
Barisal	— 3	— 2	0	— 1.0	140.3	81
Khulna	0	+ 1	0	— 0.8	102.8	80
Satkhira	— 4		0			65
Jessore	—	—	0	— 0.7	105.8	63
Sirajganj	—	—		— 0.3	107.7	64
Bogra	— 1	+ 2	0	— 0.7	164.4	69
Dinajpur	+ 2	— 2	(	— 0.2	84.9	72
Rangpur	—	—	0	— 0.3	93.4	84
Jammu						—
Lahore (Jail Rd.)	— 4	+ 6	1.1	+ 1.1	27.1	19
Sialkot	— 5	+ 4	3.1	+ 3.1	61.9	32
Jhelum	—	—	3.4	—	83.5	—
Rawalpindi	— 4	+ 2	3.2	+ 3.1	55.5	36
Khushab	— 2	+ 4	1.1	+ 1.1	34.5	15
Lyallpur	+ 2	+ 4	0.7	+ 0.7	19.8	12
Montgomery	+ 2	+ 1	0.1	+ 0.1	8.5	10
Multan	+ 1	+ 3	0.1	+ 0.1	8.3	7
Leiah	—	—	2.5	—	9.6	8
Khanpur	+ 1	+ 3	0	0	4.4	4
Bahawalpur	— 2	+ 1	0.1	+ 0.1	6.4	6
Fort Abbas						4
Chakdara	—	—	5.4	—	21.8	—
Peshawar	+ 3	+ 1	5.0	+ 5.0	27.5	14
Haripur	—	—	4.0	—	36.1	—
Campbellpur	—					—
Bannu	—	—	2.4	—	15.2	11
D. I. Khan	— 2	+ 3	1.5	+ 1.5	16.5	10
Sibi	—	—	4.0	—	9.2	5
Nokkundi	—	—	0.5	—	1.6	2
Turbat	—	—	0.6	—	7.0	—
Jiwani	—	—	0.8	—	7.5	4
Pasni	+ 4	0	0.3	+ 0.3	3.4	6
Ormara	—	—	2.7	+ 2.7	6.0	4
Las Bela	—	—	0.4	—	7.3	9
Karachi (Manora)	— 1	+ 1	1.6	+ 1.5	18.1	9
Karachi (Air Port)	—		3.3		26.1	—
Badin	— 4	— 2	0.4	+ 0.3	11.5	9
Nagarparker	—	—	(	—	20.5	—
Umarkot	—	—	0.5	—	20.8	—
Hyderabad	— 1	— 1	0.5	+ 0.5	13.9	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	— 1	+ 4	0.3	+ 0.3	4.7	4
Yarewal						20
Jalalabad						—
Mascat						4
Kuwait						—
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 2	— 1	4.2	+ 4.0	82.6	59
Drosh	+ 3	— 1	3.1	—	33.8	18
Cherat	— 1	— 3	5.7	+ 5.5	37.1	29
Kakul	—	—	4.4	—	59.4	—
Landi Kotal	—	—	3.9	—	22.8	—
Parachinar	—	—	5.9	—	33.4	29
Miranshah	—	—	1.1	+ 1.1	8.1	13
Wana	—	—	—	—	—	—
Fort Sandeman	— 1	+ 2	4.7	+ 4.7	30.7	11
Hindubagh	—	—	3.3	—	16.0	—
Loralai	—	—	4.3	—	17.2	—
Harnai	—	—	5.9	+ 3.8	18.7	14
Quetta	—	—	1.8	+ 1.8	12.0	8
Chaman	0	+ 4	0.4	+ 0.4	6.7	7
Kalat	0	+ 6	1.1	+ 1.1	12.1	9
Nushki	—	—	0.6	—	3.9	—
Dalbandin	— 2	+ 1	0.2	+ 0.2	2.6	5
Panjgur	—	—	0.1	—	4.2	4
Kabul	—	—	—	—	—	—
Kandahar						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 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.
Wherever 999 is given for RRR see the summary above for the actual amounts of rainfall.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 13th NOVEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is now moving across East Russian Turkistan.
A secondary western disturbance was induced last evening bordering Kalat division which now lies over Kalat division and is less marked.
Weather remained dry over the country.
Night temperatures were:- 4—6 °F below normal in lower Chittagong divisions and were 3—6°F above normal in north Kalat, Quetta, Khairpur, Bahawalpur, Multan and Lahore divisions.
Forecast valid until the evening of 14th November, 1959. Weather will continue to be dry over the country.

Karachi-11
The 13th November, 1959.

K. U. SIDDIQI
for Director, Meteorological Se

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	1	29	03	95	01	0	116	74	0	0	7	0	1	63	81
	Chittagong	000	0	0	00	00	xx	00	0	116	74	0	0	9	0	0	63	61
	Halldea Court	000	9	9	00	00	xx	00	0	119	72	9	x	0	x	x	65	79
	Comilla	000	0	0	00	00	xx	00	0	117	74	0	0	9	0	0	72	82
	Brahmanbaria	000	0	0	00	00	xx	00	1	118	74	0	0	9	0	0	66	82
	Sylhet	000	0	0	27	02	xx	01	0	112	71	0	0	9	0	0	65	82
	Srimangal	000	0	0	00	00	xx	00	0	120	73	0	0	9	0	0	66	82
Dacca	Mymensingh	000	0	0	00	00	98	00	0	118	77	0	0	9	0	0	64	82
	Narayanganj	000	9	0	00	00	xx	05	0	115	76	0	0	9	0	0	64	83
	Dacca (Tezgaon)	000	9	1	00	00	97	01	1	111	73	1	5	6	0	0	65	87
	Faridpur	...								...								
	Barisal	000	0	0	00	00	97	02	2	121	75	0	0	9	0	0	67	87
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	123	77	0	0	9	0	0	63	83
	Satkhira	000	0	0	00	00	95	00	0	120	75	0	0	9	0	0	65	81
	Jessore	000	0	4	36	02	97	02	1	136	81	4	4	6	0	0	68	81
	Sirajganj	0 0	0	0	00	00	91	00	1	1 8	73	0	0	9	0	0	71	83
	Bogra	000	0	0	00	00	xx	02	1	113	75	0	0	9	0	0	69	81
	Dinajpur	000	0	0	00	00	x	00	0	110	77	0	0	9	0	0	66	85
	Rangpur	000	0	2	00	00	96	01	1	xxx	72	1	5	6	1	0	67	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	135	73	0	0	9	0	0	58	80
	Sialkot	000	0	0	00	00	98	00	0	127	71	0	0	9	0	0	60	77
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	13	73	0	0	9	0	0	57	82
	Rawalpindi	000	0	0	20	02	99	00	0	137	67	0	0	9	0	0	54	74
	Khushab	000	0	0	00	03	99	00	0	134	79	0	0	9	0	0	57	82
Multan	Lyallpur	000	0	0	00	00	96	00	0	125	78	0	0	9	0	0	51	84
	Montgomery	000	0	0	23	02	96	00	0	113	76	0	0	9	0	0	57	83
	Multan	000	0	1	00	00	98	03	0	128	81	0	0	9	0	1	51	85
Bahawalpur	Leiah	000	0	4	00	00	97	04	0	131	80	0	0	9	0	2	56	81
	Khanpur	000	0	0	00	00	96	02	0	124	85	0	0		0	0	59	88
	Bahawalpur	000	0	0	00	00	97	00	0	120	83	0	0	9	0	0	60	83
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	23	02	97	00	0	107	68	0	0	9	0	0	46	73
	Peshawar	000	0	1	00	00	98	02	0	132	70	1	1	7	0	1	54	80
	Haripur	000	0	0	23	03	97	00	0	112	71	0	0	9	0	0	49	78
	Campbellpur	000	0	0	13	00	98	00	0	148	70	0	0	9	0	0	51	77
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	127	72	0	0	9	0	0	61	78
	D. I. Khan	000	6	0	00	00	98	00	0	123	77	0	0	9	0	0	58	81
Quetta	Sibi	000	0	0	18	02	99	00	0	133	83	0	0	9	0	0	46	85
Kalat	Nokkundi	000	0	0	18	02	99	02	0	120	82	0	0	9	0	0	31	83
	Turbat	000	0	0	27	02	98	00	0	163	94	0	0	9	0	0	57	95
	Jiwani	000	0	0	23	05	97	02	0	126	83	0	0	9	0	0	53	90
	Pasni	000	0	2	16	07	98	00	0	118	83	2	0	9	0	8	43	9
	Ormara	0 0	0	4	18	03	96	01	1	117	84	4	0	9	0	1	72	68
	Las Bela	000	0	0	00	xx	98	00	0	145	89	0	0	9	0	0	75	96
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	27	12	98	03	2	114	82	0	0	9	0	4	76	85
	Karachi (Air Port)	000	0	5	23	02	96	01	2	125	83	0	0	9	0	1	53	89
	Badin	000	0	0	23	00	97	00	0	137	82	0	0	9	0	0	50	88
	Nagarparker	000	0	0	27	02	98	00	0	xxx	90	0	0	9	0	0	66	91
	Umarkot	000	0	7	36	02	98	00	0	109	85	0	0	9	0	2	44	87
	Hyderabad	000	0	5	00	00	97	03	0	124	84	2	0	9	2	8	52	89
Khairpur	Pad-i-dan	000	0	2	31	03	98	03	0	124	84	0	0	9	0	1	42	87
	Nawabshah	000	0	2	00	00	97	01	2	130	85	0	0	9	0	5	41	88
	Sukkur	000	4	1	11	02	96	01	0	121	82	0	0	9	0	3	51	88
	Kashmore	000	0	0	xx	00	99	00	0	123	82	0	0	9	0	0	45	85
	Jacobabad	000	0	1	31	02	8	02	0	125	83	0	0	9	0	2	50	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit	000	0	0	27	02	99	00	0	511	50	0	0	9	9	0	43	56
Rawalpindi	Murree	000	0	1	00	00	97	03	0	512	57	1	0	9	5	0	25	68
Peshawar	Drosh	000	0	0	36	01	98	00	0	518	59	0	0	9	0	0	45	66
	Cherat	000	0	0	16	03	99	00	0	512	60	0	0	9	0	0	41	73
	Kakul	000	0	0	00	00	99	00	0	503	63	0	0	9	0	0	xx	68
	Landi Kotal	000	0	0	09	02	99	00	0	800	58	0	0	9	0	0	57	xx
	Parachinar	000	0	0	00	00	99	00	0	500	67	0	0	9	0	0	42	71
D. I. Khan	Miranshah	000	0	0	11	02	99	00	0	473	66	0	0	9	0	0	23	70
	Wana	000	0	0	00	00	98	02	0	506	69	0	0	9	0	0	31	72
	Fort Sandeman	000	0	0	25	08	96	00	0	464	63	0	0	9	0	0	25	67
Quetta	Hindubagh	000	0	3	23	02	98	01	1	363	65	0	0	8	0	1	33	70
	Loralai	000	0	8	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai	000	0	3	31	02	95	00	0	513	62	0	0	7	1	1	50	64
	Quetta	000	3	2	31	02	97	03	1	522	68	0	0	9	0	1	46	69
	Chaman	000	0	0	34	05	98	00	0	522	58	0	0	9	0	0	28	64
Kalat	Kalat	000	3	5	31	11	98	03	0	570	74	5	0	9	0	1	24	75
	Nushki	000	4	1	05	02	98	03	0	534	75	0	0	9	0	1	31	77
	Dalbandin	000	0	0	36	03	98	00	0	520	72	0	0	9	0	0	38	72
	Panigur	000	0	0	36	00	99	00	0	574	53	0	0	9	0	0	44	61
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	2	02	02	97	33	0	140	75	2	1	7	0	0	64	64
Chittagong	000	0	1	09	10	96	01	1	144	74	1	1	6	0	0	67	62
Halldea Court	000	9	0	00	03	98	00	4	146	75	0	0	9	0	0	63	63
Comilla	000	0	0	00	00	57	00	0	142	74	0	0	9	0	0	63	67
Brahmanbaria	0 0	0	0	00	00	97	00	0	154	75	0	0	9	0	0	65	64
Sylhet	000	0	1	09	05	97	02	0	146	72	1	1	6	0	1	65	61
Srimangal	000	0	1	00	00	xx	01	0	156	74	1	1	7	0	0	67	56
Mymensingh	000	0	0	00	00	98	00	0	155	75	0	0	9	0	0	64	65
Narayanganj	000	9	0	09	02	95	05	4	148	75	0	0	9	0	0	65	67
Dacca (Tezgaon)	000	2	0	00	00	96	02	4	146	75	0	0	9	0	0	67	62
Faridpur	000	9	0	36	02	95	05	0	149	73	0	0	9	0	0	62	64
Barisal	000	0	6	00	00	97	02	2	144	74	6	0	9	4	0	66	64
Khulna	000	0	0	00	00	97	00	0	150	76	0	0	9	0	0	63	66
Satkhira																	
Jessore	000	0	0	36	02	97	00	0	161	72	0	0	9	0	0	64	63
Sirajganj	000	0	0	31	02	98	00	0	140	75	0	0	9	0	0	70	65
Bogra	000	0	0	31	05	96	02	0	151	73	0	0	9	0	0	63	65
Dinajpur	000	0	0	00	00	96	02	2	149	72	0	0	9	0	0	62	60
Rangpur	000	0	2	05	02	96	01	0	xxx	72	1	5	6	1	0	66	63
Jammu																	
Lahore (Jail Rd)	000	0	0	00	00	96	02	0	160	62	0	0	9	0	0	58	53
Sialkot	000	0	0	08	00	96	00	0	157	62	0	0	9	0	0	53	54
Jhelum	000	0	0	00	00	94	10	0	64	55	0	0	9	0	0	52	51
Rawalpindi	000	0	0	00	00	99	00	0	183	51	0	0	9	0	0	48	46
Khushab	000	0	0	00	00	99	00	0	156	62	0	0	9	0	0	53	55
Lyallpur	000	0	0	00	00	95	00	0	157	56	0	0	9		0	54	53
Montgomery	000	0	0	00	00	96	00	0	154	58	0	0	9	0	0	50	53
Multan	000	0	0	00	00	94	04	0	161	61	0	0	9	0	1	54	54
Leiah	000	0	4	36	07	97	04	0	127	57	0	0	9	0	2	57	53
Khanpur	000	0	0	11	02	96	02	0	157	62	0	0		0	0	46	54
Bahawalpur	000	0	0	00	00	97	00	0	151	65	0	0	9	0	0	51	52
Fort Abbas																	
Chakdara	000	0	0	00	00	xx	00	0	154	49	0	0	9	0	0	49	45
Peshawar	000	0	0	00	00	98	02	0	170	52	0	0	9	0	0	48	53
Haripur	000	0	0	23	04	97	00	0	155	53	0	0	9	0	0	70	50
Campbellpur	..	..	..	—	..	.	—	..	...	...	...	...	...	...	...	...	..
Bannu	000	0	0	00	00	99	00	0	165	51	0	0	9	0	0	49	51
D. I. Khan	000	0	0	00	00	98	00	0	157	56	0	0	9	0	0	54	52
Sibi	000	0	0	31	02	99	00	0	157	57	0	0	9	0	0	51	55
Nokkundi	000	0	0	05	02	99	00	0	163	60	0	0	9	0	0	23	54
Turbat	000	0	0	09	02	96	00	0	128	62	0	0	9	0	0	41	xx
Jiwani	000	0	0	00	00	97	02	0	147	67	0	0	9	0	0	66	63
Pasni	000	0	0	29	02	98	00	0	146	62	0	0	9	0	0	59	60
Ormara	000	0		00	00	98	00	0	144	67	0	0	9	0	0	64	62
Las Bela	000	0	0	00	00	98	00	0	186	72	0	0	9	0	0	43	69
Karachi (Manora)	000	0	4	02	09	95	05	1	147	71	0	0	9	0	1	57	68
Karachi (Air Port)	000	0	5	36	02	97	03	1	151	62	0	0	9	0	6	53	56
Badin	000	0	0	23	02	96	00	0	158	64	0	0	9	0	0	68	56
Nagarparker	000	0	0	31	02	98	00	0	018	81	0	0	9	0	0	65	76
Umarkot	000	0	4	00	00	98	00	0	135	59	0	0	9	0	2	46	53
Hyderabad	000	0	3	00	00	97	03	0	148	64	0	0	9	0	8	49	60
Pad-i-dan	000	0	1	00	00	96	01	0	154	59	0	0	9	0	1	51	52
Nawabshah	000	0	2	00	00	97	03	0	156	58	0	0	9	0	1	49	52
Sukkur	000	9	0	16	02	96	00	0	152	61	0	0	9	0	0	56	57
Kashmore	000	0	0	xx	xx	99	00	0	165	64	0	0	9	0	0	53	50
Jacobabad	000	0	0	00	00	98	02	0	152	63	0	0	9	0	0	50	58
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit	000	0	0	27	02	99	00	0	523	46	0	0	9	0	0	31	41
Murree	000	0	0	00	00	98	02	0	547	43	0	0	5	0	0	29	43
Drosh	000	0	0	36	05	98	00	0	527	55	0	0	9	0	0	46	47
Cherat	000	0	0	31	02	98	02	0	517	51	0	0	9	0	0	33	48
Kakul	000	0	0	00	00	99	00	0	509	49	0	0	9	0	0	35	41
Landi Kotal	000	0	0	00	00	99	00	0	798	45	0	0	9	0	0	xx	xx
Parachinar	000	0	0	00	00	99	00	0	498	48	0	0	9	0	0	42	45
Miranshah	000	0	0	00	00	99	00	0	495	41	0	0	9	0	0	32	39
Wana	000	0	0	00	00	98	02	0	521	49	0	0	9	0	0	33	44
Fort Sandeman	000	0	0	23	01	98	00	0	515	44	0	0	9	0	0	24	43
Hindubagh	000	0	0	27	02	98	00	0	354	42	0	0	9	0	0	32	40
Loralai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Harnai	000	0	0	00	00	95	00	0	529	46	0	0	9	0	0	33	33
Quetta	000	0	0	09	02	97	00	0	524	51	0	0	9	0	0	29	47
Chaman	000	0	0	18	02	98	00	0	541	44	0	0	9	0	0	27	37
Kalat	000	0	0	09	02	98	02	0	580	63	0	0	9	0	0	15	55
Nushki	000	0	0	05	05	98	02	0	496	45	0	0	9	0	0	21	43
Dalbandin	000	0	0	05	02	98	00	0	512	48	0	0	9	0	0	28	46
Panigur	000	0	0	32	02	99	00	0	547	47	0	0	9	0	0	27	31
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal
Cox's Bazar	— 4	— 4		— 2.3	141.1	140
Chittagong	— 2	— 5	0	— 1.4	142	108
Halldea Court	— 4	— 2	0	— 1.1	144.7	115
Comilla	— 3	+ 2	0	— 0.9	107.7	94
Brahmanbaria	—	—	0	— 0.8	85.2	76
Sylhet	—	—	0	—	193.9	—
Srimangal	— 5	— 5	0	— 1.1	109.4	8
Mymensingh	— 1	— 1	0	— 0.6	113.3	91
Narayanganj	— 1	0	0	— 0.7	103.9	74
Dacca (Tezgaon)	—	—	0	—	103.6	—
Faridpur		— 1	0	— 0.8	116.6	71
Barisal	— 3	— 2	0	— 1.0	140.5	81
Khulna	0	+ 1	0	— 0.8	102.8	89
Satkhira	— 4		0			65
Jessore	—	—	0	— 0.7	105.8	65
Sirajganj	—			— 0.5	107.7	64
Bogra	— 1	+ 2	0	— 0.7	164.4	69
Dinajpur	+ 2	— 2	(	— 0.2	66.9	72
Rangpur	—	—	0	— 0.3	92.4	84
Jammu						—
Lahore (Jail Rd)	— 4	+ 6	1.1	+ 1.1	27.3	19
Sialkot	— 5	+ 4	3.1	+ 3.1	61.8	32
Jhelum	—	—	3.4	—	53.5	—
Rawalpindi	— 4	+ 2	3.2	+ 3.1	55.5	36
Khushab	— 2	+ 4	1.1	+ 1.1	26.5	15
Lyallpur	+ 2	+ 4	0.7	+ 0.7	19.0	12
Montgomery	— 2	+ 1	0.1	+ 0.1	8.5	10
Multan	+ 1	+ 3	0.1	+ 0.1	8.3	7
Leiah	—	—	2.5	—	9.5	8
Khanpur	+ 1	+ 3	0	0	1.4	6
Bahawalpur	— 2	+ 1	0.1	+ 0.1	6.6	6
Fort Abbas						4
Chakdara	—	—	5.4	—	31.9	—
Peshawar	+ 3	+ 1	5.0	+ 5.0	27.5	14
Haripur	—	—	4.0	—	36.1	—
Campbellpur						—
Bannu	—	—	2.4	—	15.2	11
D. I. Khan	— 2	+ 3	1.8	+ 1.5	16.5	10
Sibi	—	—	4.0	—	9.2	5
Nokkundi	—	—	0.5	—	1.6	2
Turbat	—	—	0.6	—	7.9	—
Jiwani	—	—	0.9	—	7.5	4
Pasni	+ 4	0	0.3	+ 0.3	3.4	6
Ormara	—	—	2.7	+ 2.7	6.8	6
Las Bela	—	—	0.4	—	7.3	8
Karachi (Manora)	— 1	+ 1	1.6	+ 1.5	18.1	9
Karachi (Air Port)	—		3.3	-	26.1	—
Badin	— 4	— 2	0.4	+ 0.3	11.5	9
Nagarparker	—			—	30.5	—
Umarkot	—	—	0.5		20.8	—
Hyderabad	— 1	— 1	0.5	+ 0.5	15.9	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	— 1	+ 4	0.3	+ 0.3	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						24
Gulmarg						—
Sonamarg						71
Dras						26
Leh						2
Skardu						6
Misgar						—
Aliabad						—
Gilgit	— 2	— 1	4.2	+ 4.0	82.6	5
Murree	+ 3	— 1	3.1	—	33.8	59
Drosh	— 1	— 3	5.7	+ 5.5	37.1	18
Cherat	—	—	4.4	—	59.4	29
Kakul	—	—	3.9	—	22.8	—
Landi Kotal	—	—	5.3	..	33.4	—
Parachinar	—	—	1.1	+ 1.1	8.1	29
Miranshah	—	—	—	—	—	13
Wana	— 1	+ 2	4.7	+ 4.7	20.7	—
Fort Sandeman	—	—	3.3	—	16.0	11
Hindubagh	—	—	4.3	—	17.3	—
Loralai	—	—	5.9	+ 5.8	18.7	—
Harnai	—	—	1.8	+ 1.8	12.0	14
Quetta	0	+ 4	0.4	+ 0.4	6.7	8
Chaman	0	+ 6	1.1	+ 1.1	12.1	7
Kalat	—	—	0.6	—	3.9	9
Nushki	— 2	+ 1	0.2	+ 0.2	2.4	—
Dalbandin	—	—	0.1	—	4.2	5
Panigur	—	—	—	—	—	4
Kabul						—
Kandahar						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.
These stations report for PPP, the geopotential of the 700 mbs. and RRR at 1200 hrs. 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.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day.
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 13th NOVEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV — W	PPP TT	N.C.H.C.C.H.	D.V.a PP	8 N, Ch, h,	O T, T, T, T,	id.d. PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alwalia	53 197	505 00	1 05 09	98 01 1	003 75	10 6 00	15 70 4		0 55 75	1 08 n2
Fogo	53 213	595 00	6 408 12	99 02 2	113-79	11 3 24	00 0 0		0-53 74	1 08 11
Fogo	53 241	575 12	0 34 04	98 00 0	120 86	00 9 00	76 71 2		0 05 54	1 00 00
Dwarka	53 207	703 12	4 23 05	99 03 0	114 82	00 x 50	35 70 7		0 02 68	1.34 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT.T*T*	HHHTTT T*T*T*								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong		00 00	012 202 165	010 235 108	—	490 132 098	—	114 090 990	374 035 995	822 562 990	592 675 995	963 815	227 038	—
Dacca														
Hyderabad		00 00	011 145 110	109 162 118		500 162 995		131 812 992	397 035 995	849 585 992	544 700 990	963 825	—	—
Karachi														
Lahore														
Multan														
Peshawar		00 00	973 118 092	—	—	480 132 038		993 035 615	739 648 999	—	—	—	—	—
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T*T*T*							Max. Height Reached PPPTTT T.T.T*	TROPOPAUSE SL.HHHH TT	SL.HHHHTT
	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	900 175 128	800 105 018	—	—	—	—	—	—	800 105 018	—	—
Hyderabad													
Karachi	00 00	—		—	—	—	—	—	—	963 825 995	—	—
Lahore													
Multan													
Peshawar	00 00	900 145 066	800 102 535	350 085 999	—	—	—	—	—	350 085 999	—	—
Quetta													

PPP—Pressure in hundreds ten and units of millibars.
TTT, T.T.T.T*: Dry Bulb; Dew Point temperatures (in tenths of °C.)
T.T.—Observation 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.m.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T. †						At 600 hrs. G.M.T. † of date (dd ff)											
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	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																											
Chittagong	23 05	33 07	33 07	01 03	14 03	30 17	28 29				35 11	36 10	35 09	35 02	02 06	30 13	xx xx	xx xx	xx xx	xx xx	xx xx	29 21	28 23	28 30	27 31	27 40	—
Dacca		27 05	32 04	34 04	31 05	31 07	29 17	28 25	28 24		—	05 03	33 03	30 06	29 11	29 15	—	—	—	—	—	—	—	—	—	—	—
Gilgit	04 05	04 05	04 04	02 06	01 07	30 08	31 14	29 17	30 19		08 12	08 10	07 09	03 11	02 16	35 10	—	—	—	—	—	—	—	—	—	—	—
Chittagong	29 05	19 02	16 04	16 07	24 09	25 10	—	—	—		36 10	36 03	13 03	16 07	—	—	29 01	01 02	16 02	16 08	18 12	21 14	26 18	27 25	27 29	26 30	26 34
Cox's Bazar	23 05	23 03	11 09	—	—	—	—	—	—		35 10	36 02	18 02	21 13	30 07	19 14	36 02	04 02	28 03	20 18	23 18	27 15	28 15	27 24	26 19	26 31	—
Dacca	35 03	34 06	34 08	01 08	30 08	28 15	27 29	27 33	27 35		02 04	02 06	02 09	02 24	29 07	28 22	36 02	01 03	01 06	01 09	23 04	27 27	28 27	27 35	26 41	—	—
Dalbandin	—	—	09 03	04 05	03 04	02 07	36 21	29 25	30 32		—	—	07 05	12 06	27 02	31 09	—	—	06 09	08 07	05 02	28 05	24 12	25 26	27 34	26 37	26 36
D. I. Khan	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 01	18 01	18 04	20 03	16 01		—	—	—	13 04	12 09	15 11	—	—	—	—	04 05	02 12	26 13	34 06	35 15	26 26	35 32
Fort Sandeman	—	—	—	19 01	26 04	30 11	30 27	30 41	30 45		—	—	—	13 03	33 06	30 14	—	—	—	24 02	29 03	32 10	29 18	29 15	31 20	25 46	32 48
Jacobabad	27 02	24 03	21 03	09 06	27 05	31 12	32 20	29 25	29 27		27 02	22 05	30 07	21 01	28 06	32 18	19 02	20 04	21 05	21 05	17 02	31 09	23 18	21 17	30 37	30 34	31 41
Jacobabad	28 05	25 06	35 07	36 07	31 12	32 23	—	—	—		34 13	36 12	01 11	03 09	06 03	30 18	25 05	36 05	36 07	35 06	35 07	30 22	—	—	—	—	—
Kalat	27 02	31 06	31 06	29 06	33 05	31 10	28 25	28 19	28 25		34 07	29 07	30 12	22 09	33 16	19 13	33 01	30 07	33 06	30 06	27 09	30 11	28 13	29 18	28 31	28 26	37 34
Kohat	23 04	28 03	32 04	36 09	03 09	34 07	34 06	32 10	28 13		14 03	34 03	26 03	13 04	09 08	28 04	20 04	21 02	20 02	16 06	19 03	17 02	16 04	18 05	30 13	30 20	29 24
Karachi	32 10	23 07	03 06	02 07	04 12	36 13	31 14	—	—		07 05	17 02	10 06	04 14	05 08	02 11	36 05	08 05	09 03	05 10	09 12	06 09	05 13	35 03	30 13	29 17	28 36
Khanewal	30 03	25 02	25 02	11 03	36 08	33 13	28 24	30 29	30 33		32 03	21 04	19 07	21 10	27 08	27 12	13 03	8 05	21 06	23 09	38 05	34 06	31 15	32 24	31 28	29 32	29 37
Lahore	31 06	31 07	34 06	29 09	30 09	01 06	33 17	29 23	28 32		24 01	33 03	35 06	29 08	30 00	30 11	11 02	23 02	26 04	31 08	23 07	30 11	30 18	29 19	28 23	30 33	28 47
Multan	18 01	29 01	27 03	31 06	25 04	31 12	30 23	30 29	28 34		18 02	20 03	23 07	25 12	30 06	35 07	18 04	20 05	22 07	24 09	29 02	29 10	29 23	31 28	29 38	30 42	—
Mianwali	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pasni	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	04 02	29 01	29 03	30 05	30 19	30 18	29 14	29 23	29 26	30 32
Quetta	—	—	—	—	31 03	31 10	30 23	29 29	29 34		—	—	—	—	27 02	29 13	—	—	—	—	32 01	30 07	30 12	27 26	28 31	29 33	30 33
Sialkot	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	34 07	17 02	13 02	09 07	01 07	27 13	—	—	—		02 07	30 04	35 01	14 04	10 06	35 02	27 05	28 03	08 03	08 04	03 07	30 13	27 26	28 31	28 40	27 44	—
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 s.p.s.a.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	01 06	01 09	01 11	02 12	04 04	28 15	27 30	27 34	27 33	26 45	26 63	33 95	35 73	35 67	—	—	—	—
Karachi	03 08	05 07	05 06	05 04	05 03	03 04	03 13	34 19	31 21	32 39	28 41	29 47	36 75	—	—	—	—	—
Peshawar	Missing		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

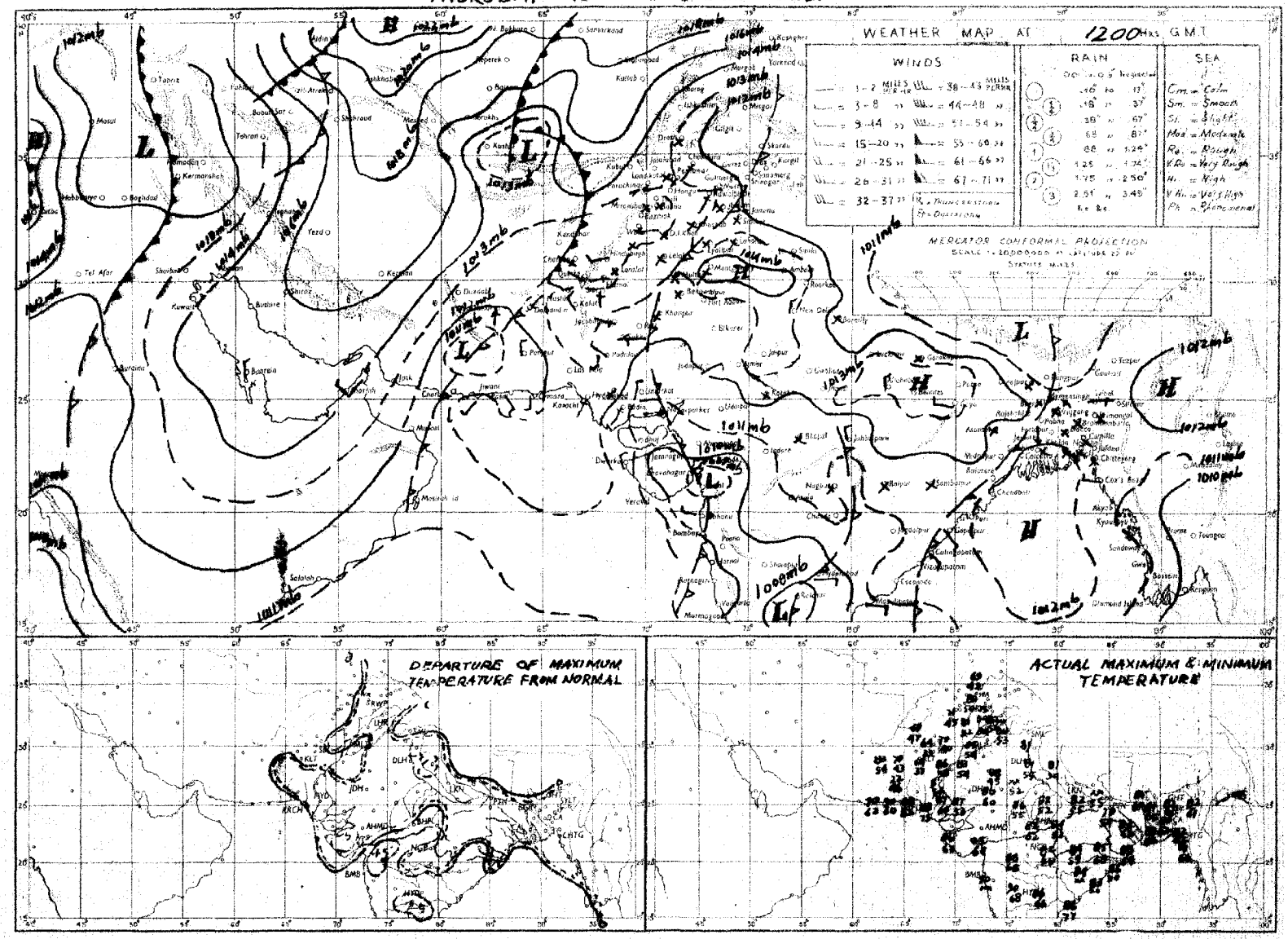
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report cannot be guaranteed. Correction can be obtained, if necessary, apply, enclose to the Meteorologist, Wireless General Air Force, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

THURSDAY 12th NOVEMBER 1959.

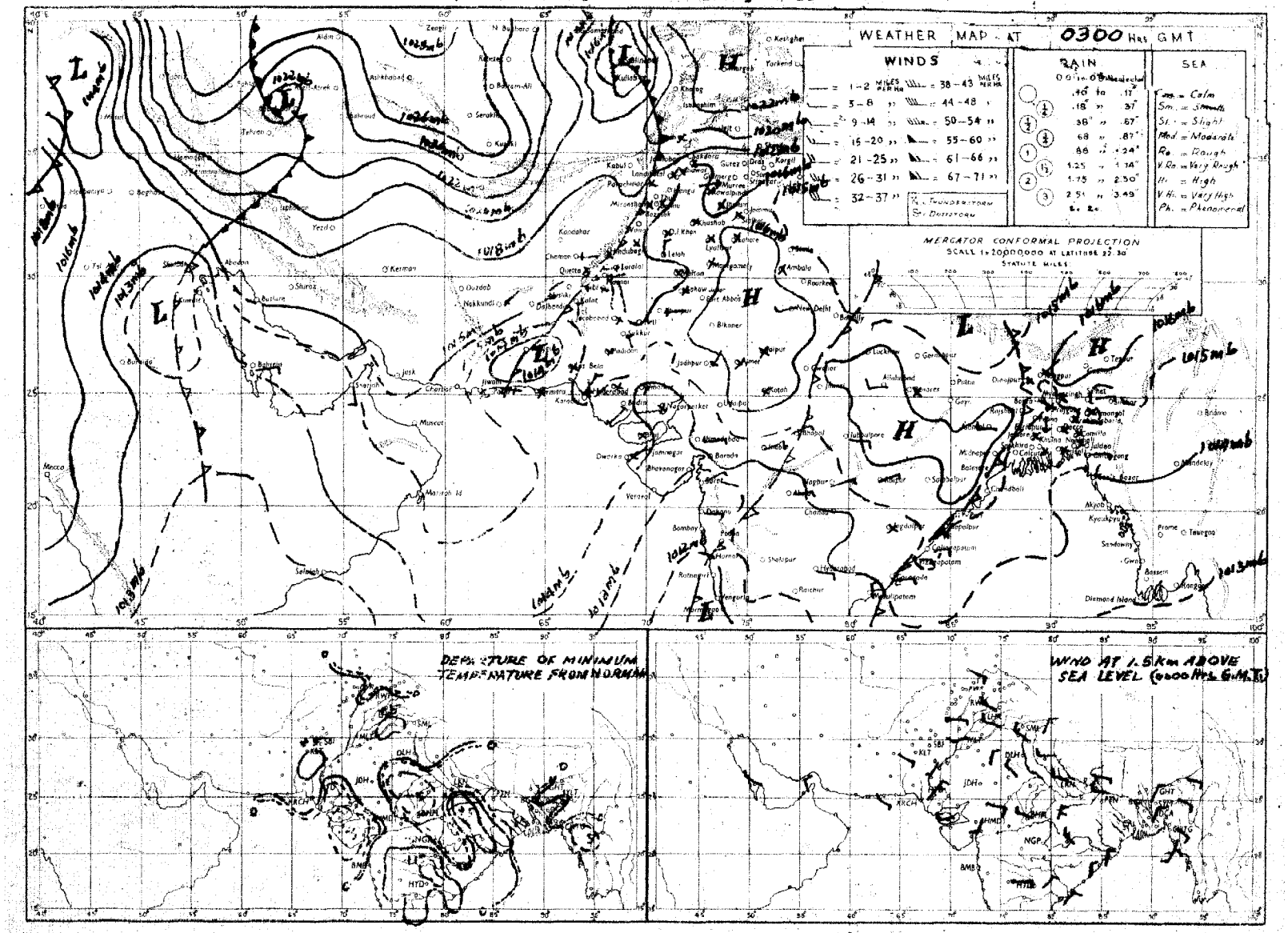


Rainfall amounts indicated in the above chart refer to past 9 hours.

PRINTED AT ARMY PRESS KARACHI

PAKISTAN DAILY WEATHER MAP

FRIDAY 18th NOVEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 14th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Russian Turkistan is moving away eastwards with its trough lying over Rawalpindi division and adjoining areas.

A fresh western disturbance lies over Russian Turkistan north of Afghanistan with its trough extending to Kalat division.

Local rain has been reported from south Kalat division. Ormara has recorded 1½" of rainfall.

A secondary western disturbance lies over southeast Iran and neighbourhood.

Weather remained dry in East Pakistan.

Night temperatures were 3—6°F above normal in Kalat, Quetta, Khairpur, Bahawalpur, Multan and Lahore divisions.

Forecast valid until the evening of 15th December, 1959. Scattered rain/drizzle will fall in Kalat, Quetta, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 14th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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 (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	31	02	94	01	0	113	73	0	0	9	0	6	65	80	000	0	3	02	02	97	03	0	141	72	0	0	9	0	6	63	61	0	+ 2	1.7	− 2.2	142.8	146
	Chittagong	000	0	0	34	05	xx	00	0	117	71	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	145	71	0	0	9	0	0	62	59	+ 2	+ 1	1.4	− 1.2	143.3	109
	Maijdee Court	000	9	0	00	00	xx	10	0	118	70	0	0	9	0	0	59	81	000	9	0	00	00	98	00	0	144	70	0	0	9	0	0	58	56	+ 2	− 3	0.1	− 1.7	144.7	115
	Comilla	000	0	0	00	00	94	00	0	112	68	0	0	9	0	0	63	82	000	0	0	00	00	97	00	0	144	68	0	0	9	0	0	61	56	+ 2	+ 1	0.1	− 1.5	107.8	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	116	70	0	0	9	0	0	63	82	000	0	0	00	00	97	00	0	148	73	0	0	9	0	0	65	56	—	58	0	− 1.3	85.2	76
	Sylhet	000	0	0	00	00	xx	02	0	111	70	0	0	9	0	0	59	81	000	0	0	09	05	97	02	0	143	67	0	0	9	0	0	55	56	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	115	66	0	0	9	0	0	63	81	000	0	0	00	00	96	00	4	146	63	0	0	9	0	0	60	59	0	+ 2	0	− 1.6	109.4	90
Dacca	Mymensingh	000	0	0	00	00	97	00	0	119	73	0	0	9	0	0	60	80	000	0	0	00	00	97	00	0	151	67	0	0	9	0	0	60	55	+ 3	0	0	− 0.9	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	4	115	72	0	0	9	0	0	59	81	000	9	0	00	00	95	05	4	146	69	0	0	9	0	0	59	58	+ 3	+ 1	0	− 1.1	103.9	74
	Dacca (Tejgaon)	000	0	0	31	02	97	02	0	111	70	0	0	9	0	0	59	79	000	6	1	36	02	96	02	4	142	65	0	0	9	0	1	60	54	—	—	0	—	103.6	—
	Faridpur	000	8	0	00	00	95	05	0	129	69	0	0	9	0	0	61	76	000	4	2	34	02	94	10	0	167	68	0	0	9	0	1	59	58	0	+ 3	0	− 1.2	116.6	78
	Barisal	000	0	0	00	00	96	00	0	105	72	0	0	9	0	0	68	80	000	9	1	15	01	97	03	4	146	67	0	0	9	0	0	60	59	+ 2	+ 3	0	− 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	96	00	0	120	70	0	0	9	0	0	62	80	000	0	0	00	00	97	00	0	153	70	0	0	9	0	0	59	61	+ 2	+ 6	0	− 1.2	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	124	70	0	0	9	0	0	70	78	000	0	0	00	00	98	00	0	156	68	0	0	9	0	0	59	59	− 2	+ 6	0	− 1.8	82.1	65
	Jessore	000	0	0	31	02	97	00	0	120	70	0	0	9	0	0	58	79	000	0	0	31	03	97	00	0	152	66	0	0	9	0	0	57	55	+ 1	0	0	− 1.5	105.8	65
	Sirajganj	000	0	0	31	00	91	00	1	091	68	0	0	9	0	0	63	79	000	0	1	00	00	97	03	0	129	70	0	0	9	0	2	60	58	+ 2	+ 3	0	− 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	114	70	0	0	9	0	0	59	77	000	0	0	31	02	96	02	0	148	67	0	0	9	0	0	59	57	0	+ 2	0	− 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	115	72	0	0	9	0	0	60	81	000	0	0	00	00	96	00	0	155	64	0	0	9	0	0	57	53	+ 4	+ 1	0	− 0.4	66.9	72
	Rangpur	000	0	0	00	00	96	02	0	xxx	71	0	0	9	0	0	59	78	000	0	0	05	02	96	01	0	xxx	65	0	0	9	0	0	59	55	+ 2	+ 3	0	− 0.5	92.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	8	4	36	05	96	01	1	150	65	4	5	7	0	0	47	71	000	9	5	00	00	96	03	1	162	51	2	5	7	3	0	47	48	− 2	+ 8	1.1	+ 0.9	27.1	19
	Sialkot	000	2	0	00	00	98	00	1	143	66	0	0	9	0	0	53	73	000	0	3	00	00	97	02	0	166	56	2	4	9	3	0	50	48	+ 3	+ 6	3.1	+ 2.7	61.8	32
Rawalpindi	Jhelum	000	3	1	31	03	96	02	0	158	64	1	0	9	3	0	45	69	000	0	5	31	05	97	03	1	157	53	3	1	7	3	0	37	43	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	0	20	02	99	00	0	173	58	0	0	9	0	0	43	71	000	0	6	27	02	98	02	2	174	45	6	0	9	8	0	42	37	+ 3	0	3.6	+ 3.0	55.9	36
	Khushab	000	0	0	00	00	99	00	0	168	69	0	0	9	0	0	40	73	000	0	2	09	02	96	01	1	155	53	2	3	6	0	0	42	41	0	− 1	1.1	+ 0.9	23.5	15
Multan	Lyallpur	000	0	0	00	00	95	02	0	162	64	6	3	8	0	0	47	70	000	0	6	00	00	95	02	0	159	48	6	0	9	5	0	43	47	0	+ 6	0.4	+ 0.2	18.6	12
	Montgomery	000	0	4	05	03	96	01	1	146	68	0	0	9	0	1	41	69	000	0	3	13	03	96	00	0	164	52	3	0	9	4	0	42	47	− 4	+ 4	0.1	0	8.5	19
	Multan	000	0	2	36	03	97	02	0	162	67	0	0	9	0	1	39	71	000	0	1	36	02	98	02	0	173	49	0	0	9	0	1	31	46	− 1	+ 3	0.1	0	8.3	7
Bahawalpur	Leiah	000	0	0	36	15	96	05	0	169	69	0	0	9	0	0	40	69	000	0	1	36	02	98	02	1	179	45	0	0	9	0	2	37	39	—	—	2.5	—	7.0	8
	Khanpur	000	0	1	36	04	96	03	0	155	69	1	0	9	1	0	48	73	000	0	0	00	00	96	01	0	183	47	0	0	9	0	0	38	43	− 3	− 1	0	− 0.1	1.4	6
	Bahawalpur	000	0	1	02	03	97	02	0	163	66	0	0	9	0	1	41	70	000	0	1	36	02	98	00	0	179	52	0	0	9	0	1	36	48	− 4	+ 5	0.1	0	6.6	6
	Fort Abbas	000	0	0	02	05	98	02	0	145	67	0	0	9	0	0	43	71	000	0	0	36	03	98	00	0	169	53	0	0	9	0	0	42	xx	—	—	1.0	—	10.3	4
Peshawar	Chakdara	000	0	2	00	00	96	01	1	200	61	2	0	8	7	0	35	62	000	0	6	00	00	97	03	2	242	37	6	0	8	4	0	33	36	—	—	3.7	—	32.1	—
	Peshawar	000	0	1	00	00	96	03	0	182	63	0	0	9	0	1	40	70	000	0	6	18	02	96	04	1	185	44	0	0	9	0	6	33	42	+ 3	+ 1	5.0	+ 4.5	28.5	14
	Peshawar	000	0	3	31	04	97	03	0	152	62	0	0	9	0	5	45	70	000	0	5	23	04	97	03	0	162	43	5	0	9	7	0	31	39	—	—	4.5	—	35.7	—
	Peshawar	000	0	0	00	00	98	00	0	201	62	0	0	9	0	0	35	65	000	2	4	27	03	98	01	2	214	41	0	0	9	1	0	40	33	—	—	4.4	—	40.4	—
	Peshawar	000	0	0	00	00	98	00	0	168	65	0	0	9	0	0	44	70	000	2	2	20	01	99	01	0	160	48	2	0	9	8	0	30	45	—	—	2.5	—	15.4	11
	Campbellpur	000	0	0	00	00	98	00	0	170	68	0	0	9	0	0	49	71	000	2	4	00	00	98	01	1	164	53	4	0	9	4	0	38	45	− 2	+ 4	1.7	+ 1.5	16.6	10
D. I. Khan	Bannu	000	6	0	00	00	99	00	0	169	73	0	0	9	0	0	30	75	000	2	4	00	00	98	03	1	187	56	4	0	9	3	0	38	44	—	—	4.1	—	9.3	5
	D. I. Khan	000	0	0	13	02	99	00	0	124	70	0	0	9	0	0	39	71	000	0	0	34	05	98	03	5	168	53	0	0	9	0	0	47	49	—	—	0.7	—	1.8	2
Quetta	Sibi	000	0	0	18	02	99	00	0	135	78	0	0	9	0	0	51	79	000	0	0	18	02	97	00	0	158	60	0	0	9	0	0	56	xx	—	—	1.6	—	8.9	—
	Nokkundi	000	0	0	27	02	98	00	0	144	75	5	5	4	0	0	60	77	000	0	2	05	02	97	03	0	156	64	2	5	5	0	0	62	63	—	—	1.2	—	7.9	4
	Turbat	010	0	6	20	09	97	01	6	145	75	1	2	7	2	0	64	77	000	0	6	31	03	98	03	0	164	62	1	2	7	2	8	62	62	0	+ 5	0.3	− 0.4	13.4	6
Kalat	Jiwani	000	0	6	16	07	98	00	0	143	73	6	2	5	0	0	68	78	125	0	6	00	00	98	02	1	167	65	6	2	5	0	0	65	62	—	—	4.0	—	8.1	5
	Pasni	007	3	6	09	05	98	02	6	152	79	4	6	8	8	8	37	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Ormara	000	0	5	00	00	96	20	3																																
	Las Bela																																								
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	09	10	96	03	2	151	76	0	0	9	0	4	61	78	000	0	3	05	12	96	01	1	179	54	0	0	9	0	1	35	52	− 1	− 8	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	000	0	6	05	03	96	03	2	151	76	0	0	9	0	6	44	79	000	0	1	00	00	96	03	0	181	53	0	0	9	0	1	43	50	—	—	3.3	—	26.1	—
	Badin	000	0	0	36	02	97	00	0	150	74	0	0	9	0	0	39	78	000	0	0	23	02	96	00	0	171	60	0	0	9	0	0	45	50	− 3	− 1	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	135	79	0	0	9	0	0	45	81	000	0	0	00	00	98	00	0	155	62	0	0	9	0	0	46	58	—	—	0	—	30.5	—
	Umarkot	000	0	4	36	05	98	02	0	138	75	0	0	9	0	1	43	77	000	0	0	02	03	98	00	0	167	50	0	0	9	0	0	47	46	—	—	0.5	—	20.8	—
	Hyderabad	000	0	5	36	05	97	02	2	158	72	0	0	9	0	1	39	75	000	0	0	36	02	96	10	0	179	53	0	0	9	0	0	44	52	—	4	0.5	+ 0.5	19.6	7
Khairpur	Pad-i-dan	000	0	2	36	05	97	02	0	163	71	0	0	9	0	4	41	72	000	0	1	00	00	96	01	0	179	50	1	0	9	1	0	39	46	—	—	0.3	—	7.9	—
	Nawabshah	000	0	5	00	00	97	02	2	169	73	0	0	9	0	6	32	74	000	0	0	00	00	96	02	0	178	45	0	0	9	0	0	38	44	—	—	0.3	—	7.5	—
	Sukkur	000	8	0	00	00	96	02	1	163	69	0	0	9	0	3	43	73	000	9	3	00	00	96	02	1	176	50	0	0	9	0	3	43	46	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	05	03	99	00	0	155	72	0	0	9	0	0	28	73	000	0	0	00	00	99	00	0	185	55	0	0	9	0	0	37	43	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	27	02	98	01	0	167	73	0	0	9	0	0	41	75	000	0	2	00	00	98	02	0	187	52	2	0	9	3	0	41	49	0	+ 3	0.3	+ 0.2	4.7	4
Junagadh	Veraval	...																																							20
Afghanistan	Jalalabad	...																																							—
Arabia	Muscat	...																																							4
	Kuwait	...																																							—
	HILL STATIONS																																								
Kashmir	Srinagar **	...																																							26
	Gulmarg **	...																																							—
	Sonamarg **	...																																							71
	Drus **	...																																							25
	Leh **	...																																							3
	Skardu *	...																																							6
	Misgar **	...																																							—
	Aliabad *	...																																							—
	Gilgit *	...																																							5
Rawalpindi	Murree *	000	0	0	09	02	98	00	0	523	42	0	0	9	0	0	33	48	000	2	7	11	05	97	02	1	551	42	7	5	4	0	0	32	37	— 1	+ 2	5.9	+ 4.6	84.4	59
	Drosh *	000	7	2	00	00	97	01	2	540	43	0	0	9	0	1	16	51	000	9	7	09	02	97	01	2	550	37	7	0	9	7	0	16	36	— 1	+ 1	4.6	—	35.3	18
	Chitral *	000	0	0	36	05	98	00	0	534	45	0	0	9	0	5	35	82	000	0	4	36	07	98	03	0	525	49	0	0	9	8	0	18	43	— 3	0	6.0	+ 5.1	37.4	29
	Chitral *	000	8	1	31	05	98	01	1	525	33	0	0	9	0	0	35	59	000	0	7	36	02	96	04	1	510	48	6	5	7	1	0	31	41	—	—	4.9	—	60.1	—
	Kakul *	000	0	0	23	02	99	00	0	522	51	0	0	9	0	0	22	54	000	0	4	00	00	96	03	0	501	39	0	0	9	0	9	22	34	—	—	3.9	—	32.8	—
	Landi Kotal *	000	0	0	13	02	99	00	0	547	49	0	0	9	0	0	19	56	000	0	2	36	02	98	00	0	516	37	0	0	9	0	1	15	30	+ 1	− 2	6.0	—	34.0	—
	Parachinar *	000	0	0	00	00	99	00	0	509	57	0	0	9	0	0	23	64	000	0	0	00	00	99	00	0	477	37	0	0	9	0	0	23	34	—	—	1.1	+ 0.8	8.1	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	498	53	0	0	9	0	0	25	58	000	1	3	00	00	99	03	0	487	33	3	0	9	2	0	24	29	—	—	1.2	—	15.3	13
	Wana *	000	0	0	16	02	99	00	0	522	55	0	0	9	0	0	13	57	000	0	4	00	00	97	03	0	517	34	4	0	9	2	0	20	34	— 1	—	5.0	+ 4.7	21.0	—
	Fort Sandeman *	000	0	0	00	00	98	00	0	484	48	0	0	9	0	0	23	52	000	2	2	00	00	98	03	0	502	28	0	0	9	2	2	17	27	—	—	4.7	—	17.7	—
	Hindubagh *	000	0	0	09	02	98	00	0	367	54	0	0	9	0	0	23	58	000	0	5	27	02	97	02	1	370	36	2	3	7	2	0	28	31	—	—	3.6	—	16.2	—
Quetta	Loralai *	000	0	0	13	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	x	—	—	5.9	+ 5.5	18.7	—
	Harnai *	000	0	0	09	01	98	00	0	492	52	0	0	9	0	0	44	57	000	0	8	00	00	96	03	2	512	42	4	2	5	3	0	33	33	—	—	2.3	+ 1.3	12.6	14
	Quetta *	000	9	1	00	00	53	02	1	504	56	0	0	9	0	0	15	60	000	0	0	09	01	96	00	0	497	49	0	0	9	0	0	28	43	+ 3	—	1.5	+ 0.5	7.8	8
	Chaman *	000	0	0	27	05	98	02	1	507	49	0	0	9	3	0	34	54	000	0	6	00	00	97	03	2	541	33	6	4	7	0	0	32	30	— 1	— 4	1.7	+ 1.1	13.6	7
	Kalat *	000	0	1	31	05	98	02	0	557	63	0	0	9	0	0	34	64	000	0	8	09	13	98	02	1	572	48	8	6	7	x	x	35	45	—	—	0.7	—	3.7	—
	Nushki *	000	0	0	36	05	98	01	2	502	65	5	8	7	0	0	39	67	000	9	6	00	00	98	03	1	582	46	2	8	7	4	0	37	45	+ 3	+ 8	0.6	+ 0.3	2.8	5
Afghanistan	Dalbandin *	000	8	5	13	03	98	03	1	507	64	0	0	9	5	0	34	65	000	0	2	05	03	96	01	5	506	49	0	0	9	4	0	33	48	0	+ 7	0.1	—	4.2	14
	Panjgur *	000	0	6	23	03	98	03	1																																—
	Kabul *	...																																							
	Kandahar *	...																																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rain, fall 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 14th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_sL_sL_s$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Victoria	13 220	630 00	0 05 05	98 00 0	-193 73	00 9 00	16 00 0	...	0 56 89	1 05 xx
Alsayyada	13 186	707 06	0 02 18	99 02 1	156 82	00 9 00	74 00 9	—	0 00 72	1 02 33
Victoria	13 232	647 06	2 05 03	98 02 0	208 75	20 9 08	16 31 5	—	0 54 68	1 05 xx
Alsayyada	13 194	702 12	3 00 24	99 02 1	121 78	00 9 05	74 60 5	—	0 52 61	1 00 33
Alsayyada	13 203	095 18	0 02 18	98 02 1	139 77	00 9 00	74 00 5	—	0 51 62	1 02 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_s$T$_s$T$_d$	1000 mb HHHTTT T$_s$T$_s$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	013 155 132	114 165 999	..	150 152 999	..	312 115 999	439 042 999	585 535 999	757 680 999	966 825	240 035	..	..
Jiwani ...														
Karachi ...	00 00	013 115 045	126 132 042	..	147 102 575	..	308 022 632	431 542 648	571 635 852	739 715 999	945 852	217 035	...	—
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 065 015	—	—	145 118 025	...	309 080 520	434 508 652	578 575 999	747 660 999	960 768	144 910	—	..
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT T$_s$T$_s$T$_d$									Max. Height Reached PPPTTT T$_s$T$_s$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	..	..	..	..	..	...	..	xxx xxx xxx	—	..
Jiwani ...													
Karachi ...	00 00	900 138 045	800 065 602	—	—	..	—	—	—	...	800 065 602	—	—
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 118 038	800 100 030	350 702 999	250 838 999	...	...	..	..	...	250 838 999	..	—
Quetta ...													

PPP Pressure in hundreds tens and units of millibars.
TTT: T$_s$T$_s$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*

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	1	3	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 ...	36 08	35 09	34 09	33 04						36 15	01 15	03 15	36 09	27 13	30 23	35 05	36 10	03 09	36 09							
Chaklala ...											33 04	32 05	27 02	14 09	10 09		03 02	34 03	20 03	19 04						
Chhor ...	01 12	01 12	01 11	02 12	29 07	25 20	26 24	25 38	25 40	04 15	02 11	34 11	33 13	26 17	21 21	03 10	02 12	02 13	01 16	32 17	25 30	24 44	24 47	24 47		
Chittagong ...	33 09	02 05	27 04	20 08						02 10	05 06	13 03	23 07	31 07	25 14	26 03	10 02	17 04	20 03	26 01	26 03					
Cox's Bazar ...	34 12	33 08	34 07	25 03	20 02	15 04	27 05	01 08		01 15	01 09	13 04	17 06	03 06	26 07											
Dacca ...	29 06	31 07	32 06	33 04	31 13	29 19	26 20	27 28	27 33	01 05	01 05	36 10	28 06	27 10	31 13	34 01	34 01	03 02	29 06	27 10	30 19	28 18	28 27	27 29	28 24	28 35
Dalhousie ...			30 05	18 07	17 09	23 09	23 09					09 07	17 07	22 06	27 09			25 13	23 17	22 21	19 22					
D. I. Khan ...																										
Drosh ...					06 01	02 04	23 04	24 03	13 05				14 01	14 04	11 07					21 04	23 08	32 04				
Fort Sandeman ...				04 05	03 06	15 05	23 13	24 19	25 24				24 02	31 03	30 07				32 05	01 04	26 26	23 25	22 29			
Jacobabad ...										21 03	31 03	28 07	17 01	32 04	29 13	23 03	23 03	23 04	23 03	29 08	26 22					
Jiwani ...	33 10	33 09	34 07	33 09	29 07	27 15				36 19	36 15	36 11	30 08	27 07		36 10	34 10	24 10	35 10	30 11	31 12	26 13	29 15	27 23	27 22	
Jhelum ...	30 12	34 14	35 08	09 06	15 08	19 08	26 07	25 10	24 12	31 10	35 13	33 09	24 04	13 05	15 10	32 02	14 04	11 05	19 02	14 10	14 21	20 26				
Jiwani ...	20 09	20 10	20 07	16 03						22 03	23 09	24 10	25 13	26 13	24 25	17 06	21 08	20 10	19 10							
Karachi ...	04 09	05 08	05 08	34 09	29 14	27 30	26 36	25 41	25 50	05 03	05 05	03 05	33 01	33 02	15 02	08 12	07 07	03 04	29 09	28 09	25 26	24 39	25 49	25 60		
Khanpur ...	01 11	02 13	02 11	03 10	05 05					02 18	02 13	02 09	02 04	33 01	29 06	04 07	36 05	30 05	33 05	34 11	23 13	24 39	24 47			
Lahore ...	35 12	01 15	02 07	09 10	13 11	18 13	23 12			01 07	36 06	10 02	17 02	11 06	14 11	34 03	04 01	28 01	20 08	01 03	12 11	20 20	22 25	23 27	23 32	23 45
Multan ...	36 12	36 17	36 15	06 07	11 08	28 06	27 14	24 22	25 23	01 17	36 14	34 03	25 04	22 04	22 17	33 07	28 08	23 06	33 05	34 06	23 15	23 21	23 26	24 37	25 51	
Mugat ...																										
Panjgur ...																										
Peshawar ...		30 04	33 08	34 11	01 07	03 06	20 05	26 20	26 29		13 05	17 03	13 01	06 06	03 11		33 02	32 06	32 03	19 06	13 29	18 23	19 26	21 27		
Quetta ...					27 04	19 03	24 07	24 23	24 24					20 04	23 13					20 04	24 11					
Sharjah ...																										
Sylhet ...	31 02	26 04	14 03	18 08	24 05	29 16				08 15	07 06	08 05	17 05	26 10	25 18	08 03	10 05	14 07	15 09	29 07	28 20	27 34	27 38	27 35		
Varaval ...																										

† 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 ...	31 13	36 09	04 13	34 05	26 17	29 10	30 21	30 33	26 33	28 23	27 29	25 43	26 64		—	—	—	—
Karachi ...	04 08	04 09	35 07	35 05	30 07	24 22	21 33	26 47	25 51	24 55	26 72	25 84	23 99	24 96	—	—	—	—
Peshawar ...	Hitda														—			
Quetta ...															—			

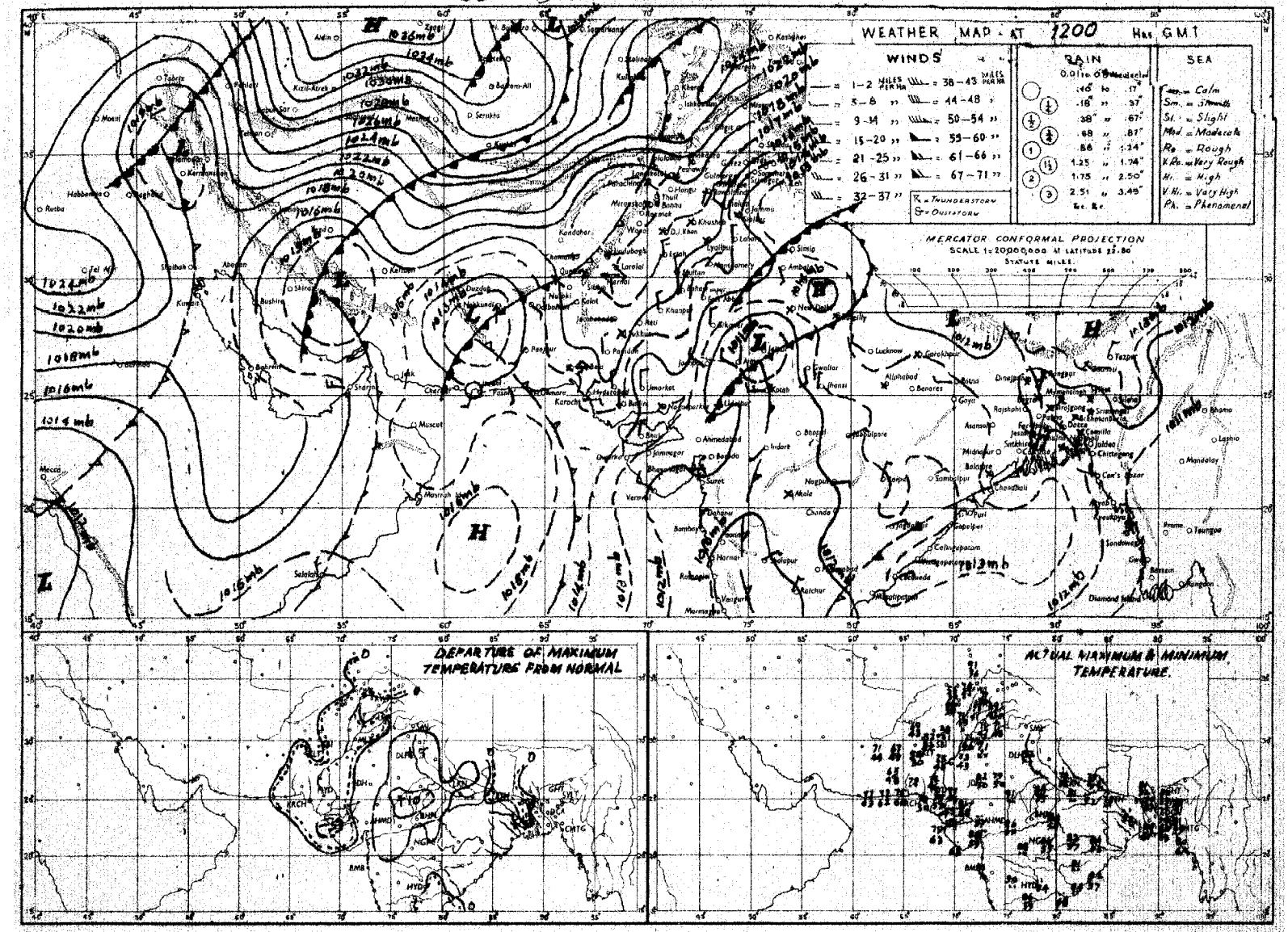
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

SUNDAY, 13th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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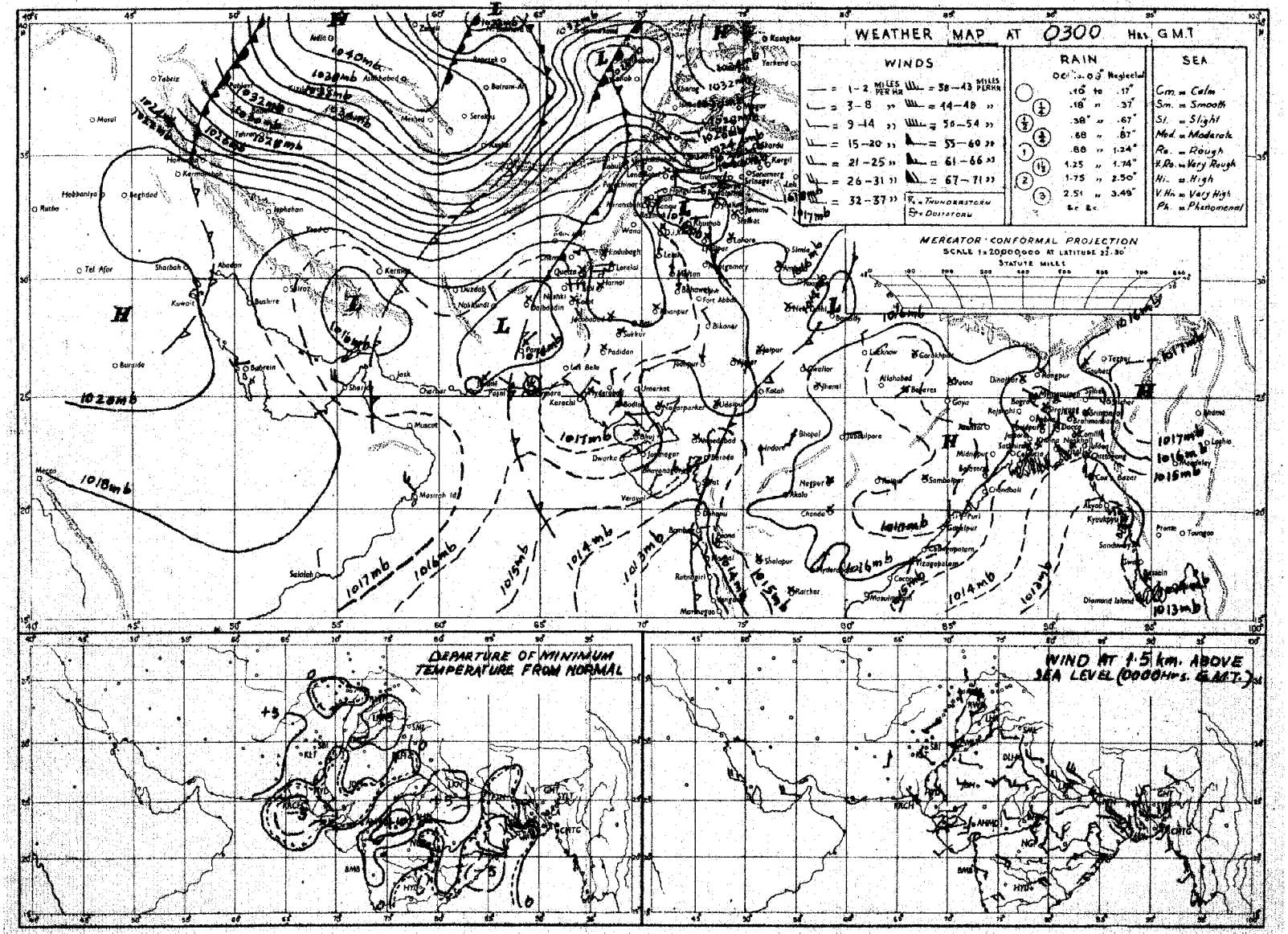
PAKISTAN DAILY WEATHER MAP

MONDAY, 14th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 15th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's trough over Rawalpindi division and adjoining areas moved away eastwards.

The western disturbance north of Afghanistan is moving away across east Russian Turkistan. Its trough over Kalat division has accentuated into a low which now lies over D. I. Khan division and neighbourhood, with its trough extending to north Arabian Sea.

The system has caused fairly widespread rain in Kalat division and scattered in Quetta and Peshawar divisions.

The secondary western disturbance over southeast Iran and neighbourhood is now approaching Kalat division.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Ormara 2", Drosh, Hindubagh, Kalat, Nushki, Dalbandin, Panjgur and Jiwani 1/4" each.

Night temperatures were 3—8°F above normal over West Pakistan outside D. I. Khan, Bahawalpur, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 16th December, 1959. Fairly widespread rain/thundershowers will occur in Kalat and Quetta divisions, local in D. I. Khan and Peshawar divisions and the Federal Capital Area and scattered in Rawalpindi division and Kashmir.

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WEATHER BUREAU

Karachi-11
The 15th December, 1959.

K. U. SIDDIQI
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar ...	000	9	2	34	02	94	01	0	117	73	0	0	9	0	6	65	82
	Chittagong ...	000	0	0	34	02	xx	00	0	119	71	0	0	9	0	0	65	81
	Maijdee Court ...	000	0	0	00	00	xx	10	0	123	71	0	0	9	0	0	69	80
	Comilla ...	000	0	0	00	00	94	00	0	123	68	0	0	9	0	0	61	81
	Brahmanbaria ...	000	0	0	00	00	xx	00	1	122	73	0	0	9	0	0	65	81
	Sylhet ...	000	0	0	00	00	xx	02	0	118	70	0	0	9	0	0	59	82
	Srimangal ...	000	0	0	00	00	xx	00	0	119	64	0	0	9	0	0	61	81
Dacca	Mymensingh ...	000	0	0	00	00	95	00	0	127	73	0	0	9	0	0	63	79
	Narayanganj ...	000	0	0	00	00	xx	05	4	121	72	0	0	9	0	0	60	81
	Dacca (Tezgaon) ...	000	0	0	31	03	97	02	0	116	68	0	0	9	0	0	58	79
	Faridpur ...	000	8	0	00	00	95	05	0	120	70	0	0	9	0	0	62	77
	Barisal ...	000	0	0	00	00	96	02	0	117	75	0	0	9	0	0	62	79
Rajshahi	Khulna ...	000	0	0	00	00	xx	00	0	125	72	0	0	9	0	0	62	80
	Satkhira ...	000	0	0	00	00	98	00	0	128	71	0	0	9	0	0	62	79
	Jessore ...	000	0	0	36	02	97	00	0	119	75	0	0	9	0	0	58	79
	Sirajganj ...	000	0	0	00	00	91	00	0	123	xx	0	0	9	0	0	63	80
	Bogra ...	000	0	0	00	00	xx	02	0	120	70	0	0	9	0	0	62	78
	Dinajpur ...	000	0	0	00	00	xx	00	0	128	72	0	0	9	0	0	60	79
	Rangpur ...	000	0	0	00	00	96	02	0	...	70	0	0	9	0	0	56	78
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	6	6	00	00	96	02	1	142	69	6	0	9	8	0	53	76
	Sialkot ...	000	2	4	00	00	97	02	1	134	69	4	4	6	x	x	55	72
Rawalpindi	Jhelum ...	000	6	5	31	02	96	01	2	145	63	1	1	7	3	0	44	70
	Rawalpindi ...	000	0	7	00	00	95	03	2	151	59	7	1	7	7	0	49	62
	Khushab ...	000	0	4	00	00	99	03	2	168	67	4	3	6	0	0	43	69
Multan	Lyallpur ...	000	0	1	00	00	96	02	0	159	70	6	0	9	4	0	46	74
	Montgomery ...	000	0	1	27	02	97	00	0	145	70	0	0	9	0	1	46	74
	Multan ...	000	0	0	36	02	98	02	0	146	77	0	0	9	0	0	38	77
Bahawalpur	Leiah ...	000	0	2	36	02	97	04	1	163	74	0	0	9	0	2	43	75
	Khanpur ...	000	0	0	00	00	96	03	0	148	75	0	0	9	0	0	55	77
	Bahawalpur ...	000	0	0	00	00	97	00	0	145	70	0	0	9	0	0	47	74
	Fort Abbas ...	000	0	3	34	03	98	00	0	144	72	0	0	9	0	0	49	76
Peshawar	Chakdara ...	000	0	8	00	00	95	03	1	168	54	8	6	7	x	x	42	55
	Peshawar ...	000	0	7	13	02	96	05	2	162	61	4	5	6	3	1	42	66
	Haripur ...	000	7	8	05	06	56	50	5	151	58	8	5	6	0	r	47	71
	Campbellpur ...	000	9	8	27	02	98	02	2	165	59	0	0	9	4	9	40	62
D. I. Khan	Bannu ...	000	0	5	00	00	99	02	0	155	66	5	0	9	6	0	44	70
	D. I. Khan ...	000	6	2	00	00	98	03	0	160	66	0	0	9	0	2	51	72
Quetta	Sibi ...	000	9	4	23	02	98	03	1	156	72	0	0	9	0	2	39	74
Kalat	Nokkundi ...	000	3	0	07	05	97	03	2	159	61	x	x	8	>	x	43	66
	Turbat ...	025	2	9	23	02	96	02	*2	136	65	0	0	9	9	0	58	79
	Jiwani ...	028	7	6	02	09	97	01	6	141	69	3	5	5	4	0	63	71
	Pasni ...	000	0	7	09	14	98	00	0	144	72	4	7	7	2	1	69	75
	Ormara ...	000	0	6	09	05	98	02	1	144	73	6	2	5	0	0	63	74
	Las Bela ...	000	0	4	00	xx	98	30	3	152	76	4	8	7	8	6	52	80
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	4	31	07	58	01	1	149	77	0	0	9	0	3	64	80
	Karachi (Air Port) ...	000	0	4	18	02	96	03	0	147	77	0	0	9	0	3	47	81
	Badin ...	000	0	0	00	00	97	00	0	151	76	0	0	9	0	0	43	78
	Nagarparker ...	000	8	0	00	00	98	00	0	123	78	0	0	9	0	0	47	80
	Umerkot ...	000	0	1	34	05	98	00	0	138	76	0	0	9	0	2	37	77
	Hyderabad ...	000	0	3	09	02	97	03	0	153	75	0	0	9	0	1	42	80
Khairpur	Pad-i-dan ...	000	0	1	16	03	97	01	0	149	74	0	0	9	0	1	41	76
	Nawabshah ...	000	0	4	00	00	97	01	2	159	74	0	0	9	2	0	43	77
	Sukkur ...	000	8	1	73	02	96	01	0	147	72	0	0	9	0	3	39	78
	Kashmore ...	000	0	0	xx	xx	99	00	0	153	73	0	0	9	0	0	32	76
	Jacobabad ...	000	0	1	00	00	97	02	0	151	73	1	0	9	4	0	41	76
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kewait ...																	
HILL STATIONS																		
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	001	7	6	07	19	97	02	6	505	43	6	3	3	0	0	33	47
Peshawar	Drosh * ...	000	1	8	23	05	96	50	5	533	43	8	5	6	x	x	24	47
	Cherat * ...	000	0	7	36	07	98	03	1	515	51	7	6	6	0	0	24	54
	Kakul * ...	002	3	8	27	03	96	10	5	495	48	8	7	6	x	x	42	58
	Landi Kotal * ...	000	0	4	00	00	98	02	1	504	54	0	0	9	4	8	23	57
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Miranshah * ...	000	0	0	05	02	99	00	0	490	58	0	0	9	0	0	31	69
	Wana * ...	000	3	0	16	05	99	00	0	489	xx	0	0	9	0	0	19	57
	Fort Sandeman * ...	000	0	0	00	00	98	00	0	494	59	0	0	9	0	0	23	59
Quetta	Hindubagh * ...	000	3	7	07	06	93	03	3	479	48	0	0	9	3	7	23	52
	Loralai * ...	000	0	2	13	03	97	01	1	380	54	2	2	8	0	0	27	61
	Harnai * ...	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	002	9	8	00	00	97	03	3	500	44	0	3	6	0	0	40	51
	Chaman * ...	006	7	8	02	02	95	03	6	494	46	8	7	6	0	0	38	59
Kalat	Kalat * ...	006	8	3	25	08	97	01	5	506	45	3	4	7	0	0	35	48
	Nushki * ...	000	0	1	31	02	98	01	1	580	56	1	0	9	2	0	42	61
	Dalbandin * ...	003	8	5	13	09	96	01	5	496	58	5	8	7	0	0	46	60
	Panjgur * ...	000	0	7	23	03	98	03	2	496	64	0	0	9	6	0	37	64
Afghanistan	Kabul * ...	000	0	3	36	02	99	03	1	548	44	3	5	7	0	0	39	47
	Kandhar * ...																	

At 0300 Hrs. G.M.T. of date; Departure from Normal; 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 November, 1959 to date (39)	Rainfall departure from normal (40)	Rainfall since 1st January 1959 to date (41)	Actual normal (42)
Chittagong	Cox's Bazar	000	0	2	02	02	97	03	0	143	72	0	0	9	0	1	61	62	+ 2	+ 3	1.7	− 2.2	142.8	140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					108
	Maijdee Court	000	9	0	00	00	98	00	4	152	69	0	0	9	0	0	xx	58	+ 2	− 1	0.1	− 1.7	144.7	115
	Comilla	000	0	0	00	00	97	C0	0	135	67	0	0	9	0	(	62	57	+ 2	+ 2	0.1	− 1.5	107.8	94
	Brahmanbaria	000	0	3	00	00	97	03	1	157	70	0	0	9	0	4	63	57	—	—	0	− 1.3	85.2	76
	Sylhet	000	0	1	09	05	97	01	0	153	70	1	0	9	3	C	58	57	—	—	0	—	193.9	—
	Srimangal	000	0	2	C0	00	96	03	0	157	69	1	1	7	0	C	63	50	0	+ 1	0	− 1.6	109.4	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					74
	Dacca (Tezgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					71
	Barisal	000	9	5	00	00	96	03	0	151	66	3	0	9	4	2	63	60	+ 1	+ 4	0	− 1.8	140.5	81
Rajshahi	Khulna	000	0	0	C0	00	97	00	0	160	70	0	0	9	0	0	68	59	+ 2	+ 4	0	− 1.2	102.8	48
	Satkhira	000	0	0	00	00	98	00	0	162	71	0	0	9	0	0	59	57	− 1	+ 4	0	− 1.8	82.1	65
	Jessore	C00	0	4	05	03	97	03	0	159	66	0	0	9	0	3	59	54	+ 1	− 1	0	− [illegible]	105.8	65
	Sirajganj	000	0	0	36	02	98	00	0	143	68	0	0	9	0	0	61	57	+ 3	+ 2	0	− [illegible]	107.7	64
	Bogra	0C0	0	4	36	03	96	03	1	161	66	0	0	9	0	4	59	58	+ 1	+ 3	0	− 0.8	104.4	69
	Dinajpur	030	0	0	00	00	96	00	1	150	69	0	0	9	0	0	57	53	+ 2	+ 2	0	− 0.4	66.9	72
	Rangpur																		+ 2					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	00	08	96	03	0	179	53	1	0	9	3	1	47	50	+ 3	+ 10	1.1	+ 0.9	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	170	55	0	0	9	0	0	49	50	+ 2	+ 8	3.1	+ 2.7	61.8	33
Rawalpindi	Jhelum	000	9	2	00	C0	96	03	1	178	48	1	1	7	3	0	44	46	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	3	00	00	98	01	1	192	45	7	0	9	3	0	xx	43	− 6	+ 6	3.6	+ 2.9	55.9	36
	Khushab	000	0	1	27	02	99	01	1	186	44	1	4	6	0	0	39	44	− 4	+ 2	1.1	− 0.9	23.5	15
Multan	Lyallpur	000	0	6	00	00	96	02	0	180	45	6	0	9	4	0	42	44	+ 4	+ 3	0.4	+ 0.2	18.6	12
	Montgomery	000	0	1	00	00	96	00	0	172	46	0	0	9	0	1	39	43	+ 1	0	0.1	− 0.1	8.5	10
	Multan	000	0	0	36	02	98	02	0	189	47	0	0	9	0	0	35	45	+ 5	+ 2	0.4	0	8.3	7
Bahawalpur	Leiah	000	0	2	00	00	98	05	1	182	44	2	0	8	6	0	34	40	—	—	[illegible]	—	7.0	8
	Khanpur	000	0	0	00	00	96	03	0	194	52	0	0	9	1	0	36	45	+ 1	+ 1	[illegible]	− 0.2	1.4	6
	Bahawalpur	000	0	1	C0	00	98	00	0	189	52	0	0	9	0	1	41	45	0	+ 2	0.1	0	6.6	6
	Fort Abbas	000	0	1	xx	xx	98	00	0	183	49	0	0	9	1	0	44	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	6	00	00	97	03	2	207	36	6	0	8	4	0	32	36	—	—	3.7	—	32.1	—
	Peshawar	000	0	6	18	02	97	02	1	198	49	6	5	7	0	0	37	46	− 1	+ 5	5.0	4.5	28.5	14
	Haripur	000	0	7	05	04	96	00	0	186	48	7	1	6	0	0	46	39	—	—	4.5	—	35.7	—
	Campbellpur	000	8	6	31	02	98	01	1	219	46	0	0	9	1	0	44	39	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	2	5	27	01	99	03	0	181	47	5	0	9	8	[illegible]	40	47	—	—	2.5	—	[illegible]	11
	D. I. Khan	000	2	3	00	00	98	01	1	181	45	0	0	9	3	0	41	40	− 1	− 1	1.7	+ 1.5	[illegible]	18
Quetta	Sibi	000	2	8	31	02	96	50	5	186	57	8	7	3	0	0	45	49	—	—	4.1	—	9.3	8
Kalat	Nokkundi	000	0	0	27	05	98	03	2	199	44	x	x	8	x	x	32	42	—	—	0.7	—	1.8	2
	Turbat	025	0	0	09	02	95	10	2	172	57	0	0	9	u	c	57	xx	—	—	1.8	—	9.1	—
	Jiwani	028	0	3	36	02	96	02	6	150	61	2	5	5	3	0	57	58	—	—	1.4	—	8.1	4
	Pasni	010	0	7	07	16	98	00	0	158	67	4	5	7	8	c	66	62	− 2	+ 5	0.4	− 0.3	13.5	4
	Ormara	185	1	6	00	00	96	80	6	114	63	6	2	5	0	c	62	62	—	—	5.9	—	9.9	6
	Las Bela	000	0	4	00	00	97	31	0	181	62	4	8	7	8	8	56	55	—	—	C.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	2	05	10	95	C5	1	174	57	0	0	9	0	1	34	54	+ 1	− 6	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	0C0	0	2	00	C0	96	03	0	177	54	0	0	9	0	0	46	51	—	—	3.3	—	26.1	—
	Badin	000	0	0	23	02	96	00	0	174	55	0	0	9	0	0	44	49	− 3	− 2	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	155	60	0	0	9	0	0	44	55	—	—	0	—	30.5	—
	Umerkot	000	0	7	36	03	98	00	0	167	51	7	0	9	3	0	36	48	—	—	0.5	—	20.8	—
	Hyderabad	000	0	3	36	02	95	10	0	177	53	1	0	9	2	8	47	52	+ 1	0	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan	000	0	2	00	00	96	03	0	178	51	2	0	9	7	0	42	45	—	—	0.3	—	7.9	—
	Nawabshah	000	0	3	00	00	96	03	0	187	46	2	0	9	3	6	40	46	—	—	0.3	—	7.5	
	Sukkur	000	9	1	00	00	96	02	0	177	55	0	0	9	0	5	45	49	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	184	58	0	0	9	0	0	35	49	—	—	1.3	—	3.4	—
	Jacobabad	000	C	2	18	03	98	02	0	181	55	2	0	9	3	0	42	51	+ 1	+ 5	0.3	+ 0.1	4.7	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kewait																							—
HILL STATIONS																								
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	001	9	6	16	19	97	02	1	532	42	4	4	5	9	0	34	39	− 2	+ 4	5.9	+ 4.5	84.4	59
Peshawar	Drosh *	026	9	8	00	00	95	60	6	551	37	8	5	5	x	x	31	36	− 5	+ 1	5.0	—	35.5	18
	Cherat *	000	0	2	05	05	98	03	0	532	49	2	1	6	0	0	34	47	− 1	+ 4	6.0	+ 4.6	37.4	29
	Kakul *	002	°	3	36	03	95	04	4	525	47	2	4	6	0	1	37	45	—	—	5.0	—	60.1	—
	Landi Kotal *	000	0	7	00	00	98	03	2	509	28	0	0	9	3	8	27	36	—	—	3.9	—	32.8	—
	Parachinar *	000	0	5	00	00	98	02	0	532	38	2	1	8	2	0	28	35		—	6.0	—	34.0	29
D. I. Khan	Miranshah *	000	0	4	00	00	99	02	0	494	44	0	0	8	2	2	29	35	—	—	1.1	+ 0.8	[illegible]	13
	Wana *	000	x	7	00	00	99	20	2	532	39	7	3	8	0	0	25	32	—		2.5	—	[illegible]	—
	Fort Sandeman *	000	0	4	00	00	97	01	0	510	41	4	0	7	8	0	28	34	+ 1	0	5.0	+ 4.7	21.0	11
Quetta	Hindubagh *	035	1	8	09	03	92	25	6	497	26	8	6	9	6	6	10	25	—	—	5.1	—	18.1	—
	Loralai *	C03	0	7	00	00	96	02	1	361	37	2	2	6	2	0	32	34	—	—	3.6	—	16.2	—
	Harnai *	000	5	9	27	02	96	21	6	xxx	xx	x	x	x	x	x	xx	xx	—	—	5.9	+ 5.5	18.7	
	Quetta *	027	9	8	00	00	94	03	2	529	42	8	3	6	x	x	38	36	—	—	2.6	+ 1.5	12.8	14
	Chaman *	008	3	8	18	01	95	03	2	495	44	8	6	7	0	0	41	40	+ 2	+ 3	1.6	+ 0.5	7.8	8
Kalat	Kalat *	031	2	8	00	00	96	64	6	520	39	8	7	6	0	0	39	34	− 7	+ 8	2.0	+ 1.4	13.9	7
	Nushki *	026	1	8	05	05	98	01	6	538	49	8	6	6	0	0	47	45	—	—	1.0	—	3.9	9
	Dalbandin *	020	9	8	05	03	96	03	6	491	47	4	7	4	2	x	48	47	+ 3	+ 10	0.8	+ 0.5	3.0	—
	Panjgur *	000	0	4	18	02	98	03	1	493	51	0	0	9	5	0	43	[illegible]	− 1	+ 9	0.1	—	4.2	5
Afghanistan	Kabul *	000	0	8	32	02	96	03	3	571	[illegible]	8	5	7	x	x	32	[illegible]	—	—	—	—	—	14
	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 rain, fall 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 15th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$ld_sd_sP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Innesmoor	23 184	574 00	0 00 00	99 02 0	154 73	00 9 00	14 60 1	...	0 00 72	...
Kirchimaru	23 111	749 00	1 00 00	96 02 0	090 82	10 7 41	65 40 0	...	0 02 70	1 00 20
Isemaru	23 145	170 00	5 01 12	98 02 1	130 81	44 4 11	35 60 5	...	0 52 72	1 02 33
Alsayyada	23 212	690 00	0 00 00	98 02 1	134 74	03 9 00	74 50 0	...	0 03 58	1 3x 24
Alsayyada	23 219	685 06	0 01 18	99 02 1	162 75	00 9 00	74 09 2	...	0 10 59	1 01 21
Jinanjmaru	23 193	583 06	1 00 13	99 02 0	197 73	00 9 05	14 20 1	...	0 54 58	1 00 23
Dara	23 216	694 06	0 05 14	98 00 0	111 75	00 9 00	75 01 0	...	0 52 55	1 04 33
Samero	23 222	599 12	0 00 00	98 00 0	084 79	00 9 00	85 40 0	...	0 04 77	1 00 x0
Innesmoor	23 203	590 12	0 24 09	99 02 0	153 76	00 9 00	14 70 1	...	0 00 55	1 24 22
Mozaffari	23 '62	604 12	6 03 18	99 02 2	130 79	61 6 xx	15 40 0	...	0 53 66	1 03 23
Alsayyada	23 231	678 12	2 02 23	98 02 1	145 74	00 9 05	74 40 0	...	0 53 60	1 01 23
Sinaire	23 232	592 18	7 23 04	98 03 1	066 73	78 3 20	74 40 0	...	0 54 70	1 00 xx
Dara	23 233	676 18	1 05 19	99 02 0	164 73	10 0 40	75 20 5	...	0 51 68	1 05 11
Langkaede	23 251	580 18	1 23 17	98 02 0	153 72	11 4 00	36 10 2	...	0 54 60	1 23 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$T_dT_dT_d$	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	35
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 175 138	xxx xxx xxx	...	145 155 999	...	312 125 999	439 055 999	586 538 999	758 665 999			...	...
Jiwani ...														
Karachi ...	00 00	013 132 072	151 165 105	...	149 125 052	...	310 022 518	433 532 592	576 598 722	744 746 872	947 853		...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	975 105 035	...	...	150 312 072	...	309 512 512	431 572 572	571 672 672	735 728 999	935 908	202 045	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT $T_dT_dT_d$								Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	758 665 999	...	...
Jiwani ...													
Karachi ...	00 00	977 178 122	900 155 078	800 088 025	...	...	...	...	...	...	800 088 025	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	930 152 082	900 132 068	800 072 032	350 855 999	250 912 999	...	...	...	...	250 912 999	...	...
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)									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	1	3	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 ...	34 09	34 09	32 10	34 08	34 08	29 24	28 28	—		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	02 04	10 03	17 04	15 15	17 10	23 16																			
Dacca ...	01 08	34 09	01 08	02 09	32 12	25 26	25 35	25 37	25 44	08 02	06 08	02 04	23 02			06 08	07 09	07 07	10 05	20 12	23 32	22 52	24 49	24 54	24 66	...
Jiwani ...	30 06	24 03	16 04	12 04	14 C1	...	...	...	...	02 06	03 06	17 08	27 02	26 03	32 09											
Karachi ...	27 05	22 02	07 02	09 09	06 08	25 12				02 17	02 07	17 02	18 06	31 02	07 06	35 08	00 00	15 08	28 03	29 03	05 06	25 09	26 04	36 06	20 06	
Lahore ...	30 04	31 05	31 04	19 03	30 06	29 16	30 22	28 21	...	...	...					36 02	09 03	08 03	34 05	29 11	29 17	27 17	27 12	26 17	27 27	25 30
Multan ...	...		08 12	18 08	23 15	23 23	23 26	24 33	...			08 08	21 07	23 08	...			26 09	22 03	...			...		...	
Peshawar ...						—														...		...				
Quetta ...	No	Ascent	—			—				No	Ascent					No	Ascent	—		—						
Fort Sandeman ...				27 02	20 06	25 05	26 13	24 24	24 24				05 08	17 07	23 11				02 02	17 11	18 27	...	...	...	...	...
Jacobabad ...	17 03	16 04	18 05	23 05	26 13	25 21	26 30	26 38		04 04	21 03	21 07	21 13	17 07	21 15	15 06	18 06	19 08	19 13	21 15	...	...	...	...	...	...
Jacobabad ...	33 09	34 08	34 05	34 06	33 11	32 15				36 12	36 13	01 14	35 13	33 17	32 12	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	31 07	34 05	04 03	12 03	14 22	17 11	20 11	22 09		32 05	31 11	31 08	24 02	25 04	25 18	31 07	30 10	28 03	18 01	14 15	16 20	19 29	22 36	24 48	...	...
Jiwani ...	34 07	23 08	22 17	21 22	23 22					16 03	22 04	24 10	24 17	24 20	24 31	31 09	28 14	25 14								
Karachi ...	06 07	06 02	09 03	34 06	29 10	26 23	25 26	24 32	25 47	14 06	14 10	16 09	18 06	20 07	23 21	11 12	17 12	19 11	20 10	19 15	23 26	24 43	24 57	24 54	24 60	...
Khanpur ...	28 03	28 03	28 04	33 06	33 12	27 19	25 27	25 49	25 59	21 10	34 04	28 04	17 04	28 13	29 33	13 05	14 06	14 04	14 07	18 07	18 18	22 25	22 21	22 25		...
Lahore ...	33 07	32 06	31 03	13 03	16 09	16 05	...		...	34 12	33 12	34 09	08 03	13 08	14 10	34 08	32 08	32 10	11 10	15 13	20 15	19 17	20 23	23 30	24 56	...
Multan ...	25 04	27 04	27 05	32 04	35 06	28 13	25 15	24 19	25 35	04 05	03 03	02 02	28 04	24 03	23 02	29 03	23 03	21 03	17 04	19 06	20 10	21 24	24 33	24 47	...	...
Muscat ...	—	—				—												—			—	—	—			...
Panjgur ...	—					—																				...
Peshawar ...	...	03 01	33 05	02 03	13 04	22 04	...	...	...		19 01	33 06	35 07	06 06	12 08		19 01	34 04	08 05	12 13	15 20	18 27	20 34	...		...
Quetta ...	...				13 01	22 08	...	...	...	No	Ascent		...	...	...	No	Ascent	...		...		...		...	...	...
Sharjah ...																										...
Sylhet ...	18 03	14 01	18 01	19 05	26 05	27 20	...		...	07 11	07 07	10 07	19 07	24 12	28 27	09 03	11 05	13 04	25 01	24 11	28 21	28 28	28 22	26 27	28 33	...
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 02	06 03	06 05	07 10	07 21	29 27	30 15	27 21	27 17	27 19	30 21	27 37	...	...	...	...	...	...
Karachi ...	13 05	14 09	20 08	20 08	24 03	21 12	23 21	21 40	23 51	23 57	23 81	23 81				...		
Peshawar ...	Misc'n												—					
Quetta ...																		

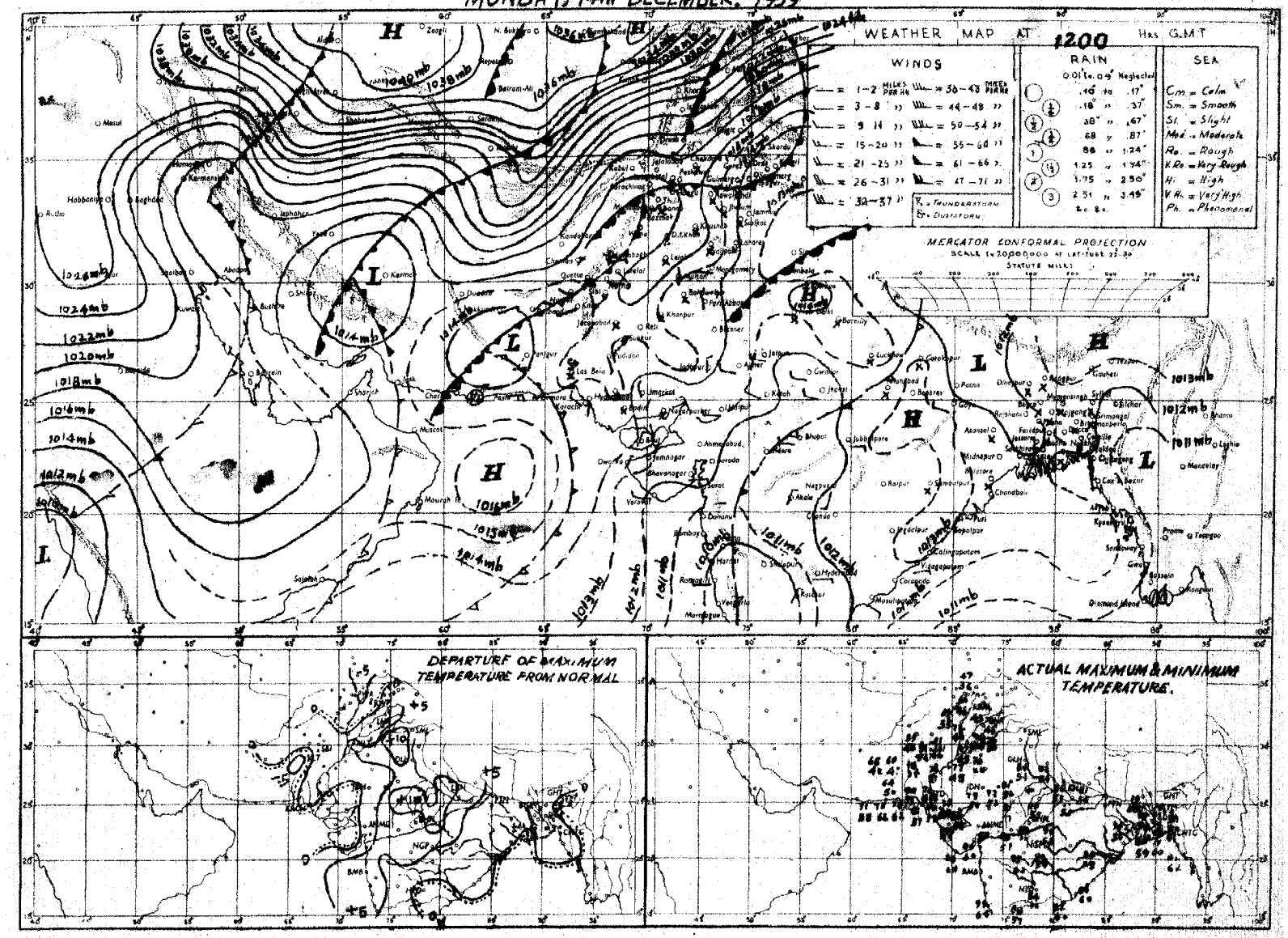
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

MONDAY, 14th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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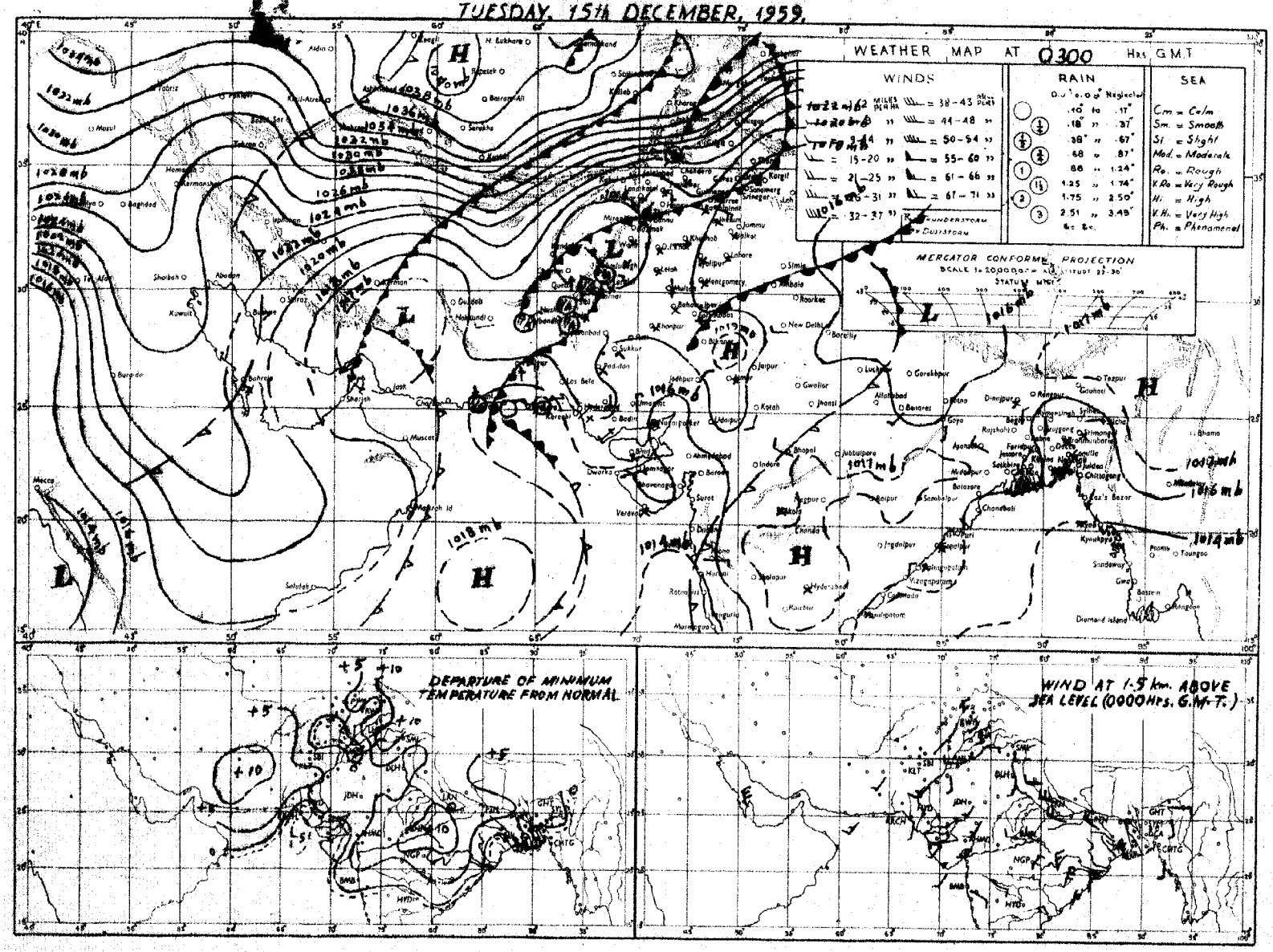
PAKISTAN DAILY WEATHER MAP

TUESDAY, 15th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. 8-1457
Volume No. 13

WEDNESDAY THE 16th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over D. I. Khan division is moving away northeastwards trough Kashmir.

The secondary western disturbance approaching Kalat division now lies over Multan division and neighbourhood with its trough extending to west Rajasthan and adjoining Hyderabad division.

The system has caused fairly widespread rain in D. I. Khan, Quetta and north Kalat divisions, local in Peshawar and south Kalat divisions and scattered light rain/drizzle in Rawalpindi and Khairpur divisions and the Federal Capital Area.

Scattered snowfalls have also been reported from the hills of West Pakistan.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Drosh 3"; Hindubagh 2"; Parachinar 1"; Chakdara and Harnai 3/4" each; Landikotal, Wana, Loralai, Quetta, Chaman, Kalat, Nushki and Dalbandin ½" each and Miranshah, Fort Sandeman, Panjgur and Jiwani 1¼" each.

Night temperatures were 3—12°F below normal in Quetta and Kalat divisions and the Federal Capital Area and were 3—8°F above normal over Bahawalpur, Multan, Lahore and Rawalpindi divisions and in East Pakistan.

Forecast valid until the evening of 17th December, 1959. Rain/thundershowers will be fairly widespread in Rawalpindi and Lahore divisions and Kashmir, local in Peshawar division and scattered in D. I. Khan, Multan and Bahawalpur divisions.

Cold Wave Warning:- Cold wave of moderate intensity already affecting Kalat and adjoining Quetta divisions and the Federal Capital Area, likely extend whole of West Pakistan during next 24 hours.

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WEATHER BUREAU

Karachi-11
The 16th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	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 (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	29	02	94	02	1	119	73	1	0	9	1	0	65	81	000	0	3	34	05	97	02	0	159	73	0	0	9	0	4	65	63	+ 1	+ 5	1.7	— 2.3	142.8	140
	Chittagong	000	0	2	29	05	xx	02	1	124	71	2	0	9	1	0	65	80	000	0	2	02	05	96	01	1	162	71	0	0	9	0	2	56	60	+ 2	+ 3	1.4	— 1.3	143.4	108
	Maldee Court	000	9	0	00	00	xx	10	0	121	70	9	1	9	1	0	63	80	000	0	0	00	00	98	00	4	161	72	0	0	9	0	0	63	58	+ 2	0	0.1	— 1.7	144.7	115
	Comilla	000	0	0	00	00	94	00	0	118	73	0	0	9	0	0	63	83	000	0	0	00	00	97	00	0	144	71	0	0	9	0	0	61	58	+ 5	+ 4	0.1	— 1.5	107.8	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	124	72	0	0	9	0	2	64	81	000	0	2	00	30	97	03	1	168	72	0	0	9	0	4	64	59	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	3	00	00	xx	00	0	118	70	0	0	9	0	1	62	81	000	0	1	09	35	96	02	0	164	70	1	0	9	7	0	64	58	—	—	n	—	193.9	—
	Srimangal	000	0	2	00	00	xx	02	1	116	71	0	0	9	0	0	59	83	000	0	3	00	00	96	02	0	165	67	2	1	7	0	1	62	51	+ 2	+ 3	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	2	00	00	97	01	1	126	74	0	0	9	0	4	63	80	000	0	0	09	02	97	00	0	170	67	0	0	9	0	0	52	58	+ 3	+ 4	0	— 0.9	113.3	91
	Narayanganj	000	9	3	00	00	xx	01	0	119	71	0	0	9	0	8	59	81	000	9	1	00	00	96	01	0	164	74	0	0	9	0	1	59	59	+ 3	+ 2	0	— 1.1	103.9	74
	Dacca (Tezgaon)	000	9	6	31	03	97	02	1	118	69	0	0	9	0	1	59	79	000	0	3	00	00	96	02	1	161	67	0	0	9	0	1	62	54	—	—	0	—	103.6	—
	Faridpur	000	8	2	00	00	95	05	0	124	71	2	0	8	1	0	59	77	000	0	3	34	02	94	01	0	169	68	2	0	9	4	1	63	56	+ 1	+ 2	0	— 1.3	116.6	71
	Barisal	000	0	4	00	00	96	02	1	128	75	4	0	9	6	0	62	79	000	0	4	00	00	96	02	1	162	68	3	0	9	4	2	59	59	+ 1	+ 4	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	131	71	0	0	9	0	0	65	79	000	0	0	00	00	96	00	0	170	73	0	0	9	0	0	61	59	+ 1	+ 4	0	— 1.2	102.8	60
	Satkhira	000	0	0	00	00	98	00	0	131	71	0	0	9	0	0	59	80	000	0	0	00	00	98	00	0	172	71	0	0	9	0	0	59	57	— 0	+ 5	0	— 1.8	82.1	65
	Jessore	000	0	0	36	02	97	00	0	129	75	0	0	9	0	0	58	79	000	0	0	31	03	97	00	0	159	65	0	0	9	0	0	60	54	+ 1	—	0	— 1.1	108.8	65
	Sirajganj	000	0	0	00	00	96	00	1	101	68	0	0	9	0	0	63	80	000	0	0	00	00	98	00	4	148	69	0	0	9	0	0	67	57	+ 3	+ 4	0	— 0.8	107.7	64
	Bogra	000	0	2	00	00	xx	02	1	120	71	0	0	9	0	1	60	78	000	0	0	09	02	96	02	4	168	66	0	0	9	0	0	61	57	+ 5	+ 4	0	— 0.6	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	128	71	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	159	67	0	0	9	0	0	55	53	+ 3	+ 3	0	— 0.4	66.9	72
	Rangpur	000	0	1	00	00	96	01	0	xxx	70	1	0	9	1	0	58	78	000	0	0	15	02	96	01	0	xxx	64	0	0	9	0	0	56	55	— 8	+ 4	0	— 0.5	92.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	7	1	10	00	96	02	1	143	69	3	1	7	3	0	53	75	000	0	2	13	02	96	03	0	153	57	1	5	7	3	0	47	48	+ 2	+ 9	1.1	+ 0.9	27.1	19
	Sialkot	000	0	3	00	00	98	02	1	133	68	2	4	6	4	0	58	73	000	0	2	05	03	97	02	0	154	59	2	4	6	0	0	51	51	+ 3	+ 9	3.1	+ 2.7	61.8	32
Rawalpindi	Jhelum	000	4	5	00	00	96	03	1	136	69	3	1	7	3	0	53	77	000	9	7	00	00	95	10	2	141	54	4	5	6	7	0	51	47	—	—	5.0	—	55.2	—
	Rawalpindi	000	0	2	00	00	95	02	0	145	63	2	0	9	7	0	51	75	000	9	8	00	00	98	00	5	141	54	6	5	6	9	0	49	47	+ 5	+ 10	3.6	+ 2.8	58.5	36
	Khushab	000	0	0	00	00	99	00	0	144	50	0	0	9	6	0	52	75	000	0	7	00	00	94	03	1	135	55	7	3	6	0	0	47	47	+ 2	+ 6	1.1	— 0.9	23.5	15
Multan	Lyallpur	000	0	5	00	00	96	02	1	148	68	0	0	9	0	4	44	76	000	0	5	07	03	95	02	6	135	55	5	2	8	0	6	41	44	+ 6	+ 3	0.4	+ 0.2	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	143	71	0	0	9	0	0	49	74																		—	—				10
	Multan	000	0	4	00	00	96	03	0	142	72	0	0	9	0	2	39	75	000	0	4	13	03	96	03	0	120	55	2	9	5	0	0	38	47	+ 3	+ 5	0.1	0	8.3	7
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	151	75	1	0	9	1	0	51	80	000	0	7	13	03	98	03	2	134	xx	0	0	9	0	8	38	39	2.5	—	—	7.0	8
	Khanpur	000	0	1	00	00	96	03	0	150	63	0	0	9	0	2	48	78	000	0	0	25	08	96	01	0	146	54	0	0	9	0	0	50	53	+ 14	+ 10	0	— 0.2	1.4	6
	Bahawalpur	000	0	3	00	00	96	02	0	150	63	0	0	9	0	0	48	76	000	0	6	18	07	97	03	0	139	59	6	0	8	4	0	49	51	+ 4	+ 8	0.1	— 0	6.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	150	72	0	0	9	0	0	48	76	000	0	3	18	07	98	00	0	150	57	0	0	9	0	0	40	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	8	00	00	95	43	1	132	56	8	6	7	x	x	49	59	070	4	8	00	00	95	61	6	132	xx	8	6	7	x	x	xx	36	—	—	4.1	—	32.8	—
	Peshawar	000	0	6	00	00	95	04	2	151	61	4	5	6	2	0	45	67	016	7	8	13	02	93	61	6	150	51	4	5	6	2	0	49	50	0	+ 10	5.2	+ 4.6	28.7	14
	Haripur	000	0	0	05	02	97	00	0	135	65	0	0	9	0	0	59	71																		—	—				—
	Campbellpur	000	0	0	00	00	98	00	0	163	66	0	0	9	0	0	41	67	000	5	8	23	02	98	50	5	170	56	8	0	9	2	x	41	46	—	—	4.4	—	40.4	—
D. I. Khan	Bannu	000	0	7	29	01	99	03	1	133	66	7	0	9	9	0	40	71	012	2	8	29	02	97	63	6	132	47	8	6	6	x	x	45	47	—	—	2.6	—	15.5	11
	D. I. Khan	000	6	2	00	00	98	03	0	137	68	0	0	9	0	2	52	76	006	3	8	31	02	97	56	6	134	48	8	8		x	x	42	43	+ 3	— 3	1.8	+ 1.5	16.7	10
Quetta	Sibi	003	9	8	31	02	96	02	2	168	59	8	7	3	x	x	51	64	004	0	0	31	05	98	00	0	213	47	0	0	9	0	0	45	46	—	—	4.1	—	9.4	5
	Nokkundi	000	4	0	34	03	96	05	4	133	73	0	0	9	0	0	25	50	000	0	0	29	02	98	00	0	292	26	0	0	9	0	0	20	25	—	—	0.7	—	1.8	2
	Turbat	000	0	0	27	03	98	00	0	135	71	0	0	9	0	0	55	73	000	0	0	09	08	96	17	0	265	46	0	0	9	0	0	21	xx	—	—	1.8	—	9.1	—
	Jiwani	025	7	7	31	14	97	03	6	152	68	4	5	6	4	0	61	73	025	0	0	02	03	97	02	0	254	45	0	0	9	0	0	29	43	—	—	1.7	—	8.4	4
	Pasni	000	0	6	29	30	98	03	0	143	73	6	1	7	0	0	63	75	000	0	0	02	14	98	00	0	236	50	0	0	9	0	0	26	49	—	2	0.4	— 0.4	13.5	6
	Ormara	000	0	7	00	00	98	02	1	135	70	4	2	5	0	0	67	72	000	0	0	09	02	98	00	0	222	51	0	0	9	0	0	23	48	—	—	5.9	+ 5.8	9.9	6
	Las Bela	000	0	4	00	00	98	00	0	152	66	4	4	8	0	0	45	70	000	0	0	00	00	98	00	0	192	xx	0	0	9	0	0	xx	44	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manors)	000	0	3	18	09	98	01	1	141	76	3	0	9	4	0	65	81	000	0	0	36	16	98	02	3	191	52	0	0	9	0	0	33	47	+ 6	— 12	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	1	18	05	96	02	0	137	77	1	0	9	3	0	50	80	000	9	0	34	14	96	01	6	190	54	0	0	9	0	0	37	53	—	—	3.3	—	26.1	—
	Badin	000	0	0	00	00	98	00	0	136	82	0	0	9	0	0	47	85	000	0	0	23	02	96	00	0	172	56	0	0	9	0	0	46	50	+ 4	— 1	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	126	77	0	0	9	0	0	45	78	000	0	0	00	00	98	00	0	153	60	0	0	9	0	0	46	54	—	—	0	—	30.5	—
	Umarkot	000	0	1	31	02	98	03	0	125	81	0	0	9	0	1	43	85	000	0	0	00	00	98	00	0	172	58	0	0	9	0	0	50	51	—	—	0.5	—	20.8	—
	Hyderabad	000	0	2	23	02	97	02	0	139	78	0	0	9	0	1	42	83	000	0	0	36	02	95	10	0	185	59	0	0	9	0	0	50	58	+ 4	+ 7	0.5	+ 0.4	19.6	7
Khairpur & Hyderabad	Pad-i-dan	000	0	3	31	03	96	01	0	138	73	3	0	9	2	0	42	78	000	0	0	36	03	97	02	0	192	48	0	0	9	0	0	40	46	—	—	0.3	—	7.9	—
	Nawabshah	000	0	1	16	03	97	01	0	139	76	1	0	9	3	0	38	79	000	0	0	31	02	97	02	2	202	54	0	0	9	0	0	42	51	—	—	0.3	—	7.5	—
	Sukkur	000	8	6	34	02	96	03	2	138	72	0	0	9	0	8	45	77	000	0	0	34	05	96	00	0	189	48	0	0	9	0	0	26	46	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	96	02	0	134	72	7	1	6	0	0	39	77	000	0	0	27	08	97	00	0	170	54	0	0	9	0	0	20	51	—	—	1.3	—	3.4	—
	Jacobabad	000	0	6	31	03	97	02	2	146	66	5	5	7	4	0	44	69	001	9	0	34	16	98	02	5	192	46	0	0	9	0	0	23	45	— 6	0	0.3	+ 0.1	4.7	4
Junagadh	Veraval	...																																							20
Afghanistan	Jalalabad	...																																							—
Arabia	Muscat	...																																							4
	Kuwait	...																																							—
	HILL STATIONS																																								26
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							—
	Minjar **	...																																							—
	Allabad *	...																																							5
	Gilgit *	...																																							59
Rawalpindi	Murree *	...	080	9	5	11	07	97	02	1	523	44	3	5	4	5	0	38	51	009	0	8	13	25	95	60	2	489	37	8	9	2	x	x	37	36	+ 6	+ 2	6.0	+ 4.6	84.5	18
	Drosh *	...	080	5	8	00	00	98	02	1	509	53	8	7	2	x	x	32	38	306	9	8	00	00	xx	70	7	460	33	8	7	6	x	x	32	32	— 14	— 2	8.0	—	38.6	29
	Chitral *	...	000	0	3	18	03	98	02	1	506	56	1	2	7	1	0	42	63	005	3	8	36	05	94	58	6	741	40	8	5	6	x	x	40	40	— 2	— 2	6.0	+ 5.0	37.4	—
	Kakul *	...	000	3	2	31	00	97	03	2	495	54	6	0	9	2	0	35	56	006	3	8	29	05	94	63	6	487	47	8	9	4	x	x	46	xx	—	—	5.0	—	60.1	—
	Landi Kotal *	...	000	0	6	00	00	97	06	0	528	40	7	0	8	2	0	38	54	045	3	8	16	09	97	63	6	452	44	8	7	4	x	x	37	37	—	—	4.4	—	33.3	—
	Parachinar *	...	010	5	7	00	02	98	03	2	488	55	8	2	6	8	x	16	58	120	0	8	00	00	93	22	7	491	33	6	8	2	x	x	32	32	—	—	7.2	—	35.2	—
	Miranshah *	...	000	0	8	05	02	98	03	2	488	48	8	4	8	x	x	34	51	033	2	8	00	00	98	03	6	446	41	8	3	6	x	x	32	32	—	—	1.5	+ 1.1	8.5	29
	Wana *	...	000	2	8	27	03	99	04	0	492	50	8	5	7	x	x	28	53	044	4	6	23	07	99	60	1	447	33	6	4	8	0	0	24	33	—	—	3.0	—	15.8	13
	Fort Sandeman *	...	000	0	0	00	00	92	85	7	477	30	8	6	7	6	6	14	33	027	8	8	00	00	96	02	7	480	32	8	5	5	x	x	28	32	— 5	+ 1	5.3	+ 4.9	21.2	—
	Hindubagh *	...	122	8	8	00	00	95	21	6	387	45	8	7	6	0	41	58	215	8	3	25	10	98	02	1	474	18	3	0	9	2	0	07	17	—	—	7.2	—	20.2	11
	Loralai *	...	010	8	8	00	00	96	21	6	xxx	xx	7	7	4	4	3	xx	xx	053	0	3	31	10	97	01	1	396	29	3	2	8	0	0	17	28	—	—	4.1	—	16.7	—
	Harnai *	...	045	8	9	27	02	93	03	2	478	41	8	3	6	x	x	39	46	085	0	0	27	04	96	00	7	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.8	19.1	14
	Quetta *	...	025	9	8	23	03	95	60	6	435	36	8	7	5	x	x	33	45	053	9	8	31	03	93	02	7	517	20	8	0	6	3	x	18	18	—	—	3.1	+ 2.3	13.3	8
	Chaman *	...	020	9	8	27	02	95	60	6	479	40	8	7	6	x	x	39	43	067	3	8	18	02	94	36	7	550	20	8	7	5	x	x	18	19	— 12	— 17	2.3	+ 1.2	8.5	7
	Kalat *	...	040	8	8	18	05	94	50	5	479	40	8	7	6	x	x	39	43	065	3	6	31	05	97	01	2	446	14	6	3	7	0	0	14	14	— 12	+ 12	2.7	+ 2.0	14.6	9
	Nushki *	...	001	1	9	31	13	96	71	7	362	30	9	6	9	x	x	30	49	040	0	9	31	05	98	03	7	595	27	9	6	6	x	x	21	25	—	—	1.4	—	4.3	—
	Dalbandin *	...	037	4	8	23	12	95	89	6	499	38	7	7	4	2	x	34	47	046	9	0	00	00	97	02	7	544	27	0	0	9	0	0	27	27	— 16	— 5	1.2	+ 0.9	5.5	5
Afghanistan	Panjgur *	...	018	3	8	36	07	97	20	6	497	38	8	0	9	6	x	33	47	018	0	0	05	05	98	00	7	543	31	0	0	9	0	0	22	30	— 23	— 9	0.3	—	4.4	14
	Kabul *	...																																							—
	Kandhar *	...																																							—

* Given in Cents.
** These stations report for PPP, the exponential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
*** These stations report for PPP, the exponential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR as 0300 hrs. G. M. T. is rain fall 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 on the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 16th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_s h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_w$ H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Inesmoor	33 226	598 00	2 16 02	99 16 0	155 72	22 2 00	75 40 0		0 52 57	1 16 21
Sarsfiord	33 114	522 00	8 03 18	96 02 2	132 77	88 7 xx	76 70 8	...	0 51 70	1 03 35
Aroods	33 108	751 00	2 11 05	98 xx 0	xxx 82	...	...	...	...	...
Alriasimamaru	33 1xx	698 00	1 33 12	98 02 0	100 82	10 7 40	65 40 0	...	0 00 73	1 33 20
Mozaffari	33 173	647 06	7 03 05	99 01 2	171 79	61 6 00	25 11 0	...	0 52 70	1 03 21
Caltex Utrecht	33 247	632 36	2 26 07	98 02 0	166 77	22 4 60		...	0 52 62	1 26 20
Inesmoor	33 236	590 06	4 31 09	99 12 1	180 74	32 3 80	74 10 1	...	0 52 57	1 31 21
Langkoeas	33 231	xxx 06	1 22 09	98 01 8	173 75	12 3 40	36 21 4	...	0 53 73	1 22 21
Inesmoor	33 245	583 12	6 35 15	98 03 1	178 66	68 4 00	74 20 2	...	0 58 55	1 35 33
Langkoeas	33 216	619 12	0 24 09	98 02 0	153 75	00 9 00	36 30 1	...	0 51 59	1 24 21
Dara	33 249	661 18	4 28 14	98 18 0	159 72	42 5 60	65 10 5	...	0 52 68	1 23 22
Caltex Canlura	33 241	587 18	4 33 21	98 05 2	147 64	32 4 08	33 22 0	...	0 62 49	1 33 44
Harishimaru	33 190	660 18	2 36 10	98 02 0	152 79	20 7 40	65 21 2	...	0 00 68	1 00 20
Essender Land	33 177	565 18	0 32 20	97 05 0	206 71	00 9 00	55 11 6	...	0 50 xx	1 23 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	012 162 102	108 202 142	...	150 152 999	...	313 022 708	440 055 999	587 530 999	759 665 999	968 022		...	...
Jiwani														
Karachi	00 00	014 152 055	141 152 048	...	149 125 005	...	312 072 612	438 042 722	584 560 999	756 740 999	971 742	... 257 882	...	...
Lahore														
Multan														
Peshawar	00 00	971 115 112	...	...	147 095 072	...	308 012 008	431 552 562	572 652 675	737 758 999	941 870	...	...	...
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	872 155 095	...	...	...	...	...	...	...	...	872 155 095	...	...
Jiwani													
Karachi	00 00	900 142 018	800 105 018	...	...	...	...	...	...	...	800 105 018	...	...
Lahore													
Multan													
Peshawar	00 00	900 122 122	800 072 062	350 810 999	250 912 999	207 960 999	...	...	...	...	207 960 999	...	...
Quetta													

PPP Pressure in hundreds tens an 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	1	3	4	5	6	7	8	9	10
Bogra	31 03	30 04	28 02	28 02	31 20	27 21			
Chaklala	...	23 02	14 05	15 14	13 15	18 10	19 27	21 29	23 31
Chhor	22 01	02 01	02 01	23 08	23 25	23 40	24 51	23 55	24 56
Chittagong	30 06	35 03	15 06	15 02	25 06	...	...	—	—
Cox's Bazar	31 08	12 02	13 08		...	...	...	...	
Dacca	29 08	36 05	36 03	06 01	31 08	26 15	29 17	28 17	28 18
Dalbandin	...	—	23 14	25 09	...	...	...	—	...
D. I. Khan	...	—	—			...	...	...	...
Drosh	No	Ascent	...			—	—	...	...
Fort Sandeman	...	...		02 08	30 01	...	—	-	...
Jacobabad	33 07	13 05	19 08	19 07	20 25	...	—	...	-
Jessore	33 10	33 11	33 12	34 10	35 15	27 10	...	...	—
Jhelum	30 01	27 04	21 05	14 15	14 15	...	—	...	—
Jiwani	30 13	30 17	29 15		...			...	...
Karachi	20 08	21 10	24 13	24 20	25 25	24 25	24 47	24 65	...
Khanpur	04 02	10 02	12 05	19 08	22 18	02 34	23 05		...
Lahore	31 04	33 05	32 05	14 04	16 15	18 04	21 22	22 19	24 34
Multan	18 04	19 04	18 07	20 10	20 20	21 19	24 37	...	...
Mastung	...	...	...	—	—	—	...		—
Panjgur	...		...			—	—	...	
Peshawar	...	22 03	02 01	10 06	13 15	...	...	...	...
Quetta	No	Ascent	...		...	—	...	...	...
Sharjah	...	...	...	...		...	...	...	...
Sylhet	05 01	09 00	12 01	16 02	20 02	27 27	29 18	...	...
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 02	09 03	07 04	04 05	30 05	..
Chaklala	...	...	...	...		—
Chhor	25 17	24 21	25 21	25 14	25 32	
Chittagong	06 03	08 04	16 03	22 09	24 09	24 09
Cox's Bazar	30 09	14 10	16 11	24 11	24 10	22 09
Dacca	05 04	06 03	09 03	25 06	26 10	26 17
Dalbandin	—		05 09	31 07	32 18	30 31
D. I. Khan			—	..		...
Drosh	No	Ascent	—	...	...	...
Fort Sandeman	No	Ascent	...	...	...	...
Jacobabad	26 14	27 11	28 13	29 19	30 26	...
Jessore	01 09	36 10	35 11	33 12	31 09	28 13
Jhelum	21 02	15 16	15 20	16 13	...	...
Jiwani	02 17	02 29	02 32	36 30	33 18	33 22
Karachi	33 11	31 23	27 21	28 24	27 32	27 23
Khanpur	25 23	19 19	23 18	23 22	23 20	19 03
Lahore	13 10	14 09	16 11	21 15	29 12	20 21
Multan	18 12	20 13	21 13	25 12	25 15	27 22
Mastung	—	—		-	-	—
Panjgur	—				—	—
Peshawar		23 06	20 09	19 12	...	...
Quetta	No	Ascent	..	...	...	...
Sharjah	...					
Sylhet	08 13	09 07	12 05	27 07	25 09	26 17
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	10 02	10 04	09 04	09 06	29 08	27 18	25 14	26 13	24 21	..	...
Chaklala	...	...	...	...	...	..	-	...	...	..	—
Chhor	35 07	30 19	28 22	25 27	26 33	25 37	...	...	...	...	..
Chittagong	26 03	15 03	18 12	20 10	21 15	20 12	24 12	...	...	...	...
Cox's Bazar	...	...	...			...		...	...	...	...
Dacca	10 03	33 02	33 02	23 07	27 17	27 10	26 11	28 12	24 19	25 23	26 35
Dalbandin		...	13 01	32 07	32 23	32 54	31 83	..	..	...	...
D. I. Khan	...		—	...			...	...		..	..
Drosh	No	Ascent	—	...	...	...	...	..	—	...	—
Fort Sandeman				27 17	28 14	...	...	...	...	...	..
Jacobabad	32 12	30 18	30 21	30 23	28 46		...	..		...	—
Jessore	34 03	35 04	35 05	27 06	27 09	28 08	27 11	24 12	23 20	25 20	..
Jhelum	12 13	14 39	14 34								...
Jiwani	03 19	01 28	01 36	01 34	30 22	31 26	29 32	27 36	28 36	—	—
Karachi	35 14	34 14	32 15	32 24	27 19	28 37	26 46	...		—	..
Khanpur	25 21	27 32	28 37					...	...		...
Lahore	14 13	16 23	16 27	18 23	17 27	17 33	21 47	22 65	22 69	22 94	...
Multan	20 24	21 27	21 26	...	...	...	...	...	...	...	...
Mastung	-	...	...	...	...	...	...	...		...	...
Panjgur	-	-	...	...	...	...	...	...		...	...
Peshawar		...	...	...	...	...	...	...	...	...	...
Quetta	No	Ascent	...	...	...	...	...	...	...	...	...
Sharjah		—	...	...	...	...	...	...		...	...
Sylhet	08 06	09 09	10 10	12 13	14 05	23 16	26 25	26 28	26 25	...	...
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	05 06	05 04	09 03	36 04	27 17	27 04	27 02	29 06	27 05	23 03	26 02		...	—	.	...		...
Karachi	32 31	29 28	27 27	27 31	26 33	25 46	25 56	25 53	25 54	23 58	23 63	24 57	24 56	...	..	...	—	—
Peshawar	Misda	.	—	—	...		..		...	—	—		—		—	...	—	...
Quetta																		

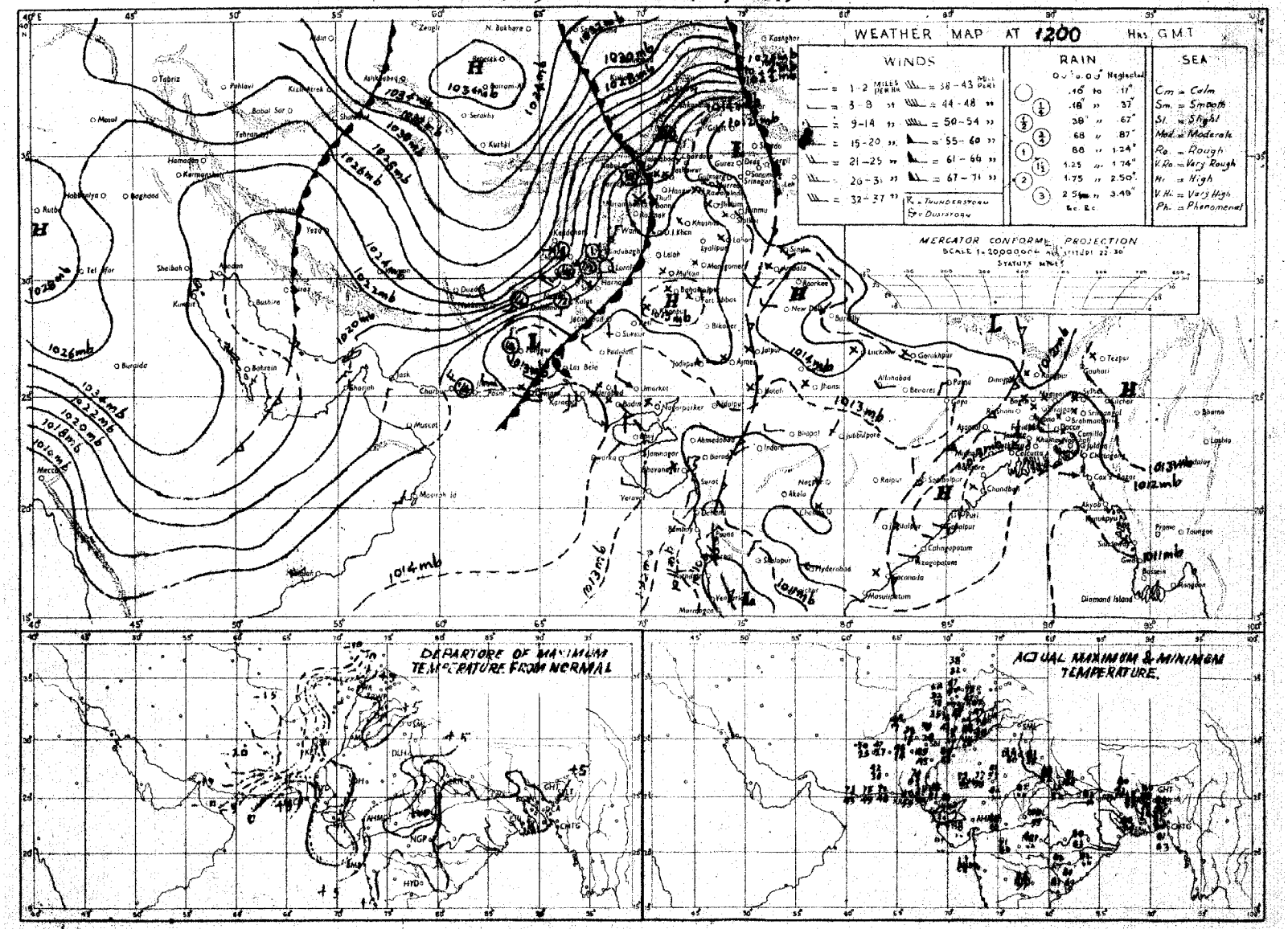
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

TUESDAY, 15th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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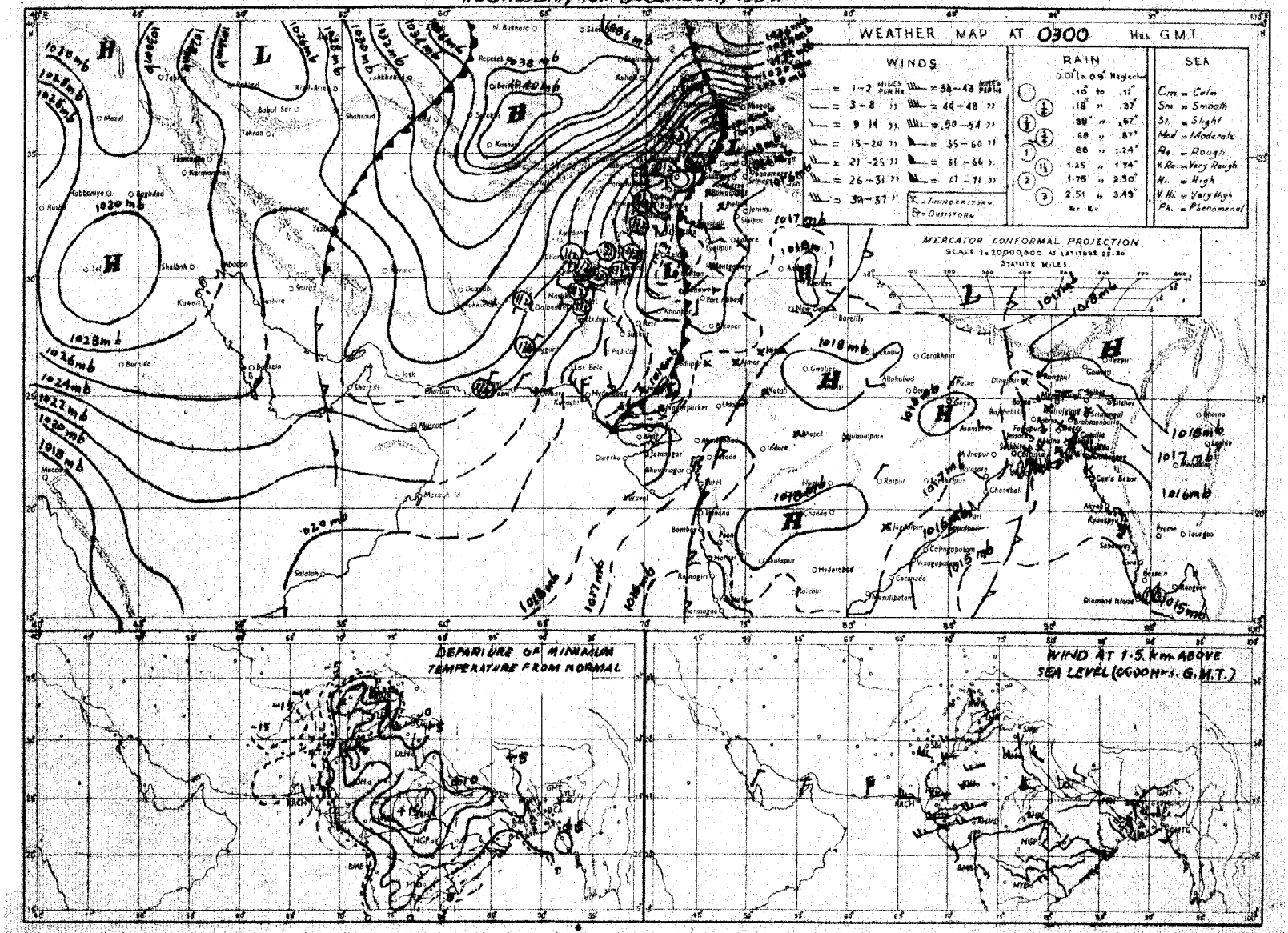
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 16th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. 8-1457
Volume No. 13

THURSDAY THE 17th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over Multan division and neighbourhood moved away northeastwards. Its trough is now moving across Bahawalpur division and adjoining areas.

Widespread rain/thundershowers have been reported from Peshawar division, local from Rawalpindi division and scattered from D. I. Khan and Quetta divisions. Scattered duststorms have also been reported from Multan, Bahawalpur, D. I. Khan and Quetta divisions and snowfalls over the hills of Peshawar, D. I. Khan and Quetta divisions.

Weather remained dry in East Pakistan.

Chief amounts of rainfall are:- Drosh 3"; Chakdara, Cherat and Landikotal 1½" each; Rawalpindi, Murree, Peshawar, Haripur, Kakul, Campbellpur and Parachinar 3/4" each.

Night temperatures were 4—12°F below normal over West Pakistan outside Lahore and Rawalpindi divisions and were 3—5°F above normal in East Pakistan.

Forecast valid until the evening of 18th December, 1959. Scattered thunderstorms/showers will occur in Rawalpindi and Lahore divisions and Kashmir.

Cold Wave Warning:- Cold wave is expected to persist over West Pakistan.

Karachi-11
The 17th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
1	2	3	4	5	6	7	3	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	29	02	94	01	0	133	73	0	0	9	0	6	67	83	000	0	2	02	02	97	03	0	148	73	1	1	7	0	4	67	xx	+ 4	x	1.7	— 2.3	142.8	140
	Chittagong	000	0	4	29	05	xx	02	1	139	72	2	0	9	1	2	64	82	000	0	3	00	00	96	01	0	156	70	1	5	7	1	2	65	60	+ 4	+ 3	1.4	— 1.3	143.4	106
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	155	70	0	0	9	0	0	62	59		+ 1	0.1	— 1.8	144.7	115
	Comilla	000	0	0	00	00	xx	02	0	137	73	0	0	9	0	0	63	83	000	0	0	00	00	96	02	0	151	72	0	0	9	0	0	52	60	+ 5	+ 6	0.1	— 1.5	107.6	94
	Brahmanbaria	000	0	2	00	00	xx	03	0	138	72	0	0	9	0	4	64	82	000	0	0	00	00	97	00	0	154	72	0	0	9	0	0	64	61	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	1	00	00	xx	01	0	136	71	0	0	9	0	1	59	81	000	0	1	09	35	97	02	0	151	70	1	0	9	8	0	58	60	—	—	0	—	193.9	—
	Srimangal	000	0	1	00	00	xx	01	0	139	66	1	1	6	0	0	63	83	000	0	0	00	00	96	00	0	150	70	0	0	9	0	0	63	54	+ 2	+ 6	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	3	00	00	96	01	1	141	73	3	4	5	0	0	52	81	000	0	0	11	02	97	00	1	158	65	0	0	9	3	0	62	59	+ 5	+ 5	0	— 0.9	113.3	91
	Narayanganj	000	0	0	00	00	xx	05	4	137	73	0	0	9	0	0	61	82	000	9	1	11	02	96	01	4	152	70	1	0	9	3	0	62	60	+ 5	+ 3	0	— 1.1	103.9	74
	Dacca (Tejgaon)	000	0	1	25	02	97	02	0	134	70	1	0	9	3	0	59	80	000	3	3	34	32	97	01	0	148	69	3	0	9	3	0	63	55	—	—	0	—	103.6	—
	Faridpur	000	0	0	00	00	95	05	0	134	74	0	0	9	0	0	59	78	000	9	1	34	02	94	10	0	167	69	1	0	9	1	0	63	58	+ 3	+ 4	0	— 1.3	116.6	71
	Barisal	000	0	0	00	00	96	02	1	132	75	0	0	9	0	0	65	80	000	0	4	36	01	96	02	1	153	68	4	0	9	4	0	59	59	+ 3	+ 4	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	144	72	0	0	9	0	0	65	81	000	0	0	00	00	97	00	0	160	71	0	0	9	0	0	59	59	+ 4	+ 4	0	— 1.3	102.8	68
	Sakhira	000	0	0	00	00	98	00	0	143	72	0	0	9	0	0	60	81	000	0	0	00	00	98	00	0	163	58	0	0	9	0	0	59	57	+ 3	+ 5	0	— 1.9	82.1	65
	Jessore	000	0	0	00	02	97	00	0	134	72	0	0	9	0	0	62	80	000	0	0	27	02	97	00	0	158	66	0	0	9	0	0	63	55	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	36	02	96	00	1	120	68	0	0	9	0	0	63	81	000	0	0	00	00	98	00	0	156	69	0	0	9	0	0	63	59	+ 5	+ 6	0	— 0.9	107.7	64
	Bogra	000	0	1	00	00	xx	01	1	140	70	0	0	9	0	1	61	79	000	0	0	36	02	98	02	0	154	66	0	0	9	0	0	61	59	+ 3	+ 6	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	121	72	0	0	9	0	0	56	80	000	0	0	00	00	96	00	0	161	65	0	0	9	0	0	54	56	+ 4	+ 5	0	— 0.5	66.9	72
	Rangpur	000	0	1	00	00	96	01	0	xxx	70	1	0	9	1	0	58	77	000	0	1	07	02	96	01	2	xxx	65	1	0	9	1	0	59	56	+ 2	+ 5	0	— 0.5	92.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	5	3	17	10	95	07	1	107	69	3	5	7	8	0	46	75	000	0	0	00	00	95	06	0	237	43	0	0	9	0	0	29	38	+ 3	— 1	1.1	+ 0.8	27.1	19
	Sialkot	000	4	6	13	05	97	03	1	091	70	6	4	6	0	0	56	72	000	2	2	00	00	96	01	4	221	49	0	0	9	0	3	42	46	+ 4	+ 4	3.1	+ 2.6	61.8	32
Rawalpindi	Jhelum	001	2	7	13	12	95	20	5	069	67	4	7	5	2	0	47	69	009	9	0	27	03	95	10	9	218	35	0	0	9	0	0	40	43	—	—	5.1	—	55.3	—
	Rawalpindi	040	9	8	18	02	95	95	9	070	55	8	5	3	x	x	54	69	077	9	2	27	02	99	10	9	235	42	2	0	9	1	0	39	41	— 6	+ 4	4.4	+ 3.7	56.7	36
	Khushab	000	0	7	27	07	99	02	5	102	52	7	3	6	0	0	41	64	000	0	0	00	00	99	00	0	237	38	0	0	9	0	0	35	36	— 7	5	1.1	+ 0.8	23.5	15
Multan	Lyallpur	000	0	6	05	03	94	05	3	098	61	6	3	8	0	0	30	69	000	0	0	00	00	95	00	5	229	36	0	0	9	0	0	33	37	0	— 4	0.4	+ 0.2	18.6	12
	Montgomery	000	0	0	18	10	95	05	4	126	61	0	0	9	0	0	30	70	000	0	0	23	03	96	00	0	224	38	0	0	9	0	0	xx	37	— 1	— 5	—	—	—	10
	Multan	000	2	0	23	05	96	02	0	117	61	0	0	9	0	0	30	67	000	0	0	36	03	97	02	0	242	43	0	0	9	0	0	24	41	— 3	— 1	0.1	— 0	8.3	7
Bahawalpur	Lelah	000	2	2	20	29	94	09	3	097	60	2	8	8	0	0	16	61	000	0	0	20	20	98	01	6	267	40	0	0	9	0	0	25	35		—	2.5	—	7.0	8
	Khanpur	000	0	0	20	10	96	06	0	162	59	0	0	9	0	0	26	63	000	0	0	36	04	96	01	0	xxx	41	6	0	9	1	0	33	36	— 12	— 7	0	— 0.2	1.4	6
	Bahawalpur	000	6	0	20	03	97	00	3	143	60	0	0	9	0	0	30	66	000	0	0	00	00	98	00	0	233	41	0	0	9	0	0	21	39	— 7	— 4	0.1	— 0.1	6.6	6
	Fort Abbas	...																																							4
Peshawar	Chakdara	159	9	8	00	00	94	81	6	083	46	8	6	7	x	x	44	50	170	0	0	00	00	96	00	0	234	40	0	0	9	0	0	27	36	—	—	.	—	33.5	—
	Peshawar	062	9	8	23	08	95	95	9	084	48	6	9	5	2	x	45	51	069	9	1	23	05	97	02	9	260	41	1	5	6	0	1	35	39	— 15	— 1	—	+ 5.3	29.2	14
	Haripur	068	8	8	05	06	96	21	6	070	52	8	7	6	x	x	51	59	088	0	0	27	04	96	05	6	223	38	0	0	9	0	0	26	37	—	—	—	—	—	—
	Campbellpur	072	8	8	13	12	96	62	6	081	55	2	7	6	2	x	50	56	083	9	0	00	00	98	02	6	227	41	0	0	9	0	0	37	38	—	—	.3	—	41.2	—
D. I. Khan	Bannu	054	5	7	29	02	98	01	7	101	40	7	7	6	0	0	33	48	054	0	0	29	01	99	00	0	234	40	0	0	9	0	0	36	36	—	—	3.2	—	16.1	11
	D. I. Khan	000	6	3	31	02	98	03	1	099	51	3	0	9	3	0	35	52	000	0	0	31	02	98	00	0	245	45	0	0	9	0	0	38	38	— 19	— 2	1.8	+ 1.5	16.7	10
Quetta	Sibi	000	0	0	27	09	98	00	0	189	52	0	0	9	0	0	16	54	000	0	0	36	02	99	00	0	240	54	0	0	9	0	0	32	43	—	—	4.1	—	9.4	5
	Nokkundi	000	0	0	34	09	98	00	0	291	45	0	0	9	0	0	xx	45	000	0	0	34	02	98	00	0	258	23	0	0	9	0	0	14	50	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	03	98	00	0	239	63	0	0	9	0	0	28	63	000	0	0	05	08	95	10	9	266	50	0	0	9	0	0	19	xx	—	—	1.8	—	9.1	—
	Jiwani	000	0	0	31	09	97	02	0	236	60	0	0	9	0	0	23	61	000	0	1	05	03	97	03	0	254	45	0	0	9	0	1	21	43	—	—	1.7	—	3.4	4
	Pasni	000	0	0	05	03	97	00	0	217	65	0	0	9	0	0	37	67	000	0	0	29	07	98	00	0	240	45	0	0	9	2	0	30	44	— 10	— 11	0.4	— 0.5	13.5	6
	Ormara	000	0	0	27	02	98	00	0	202	65	0	0	9	0	0	33	66	000	0	0	13	07	98	00	0	229	50	0	0	9	0	0	29	43	—	—	5.9	+ 5.7	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	196	65	0	0	9	0	0	46	69	000	0	0	00	00	98	00	0	234	50	0	0	9	0	0	26	38	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	36	16	98	02	0	185	71	0	0	9	0	0	46	75	000	0	5	36	14	98	02	1	218	49	0	0	9	0	4	24	45	— 2	— 14	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	0	31	09	97	02	0	185	67	0	0	9	0	0	39	69	000	0	6	02	03	96	03	0	210	45	0	0	9	0	6	30	42	— 6	—	3.3	—	26.1	—
	Badin	000	0	0	36	02	97	00	0	182	68	0	0	9	0	0	39	74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	9
	Nagarparker	000	0	0	00	00	98	00	0	164	80	0	0	9	0	0	47	82	000	0	3	00	00	97	03	0	206	57	3	6	7	0	0	45	51	—	—	0	—	30.5	—
	Umarkot	000	0	0	36	07	98	00	0	165	69	0	0	9	0	0	34	70	000	0	7	00	00	98	00	0	213	42	0	0	9	0	0	21	36	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	03	97	02	0	183	66	0	0	9	0	0	32	70	000	0	5	00	00	95	10	2	220	41	2	0	9	2	1	35	41	— 8	— 10	0.5	+ 0.4	19.6	7
Khairpur & Sind	Padidan	000	0	0	02	03	97	02	0	188	61	0	0	9	0	0	23	63	000	0	1	36	02	96	01	0	230	38	0	0	9	0	1	33	32	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	36	03	97	02	0	184	64	0	0	9	0	0	23	66	000	0	6	00	00	97	03	2	232	39	0	0	9	0	0	32	34	—	—	0.3	—	7.5	—
	Sukkur	000	0	0	29	05	96	00	0	178	60	0	0	9	0	0	21	63	000	0	4	34	02	96	00	0	240	40	0	0	9	0	0	29	38	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	27	06	96	00	0	113	70	0	0	9	0	0	36	75	000	0	0	00	00	99	00	0	227	58	0	0	9	0	0	19	43	—	—	1.3	—	9.4	—
	Jacobabad	000	0	0	31	03	97	02	0	184	59	0	0	9	0	0	19	61	000	0	1	31	03	98	03	0	238	40	2	2	9	0	1	25	39	— 13	— 6	0.3	+ 0.1	4.7	4
Junagadh	Veraval	...																																							20
Afghanistan	Jalalabad	...																																							—
Arabia	Muscat	...																																							4
	Kuwait	...																																							—
	HILL STATIONS																																								26
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							24
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Miagar **	...																																							—
	Aliabad *	...																																							5
	Gilgit *	...																																							41.5
Rawalpindi	Murree *	...	042	6	9	11	31	90	61	0	412	36	9	x	0	x	x	36	36	077	9	7	16	09	97	02	9	521	25	7	3	2	0	0	16	20	— 12	— 14	6.8	+ 5.3	85.2	59
	Drosh *	...	153	8	8	00	00	xx	75	7	443	33	8	6	6	x	x	39	39	286	9	4	13	05	97	03	7	545	10	2	5	6	3	0	25	29	— 17	— 5	10.9	—	91.3	10
	Cherat *	...	125	7	8	36	17	93	97	9	xxx	36	8	5	6	x	x	36	39	135	9	0	36	18	99	00	0	527	31	0	0	9	0	0	28	30	— 14	— 12	7.4	+ 6.3	38.8	20
	Kakul	...	025	7	8	13	19	95	95	8	428	50	8	9	5	x	x	39	43	083	9	5	31	03	97	01	7	520	32	5	4	6	0	0	26	29	—	—	5.9	—	61.0	—
	Landi Kotal	...	049	8	8	05	03	96	63	6	413	41	8	7	4	x	x	40	45	126	2	9	00	00	92	44	4	531	33	9	x	9	0	x	32	32	—	—	5.7	—	34.5	—
D. I. Khan	Parachinar *	...	070	8	8	00	00	93	60	2	456	28	8	0	7	x	x	26	32	085	0	2	00	00	98	02	6	540	20	0	0	9	0	0	19	18	+ 22	— 12	8.0	—	36.1	—
	Miranshah *	...	000	0	8	05	05	98	03	7	396	35	8	3	6	x	x	27	42	000	0	0	00	00	99	00	0	617	33	0	0	9	0	0	29	30	—	—	1.5	+ 1.3	8.5	29
	Wana *	...	000	0	8	23	14	99	00	0	410	33	0	0	9	1	x	17	37	000	0	0	00	00	99	00	0	501	27	0	0	9	0	0	14	23	—	—	3.0	—	15.8	13
	Fort Sandeman *	...	000	0	2	25	07	97	01	0	461	33	2	1	6	0	0	23	35	000	0	0	00	00	98	00	0	445	31	0	0	9	0	0	18	27	— 24	— 4	5.3	+ 4.9	21.2	11
	Hindubagh *	...	000	0	2	27	24	96	37	3	474	17	0	0	9	0	0	14	19	000	2	0	31	02	98	00	0	529	19	0	0	9	0	0	16	18	—	—	7.3	—	20.2	—
Quetta	Loralai *	...	000	8	0	27	07	97	00	0	406	33	0	0	9	0	0	33	38	000	0	0	27	02	98	00	0	337	25	0	0	9	0	0	25	24	—	—	4.1	—	16.7	—
	Harnai *	...	000	0	0	27	04	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.8	19.1	14
	Quetta *	...	000	0	8	31	03	94	02	7	517	22	8	3	6	0	x	20	47	005	0	0	00	00	96	00	0	576	20	0	0	9	0	0	14	15	—	—	3.2	+ 2.3	13.3	8
	Chaman *	...	005	9	8	18	02	94	36	7	564	22	8	7	5	x	x	19	41	050	0	0	00	00	96	00	0	584	21	0	0	9	0	0	16	19	— 14	— 7	2.9	+ 1.6	9.0	7
	Kalat *	...	050	9	8	31	09	96	38	2	560	19	7	5	x	x	x	19	24	000	0	0	18	02	98	00	0	589	26	0	0	9	0	0	23	14	— 30	— 12	2.7	+ 2.0	14.6	7
	Nushki *	...	000	1	8	31	02	98	01	1	668	32	4	3	6	0	0	26	33	000	0	0	00	00	98	02	0	631	31	0	0	9	0	0	25	24	—	—	1.4	—	4.3	—
Afghanistan	Dalbandin *	...	000	0	4	31	03	97	01	0	559	42	1	1	7	0	0	26	43	000	9	0	07	03	96	02	0	573	29	0	0	9	0	0	24	26	— 20	— 9	1.2	+ 0.9	3.5	—
	Panjgur *	...	000	8	1	23	03	97	00	0	549	41	0	0	9	0	0	17	41	000	0	0	05	03	98	00	0	459	33	0	0	9	0	0	11	31	— 23	— 8	0.3	—	4.4	5
	Kabul *	...	000	0	0	36	07	98	00	0																															14
	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 rain fall 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

THURSDAY THE 17th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$ld_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kerishimamaru	43 200	646 00	5 36 15	98 02 0	162 75	35 5 91	75 40 0	...	0 52 63	1 00 21
Tunesmoor	43 265	565 00	0 04 18	99 00 0	251 59	C0 9 00	64 20 2	...	0 62 43	1 04 34
Dara	43 253	635 06	0 34 09	98 07 0	260 54	C0 9 00	75 23 5	...	0 62 xx	1 34 22
Kerishimamaru	43 216	621 12	0 03 25	98 02 0	192 72	C0 9 00	75 40 0	...	5 41 70	1 32 22
Moordrecht	43 257	571 12	0 00 00	96 02 0	202 63	C0 9 00	...	...	0 64 37	1 00 x0
Cheverny	43 229	596 12	0 35 25	98 02 0	240 66	C0 9 00	74 21 0	...	0 63 48	1 36 34
Dara	43 246	617 18	0 32 09	99 00 0	251 68	C0 9 00	55 11 0	...	0 60 54	1 33 22
Jaladhir	43 198	647 18	8 02 20	98 02 1	259 73	...	...	...	...	...
Santhia	48 248	653 18	0 36 09	99 02 0	226 70	00 9 00	25 40 0	...	0 59 48	1 36 33
Moordrecht	44 246	681 18	0 34 04	98 02 0	265 64	00 9 00	...	...	0 51 43	1 34 20
Eruci	43 254	573 18	0 00 00	99 02 0	249 64	00 9 00	35 20 1	...	0 64 53	1 00 x0
Radja	43 091	656 18	7 04 10	98 03 1	142 82	63 3 76	85 20 4	...	0 50 75	1 04 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 165 125	116 185 145	...	145 102 062	...	313 142 999	441 045 999	587 540 999	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	018 102 535	164 102 538	...	150 108 562	...	313 038 672	437 532 775	579 625 999	745 752 999	948 862	220 012	403 102	...
Lahore ...														
Multan ...														
Peshawar ...	23 00	979 065 065	...	...	149 028 012	...	305 595 612	422 675 692	556 752 999	717 818 999	917 890	188 942	378 968	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 145 115	...	...	...	...	...	...	...	...	900 145 115	...	...
Jiwani ...													
Karachi ...	00 00	900 132 545	800 112 598	...	...	...	...	...	...	...	800 112 598	...	...
Lahore ...													
Multan ...													
Peshawar ...	23 00	900 055 042	800 512 532	350 858 999	250 940 999	119 968 999	...	...	...	...	119 968 999	...	...
Quetta ...													

PPP Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						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	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	1	3	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 ...	03 02	03 01	27 01	13 02	25 09	...	...	...	...	04 09	04 09	04 10	06 16	04 09	32 19	28 01	05 01	06 05	36 06	32 13	28 18	28 23	26 30	26 35	...	...
Chakiala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	36 08	34 09	33 10	30 19	28 29	26 33	26 42	25 51	24 55	32 06	32 09	34 09	32 10	...	...	02 15	02 20	01 23	35 19	35 16	...	...	...	...	...	...
Chittagong ...	24 07	20 04	13 09	...	...	...	...	...	...	17 03	18 02	11 03	18 20	20 25	23 23	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	31 07	20 03	15 10	19 13	23 17	24 13	...	...	...	35 08	30 03	24 04	...	...	...	33 04	25 01	20 09	21 18	22 25	24 29	...	...	...	...	...
Dacca ...	27 03	31 03	31 02	23 12	23 13	25 13	26 15	25 13	25 23	04 03	05 03	10 03	20 08	24 10	29 13	35 04	36 01	09 02	22 02	28 08	29 12	30 19	27 19	26 21	25 26	24 45
Dalbandin ...	...	...	23 10	28 09	34 19	33 45	32 67	28 62	28 67	...	...	07 11	36 11	34 25	33 34	...	...	08 05	05 15	36 22	34 26	30 36	30 38	30 34	32 35	28 51
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	23 04	22 08	20 07	...	...	...	...	22 07	19 06	22 12	23 14	24 25	...	...
Fort Sandeman ...	...	...	...	28 16	27 19	...	...	...	...	...	...	...	17 01	32 13	35 36	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	33 08	30 05	29 09	30 25	33 45	29 86	...	...	...	33 06	20 09	32 19	32 25	33 34	...	36 10	36 10	33 15	34 18	32 22	30 27	...	...	...	...	...
Jessore ...	32 08	33 09	33 10	30 09	27 13	29 11	...	...	...	35 09	35 07	03 07	35 10	33 18	32 15	32 12	32 08	32 06	32 10	32 17	30 16	29 12	24 14	24 11	...	...
Jhelum ...	13 23	14 47	14 59	...	...	...	...	...	...	08 06	09 14	07 14	07 05	11 02	12 02	32 04	36 05	01 05	16 02	23 05	26 17	23 24	25 28	27 43	...	...
Jiwani ...	30 07	34 12	01 23	01 26	34 26	32 25	28 26	27 34	27 25	02 14	02 17	36 17	02 14	33 08	30 07	01 16	36 21	01 22	04 19	36 12	32 13	28 09	29 08	27 12	26 29	27 32
Karachi ...	32 04	04 06	32 16	31 16	28 25	27 27	26 39	24 40	24 64	34 28	34 12	01 14	02 20	32 12	32 16	07 06	09 13	09 16	05 12	02 10	34 16	...	...	...	...	...
Khanpur ...	25 20	25 18	27 15	...	...	...	...	...	...	20 11	33 11	35 13	32 19	30 20	28 21	03 16	04 15	02 21	01 11	32 21	...	...	...	...	...	...
Lahore ...	17 18	17 29	17 34	17 35	...	...	...	...	...	36 02	06 06	09 08	19 10	21 17	21 19	34 02	01 04	11 01	25 03	23 07	25 12	...	...	...	...	...
Multan ...	24 23	25 23	24 19	21 17	...	...	...	...	...	03 15	01 18	36 16	33 16	31 21	30 26	35 20	35 26	35 31	34 28	34 31	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	01 06	02 08	...	...	...	...	...	...	...	...	...	...	...	...	...	05 03	34 07	36 10	35 10	31 19	30 22	27 22	28 32	...	...
Quetta ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	32 08	32 27	31 55	31 53	31 47	31 59	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 01	15 01	13 03	19 05	23 18	25 18	...	...	...	08 17	07 04	11 04	13 10	20 10	23 17	10 08	07 04	07 07	20 06	22 19	27 27	28 26	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s. l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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 ...	05 07	05 03	10 04	18 06	22 10	24 19	33 20	30 44										
Karachi ...	34 15	34 12	35 15	01 17	34 14	32 14	27 25	27 26	27 36	26 43	25 70	74 04	73 01	73 00	...	...	...	...
Peshawar ...	Missa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

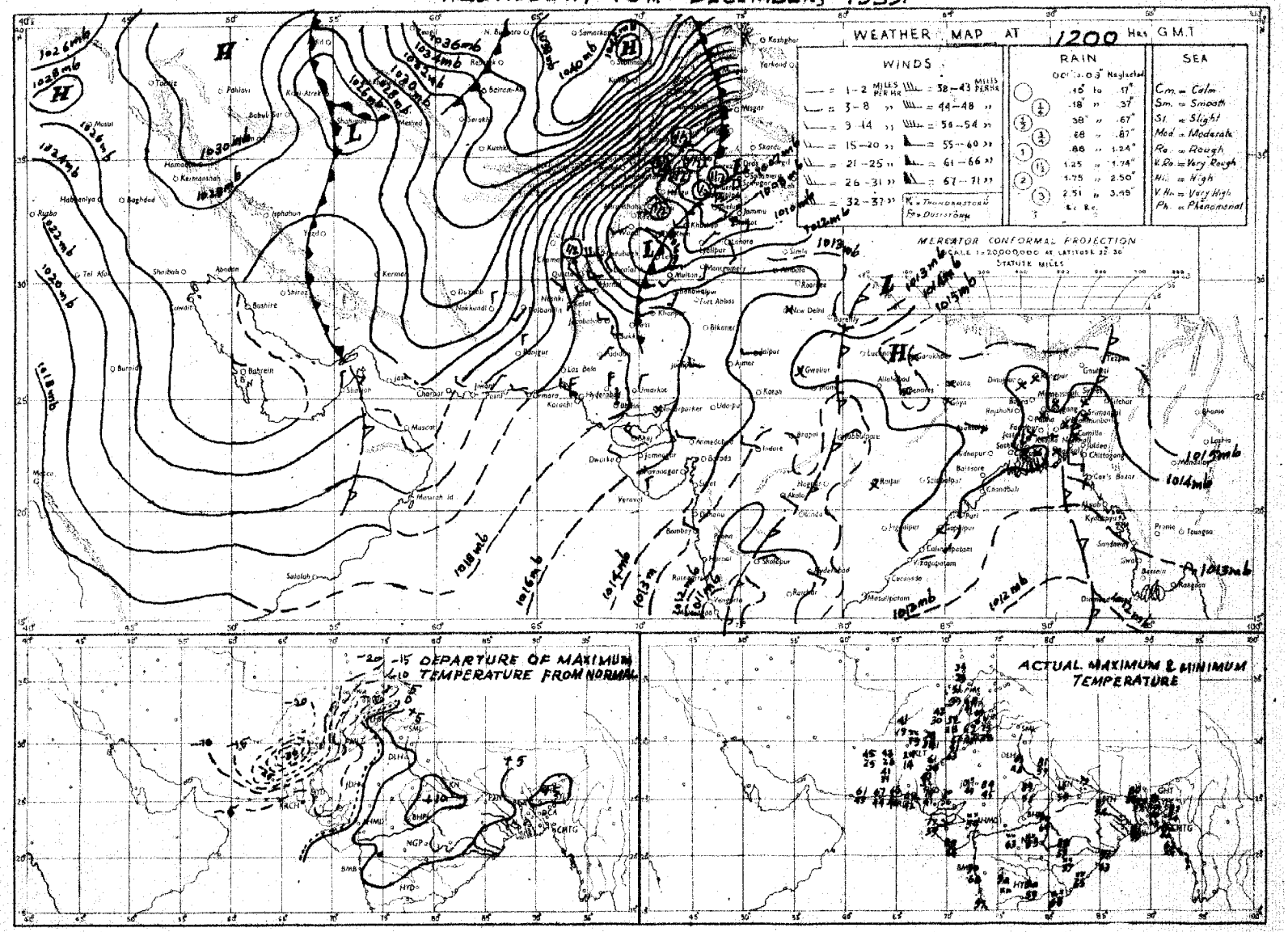
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_sV_s etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 16th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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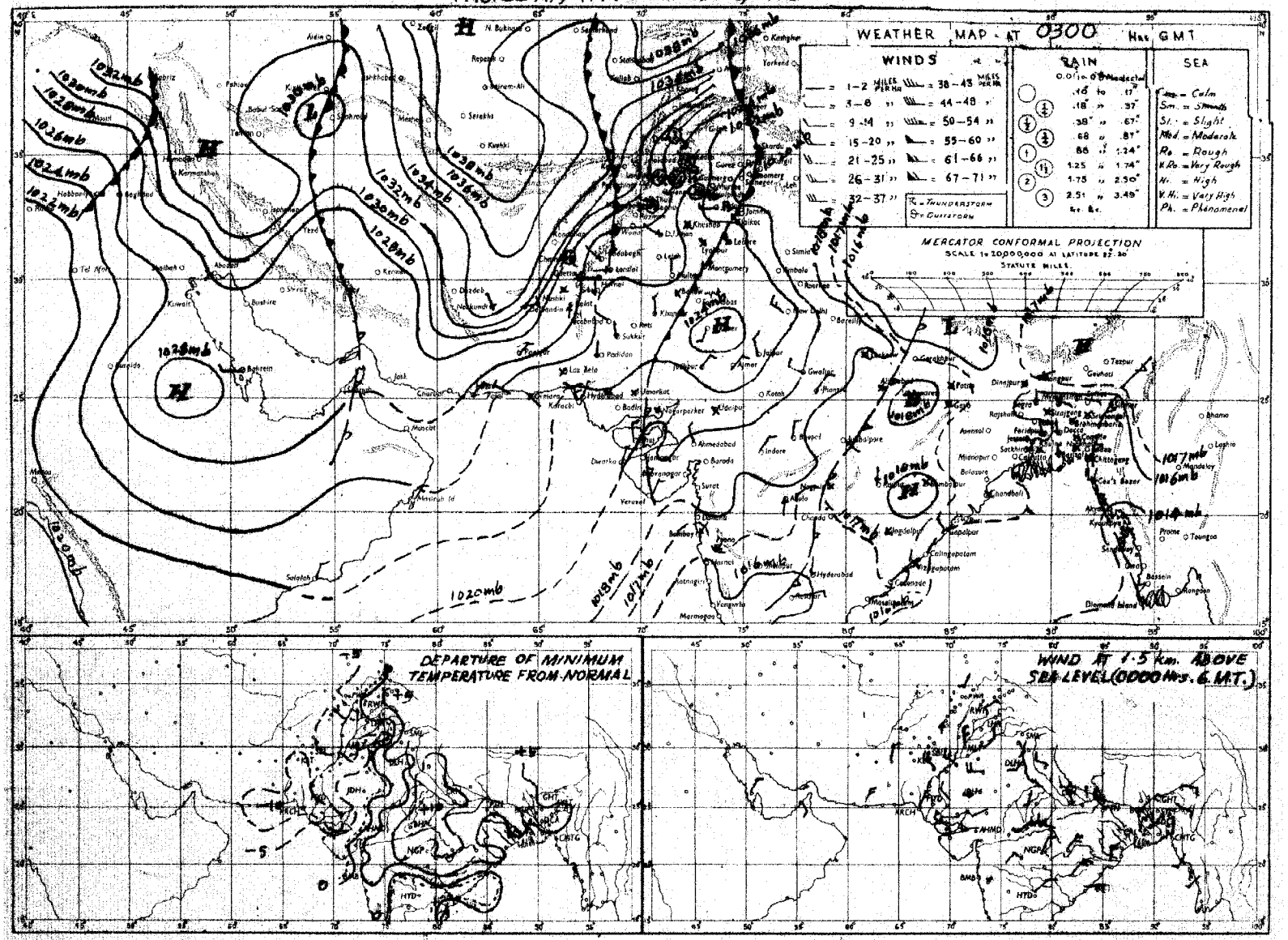
PAKISTAN DAILY WEATHER MAP

THURSDAY, 17th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 18th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's trough over Bahawalpur division and adjoining areas moved away northeastwards.
Dry continental air prevails over the country.
Weather remained dry over the country.
Night temperatures were 5—10°F below normal over West Pakistan and were 3—5°F above normal over East Pakistan.
Forecast valid until the evening of 19th December, 1959. Weather will be dry over the country.

Karachi-11
The 18th December, 1959.

K. U. SIDDIQI
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar ...	000	0	3	29	02	94	02	0	092	72	1	4	7	0	6	64	81
	Chittagong ...	000	0	1	27	09	96	01	1	120	70	1	0	9	1	0	63	80
	Maijdee Court ...	000	9	0	00	00	xx	10	0	122	70	0	0	9	0	0	63	80
	Comilla ...	000	0	0	00	00	xx	02	0	126	72	0	0	9	0	0	62	82
	Brahmanbaria ...	000	0	6	00	00	xx	03	1	120	72	2	5	5	4	0	64	81
	Sylhet ...	000	0	1	00	00	xx	03	0	111	70	1	0	9	3	0	61	81
	Srimangal ...	000	0	1	00	00	xx	01	0	121	73	1	1	7	0	0	64	83
Dacca	Mymensingh ...	000	0	0	00	00	96	00	0	120	73	0	0	9	0	0	58	81
	Narayanganj ...	000	9	2	00	00	xx	03	1	116	73	1	0	9	3	1	61	82
	Dacca (Tezgaon) ...	000	9	1	31	02	97	01	1	114	70	0	0	9	0	1	60	80
	Faridpur ...	000	8	3	00	00	95	01	0	118	74	1	4	8	1	0	61	78
	Barisal ...	000	0	0	00	00	96	00	0	121	75	0	0	9	0	0	65	78
Rajshahi	Khulna ...	000	0	0	00	00	xx	00	0	125	72	0	0	9	0	0	xx	82
	Satkhira ...	000	0	0	00	00	98	00	0	125	72	0	0	9	0	0	62	80
	Jessore ...	000	0	0	36	02	97	00	0	131	72	0	0	9	0	0	62	80
	Sirajganj ...	000	0	0	00	00	92	00	1	111	68	x	0	9	0	0	61	81
	Bogra ...	000	0	0	27	02	xx	00	1	116	70	0	0	9	0	0	61	80
	Dinajpur ...	000	0	0	00	00	xx	00	0	118	74	0	0	9	0	0	59	81
	Rangpur ...	000	0	0	00	00	96	00	0	xxx	69	0	0	9	0	0	59	77
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	31	02	95	05	0	208	56	0	0	9	0	0	32	59
	Sialkot ...	000	0	0	31	05	97	00	0	197	58	0	0	9	0	0	40	61
Rawalpindi	Jhelum ...	000	0	0	31	07	96	02	0	211	55	0	0	9	0	0	34	60
	Rawalpindi ...	000	0	0	27	02	99	00	0	216	50	0	0	9	0	0	38	55
	Khushab ...	000	0	0	09	03	99	00	0	231	39	0	0	9	0	0	37	60
Multan	Lyallpur ...	000	0	0	05	03	96	00	0	217	58	0	0	9	0	0	32	60
	Montgomery ...	000	0	0	31	03	96	00	0	212	58	0	0	9	0	0	35	59
	Multan ...	000	0	0	36	05	97	02	0	227	59	0	0	9	0	0	33	61
Bahawalpur	Leiah ...	000	0	0	00	00	57	05	0	227	59	0	0	9	0	0	22	60
	Khanpur ...	000	0	0	00	00	96	03	0	212	60	3	0	8	4	0	35	64
	Bahawalpur ...	000	0	3	36	05	97	02	n	227	60	0	0	9	0	1	34	61
	Fort Abbas ...	000	0	0	23	07	98	00	0	215	62	0	0	9	0	0	xx	70
Peshawar	Chakdara ...	000	0	0	00	00	96	00	0	174	53	0	0	9	0	0	38	54
	Peshawar ...	000	0	1	31	05	97	02	0	241	51	1	1	6	0	0	38	56
	Haripur ...	000	0	1	03	06	97	02	0	158	55	0	0	9	0	1	39	56
	Campbellpur ...	000	0	0	31	03	98	02	0	244	54	0	0	9	0	0	40	xx
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	220	56	0	0	9	0	0	39	58
	D. I. Khan ...	000	6	0	03	00	98	00	0	227	55	0	0	9	0	0	44	59
Quetta	Sibi ...	000	0	0	23	02	99	00	0	227	66	0	0	9	0	0	32	67
Kalat	Nokkundi ...	000	0	0	28	07	99	00	0	285	53	0	0	9	0	0	17	54
	Turbat ...	000	0	0	05	07	98	00	0	198	67	0	0	9	0	0	23	70
	Jiwani ...	000	0	1	36	05	97	02	0	215	68	0	0	9	0	1	23	68
	Pasni ...	000	0	6	25	05	98	02	0	203	71	6	0	9	8	0	49	73
	Ormara ...	000	0	6	27	02	98	02	1	194	70	6	0	9	2	0	42	70
	Las Bela ...	000	0	0	02	02	98	00	0	221	75	0	0	9	0	0	51	80
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	6	05	16	98	03	2	189	70	0	0	9	0	4	42	74
	Karachi (Air Port) ...	000	0	7	05	03	96	03	2	193	71	0	0	9	0	2	43	76
	Badin ...																	
	Nagarparker ...	000	0	4	31	02	99	02	1	178	78	4	0	9	2	0	46	81
	Umarkot ...	000	0	8	05	09	98	02	2	192	68	0	0	9	0	7	35	71
	Hyderabad ...	000	0	7	36	07	97	03	2	204	67	0	0	9	C	8	29	72
Khairpur	Pad-i-dan ...	000	0	4	05	07	96	03	0	219	65	0	0	9	0	4	25	69
	Nawabshah ...	000	0	7	36	05	97	03	2	212	65	1	0	9	1	6	32	69
	Sukkur ...	000	6	6	13	05	96	03	1	220	63	0	0	9	0	8	30	65
	Kashmore ...	000	0	0	00	00	99	00	0	219	61	0	0	9	0	0	58	64
	Jacobabad ...	000	0	1	13	03	98	02	0	225	64	0	0	9	0	1	32	67
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...	000	0	0	05	02	98	C0	1	523	31	0	0	9	0	0	23	42
Rawalpindi	Murree * ...	000	8	0	00	00	97	02	0	559	34	0	0	9	0	0	20	45
Peshawar	Drosh * ...	000	0	0	36	08	99	01	0	538	39	0	0	9	0	0	30	43
	Cherat * ...	000	8	1	29	03	99	00	1	531	43	1	1	6	0	0	33	48
	Kohat * ...	000	0	0	31	01	99	10	4	538	41	0	0	9	0	0	28	45
	Landi Kotal * ...	000	0	0	00	00	93	00	2	524	36	0	0	9	0	0	26	47
	Parachinar * ...	000	0	0	00	00	99	00	0	521	45	0	0	9	0	0	30	50
D. I. Khan	Miranshah * ...	000	0	0	20	03	99	00	0	524	44	0	0	9	0	0	17	44
	Wana * ...	000	0	0	00	00	98	00	0	558	47	0	0	9	0	0	19	50
	Fort Sandeman * ...	000	0	0	23	08	98	00	0	537	31	0	0	9	0	0	13	34
Quetta	Hindubagh * ...	000	0	0	13	02	99	00	0	336	51	0	0	9	0	0	47	53
	Loralai * ...	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai * ...	000	0	0	31	02	98	00	0	556	32	0	0	9	0	0	31	32
	Quetta * ...	000	0	0	27	02	96	00	0	575	32	0	0	9	0	0	30	35
	Chaman * ...	000	0	0	00	00	98	00	0	564	39	0	0	9	0	0	39	46
Kalat	Kalat * ...	000	0	0	31	06	98	00	0	645	40	0	0	9	0	0	31	42
	Nushki * ...	000	0	0	05	03	98	02	0	573	44	0	0	9	0	0	29	45
	Dalbandin * ...	000	0	0	36	07	98	00	0	559	48	0	0	9	0	0	16	48
	Panjgur * ...																	
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 November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	2	27	02	97	01	2	155	73	2	1	6	0	0	65	62	+ 2	+ 4	1.7	— 2.3	142.8	140
Chittagong	000	0	1	36	02	96	01	1	159	71	1	0	9	1	0	63	60	+ 2	+ 3	1.4	— 1.3	143.4	108
Maijdee Court	000	9	0	00	00	98	00	0	161	69	0	0	9	0	0	63	58	+ 2	0	0.1	— 1.7	144.7	115
Comilla	000	0	0	00	00	96	02	0	154	69	0	0	9	0	0	64	59	+ 4	+ 5	0.1	— 1.5	107.8	94
Brahmanbaria	300	0	0	00	30	97	00	0	163	69	0	0	9	0	0	63	60	—		0	— 1.3	85.2	76
Sylhet	000	0	3	09	32	97	01	0	155	67	1	4	6	3	0	50	58	—	—	0	—	193.9	—
Srimangal	000	0	3	00	00	36	02	0	156	66	3	1	7	0	0	61	55	+ 2	+ 7	0	— 1.6	109.4	98
Mymensingh	000	5	0	27	02	97	00	4	158	66	0	0	9	0	0	61	58	+ 5	+ 4	0	— 0.9	113.3	91
Narayanganj	000	9	0	00	00	95	10	4	158	69	0	0	9	0	0	63	60	+ 5	+ 3	0	— 1.1	103.9	74
Dacca (Tezgaon)	000	0	0	36	35	97	02	0	153	67	0	0	9	0	0	61	56	—	—	0	—	103.6	—
Faridpur	000	9	0	34	02	94	10	0	165	67	0	0	9	0	0	59	60	+ 3	+ 6	0	— 1.3	116.6	71
Barisal	000	9	0	36	01	97	02	4	162	68	0	0	9	0	0	61	60	+ 1	+ 5	0	— 1.8	140.5	81
Khulna	000	0	0	00	00	97	00	0	164	70	0	0	9	0	0	61	60	+ 5	+ 5	0	— 1.3	102.8	68
Satkhira	000	0	0	00	00	98	00	0	165	69	0	0	9	0	0	59	58	+ 2	+ 6	0	— 1.9	82.1	65
Jessore	000	0	0	31	05	97	00	0	162	66	0	0	9	0	0	61	56	—	—	0	— 1.1	105.8	65
Sirajganj	000	0	0	00	00	98	00	0	159	69	0	0	9	0	0	59	58	+ 5	+ 5	0	— 0.8	107.7	64
Bogra	000	0	0	36	02	96	02	0	158	68	0	0	9	0	0	58	58	+ 4	+ 5	0	— 0.8	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	155	63	0	0	9	0	0	56	53	+ 5	+ 3	0	— 0.5	66.9	72
Rangpur	000	0	0	‹5	02	96	02	0	xxx	61	0	0	9	0	0	57	xx	+ 2		0	— 0.5	92.4	84
Jammu																				—			—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	229	41	0	0	9	0	0	33	38	— 13	— 1	1.1	+ 0.8	27.1	19
Sialkot	030	0	0	05	02	98	00	0	216	45	0	0	9	0	0	38	37	— 7	— 5	3.1	+ 2.6	61.8	22
Jhelum	000	0	0	31	05	97	02	0	220	45	0	0	9	0	0	34	43	—	—	5.1	—	55.3	—
Rawalpindi	000	0	0	18	02	99	00	0	234	44	0	0	9	0	0	33	37	— 11	0	4.4	+ 3.7	56.7	36
Khushab	000	0	0	00	00	99	00	0	228	38	0	0	9	0	0	35	36	— 11	— 5	1.1	+ 0.8	23.5	15
Lyallpur	000	0	0	31	02	95	00	0	247	37	0	0	9	0	0	36	36	— 9	5	0.4	+ 0.2	18.6	12
Montgomery	000	0	0	31	03	96	00	0	231	38	0	0	9	0	0	33	36	— 12	— 6	—	—	—	10
Multan	000	0	0	36	02	97	02	0	250	38	0	0	9	0	0	30	36	— 9	— 6	0.1	— 1.0	8.3	7
Leiah	...	...	...						...		...	...		...	...	...	...	—	—				8
Khanpur	000	0	0	00	00	96	02	n	258	42	0	0	9	0	0	30	35	— 11	— 8	0	— 0.2	1.4	6
Bahawalpur	000	0	0	02	03	98	00	0	249	45	0	0	9	0	0	34	35	— 12	— 8	0.1	— 0.1	6.6	6
Fort Abbas	000	0	0	27	03	98	00	0	258	38	0	0	9	0	0	33	xx	—	—	—	—	—	4
Chakdara	000	0	0	00	00	98	00	0	261	35	0	0	9	0	0	30	35	—	—	5.1	—	33.5	—
Peshawar	000	0	0	18	02	97	02	0	261	38	0	0	6	0	0	32	32	— 10	— 8	5.9	+ 5.3	29.2	14
Haripur	000	0	0	23	04	97	00	0	244	38	0	0	9	0	0	27	37	—	—	—	—	—	—
Campbellpur	0:0	0	0	05	07	98	02	0	279	42	0	0	9	0	0	35	38	—	—	5.3	—	41.2	—
Bannu	000	0	0	00	00	99	00	0	223	36	0	0	9	0	0	33	35	—	—	3.2	—	16.7	11
D. I. Khan	000	0	0	00	00	98	00	0	243	42	0	0	9	0	0	36	39	— 12	— 1	1.8	+ 1.5	16.7	10
Sibi	000	0	0	00	00	99	00	0	254	41	0	0	9	0	0	36	39	—	—	4.1	—	9.4	5
Nokkundi	000	0	0	36	02	98	00	0	348	27	0	0	9	0	0	22	24	—	—	0.7	—	1.8	2
Turbat	000	0	0	09	02	97	00	0	222	53	0	0	9	0	0	27	xx	—	—	1.8	—	9.1	—
Jiwani	000	0	0	02	03	97	02	0	233	51	0	0	9	0	0	15	45	—	—	1.7	—	8.4	4
Pasni	000	0	0	31	05	98	00	0	226	53	0	0	9	0	0	38	46	— 4	— 9	0.4	— 0.5	13.5	6
Ormara	000	0	0	00	00	96	00	0	225	53	0	0	9	0	0	45	47	—	—	0.9	+ 5.7	9.9	6
Las Bela	000	0	0	xx	xx	98	00	0	231	55	0	0	9	0	0	35	40	—		0.4	—	7.3	8
Karachi (Manora)	000	0	4	09	12	96	01	1	234	46	0	0	9	0	1	19	43	— 3	— 12	1.6	+ 1.4	18.1	8
Karachi (Air Port)	000	0	3	36	03	96	01	1	234	47	0	0	9	0	2	35	45	—		3.3		26.1	—
Badin	000	0	0	23	03	96	00	0	218	47	0	0	9	0	0	40	44		— 7	—	—	—	9
Nagarparker	000	0	6	00	00	97	02	2	216	60	6	0	9	2	0	47	52	—	—	0	—	30.5	—
Umarkot	000	0	7	36	03	98	02	2	228	42	0	0	9	0	2	32	41	—	—	0.5	—	20.[illegible]	—
Hyderabad	000	0	3	36	05	97	01	1	242	46	0	0	9	0	1	33	45	— 6	— 6	0.5	+ 0.4	19.4	7
Pad-i-dan	000	0	1	00	00	96	01	0	254	37	0	0	9	0	1	35	34	—	—	0.3	—	7.9	—
Nawabshah	000	0	2	00	00	96	02	0	258	39	2	0	9	1	0	28	38	—	—	0.3	—	7.5	—
Sukkur	000	6	0	00	00	96	00	0	244	41	0	0	9	0	0	33	39	—	—	0.8	—	5.3	4
Kashmore	000	0	0	00	00	99	00	0	250	53	0	0	9	0	0	25	43	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	98	02	0	250	39	0	0	9	0	0	28	39	— 7	— 6	0.3	+ 0.1	4.7	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit	000	0	0	02	09	95	00	0	545	35	0	0	9	0	0	13	24	— 6	— 10	6.8	+ 5.3	85.2	5
Murree	000	0	0	13	05	97	02	0	594	23	0	0	9	0	0	22	22	— 6	— 12	10.9	—	41.5	59
Drosh	000	0	0	36	08	99	00	0	543	39	0	0	9	0	0	23	31	— 10	— 11	7.4	+ 6.2	38.8	18
Cherat	000	0	0	05	02	98	02	0	543	36	0	0	9	0	0	25	31	—	—	5.9	—	61.0	29
Kohat	000	0	0	00	00	99	00	0	542	36	0	0	9	0	0	23	32	—	—	5.7	—	34.5	—
Landi Kotal	000	0	0	36	03	99	00	0	533	27	0	0	9	0	0	19	22	— 7	— 9	8.0	—	36.1	—
Parachinar	000	0	0	00	00	99	00	0	614	39	0	0	9	0	0	22	31	—	—	1.5	+ 1.1	8.5	29
Miranshah	000	0	0	00	00	99	00	0	528	27	0	0	9	0	0	14	26	—	—	3.0	—	15.8	13
Wana	000	0	0	00	00	98	00	0	563	33	0	0	9	0	0	23	30	— 9	— 1	5.3	+ 4.9	21.2	—
Fort Sandeman	000	2	0	00	00	98	00	0	517	20	0	0	9	0	0	05	19	—	—	7.2	—	20.2	11
Hindubagh	000	0	0	27	02	98	00	0	312	30	0	0	9	0	0	27	25	—	—	4.1	—	16.7	—
Loralai	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.8	19.1	—
Harnai	000	0	0	00	00	96	00	0	576	20	0	0	9	0	0	14	14	—	—	3.2	+ 2.3	13.3	14
Quetta	000	0	0	09	01	96	00	0	541	32	0	0	9	0	0	25	20	— 20	— 16	2.8	+ 1.6	9.0	8
Chaman	000	0	0	00	00	98	00	0	585	33	0	0	9	0	0	31	26	— 8	0	2.7	+ 1.9	14.6	7
Kalat	000	0	0	00	00	98	02	0	623	30	0	0	9	0	0	27	26	—	—	1.4	—	4.3	9
Nushki	000	0	0	00	00	97	02	0	558	28	0	0	9	0	0	25	26	— 18	— 9	1.2	+ 0.9	3.5	—
Dalbandin	000	0	0	05	03	98	00	0	554	34	0	0	9	0	0	22	30	— 16	— 9	0.3	—	4.4	5
Panjgur																							14
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 rain, fall 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 18th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC h_sh_s$	O $T_sT_sT_dT_d$	$I d_wd_wP_w$ H
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Eraci	53 244	581 00	1 00 00	98 02 0	240 64	14 5 01	35 40 0	...	0 65 54	1 00 x0
Moordrecht	53 220	598 06	2 36 15	98 02 0	255 70	11 5 40	...	...	0 56 54	1 36 32
Minerve	53 193	582 06	3 03 16	98 02 0	237 75	31 6 00	15 21 3	...	0 52 64	1 04 51
Eraci	53 234	591 06	1 20 05	98 02 0	225 68	10 8 20	35 01 5	...	0 61 55	1 28 20
Eraci	53 223	599 12	1 36 17	98 02 0	203 75	C0 9 09	35 61 8	...	0 52 57	1 36 33
Moordrecht	53 194	583 18	1 05 12	98 02 0	208 72	11 5 00	...	...	0 54 57	1 05 42
Radja	53 102	591 18	7 07 17	98 02 2	149 81	35 4 2x	65 21 9	...	0 00 73	1 49 47
Eraci	53 211	594 18	0 04 15	98 02 0	207 72	00 9 00	45 40 0	...	0 56 60	1 04 33
British Splendour	53 210	594 18	0 03 25	99 02 0	213 71	00 9 00	14 10 6	...	0 54 55	1 03 35

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	012 175 125	108 195 168	...	146 115 072	...	312 130 999	439 028 999	584 568 999	757 470 999	954 825	237 025	...	...
Jiwani ...														
Karachi ...	00 00	019 105 532	178 108 552	...	149 122 658	...	316 062 999	440 520 999	581 622 999	749 718 999	953 872	226 002	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	981 045 032	...	...	150 048 535	...	309 538 635	429 628 725	567 708 999	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTT T_dT_dT_d$									$PPPTTT T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 142 112	859 112 078	...	...	...	...	...	...	...	859 112 078	...	...
Jiwani ...													
Karachi ...	00 00	900 125 605	...	...	...	...	...	...	...	...	900 125 605	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	925 082 018	900 072 005	800 022 568	...	...	...	...	...	...	800 022 568	...	...
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 ...	33 09	32 09	31 09	31 10	23 13	...	...	...	...	33 15	33 11	32 11	32 10	31 29	29 28	33 06	33 08	31 07	33 08	31 29	28 27	27 36	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	02 21	02 18	01 20	35 14	...	...	...	...	...	05 15	05 19	04 22	02 15	35 09	...	04 18	04 24	04 27	04 25	03 09	34 04	24 10	...	...	...	...
Chittagong ...	27 11	27 07	16 12	18 19	...	...	...		...	33 09	33 10	27 06	27 09	26 07	32 13	33 06	34 08	35 07	31 02	33 13	30 19	28 20	25 18	25 19	...	...
Cox's Bazar ...	30 10	30 06	14 07	21 15	...	...	...	...	...	34 02	34 02	33 05	33 08	33 08	33 11	33 08	35 09	35 07	34 15	34 14	31 17	28 11	26 08	...	...	...
Dacca ...	30 07	32 06	33 04	31 06	31 13	29 14	28 25	27 25	26 24	32 08	32 09	29 05	33 13	30 24	28 23	34 07	31 06	31 08	31 13	32 26	29 23	27 33	27 34	26 39	26 38	25 51
Dalbandin ...	...	...	08 07	02 11	01 20	34 19	29 29	31 34	30 38	...	...	07 11	04 13	01 12	34 01	...	...	08 04	06 13	03 13	01 12	28 18	26 24	25 25	25 25	27 33
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	36 01	04 02	17 02	26 03	02 03	...	...	...	14 02	10 03	13 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	07 02	32 10	33 28	31 58	31 68	30 87	...	...	...	22 03	32 10	31 23	...	...	...	23 04	29 08	31 23	30 37	28 42	28 43	27 49	27 56
Jacobabad ...	13 04	36 03	31 08	34 15	33 19	31 31	...	...	...	09 02	32 06	35 07	28 07	32 10	30 13	29 02	33 05	34 06	29 07	31 09	27 17	27 14	27 28	24 24	...	...
Jessore ...	32 10	32 11	33 11	32 12	34 32	33 24	...	...	...	34 09	33 08	33 11	33 21	33 30	32 36	32 13	33 14	33 13	33 15	32 26	...	...	...	...	...	...
Jhelum ...	31 11	32 12	32 12	24 05	11 03	28 19	28 25	...	...	31 14	34 15	34 13	09 03	10 02	02 06	32 10	35 11	35 09	34 06	31 09	29 06	26 28	29 42	28 47	28 55	23 53
Jiwani ...	36 13	03 13	03 16	05 10	02 14	36 10	26 07	30 08	27 13	04 14	08 09	10 08	03 03	08 05	24 04	07 11	16 05	08 08	07 12	20 05	20 03	22 09	26 15	27 18	25 12	24 52
Karachi ...	06 12	03 18	03 18	05 09	02 10	36 16	34 13	28 16	28 20	04 20	04 23	04 18	02 04	01 06	22 07	05 14	07 20	07 21	02 12	04 06	22 06	21 12	24 11	25 18	26 27	...
Khanpur ...	03 10	03 13	03 15	35 18	33 25	33 27	...	...	...	04 06	35 07	31 07	36 14	33 16	31 20	20 04	19 05	15 04	35 08	33 10	30 16	28 21	27 26	27 32	27 36	...
Lahore ...	33 12	34 17	34 19	34 10	35 10	35 18	...	...	...	33 15	33 18	33 15	34 11	32 17	30 15	22 11	32 21	33 16	31 14	33 17	29 13	30 26	29 41	28 30	...	...
Multan ...	01 13	01 15	01 17	34 24	33 23	31 25	31 44	29 45	...	35 07	03 05	33 02	36 11	33 12	32 14	36 04	36 03	34 02	30 07	30 11	29 19	28 33	28 39	28 42	27 37	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	31 09	32 10	33 10	34 12	33 19	32 25	32 33	31 49	...	06 04	32 09	31 24	32 19	33 17	...	34 01	33 06	35 13	34 24	34 17	33 35	30 39	...	...	...
Quetta ...	...	...	...	...	25 04	32 23	31 51	29 44	30 44	No	Ascent	...	...	...	...	...	...	...	...	35 04	33 17	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	24 03	29 03	29 04	24 05	22 12	27 19	...	...	...	35 04	22 07	21 09	20 10	27 12	28 27	24 04	23 05	28 02	25 05	27 11	28 33	27 46	...	...	...	...
[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 ...	32 06	32 07	33 09	32 10	33 22	30 31	28 24	28 28	28 33	25 69	25 49	25 78	25 73	...	...	...	...	...
Karachi ...	04 52	04 63	06 30	03 40	22 40	31 04	36 05	23 06	27 10	26 12	26 33	25 54	73 05	73 30	37 38	...	...	...
Peshawar ...	Misdn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

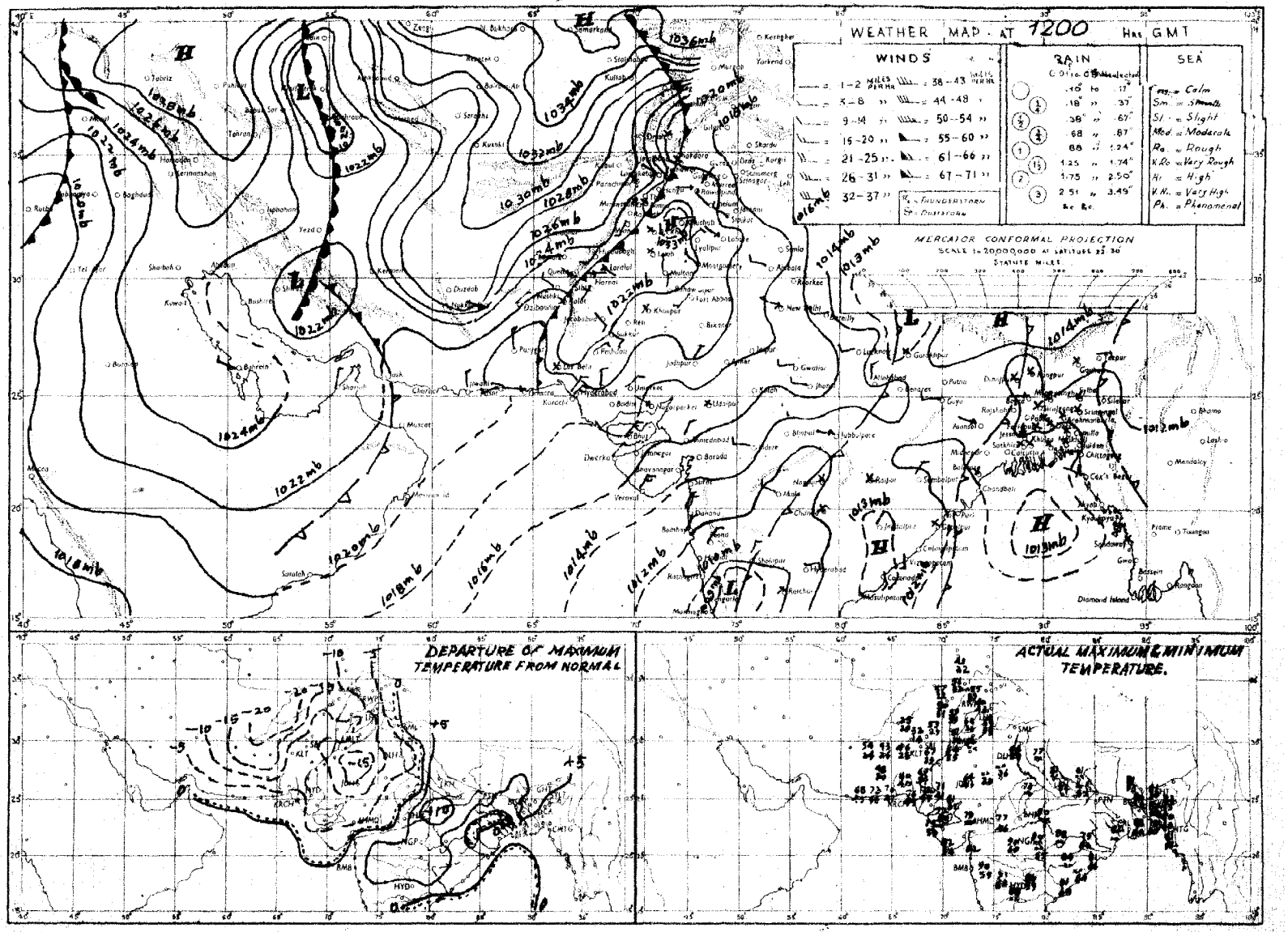
Cloud observation Data (GGiii Cdd V,V, etc.)

85 768 32 313

The accuracy of individual entries in this report can not be guaranteed, Corrections can be obtained, if necessary, on application to the Meteorologist Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

THURSDAY, 17th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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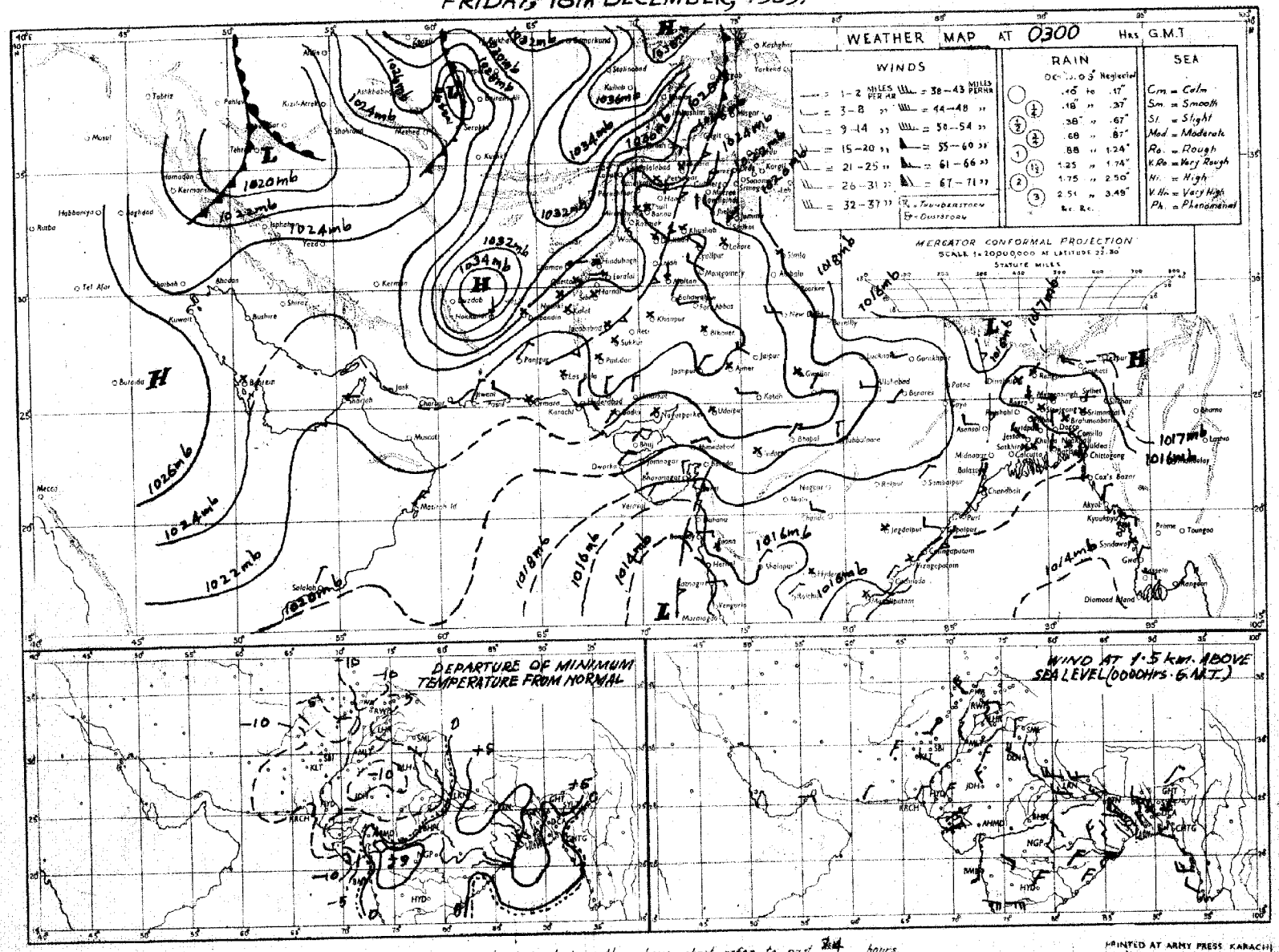
PAKISTAN DAILY WEATHER MAP

FRIDAY, 18th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 19th DECEMBER, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

A fresh western disturbance is moving across east Russian Turkistan with its trough extending to Afghanistan.

Weather remained dry over the country.

Night temperatures were 3—8°F below normal in West Pakistan outside Peshawar, Rawalpindi and D. I. Khan divisions.

Forecast valid until the evening of 20th December, 1959. Scattered rain/drizzle will fall in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 19th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar ...	000	0	2	34	03	94	01	0	114	72	0	0	9	0	6	64	78
	Chittagong ...	000	0	0	34	09	96	00	1	119	72	0	0	9	0	0	63	79
	Maijdee Court ...	000	9	9	31	02	xx	10	0	120	71	9	x	9	x	x	61	78
	Comilla ...	000	0	0	00	00	xx	02	0	118	71	0	0	9	0	0	63	81
	Brahmanbaria ...	000	0	0	00	00	xx	00	1	122	71	0	0	9	0	0	67	80
	Sylhet ...	000	0	0	00	00	xx	01	0	114	68	0	0	9	0	0	59	79
	Srimangal ...	000	0	1	00	00	xx	01	0	120	66	1	1	7	0	0	62	79
Dacca	Mymensingh ...	000	0	0	00	00	97	00	0	118	73	0	0	9	0	0	61	80
	Narayanganj ...	000	0	0	00	00	xx	05	4	119	71	0	0	9	0	0	59	80
	Dacca (Tezgaon) ...	000	0	0	31	05	96	02	0	117	73	0	0	9	0	0	58	79
	Faridpur ...	000	0	0	00	00	95	05	0	121	71	0	0	9	0	0	58	78
	Barisal ...	000	0	0	00	00	97	02	1	120	75	0	0	9	0	0	61	78
Rajshahi	Khulna ...	000	0	0	00	00	xx	00	0	124	71	0	0	9	0	0	63	82
	Satkhira ...	000	0	0	00	00	98	00	0	125	72	0	0	9	0	0	62	80
	Jessore ...	000	0	0	36	02	97	00	0	130	71	0	0	9	0	0	61	80
	Sirajganj ...	000	0	0	00	00	93	00	1	116	69	0	0	9	0	0	61	80
	Bogra ...	000	0	0	31	02	xx	00	1	119	69	0	0	9	0	0	59	79
	Dinajpur ...	000	0	0	00	00	xx	00	0	116	71	0	0	9	0	0	59	80
	Rangpur ...	000	0	1	00	00	96	01	0	xxx	71	1	0	9	1	0	60	79
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	1	31	02	96	03	0	187	60	0	0	9	0	1	35	64
	Sialkot ...	000	0	0	31	02	97	00	0	175	61	0	0	9	0	0	45	64
Rawalpindi	Jhelum ...	000	0	0	00	00	96	02	0	186	59	0	0	9	0	0	35	65
	Rawalpindi ...	000	0	0	20	02	99	00	0	195	53	0	0	9	0	0	39	60
	Khushab ...	000	0	0	00	00	99	00	0	203	68	0	0	9	0	0	39	71
Multan	Lyallpur ...	000	0	0	xx	xx	96	00	0	198	62	0	0	9	0	0	37	66
	Montgomery ...	000	0	0	23	03	76	00	0	202	63	0	0	9	0	0	41	66
	Multan ...	000	0	2	36	02	97	02	0	208	66	0	0	9	0	1	32	71
Bahawalpur	Leiah ...	000	0	0	00	00	98	04	0	212	66	0	0	9	0	0	32	66
	Khanpur ...	000	0	2	00	00	96	03	0	204	67	2	0	8	2	0	44	72
	Bahawalpur ...	000	0	1	34	02	98	00	0	210	xx	1	0	9	0	2	44	68
	Fort Abbas ...	000	0	1	34	03	98	00	0	212	61	0	0	9	0	0	41	69
Peshawar	Chakdara ...	000	0	0	27	02	96	00	0	194	56	0	0	9	0	0	37	57
	Peshawar ...	000	0	1	23	03	98	02	0	225	58	0	0	9	0	1	38	62
	Haripur ...	000	0	0	23	04	97	00	0	182	57	0	0	9	0	0	xx	61
	Campbellpur ...	000	0	0	31	03	98	02	0	227	57	0	0	9	0	0	34	xx
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	197	60	0	0	9	0	0	41	62
	D. I. Khan ...	000	0	0	03	00	98	00	0	219	64	0	0	9	0	0	47	68
Quetta	Sibi ...	000	0	0	31	02	99	00	0	208	69	0	0	9	0	0	32	70
Kalat	Nokkundi ...	000	0	0	13	07	99	00	0	285	57	0	0	9	0	0	16	58
	Turbat ...	000	0	0	09	02	98	00	0	210	76	0	0	9	0	0	40	76
	Jiwani ...	000	0	1	20	03	97	02	0	197	72	0	0	9	0	1	48	75
	Pasni ...	000	0	2	10	13	98	00	0	192	72	0	0	8	0	8	59	74
	Ormara ...	000	0	0	18	02	98	00	0	186	72	0	0	9	0	0	50	73
	Las Bela ...	000	0	0	00	00	98	00	0	196	79	0	0	9	0	0	34	82
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	6	09	12	98	03	2	198	69	0	0	9	0	6	46	74
	Karachi (Air Port) ...	000	0	5	10	07	96	03	0	188	70	0	0	9	0	0	45	79
	Badin ...	000	3	0	36	02	97	00	0	196	69	0	0	9	0	0	30	70
	Nagarparker ...	000	0	4	00	00	97	02	2	168	79	4	0	9	7	0	45	82
	Umarkot ...	000	0	7	05	07	98	00	0	177	73	0	0	9	0	0	46	74
	Hyderabad ...	000	0	7	36	05	97	03	1	195	66	0	0	9	0	6	35	70
Khairpur	Pad-i-dan ...	000	0	2	00	00	97	03	0	200	67	0	0	9	0	4	35	68
	Nawabshah ...	000	0	5	18	02	96	02	1	198	66	0	0	9	0	8	xx	68
	Sukkur ...	000	0	3	13	02	96	03	1	199	65	0	0	9	0	3	33	70
	Kashmore ...	000	0	0	xx	xx	99	00	0	187	70	0	0	9	0	0	39	64
	Jacobabad ...	000	0	0	36	02	98	02	0	207	66	0	0	9	0	0	30	68
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	07	13	98	00	0	530	39	0	0	9	0	0	18	41
Peshawar	Drosh * ...	000	0	1	09	03	97	01	0	591	32	0	0	9	0	1	19	42
	Cherat * ...	000	0	0	36	08	98	00	0	539	43	0	0	9	0	0	20	45
	Kakul * ...	000	6	1	31	05	99	01	0	534	47	0	0	9	0	1	30	56
	Landi Kotal * ...	000	0	0	20	03	99	10	0	532	45	0	0	9	0	0	27	49
D. I. Khan	Parachinar * ...	000	0	0	36	02	99	00	0	527	45	0	0	9	0	0	32	54
	Miranshah * ...	000	0	0	00	00	99	00	0	522	54	0	0	9	0	0	27	60
	Wana * ...	000	0	0	09	02	99	00	0	517	52	0	0	9	0	0	23	55
	Fort Sandeman * ...	000	0	0	00	00	98	00	0	542	55	0	0	9	0	0	23	58
Quetta	Hindubagh * ...	000	0	0	25	11	98	00	0	515	48	0	0	9	0	0	23	52
	Loralai * ...	000	0	0	09	03	99	00	0	334	55	0	0	9	0	0	51	58
	Harnai * ...	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	2	00	00	98	02	0	480	40	0	0	9	0	1	23	46
	Chaman * ...	000	0	0	31	02	96	00	0	554	43	0	0	9	0	0	36	45
Kalat	Kalat * ...	000	0	2	36	02	98	02	1	547	46	0	0	9	0	1	27	52
	Nushki * ...	000	0	2	31	05	98	03	0	606	47	2	0	9	0	2	33	48
	Dalbandin * ...	000	6	6	05	03	98	03	1	554	47	2	0	9	3	4	37	48
	Panjgur * ...	000	0	2	36	05	98	03	0	541	58	0	0	9	2	0	23	58
Afghanistan	Kabul * ...	000	0	2	36	02	99	03	0	576	29	2	1	7	0	0	24	35
	Kandhar * ...																	

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Departure from Normal of: Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar ...	000	0	1	02	03	97	00	0	143	71	1	1	6	0	0	63	62	— 1	+ 4	1.7	— 2.4	142.8	140
	Chittagong ...	000	0	0	36	05	96	00	0	150	70	0	0	9	0	0	62	59	+ 1	+ 2	1.4	— 0.7	143.4	108
	Maijdee Court ...	000	0	0	36	05	97	00	0	153	66	0	0	9	0	0	57	58	0	0	0.1	— 1.7	144.7	115
	Comilla ...	000	0	0	00	00	97	00	0	154	69	0	0	9	0	0	64	58	+ 3	+ 4	0.1	— 1.5	107.8	94
	Brahmanbaria ...	000	0	0	00	30	97	00	0	153	68	0	0	9	0	0	59	59	—	—	0	— 1.3	85.2	76
	Sylhet ...	000	0	0	09	35	95	01	0	148	67	1	1	6	0	0	61	57	—	—	0	—	193.9	—
	Srimangal ...	000	0	0	00	00	96	00	0	150	64	0	0	9	0	0	61	51	— 2	+ 3	0	— 1.6	109.4	98
Dacca	Mymensingh ...	000	0	0	27	02	97	00	0	155	63	0	0	9	0	0	58	58	+ 4	+ 4	0	— 0.9	113.3	91
	Narayanganj ...	000	0	0	31	03	95	05	4	152	65	0	0	9	0	0	55	58	+ 3	+ 1	0	— 1.1	103.9	74
	Dacca (Tezgaon) ...	000	0	0	31	35	96	02	0	147	63	0	0	9	0	0	54	54	—	—	0	—	103.6	—
	Faridpur ...	000	9	0	34	03	94	10	0	158	64	0	0	9	0	0	51	56	+ 3	+ 2	0	— 1.3	116.6	71
	Barisal ...	000	0	0	36	02	97	03	1	154	65	0	0	9	0	0	54	59	+ 5	+ 4	0	— 1.8	140.5	81
Rajshahi	Khulna ...	000	0	0	05	05	97	00	0	163	67	0	0	9	0	0	50	59	+ 5	+ 4	0	— 1.3	102.0	68
	Satkhira ...	000	0	0	00	00	98	00	0	166	64	0	0	9	0	0	44	56	+ 2	+ 4	0	— 1.9	82.1	65
	Jessore ...	000	0	0	31	05	97	00	0	159	62	0	0	9	0	0	49	53	—	—	0	— 1.1	105.8	65
	Sirajganj ...	000	0	0	31	03	98	00	0	152	62	0	0	9	0	0	51	55	+ 6	+ 2	0	— 0.8	107.7	64
	Bogra ...	000	0	0	3[illegible]	03	96	02	0	156	61	0	0	9	0	0	50	55	+ 3	+ 2	0	— 0.8	104.4	69
	Dinajpur ...	000	0	0	00	00	96	00	0	162	59	0	0	9	0	0	47	52	+ 5	+ 2	0	— 0.5	66.9	72
	Rangpur ...	000	0	0	27	02	96	01	0	xxx	59	0	0	9	0	0	55	55	+ 4	+ 4	0	— 0.5	92.4	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	2	31	02	96	02	0	189	44	0	0	9	0	0	33	37	— 7	— 2	1.1	+ 0.8	27.1	19
	Sialkot ...	000	0	0	00	00	97	00	0	171	47	0	0	9	0	0	40	39	+ 6	— 3	3.1	+ 2.6	61.8	22
Rawalpindi	Jhelum ...	000	0	1	31	03	97	02	0	186	46	0	0	9	0	1	30	41	—	—	5.1	—	55.3	—
	Rawalpindi ...	000	0	0	27	02	98	00	0	209	38	0	0	9	0	0	36	36	— 6	— 1	4.4	+ 3.6	56.7	36
	Khushab ...	000	0	0	00	00	99	00	0	201	43	0	0	9	0	0	36	37	0	— 4	1.1	+ 0.8	23.5	15
Multan	Lyallpur ...	000	0	0	23	02	96	00	0	195	37	0	0	9	0	0	35	37	— 3	— 4	0.4	+ 0.1	18.6	12
	Montgomery ...	000	0	0	00	00	96	00	0	192	43	0	0	9	0	0	31	37	— 5	— 5	0.1	— 0.1	8.5	10
	Multan ...	000	0	1	00	00	95	04	0	207	44	0	0	9	0	1	34	38	+ 1	— 4	0.1	— 0.1	8.3	7
Bahawalpur	Leiah ...	000	0	0	00	00	98	04	0	277	34	0	0	9	0	0	23	32	—	—				8
	Khanpur ...	000	0	0	00	00	96	00	0	204	42	0	0	9	0	0	33	37	— 3	— 6	0	— 0.2	1.4	6
	Bahawalpur ...	000	0	0	00	0[illegible]	97	00	0	209	48	0	0	9	0	0	37	36	— 5	— 7	0.1	— 0.1	6.6	6
	Fort Abbas ...	000	0	0	25	02	98	00	0	204	42	0	0	9	0	0	30	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara ...	000	0	0	00	00	97	00	0	203	xx	0	0	9	0	0	30	36	—	—	5.1	—	33.5	—
	Peshawar ...	000	0	5	23	03	98	01	1	221	40	0	0	9	0	1	33	38	— 4	— 2	5.9	+ 5.3	29.2	14
	Haripur ...	000	0	3	24	03	96	03	1	195	39	3	0	9	7	0	25	38	—	—	4.5	—	35.7	—
	Campbellpur ...	0:0	0	0	09	04	98	00	0	229	41	0	0	9	0	0	33	38	—	—	5.3	—	41.2	—
D. I. Khan	Bannu ...	000	2	6	00	00	99	02	0	192	40	0	0	9	0	3	38	35	—	—	3.2	—	16.1	11
	D. I. Khan ...	000	2	3	31	02	98	01	4	198	44	0	0	9	0	3	37	39	— 3	— 1	1.8	+ 1.5	16.7	10
Quetta	Sibi ...	000	2	4	00	00	98	03	1	220	41	0	0	9	0	2	36	39	—	—	4.1	—	9.4	5
Kalat	Nokkundi ...	000	0	0	36	02	98	02	2	286	32	0	0	9	0	0	21	xx	—	—	0.7	—	1.8	2
	Turbat ...	000	0	0	09	06	97	00	0	218	53	0	0	9	0	0	18	xx	—	—	1.8	—	9.1	—
	Jiwani ...	000	0	1	36	03	97	01	0	204	55	1	0	9	4	0	26	51	—	—	1.7	—	8.4	4
	Pasni ...	000	0	4	29	02	98	03	0	198	50	4	0	9	7	0	45	48	— 3	— 7	0.4	— 0.5	13.5	6
	Ormara ...	000	0	2	00	00	98	01	0	192	52	2	2	8	0	0	46	47	—	—	5.9	+ 5.7	7.7	6
	Las Bela ...	000	0	0	00	00	98	00	0	223	54	0	0	9	0	0	38	41	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	0	00	00	95	05	0	201	50	0	0	9	0	0	29	47	— 3	— 12	1.6	+ 1.4	18.1	8
	Karachi (Air Port) ...	000	0	1	05	02	97	01	2	205	49	0	0	9	0	1	35	41	—	—	3.3	—	26.2	—
	Badin ...	000	0	0	23	02	96	00	0	202	45	0	0	9	0	0	39	42	— 10	— 9	0.3	— 0.1	11.5	9
	Nagarparker ...	000	0	2	34	02	98	01	0	170	59	2	0	9	7	0	47	51	—	—	0	—	30.5	—
	Umarkot ...	000	0	2	36	03	98	03	0	191	53	0	0	9	0	2	31	41	—	—	0.5	—	20.8	—
	Hyderabad ...	000	0	1	36	05	97	01	1	204	47	0	0	9	0	1	35	47	— 8	— 4	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan ...	000	0	1	00	00	96	01	0	214	39	1	0	9	1	0	35	36	—	—	0.3	—	7.9	—
	Nawabshah ...	000	0	1	00	00	96	02	0	212	41	0	0	9	0	6	33	39	—	—	0.3	—	7.5	—
	Sukkur ...	000	2	0	00	00	94	0[illegible]	4	205	45	0	0	9	0	0	40	40	—	—	0.8	—	5.3	4
	Kashmore ...	000	0	0	00	00	99	00	0	211	51	0	0	9	0	0	25	31	—	—	1.3	—	3.4	—
	Jacobabad ...	000	0	1	00	00	98	03	0	211	43	0	0	9	0	1	32	41	— 6	— 4	0.3	+ 0.1	4.7	4
Junagadh	Veraval ...																							20
Afghanistan	Jalalabad ...																							—
Arabia	Muscat ...																							4
	Kuwait ...																							—
	HILL STATIONS																							
Kashmir	Srinagar * ...																							
	Gulmarg ** ...																							26
	Sonamarg ** ...																							—
	Dras ** ...																							71
	Leh ** ...																							26
	Skardu * ...																							5
	Misgar ** ...																							4
	Aliabad * ...																							—
	Gilgit * ...																							—
Rawalpindi	Murree * ...	000	2	3	09	02	98	01	1	527	41	0	0	9	0	4	21	33	— 7	— 1	6.8	+ 5.2	85.2	5
Peshawar	Drosh * ...	000	1	5	00	00	97	03	2	594	24	0	0	9	0	3	23	27	— 9	— 7	10.9	—	41.5	59
	Cherat * ...	000	0	0	36	10	98	00	0	532	44	0	0	9	0	0	20	38	— 8	— 2	7.4	+ 6.2	38.8	18
	Kakul * ...	000	3	6	34	05	95	04	1	519	40	0	0	9	0	1	23	35	—	—	5.9	—	61.8	29
	Landi Kotal * ...	000	0	4	00	00	99	03	0	517	30	0	0	9	0	9	24	35	—	—	5.7	—	34.5	—
D. I. Khan	Parachinar * ...	000	0	6	05	03	97	13	0	527	33	6	0	9	1	0	28	27	—	—	8.0	—	36.1	—
	Miranshah * ...	000	0	0	00	00	99	00	0	501	35	0	0	9	0	0	33	32	—	—	1.5	+ 1.0	8.5	29
	Wana * ...	000	0	1	00	00	99	03	0	542	36	1	0	9	2	0	23	27	—	—	3.0	—	15.8	13
	Fort Sandeman * ...	000	0	4	00	00	98	03	0	536	36	4	0	9	3	0	26	32	+ 1	+ 1	5.3	+ 4.9	21.2	—
Quetta	Hindubagh * ...	000	0	0	25	03	98	00	0	532	28	0	0	9	0	0	17	27	—	—	7.2	—	20.2	11
	Loralai * ...	000	0	4	23	03	96	01	1	335	33	0	0	9	0	1	29	30	—	—	4.1	—	16.7	—
	Harnai * ...	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.7	19.1	—
	Quetta * ...	000	9	3	00	00	95	02	1	554	34	0	0	9	0	1	23	26	—	—	3.2	+ 2.3	13.3	14
	Chaman * ...	000	0	0	00	00	96	00	0	558	37	0	0	9	0	0	27	29	— 10	— 7	2.8	+ 1.6	9.0	8
Kalat	Kalat * ...	000	0	3	18	02	97	03	1	565	33	0	0	9	0	0	28	30	— 2	+ 4	2.7	+ 1.9	14.6	7
	Nushki * ...	000	0	4	09	02	98	03	1	606	40	4	0	9	2	0	33	33	—	—	1.4	—	4.3	9
	Dalbandin * ...	000	9	3	36	02	97	03	1	524	32	0	0	9	0	1	29	31	— 15	— 4	1.2	+ 0.8	3.5	—
	Panjgur * ...	000	0	2	05	02	98	03	1	530	36	2	0	9	4	0	21	31	— 6	— 8	0.3	—	4.4	5
Afghanistan	Kabul * ...	000	0	4	36	03	97	03	2	611	19	4	2	7	0	0	15	14	—	—	—	—	—	14
	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 rain, fall 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 19th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch, h_s	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erati	63 200	588 00	3 04 13	98 02 0	193 70	31 6 00	55 70 5	...	0 58 60	1 04 33
Tambamaru	63 174	604 00	7 31 18	98 03 1	132 79	35 4 70	76 70 3	...	0 51 66	1 05 xx
Eusedael	63 156	534 00	3 05 13	98 01 1	188 73	31 7 00	15 70 7	...	0 52 56	...
Arisilemaru	63 173	662 00	7 02 14	98 02 2	150 75	35 7 40	65 21 5	...	0 52 66	1 05 22
Moordrecht	63 182	573 00	1 05 13	98 02 0	198 72	11 5 00	...	...	0 64 57	1 04 43
Santhia	63 226	689 06	3 04 24	98 01 1	195 73	00 9 01	35 81 0	...	0 56 52	...
Tambamaru	63 183	670 06	6 03 03	96 02 2	165 77	60 6 30	76 21 3	...	0 52 64	1 33 21
British Splendour	63 230	595 06	2 33 08	99 02 0	233 73	00 9 02	74 13 0	...	0 53 54	1 04 32
Erati	63 189	579 06	6 04 13	98 03 1	210 73	64 3 00	45 20 8	...	0 54 63	1 00 x0
Maasrye	63 236	590 06	0 27 03	98 02 0	238 72	00 9 00	95 21 4	...	0 56 63	...
Tambamaru	63 192	656 12	6 04 24	98 02 2	138 75	15 5 06	76 60 8	...	0 55 64	...
Arisilemaru	63 164	620 18	6 02 15	97 02 2	164 75	48 5 33	65 23 0	...	0 00 64	

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT_dT_d	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	Misds	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	016 078 522	149 112 515	...	150 128 612	...	313 048 999	437 528 999	578 638 999	744 760 999	947 875	217 025	400 102	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	977 085 005	...	...	150 075 525	...	311 002 595	433 575 678	573 652 672	737 766 999	938 918	201 075	738 175	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	Misds	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	985 152 002	900 138 562	800 108 605	...	...	...	...	...	...	800 108 605	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 092 015	800 062 542	350 038 999	250 005 999	...	...	...	...	...	250 005 999	...	...
Quetta ...													

PPP Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. msl →	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 ...	30 08	30 10	31 07	31 12	30 31	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	04 08	05 10	05 11	02 07	33 05	28 08	25 07	22 10	26 13
Chittagong ...	38 12	35 13	35 14	33 08	35 10	...	...	...	...
Cox's Bazar ...	34 14	34 13	02 09	35 11	35 11	33 18	32 17	...	...
Dacca ...	32 10	32 12	32 11	32 18	30 27	29 31	26 37	...	...
Dalbandin ...	...	...	09 05	05 12	04 12	36 07	26 08	27 19	25 19
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 07	36 18	...	...	...
Fort Sandeman ...	...	...	...	01 02	34 11	36 11	34 19	30 25	28 35
Jacobabad ...	28 02	27 03	05 03	34 06	33 07	27 16	26 15	27 13	26 27
Jessore ...	34 12	34 13	33 14	33 20	31 27	29 19	...	...	...
Jhelum ...	30 08	33 07	35 05	01 05	34 05	30 11	31 12	29 26	29 28
Jiwani ...	20 02	33 02	01 03	06 08	30 01	18 03	23 06	24 12	35 13
Karachi ...	06 05	04 13	05 21	35 06	02 05	25 07	22 08	33 08	36 15
Khanpur ...	19 01	16 03	12 03	33 05	31 10	31 13	29 13	28 22	28 19
Lahore ...	32 11	33 15	34 15	33 17	30 16	29 17	29 22	29 21	28 40
Multan ...	38 03	36 03	01 07	36 07	29 04	29 15	30 20	28 31	28 40
Miani ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	27 06	32 12	34 06	32 21	32 18	32 24	32 29	29 38
Quetta ...	...	...	...	...	32 05	36 11	31 19	29 20	25 27
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 09	26 06	23 03	32 01	30 11	28 35	...	...	...
Vaseral ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. msl →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	34 19	35 08	10 02	32 11	30 27	29 34
Chaklala ...	...	...	...	...	...	...
Chhor ...	05 16	06 10	07 09	05 04	16 03	...
Chittagong ...	36 12	35 10	35 06	33 13	31 19	29 20
Cox's Bazar ...	01 20	36 20	36 10	35 11	33 22	30 17
Dacca ...	34 11	33 36	28 06	30 19	29 25	28 26
Dalbandin ...	...	...	07 07	05 09	05 11	03 08
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	09 02	06 04	05 10
Fort Sandeman ...	...	...	...	24 02	34 06	29 10
Jacobabad ...	26 03	29 04	35 03	02 05	04 04	29 07
Jessore ...	34 19	34 07	32 08	31 20	30 21	...
Jhelum ...	31 14	33 15	34 13	36 06	05 05	32 04
Jiwani ...	34 07	02 05	05 06	01 04	09 02	26 07
Karachi ...	05 16	04 09	04 06	36 04	25 02	20 11
Khanpur ...	28 02	24 04	21 10	33 03	35 04	29 09
Lahore ...	33 13	33 15	33 11	36 11	32 15	31 17
Multan ...	28 09	26 11	26 05	04 05	01 09	31 10
Miani ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	07 03	08 03	10 05	07 10	30 20	28 35
Vaseral ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. msl →	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 ...	31 06	30 04	11 02	36 03	30 29	38 31	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	06 11	07 11	06 08	03 05	29 06	34 10	23 17	24 36	25 29	25 33	...
Chittagong ...	35 07	34 06	35 07	33 05	33 17	30 23	29 26	...	...	...	...
Cox's Bazar ...	36 10	36 10	29 04	36 12	31 14	31 17	28 15	29 20	26 21	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	08 05	06 15	05 11	06 09	27 15	26 22	26 25	25 32	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	22 05	30 07	33 09	26 15	26 23	25 31	24 43	...
Jacobabad ...	29 05	31 03	27 02	33 01	29 04	26 14	25 21	25 29	23 33	...	...
Jessore ...	32 08	31 08	31 10	31 18	32 24	31 26	29 25	...	...	...	...
Jhelum ...	31 10	33 10	32 10	32 06	27 06	29 12	25 20	26 23	25 29	25 39	25 65
Jiwani ...	02 05	32 03	01 03	32 02	34 05	29 06	28 18	26 21	27 23	...	...
Karachi ...	05 15	07 09	07 09	09 07	36 02	20 11	24 21	24 32	25 32	25 37	24 48
Khanpur ...	24 07	23 11	22 07	19 04	02 04	29 06	27 21	26 27	25 31	24 45	24 48
Lahore ...	33 09	32 11	30 11	31 08	31 14	28 10	26 15	27 22	26 31	27 38	25 51
Multan ...	23 09	23 09	23 07	30 03	26 06	26 13	25 20	25 29	24 29	...	...
Miani ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	28 03	35 15	29 07	32 23	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 03	12 02	09 04	03 03	29 07	...	...	...	...	...	...
Vaseral ...	...	...	...	...	...	...	...	...	...	...	...

† 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. m.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 ...	04 10	04 09	06 08	06 06	29 02	21 09	26 09	25 18	24 24	24 25	24 30	24 53	23 76	...	...	...	...	...
Peshawar ...	Misds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

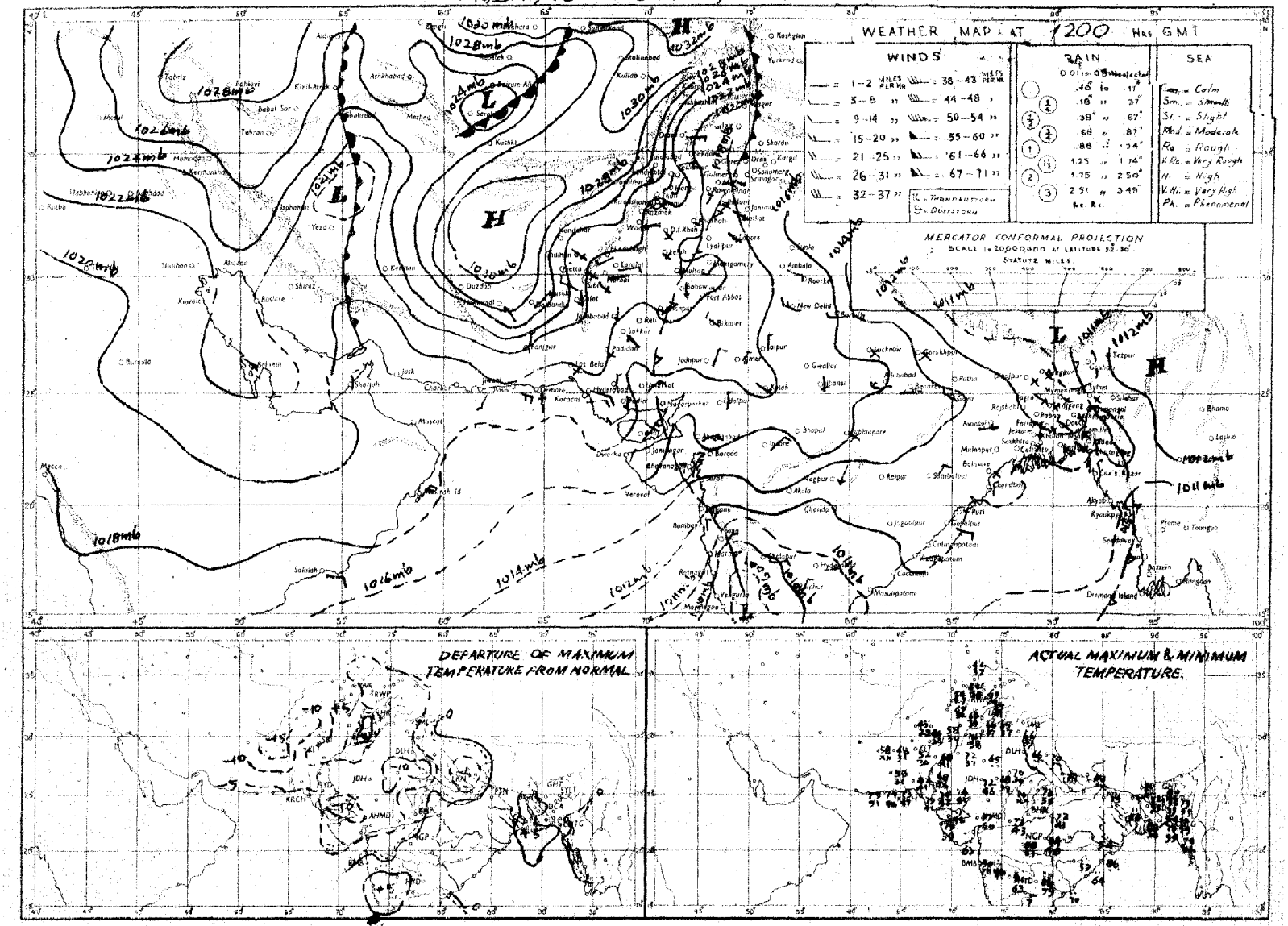
Cloud observation Data (GGiii Cdd V,V, etc.)

05 715 02 516
05 712 02 635

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 18th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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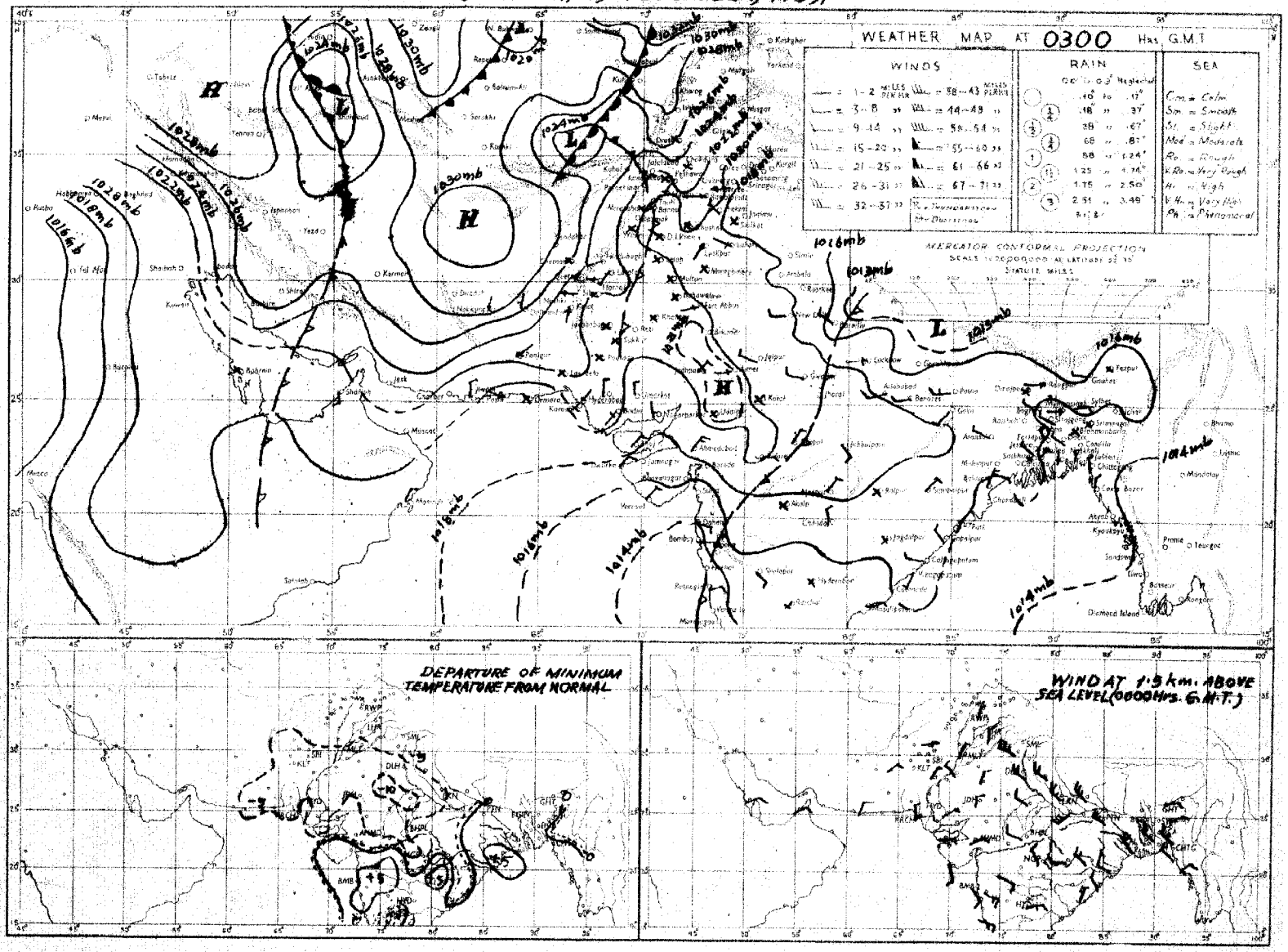
PAKISTAN DAILY WEATHER MAP

SATURDAY, 19th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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SUNDAY THE 20th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over east Russian Turkistan has moved away eastwards. Its trough is now moving across D. I. Khan division and is less marked.

Weather remained dry in the country.

Night temperatures were 4—6°F below normal in south Kalat, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 21st December, 1959. Weather will continue to be dry in the country.

Karachi-11
The 20th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (hbs. 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 (hbs. 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 (TaTn)	Departure from Normal of: Maximum Temperature (TxT x)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 (to date)	Annual normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	34	03	94	01	0	116	72	0	0	9	0	6	65	79	000	0	1	02	02	97	03	0	146	69	1	1	6	0	0	59	61	0	+ 3	1.7	— 2.4	142.9	140
	Chittagong	000	0	0	34	09	96	00	0	120	70	0	0	9	0	0	57	79	000	0	0	02	09	96	00	0	157	68	0	0	9	0	0	xx	56	+ 1	+ 1	1.4	— 1.4	143.4	188
	Maijdee Court	000	9	0	36	02	xx	10	0	124	68	9	x	9	x	x	59	78	000	9	9	05	05	97	00	0	159	64	0	0	9	0	0	56	57	— 0	+ 1	0.1	— 1.7	144.7	115
	Comilla	000	0	0	00	00	94	00	0	099	70	0	0	9	0	0	56	79	000	0	0	00	00	96	02	0	151	64	0	0	9	0	0	57	56	+ 1	+ 2	0.1	— 1.5	107.8	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	122	69	0	0	9	0	0	61	80	000	0	0	00	30	97	00	0	165	65	0	0	9	0	0	58	56	—	—	0	— 1.4	85.2	76
	Sylhet	000	0	0	00	00	xx	01	0	116	68	0	0	9	0	0	61	79	000	0	0	09	02	96	01	0	152	67	0	0	9	0	0	59	57	—	—	0	—	193.9	—
	Srimangal	000	0	3	00	00	xx	03	1	115	75	3	1	6	0	0	60	79	000	0	0	00	00	96	00	0	156	63	0	0	9	0	0	59	50	— 2	+ 2	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	3	00	00	97	01	1	122	70	3	4	5	0	0	60	78	000	0	0	27	02	97	00	0	162	62	0	0	9	0	0	57	56	+ 2	+ 2	0	— 0.9	112.3	91
	Narayanganj	000	9	0	00	xx	05	4	1	119	68	0	0	9	0	0	58	78	000	9	0	31	03	95	10	4	156	64	0	0	9	0	0	54	57	+ 1	0	0	— 1.1	103.9	74
	Dacca (Tejgaon)	000	0	0	31	02	97	02	0	119	65	0	0	9	0	0	57	76	000	0	0	36	05	96	02	0	155	63	0	0	9	0	0	53	52	—	—	0	—	103.6	—
	Faridpur	000	0	0	34	02	95	05	0	124	72	0	0	9	0	0	62	77	000	9	0	34	03	94	10	0	163	62	0	0	9	0	0	53	54	+ 2	—	0	— 1.3	116.6	71
	Barisal	000	0	0	00	00	96	02	1	124	67	0	0	9	0	0	64	74	000	0	0	00	00	97	03	0	157	63	0	0	9	0	0	54	57	— 2	+ 2	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	96	00	0	130	67	0	0	9	0	0	57	78	000	0	0	00	00	97	00	0	168	67	0	0	9	0	0	53	55	+ 1	—	0	— 1.3	102.8	88
	Satkhira	000	0	0	00	00	98	00	0	129	66	0	0	9	0	0	52	76	000	0	0	00	00	98	00	0	165	64	0	0	9	0	0	49	53	— 2	+ 1	0	— 1.9	82.1	65
	Jessore	000	0	0	36	02	97	00	0	131	72	0	0	9	0	0	54	76	000	0	0	34	03	97	00	0	163	59	0	0	9	0	0	51	48	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	00	00	93	00	0	125	65	0	0	9	0	0	56	76	000	0	0	31	02	98	00	0	163	64	0	0	9	0	0	53	53	+ 1	—	0	— 0.8	107.7	44
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	03	96	02	4	163	64	0	0	9	0	0	52	54	—	+ 1	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	124	65	0	0	9	0	0	54	76	000	0	0	00	00	96	00	0	164	61	0	0	9	0	0	52	51	0	+ 1	0	— 0.5	64.9	72
	Rangpur	000	0	2	00	00	96	01	1	xxx	68	2	0	9	1	0	59	75	000	0	2	05	02	96	03	0	xxx	60	2	0	9	1	0	55	52	0	+ 1	0	— 0.5	92.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	4	31	02	96	03	0	154	63	0	0	9	0	6	37	69	000	9	0	00	00	95	10	1	180	41	0	0	9	0	0	39	39	— 3	0	1.1	+ 0.8	27.2	19
	Sialkot	000	0	2	31	02	98	02	0	145	63	0	0	9	0	4	43	65	000	0	0	00	00	98	00	0	172	53	0	0	9	0	0	49	42	— 3	0	3.1	+ 2.5	61.8	32
Rawalpindi	Jhelum	000	4	7	31	03	96	03	1	148	61	0	0	9	0	6	33	67	000	0	0	23	02	95	10	8	179	44	0	0	9	0	0	39	41	—	—	5.1	—	53.3	—
	Rawalpindi	000	0	6	27	02	96	03	2	160	55	0	0	9	0	8	38	66	000	0	0	09	02	98	00	0	179	37	0	0	9	0	0	35	35	— 6	— 2	4.4	+ 3.6	56.7	36
	Khushab	000	0	2	00	00	96	03	1	152	71	2	3	6	0	0	50	74	000	0	0	00	00	99	00	0	170	39	0	0	9	0	0	38	37	+ 3	— 4	1.1	+ 0.8	23.5	15
Multan	Lyallpur	000	0	2	00	00	96	03	1	164	63	2	0	9	0	2	41	70	000	0	0	00	00	95	00	0	179	43	0	0	9	0	0	34	37	+ 1	— 4	0.4	+ 0.1	18.6	12
	Montgomery	000	0	3	00	00	96	02	1	157	65	0	0	9	0	6	43	71	000	0	0	00	00	96	10	0	183	41	0	0	9	0	0	36	40	0	2	0.1	— 0.1	8.5	10
	Multan	000	0	5	00	00	96	03	1	162	69	0	0	9	0	0	40	73	000	2	0	00	00	93	46	4	180	45	0	0	9	0	0	37	43	+ 3	+ 1	0.2	— 0.1	8.3	7
Bahawalpur	Laiah	000	0	7	00	00	98	03	1	162	69	0	0	9	0	8	39	71	000	0	0	00	00	96	04	0	175	41	0	0	9	0	0	25	32	—	—	—	—	—	8
	Khanpur	000	0	3	00	00	96	03	0	161	69	0	0	8	4	0	46	74	000	0	0	00	00	96	01	0	172	45	0	0	9	0	0	32	41	— 5	— 2	0.0	— 0.2	1.4	6
	Bahawalpur	000	0	6	00	00	97	03	0	157	67	2	0	8	4	2	44	73	000	0	0	00	02	98	00	0	185	54	0	0	9	0	0	34	42	— 1	— 1	0.1	— 0.1	6.6	5
	Port Abbas	000	0	0	35	05	96	00	0	163	66	0	0	9	0	0	28	71	000	0	0	18	02	98	00	0	187	41	0	0	9	0	0	36	71	—	—	1.0	—	10.3	4
Peshawar	Chakdara	000	0	5	00	00	96	03	1	xxx	xx	5	0	8	6	9	37	58	000	0	0	00	00	97	00	0	206	43	0	0	9	0	0	27	34	—	—	5.1	—	33.5	—
	Peshawar	000	0	4	00	00	96	04	1	174	59	4	0	9	3	2	41	63	000	0	3	23	02	98	03	0	194	41	0	0	9	0	2	35	40	— 3	—	5.9	+ 5.2	29.2	14
	Haripur	000	0	3	13	04	97	01	0	140	59	3	0	9	0	5	42	64	000	0	0	23	02	97	00	0	191	39	0	0	9	0	0	33	38	—	—	4.5	—	35.7	—
	Campbellpur	000	0	3	36	03	98	00	0	188	59	0	0	9	0	8	37	xx	000	0	0	00	00	98	00	0	232	42	0	0	9	0	0	36	36	—	—	5.3	—	41.2	—
D. I. Khan	Bannu	000	0	4	00	00	99	02		153	61	0	0	9	0	8	47	64	000	2	2	00	00	99	02	0	175	39	0	0	9	0	9	38	39	—	—	3.2	—	16.1	11
	D. I. Khan	000	6	2	00	00	98	03		156	65	0	0	9	2	0	53	74	000	0	0	00	00	98	00	0	179	40	0	0	9	0	0	38	38	+ 3	— 2	1.8	+ 1.5	16.2	10
Quetta	Sibi	000	9	5	23	02	98	03	1	150	70	0	0	9	3	0	36	71	000	0	0	23	02	99	00	0	191	42	0	0	9	0	0	37	41	—	—	4.2	—	9.4	5
	Nokkundi	000	0	0	18	02	99	00	0	204	61	0	0	9	0	0	23	62	000	0	0	31	02	98	00	0	260	36	0	0	9	0	0	33	35	—	—	0.7	—	1.8	2
	Turbat	000	0	0	05	01	99	00	0	173	79	0	0	9	0	0	40	81	000	0	0	05	02	97	00	0	198	54	0	0	9	0	0	32	xx	—	—	1.8	—	9.2	—
	Jiwani	000	0	0	18	07	97	02	0	174	73	0	0	9	0	0	32	76	000	0	1	36	03	97	03	0	184	54	0	0	9	0	0	35	51	—	—	1.7	—	8.4	4
	Pasni	000	0	0	18	03	98	00	0	170	74	0	0	9	0	0	59	74	000	0	0	31	03	98	00	0	197	53	0	0	9	0	0	41	50	— 3	— 5	0.4	— 0.6	13.5	6
	Ormara	000	0	0	22	02	98	00	0	165	73	0	0	9	0	0	52	76	000	0	0	00	00	98	00	0	175	53	0	0	9	0	0	45	50	—	—	5.9	+ 5.7	9.9	4
	Las Bela	000	0	0	00	00	98	00	0	164	83	0	0	9	0	0	40	84	000	0	0	02	xx	98	00	0	187	50	0	0	9	0	0	35	42	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	27	09	98	01	1	167	76	0	0	9	4	0	67	78	000	0	0	00	00	96	02	0	184	54	0	0	9	0	0	41	53	+ 1	— 6	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	3	23	05	96	03	0	162	74	0	0	9	0	6	55	80	000	0	0	00	00	96	02	0	186	47	0	0	9	0	0	42	43	— —	—	3.3	—	26.2	—
	Badin	000	0	0	00	00	97	00	0	158	74	0	0	9	0	0	28	76	000	0	0	23	02	96	00	0	184	45	0	0	9	0	0	38	43	— 4	— 8	0.3	— 0.1	11.5	9
	Nagarparkar	000	0	4	00	00	97	03	2	142	79	4	0	9	0	7	46	81	000	0	0	31	02	98	00	0	175	60	0	0	9	0	0	46	52	— —	—	0	—	30.5	—
	Umarkot	000	0	3	36	03	98	00	0	148	76	0	0	9	0	2	52	78	000	0	0	36	03	98	00	0	176	43	0	0	9	0	0	30	40	— —	—	0.5	—	20.8	—
	Hyderabad	000	0	4	36	03	97	03	0	167	70	0	0	9	1	6	40	75	000	0	0	36	02	95	10	0	186	44	0	0	9	0	0	38	44	— 3	— 7	0.5	+ 0.4	19.6	7
Khairpur	Padidan	000	0	1	36	02	97	02	0	167	70	0	0	9	0	1	39	73	000	0	0	20	02	96	02	0	188	42	0	0	9	0	0	35	37	— —	—	0.4	—	7.9	—
	Nawabshah	000	0	5	00	00	97	03	1	162	71	1	0	9	3	6	47	73	000	0	0	00	00	96	02	1	198	38	0	0	9	0	0	30	36	— —	—	0.4	—	7.5	—
	Sakkur	000	5	6	20	03	96	03	1	161	68	0	0	9	0	8	43	73	000	2	0	20	02	94	05	4	186	49	0	0	9	0	0	42	43	— —	—	0.8	—	5.3	4
	Kashmore	000	0	8	xx	xx	99	00	0	159	69	8	1	4	0	0	34	74	000	0	0	xx	00	99	00	0	185	58	0	0	9	0	0	30	40	— —	—	1.4	—	3.4	—
	Jacobabad	000	0	3	27	02	98	02	0	156	70	0	0	6	0	1	39	71	000	0	0	27	02	98	02	0	183	45	0	0	9	0	0	35	44	— 3	— 1	0.3	+ 0.1	4.7	4
Junagadh Afghanistan	Veraval	...																																							20
	Jalalabad	...																																							—
Arabia	Muscat	...																																							4
	Kuwait	...																																							—
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							1
	Gulmarg **	...																																							26
	Sonamarg **	...																																							—
	Dras **	...																																							71
	Leh **	...																																							26
	Skardu +	...																																							3
	Minger **	...																																							6
	Allabad +	...																																							—
	Gilgit +	...																																							—
Rawalpindi	Murree *	...	000	9	4	02	02	98	01	1	504	45	0	0	9	0	4	08	49	000	9	2	13	02	98	01	1	531	38	0	0	9	8	0	12	33	+ 1	— 1	6.8	+ 5.1	85.2	5
Peshawar	Drosh *	...	000	8	2	09	02	97	01	559	31	0	0	9	0	0	20	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—	—	—	—	59
	Chitral *	...	000	8	4	36	07	98	03	1	510	40	0	0	9	0	8	10	51	000	0	3	36	00	98	03	0	508	43	0	0	9	0	8	34	42	— 2	0	7.4	+ 6.2	38.8	18
	Kakul *	...	000	8	7	31	03	98	02	2	507	48	0	0	9	0	8	34	55	000	9	1	31	03	97	01	1	508	40	0	0	9	0	1	27	38	— —	—	5.9	—	61.0	29
	Landi Kotal *	...	000	0	3	31	01	99	01	1	500	48	0	0	9	0	3	34	50	000	0	1	00	00	98	01	0	500	37	8	3	9	0	0	23	35	— —	—	3.7	—	34.6	—
D. I. Khan	Parachinar *	...	000	0	2	36	02	98	00	0	518	45	0	0	9	0	0	30	54	000	0	0	09	02	99	00	0	508	33	0	0	9	0	0	32	32	— —	+ 1	8.0	—	36.1	—
	Miranshah *	...	000	0	8	00	00	90	00	2	488	46	0	0	9	0	0	31	69	000	0	0	00	00	99	00	0	487	46	0	0	9	0	0	25	32	— —	—	1.5	+ 1.0	8.5	29
	Wana *	...	000	0	4	00	00	99	10	1	499	55	4	2	9	0	0	29	57	000	0	0	00	00	99	00	0	503	39	0	0	9	0	0	25	32	— —	—	3.0	—	15.8	13
Quetta	Fort Sandeman *	...	000	0	6	00	00	97	03	0	522	59	6	0	7	7	0	27	64	000	0	0	00	00	98	00	0	536	36	0	0	9	0	0	29	36	+ 5	+ 5	5.3	+ 4.9	21.2	—
	Mindubagh *	...	000	0	1	31	05	98	00	0	502	55	0	0	9	0	0	25	59	000	0	0	29	06	98	00	0	517	34	0	0	9	0	0	20	33	— —	—	7.2	—	20.2	11
	Loralai *	...	000	0	6	09	03	96	01	1	560	58	2	3	7	2	0	33	61	000	0	0	31	03	99	00	0	551	37	0	0	9	0	0	30	32	— —	—	4.1	—	16.7	—
	Marnal *	...	000	5	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	22	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	— —	—	6.3	+ 5.7	19.2	—
	Quetta *	...	000	0	9	00	00	99	00	0	520	49	0	0	9	0	0	41	51	000	0	0	00	00	99	00	0	538	37	0	0	9	0	0	26	35	— —	—	2.8	+ 1.6	9.0	14
	Chaman *	...	000	0	0	00	00	96	00	0	535	52	0	0	9	0	0	27	53	000	0	0	18	05	97	00	0	568	36	0	0	9	0	0	28	35	— 2	+ 4	2.8	+ 1.6	9.0	8
Kalat	Kalat *	...	000	0	0	31	05	97	00	1	526	48	0	0	9	0	0	30	54	000	0	0	16	05	97	00	0	565	33	0	0	9	0	0	28	30	— 0	+ 4	2.7	+ 1.9	14.6	7
	Nushki *	...	000	0	0	31	02	98	02	1	595	51	0	0	9	0	8	41	53	000	0	0	31	02	98	02	0	596	41	0	0	9	0	0	35	37	— —	—	1.4	—	4.7	9
	Dalbandin *	...	000	8	0	09	02	98	02	1	537	53	0	0	9	0	0	43	55	000	3	3	36	02	98	03	0	525	35	0	0	9	0	1	35	35	— 8	0	1.2	+ 0.8	3.5	—
	Panjgur *	...	000	0	0	36	05	98	00	0	526	61	0	0	9	0	0	29	62	000	0	0	05	02	98	00	0	519	37	0	0	9	0	0	26	35	— 2	— 4	0.3	—	4.4	5
Afghanistan	Kabul *	...	000	0	0	36	02	99	00	0	553	36								000	0	2	32	02	99	00	0	589	21	0	0	9	0	0	16	17	—	—	—	—	14
	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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 20th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	73 212	596 00	2 03 13	98 02 0	161 70	21 6 40	15 71 4	...	0 56 68	1 03 22
Arisakamaru	73 161	608 00	6 02 15	97 02 2	155 75	35 6 72	65 71 0	...	0 52 66	
Fogo	73 237	589 12	0 34 03	98 00 0	164 75	00 9 00	75 71 5	...	0 00 64	1 00 00
Eucadi	73 203	609 12	5 05 18	98 02 1	204 75	41 7 60	15 50 6	...	0 52 58	1 03 x4
Ariana	73 156	522 15	0 07 10	98 00 0	170 73	00 9 00	15 21 1	...	0 54 63	
Ariana	73 160	532 18	0 09 05	98 02 0	195 73	00 9 00	15 11 5	...	0 09 68	1 09 31

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$_d$T$_d$T$_d$	HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 172 102	116 155 095	...	145 132 999	...	310 095 999	437 025 999	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	014 088 038	135 105 002	...	149 145 999	...	312 055 999	437 508 999	577 652 999	743 722 999	952 922	213 100		...
Lahore ...														
Multan ...														
Peshawar ...	00 00	973 062 048	...	...	143 512 572	...	399 570 650	406 660 670	541 735 999	700 842 999	986 975	152 092	336 120	585 138

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT T$_d$T$_d$T$_d$								Max. Height Reached	TROPOPAUSE	
										PPPTTT T$_d$T$_d$T$_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00		...	...	...	...	...	...	...	...	437 025 999	...	...
Jiwani ...													
Karachi ...	00 00	900 165 655	...		...	...	...	...	...	...	900 165 655	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 002 568	800 518 588	350 900 999	250 038 999	...	...	...	...	...	250 038 999	...	...
Quetta ...													

PPP Pressure in hundreds tens and units of millibars.

TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	29 06	31 06	23 04	29 08	30 32	28 26	...	...	...
Chakisin ...	...	...	...	...	...	...	...	...	...
Chhor ...	03 05	04 06	04 06	01 06	32 11	26 11	21 19	24 21	26 30
Chittagong ...	33 13	34 09	01 08	34 08	33 13	...	...	...	...
Cox's Bazar ...	34 11	01 10	35 10	35 08	33 08	31 08	...	...	...
Dacca ...	30 10	32 10	33 08	30 18	31 29	29 26	28 28	28 31	26 43
Dalbandin ...	...	...	10 02	04 06	04 10	04 06	03 07	32 14	30 27
D. I. Khan ...	...	...	...	...	06 03	03 06	02 08	02 16	01 32
Drosh ...	...	...	...	...	31 13	30 17	28 12	27 19	26 29
Fort Sandeman ...	...	...	...	27 03	28 07	28 15	26 15	25 25	25 33
Jacobabad ...	27 04	30 03	27 03	29 06					
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	30 10	32 12	33 15	33 15	32 15	32 11	26 08	24 09	24 19
Jiwani ...	15 03	33 04	35 04	01 03	34 06	32 07	32 35	30 33	28 35
Karachi ...	19 02	04 04	03 04	33 04	30 05	24 15	25 15	26 23	25 27
Khanpur ...	24 08	25 10	25 10	32 08	29 06	28 12	22 16	25 24	24 25
Lahore ...	30 08	31 11	31 08	34 13	33 15	28 09	23 09	25 13	26 26
Multan ...	17 05	18 05	23 07	23 08	27 08	29 08	27 12	26 21	24 25
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	32 07	36 11	36 11	34 15	28 25
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 05	28 04	29 03	02 06	02 02	29 37	27 35	...	...
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 ...	35 10	36 04	04 04	...	...	...
Chakisin ...	...	03 02	34 07	32 07	30 08	26 10
Chhor ...	08 06	35 04	35 06	33 08	30 11	31 49
Chittagong ...	01 16	02 07	33 06	29 07	32 11	28 13
Cox's Bazar ...	02 13	02 06	02 04	32 04	34 19	29 11
Dacca ...	34 10	34 03	17 02	29 07	31 24	29 23
Dalbandin ...	...	...	08 04	04 06	02 07	32 10
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	13 02	03 07	10 06
Fort Sandeman ...	...	...	...	21 04	29 13	29 23
Jacobabad ...	29 08	26 06	32 07	36 08	02 09	36 11
Jessore ...	34 15	33 12	32 11	32 14	32 23	30 19
Jhelum ...	33 06	30 12	32 13	31 20	31 16	31 09
Jiwani ...	34 10	36 10	01 08	04 12	02 09	35 14
Karachi ...	02 01	35 01	33 03	32 08	29 10	28 25
Khanpur ...	24 23	25 23	28 16	31 08	33 06	02 09
Lahore ...	29 06	31 09	32 15	31 20	30 18	28 08
Multan ...	20 09	19 05	27 05	33 15	33 15	30 10
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	28 02	27 03	29 09	30 21	29 12
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	07 06	07 05	09 06	09 10	28 10	27 34
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 ...	36 04	01 04	04 05	06 06	33 04	...	...	...	...	...	...
Chakisin ...	...	28 09	30 02	02 03	34 06	24 09					
Chhor ...	07 05	01 05	35 02	06 08	05 06	30 06	28 19	29 16	33 20	30 28	...
Chittagong ...	35 03	03 02	36 02	27 09	30 11	28 13	...	...	...	...	...
Cox's Bazar ...	20 04	17 06	13 03	31 10	34 10	29 12	...	...	...	...	...
Dacca ...	34 04	34 03	33 02	28 07	30 19	28 22	...	...	...	...	...
Dalbandin ...	...	...	08 05	07 05	24 03	24 07	30 09	30 09	30 27	29 27	...
D. I. Khan ...	...	...	...	...	03 03	03 10	36 17	17 05	15 06	16 07	...
Drosh ...	...	...	...	21 02	28 09	31 18	30 21	29 48	29 38	30 42	...
Fort Sandeman ...	...	...	...	14 01	32 03	32 10	31 18	29 20	30 27	31 29	...
Jacobabad ...	25 03	35 07	32 04	31 17	31 24	28 22	...	...	...	...	...
Jessore ...	34 08	34 09	32 11	24 09	34 04	28 13	28 20	29 20	29 24	28 27	27 36
Jhelum ...	29 06	31 07	26 10	05 05	08 02	33 07	31 12	31 13	30 18	30 22	...
Jiwani ...	03 09	03 05	04 05	07 02	02 03	32 05	32 13	31 14	30 16	30 26	30 41
Karachi ...	30 06	01 04	03 03	32 13	02 11	32 13	...	...	...	...	...
Khanpur ...	25 08	27 12	29 11	30 09	30 15	27 18	27 21	27 26	...	...	...
Lahore ...	36 01	30 01	29 13	31 19	31 40	29 16	31 19	30 31	31 15	31 40	...
Multan ...	14 08	31 04	31 03	31 06	30 11	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	21 02	20 02	28 10	28 15	21 10	...	...	...	...	...
Peshawar ...	...	...	...	...	30 04	30 16	30 26	29 28	32 25	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	28 30	...	...	...	...	...
Sylhet ...	15 01	03 03	09 04	10 07	25 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 ...	35 19	31 03	18 03	31 07	32 27	29 42	28 52	28 52	28 62									
Karachi ...	31 08	30 06	33 05	35 04	33 09	30 11	30 13	27 16	30 22	30 26	30 30	29 24	25 20	...	...	...	...	...
Peshawar ...	Missd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														...	...	...	...	...

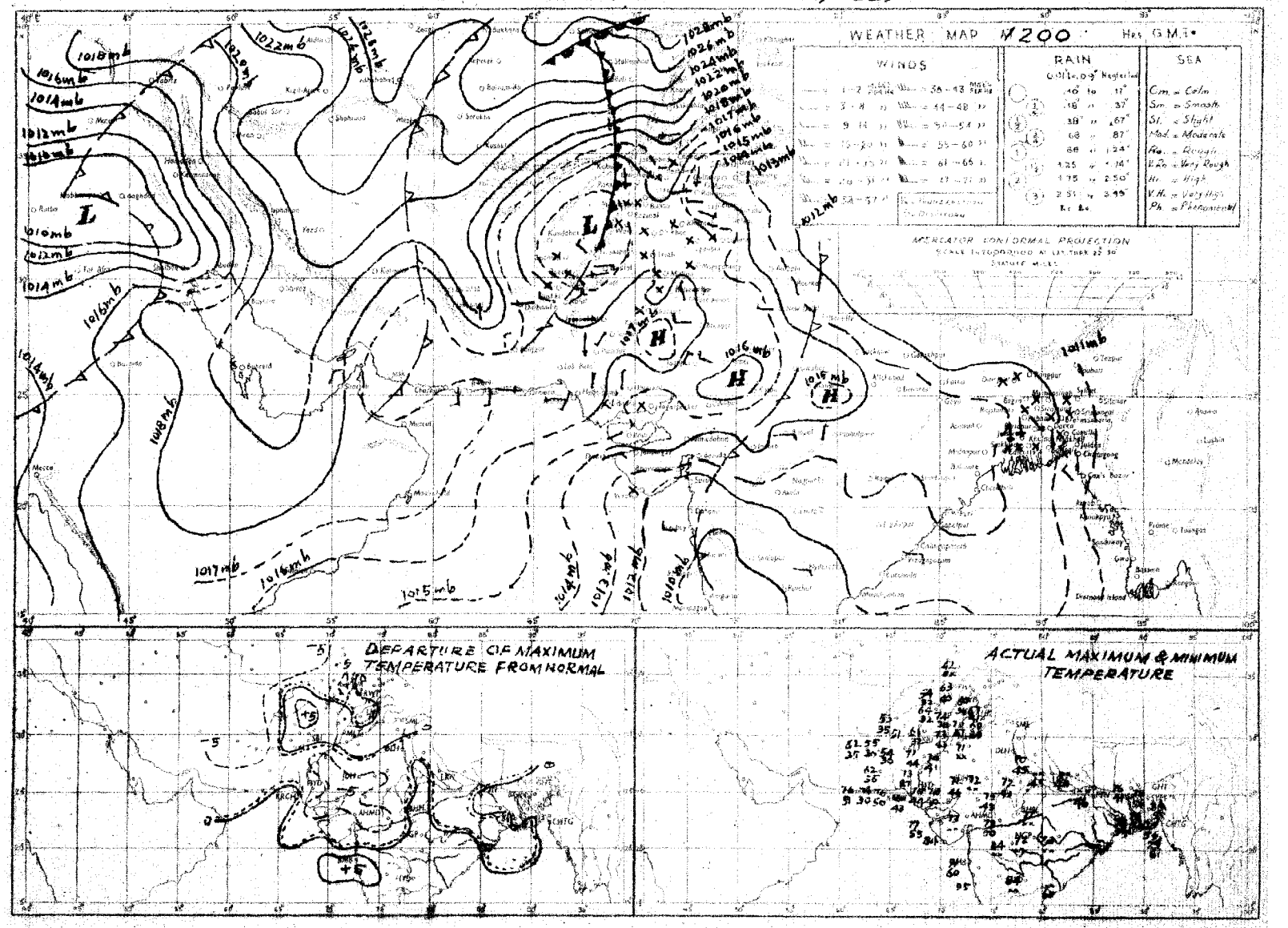
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V,V. etc.)

The accuracy of individual entries in this report can not be gurantteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

SATURDAY 19th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours

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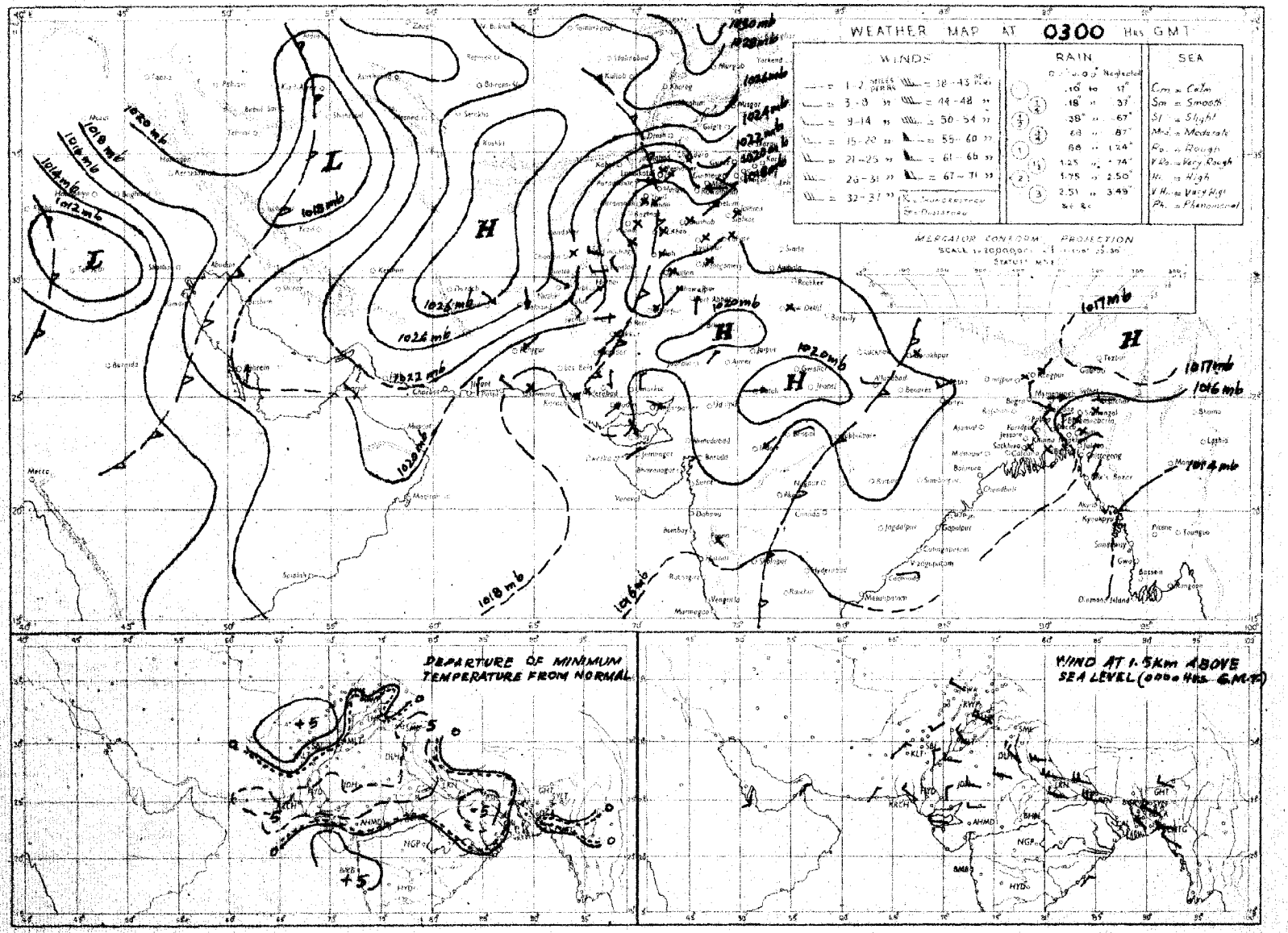
PAKISTAN DAILY WEATHER MAP

SUNDAY 20th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 21st DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

A fresh western disturbance is moveing across east Russian Turkistan with its trough extending to Quetta division.

Weather remained dry in the country.

Night temperatures were 3—5°F above normal in Rajsahi, Quetta, north Kalat and Khairpur divisions and 4—6°F below normal in Hyderabad divison and the Federal Capital Area.

Forecast valid until the evening of 22nd December, 1959. Scattered light rain/drizzle is likly to occur in Quetta, Peshawar divisions and Kashmir.

Karachi-11
The 21st December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Chittagong	Cox's Bazar	000	0	2	34	02	94	01	0	121	70	0	0	9	0	6	63	78	000	0	0	02	02	94	00	0	161	69	0	0	9	0	0	63	60	— 1	+ 3	1.7	— 2.4	142.8	140
	Chittagong	000	0	34	00	00	96	00	0	125	69	0	0	9	0	0	61	78	000	0	0	02	02	96	00	0	161	69	0	0	9	0	0	63	57	— 0	+ 1	1.4	— 1.5	143.8	108
	Maidee Court	000	9	9	00	00	xx	10	0	125	70	9	x	0	x	X	62	76	000	9	0	36	02	98	01	0	163	65	0	0	9	0	0	63	56	— 2	— 1	0.1	— 1.7	144.7	115
	Comilla	000	0	0	00	00	94	00	0	118	69	0	0	9	0	0	55	79	000	0	0	00	00	97	00	0	152	64	0	0	9	0	0	61	56	+ 1	+ 3	0.1	— 1.5	107.8	94
	Brahmonbaria	000	0	0	00	00	xx	00	0	120	69	0	0	9	0	0	63	79	000	0	0	00	00	97	00	0	164	69	0	0	9	0	0	61	58	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	0	00	00	xx	02	0	120	69	0	0	9	0	0	60	79	000	0	1	09	05	96	01	0	160	65	1	1	6	0	0	61	58	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	114	63	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	161	66	0	0	9	0	0	60	51	— 1	+ 4	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	124	71	0	0	9	0	0	63	78	000	0	0	00	00	97	00	0	169	56	0	0	9	0	0	60	58	+ 2	+ 4	0	— 0.9	113.3	91
	Narayanganj	000	0	0	00	00	xx	10	4	123	70	0	0	9	0	0	60	73	000	0	0	36	02	95	10	4	160	65	0	0	9	0	0	57	53	— 4	— 3	0	— 1.1	103.9	74
	Dacca (Tezgaon)	000	0	0	31	03	96	02	0	121	67	0	0	9	0	0	59	77	000	0	0	02	02	96	02	0	159	64	0	0	9	0	0	57	54	—	—	0	—	103.6	—
	Faridpur	000	8	0	00	03	96	05	0	121	70	0	0	9	0	0	62	73	000	9	0	34	03	94	10	0	165	66	0	0	9	0	0	56	55	— 2	+ 2	0	— 1.3	116.6	71
	Barisal	000	0	0	00	00	96	00	0	121	70	0	0	9	0	0	56	74	000	4	0	36	02	96	02	4	165	66	0	0	9	0	0	67	55	— 4	0	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	116	63	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	170	68	0	0	9	0	0	57	57	+ 3	+ 3	0	— 1.3	102.8	68
	Sakhira	000	0	0	00	00	98	00	0	135	66	0	0	9	0	0	55	76	000	0	0	00	00	98	00	0	172	64	0	0	9	0	0	51	53	— 2	+ 2	0	— 1.9	82.1	65
	Jessore	000	0	0	00	00	97	00	0	133	68	0	0	9	0	0	56	75	000	0	0	31	03	97	00	0	167	61	0	0	9	0	0	56	51	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	00	00	93	00	0	115	63	0	0	9	0	0	61	76	000	0	0	31	02	98	00	0	163	65	0	0	9	0	0	57	58	+ 2	+ 5	0	— 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	124	68	0	0	9	0	0	59	77	000	0	0	36	02	96	02	0	166	64	0	0	9	0	0	55	55	+ 1	+ 2	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	126	74	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	160	63	0	0	9	0	0	45	53	+ 4	+ 4	0	0.5	66.9	72
	Rangpur	000	0	2	00	00	96	01	1	xxx	68	2	0	9	1	0	59	76	000	0	1	27	02	96	01	0	xxx	61	1	0	9	1	0	57	53	+	+ 3	0	0.5	92.4	84
Kashmir	Jammu																																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	168	61	0	0	9	0	3	47	72	000	0	0	00	00	95	10	0	199	41	0	0	9	0	0	40	39			1.1	0.8	27.1	19
	Sialkot	000	0	0	00	00	98	00	0	160	62	0	0	9	0	0	46	67	000	0	0	00	00	98	00	0	195	46	0	0	9	0	0	44	41	+ 9	0	3.1	+ 2.5	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	96	00	0	164	63	0	0	9	0	0	45	67	000	0	3	00	00	96	10	0	194	42	2	0	9	3	1	39	39	—	—	5.1	—	55.3	—
	Rawalpindi	000	0	0	00	04	97	03	2	174	60	0	0	9	0	0	45	65	000	0	6	00	00	98	02	2	217	39	3	0	9	6	8	37	36	— 1	— 1	4.4	+ 3.5	56.7	36
	Kheshab	000	0	0	00	00	99	00	0	163	70	0	0	9	0	0	42	73	000	0	0	00	00	99	00	0	203	46	0	0	9	0	9	36	38	+ 2	— 3	1.1	+ 0.8	23.5	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	168	67	0	0	9	0	0	41	73	000	0	0	00	00	95	00	0	196	40	0	0	9	0	0	38	39	+ 4	— 1	0.4	+ 0.1	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	162	70	0	0	9	0	0	47	75	000	0	0	13	02	97	00	0	190	44	0	0	9	0	0	39	41	+ 4	0	0.1	— 0.1	8.5	10
	Multan	000	0	0	00	00	96	02	4	158	69	0	0	9	0	0	40	73	000	0	2	36	02	94	46	0	193	48	0	0	9	0	1	40	47	+ 3	+ 6	0.1	— 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	00	00	98	05	0	154	73	0	0	9	0	0	41	74	000	0	0	00	00	96	04	0	194	43	0	0	9	0	0	33	36	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	96	03	0	148	74	0	0	9	1	0	45	79	000	0	0	36	02	96	03	0	189	47	0	0	9	1	0	41	44	+ 4	+ 2	0	— 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	98	00	-	157	75	0	0	9	0	0	49	78	000	0	0	00	00	98	00	0	194	49	0	0	9	0	0	36	40	+ 5	— 2	0.1	— 0.1	6.6	6
	Fort Abbas	000	0	0	25	02	98	00	0	160	74	0	0	9	0	0	41	74	000	0	0	11	02	98	00	0	193	41	0	0	9	0	0	39	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	96	00	0	178	58	0	0	9	0	0	39	59	000	0	6	00	00	96	01	2	208	33	6	0	8	6	0	33	36	—	—	5.1	—	33.5	—
	Peshawar	000	0	1	23	02	97	03	0	179	61	0	0	9	0	1	46	67	000	0	6	13	03	97	01	2	213	43	3	0	9	0	0	37	42	+ 1	+ 1	5.9	+ 5.2	29.2	14
	Haripur	000	0	0	25	02	99	00	0	174	57	0	0	9	0	0	45	66	000	0	7	23	04	97	03	2	163	44	7	6	6	0	0	35	39	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	05	02	98	00	0	185	58	0	0	9	0	0	41	xx	000	0	0	00	00	98	00	0	228	40	0	0	9	0	0	38	38	—	—	5.3	—	41.2	—
D. I. Khan	Bannu	000	0	0	23	01	99	00	0	158	64	0	0	9	0	0	46	66	000	0	4	25	01	99	03	0	186	45	4	0	9	4	0	38	39	—	—	3.2	—	16.1	11
	D. I. Khan	000	0	0	00	00	98	00	0	159	68	0	0	9	0	0	53	72	000	0	4	00	00	98	01	1	200	44	4	0	9	4	0	41	39	+ 1	0	1.8	+ 1.5	16.7	10
Quetta	Sibi	000	0	0	27	02	99	00	0	155	77	0	0	9	0	0	35	79	000	2	5	00	00	98	02	1	197	45	5	0	9	3	0	36	42	—	—	4.1	—	9.4	5
	Nokkundi	000	0	0	31	02	99	00	0	163	64	0	0	9	0	0	27	66	000	0	0	34	02	98	00	0	202	40	0	0	9	0	0	27	41	—	—	0.7	—	1.8	2
	Turbat	000	0	0	27	01	98	00	0	155	84	0	0	9	0	0	53	85	000	0	0	09	02	97	00	0	190	51	0	0	9	0	0	xx	xx	—	—	1.8	—	9.1	—
	Jiwani	000	0	1	27	03	97	03	0	154	75	0	0	9	0	1	35	75	000	0	2	36	03	97	02	0	174	61	0	0	9	0	1	49	54	—	—	1.7	—	8.4	4
Kalat	Panjgur	000	0	0	20	05	98	00	0	154	77	0	0	9	0	0	70	77	000	0	3	29	05	98	02	0	173	52	3	0	9	7	0	47	51	0	— 2	0.4	— 0.6	13.5	6
	Ormara	000	0	0	27	02	98	01	0	149	75	2	2	8	0	0	69	78	000	0	0	00	00	95	00	0	168	55	0	0	9	0	0	54	52	—	—	5.9	+ 5.7	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	146	80	0	0	9	0	0	41	83	000	0	0	xx	xx	98	00	0	186	60	0	0	9	0	0	38	44	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	27	05	98	01	1	152	77	0	0	9	0	1	56	80	000	0	0	00	00	95	05	0	175	56	0	0	9	0	0	38	54	+ 3	— 4	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	0	23	05	96	03	0	154	74	0	0	9	0	0	40	82	000	0	0	00	00	96	02	0	171	48	0	0	9	0	0	44	45	—	—	3.3	—	26.2	—
	Badin	000	0	0	00	00	97	00	0	133	78	0	0	9	0	0	48	83	000	0	0	00	00	96	00	0	168	46	0	0	9	0	0	41	45	+ 2	— 5	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	139	80	0	0	9	0	0	50	79	000	0	0	34	02	98	00	0	179	59	0	0	9	0	0	47	52	—	—	0	—	30.5	—
	Umarkot	000	0	0	31	03	98	00	0	139	79	0	0	9	0	0	45	83	000	0	0	36	02	98	00	0	165	45	0	0	9	0	0	21	43	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	00	00	97	02	0	155	77	0	0	9	0	0			000	0	0	00	00	95	10	0	175	45	0	0	9	0	0	39	45	+ 5	— 6	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan	000	0	0	18	02	97	01	0	151	76	0	0	9	0	1	37	78	000	0	1	07	03	97	01	0	181	51	0	0	9	0	1	33	40	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	00	00	97	02	0	160	77	0	0	9	0	0	42	52	000	0	0	00	00	97	02	0	186	45	0	0	9	0	0	35	40	—	—	0.3	—	7.5	—
	Sukkur	000	0	0	00	00	98	00	0	150	73	0	0	9	0	0	36	79	000	9	4	16	02	96	03	1	182	50	0	0	9	0	8	39	48	—	—	0.8	—	5.3	4
	Kashmore	000	0	0	00	00	99	00	0	147	71	0	0	9	0	0	43	78	000	0	0	00	00	99	00	0	195	57	0	0	9	0	0	34	45	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	31	02	98	02	0	152	75	0	0	9	0	0	38	79	000	0	2	09	03	98	03	0	187	50	1	0	9	3	0	22	46	+ 5	+ 4	0.3	+ 0.1	4.7	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							—
Arabia	Muscat																																							4
	Kuwait																																							—
	HILL STATIONS																																							26
Kashmir	Srinagar **																																							—
	Gulmarg **																																							71
	Sonamarg **																																							26
	Dras **																																							3
	Leh **																																							6
	Skardu *																																							—
	Misgar **																																							—
	Aliabad *																																							5
Rawalpindi	Gilgit *	000	9	0	07	02	98	00	1	517	42	0	0	9	0	0	24	51	000	0	7	11	09	97	02	1	529	41	4	5	5	8	0	23	35	+ 3	+ 2	6.8	+ 5.1	85.2	59
	Murree *	000	0	0	00	00	97	02	0	550	34	0	0	9	0	0	31	42	000	8	8	00	00	96	03	2	576	27	8	0	8	2	x	xx	xx	— 9	×	11.0	—	41.6	18
	Drosh *	000	0	0	05	03	98	00	0	525	50	0	0	9	0	0	20	57	000	0	4	36	08	98	03	0	535	47	0	0	9	0	8	23	42	+ 4	+ 1	7.4	+ 6.1	38.8	29
	Chitral *	000	8	1	29	03	98	01	1	518	51	0	0	9	0	1	35	61	000	9	7	31	03	97	03	1	524	49	7	0	9	2	0	27	39	—	—	5.9	—	61.0	—
Peshawar	Kakul *	000	0	0	00	00	99	00	0	511	50	0	0	9	0	0	34	55	000	0	4	00	00	98	01	4	515	36	0	0	9	3	8	29	35	—	—	5.7	—	34.5	—
	Landi Kotal *	000	0	0	23	02	99	00	0	522	57	0	0	9	0	0	23	60	000	0	3	34	02	99	02	0	533	34	3	0	8	2	0	24	33	+ 8	+ 3	8.1	—	36.2	—
D. I. Khan	Parachinar *	000	0	0	23	02	99	00	0	497	56	0	0	9	0	0	31	63	000	0	4	00	00	99	03	2	497	39	4	2	7	0	0	31	33	—	—	1.5	+ 1.0	8.5	29
	Miranshah *	000	0	0	23	05	99	00	0	490	59	0	0	9	0	0	25	56	000	0	3	00	00	99	10	1	543	35	3	0	9	6	0	28	31	—	—	1.6	—	15.7	13
	Wana *	000	0	0	00	00	98	00	0	514	62	0	0	9	0	0	23	54	000	0	6	00	00	97	03	0	537	37	6	0	7	7	0	27	35	— 3	+ 6	5.3	+ 4.9	21.2	11
Quetta	Fort Sandeman *	000	0	0	25	09	98	00	0	508	50	0	0	9	0	0	57	68	000	2	4	02	08	98	02	0	509	36	0	0	9	1	2	19	35	—	—	7.2	—	20.2	—
	Hindubagh *	000	0	2	23	02	98	01	1	363	62	2	2	8	0	0	xx	xx	000	0	5	23	02	96	01	1	355	34	2	2	7	0	1	31	33	—	—	4.1	—	16.7	—
	Loralai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	45	52	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.6	19.1	14
	Harnai *	000	0	0	00	00	98	00	0	529	48	0	0	9	0	0	27	59	000	0	0	00	00	96	00	0	538	36	0	0	9	0	0	29	33	—	—	2.9	+ 2.0	13.2	8
	Quetta *	000	0	0	31	02	96	00	0	520	56	0	0	9	0	0	37	58	000	0	0	09	02	96	00	0	510	44	0	0	9	0	0	22	40	+ 4	+ 5	2.8	+ 1.5	9.0	7
	Chaman *	000	0	0	00	00	98	00	0	518	53	0	0	9	0	0	37	60	000	0	3	18	05	98	03	1	562	35	0	0	9	0	1	24	31	+ 4	+ 5	2.7	+ 1.8	14.6	9
Kalat	Kalat *	000	0	0	31	02	98	02	0	566	59	0	0	9	0	0	46	60	000	0	6	09	31	98	02	1	561	53	6	0	9	2	0	26	41	—	—	1.4	—	4.3	—
	Nushki *	000	0	0	07	05	98	02	0	525	59	0	0	9	0	0	31	72	000	9	1	05	02	97	01	1	486	35	1	0	9	3	0	35	35	— 3	+ 4	1.2	+ 0.7	3.5	5
	Dalbandin *	000	8	0	18	02	98	00	0	527	70	0	0	9	0	0			000	0	0	05	02	98	00	0	509	41	0	0	9	0	0	28	37	+ 8	0	0.3	—	4.4	14
	Panjgur *	000	0	0																																				—
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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 21st DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	8 N_s Ch_sh_s	O $T_sT_sT_dT_d$	$Id_ed_eP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Eucadia	13 222	634 00	0 05 13	98 02 0	207 61	C0 9 00	05 60 3	...	0 55 59	1 05 x2
Caltex Utrecht	13 193	703 06	1 02 09	98 01 0	161 79	C0 9 08	...	...	0 51 63	1 01 21
Eucadia	13 034	647 06	0 02 09	98 02 0	001 72	C0 9 00	15 20 3	...	0 55 57	1 03 x1
Woensdrecht	13 204	590 12	1 04 09	98 02 0	221 75	10 6 80	55 71 0	...	0 51 60	1 04 20
Eucadia	13 243	662 12	1 10 09	96 02 0	155 75	C0 9 01	15 61 0	...	0 51 53	1 01 x1
Woensdrecht	13 190	583 18	0 07 09	98 01 0	240 77	C0 9 C0	55 22 0	...	0 54 63	1 07 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb HHHTTT TdTdTd	850 mb HHHTTT TdTdTd	800 mb HHHTTT TdTdTd	700 mb HHHTTT TdTdTd	600 mb HHHTTT TdTdTd	500 mb HHHTTT TdTdTd	400 mb HHHTTT TdTdTd	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	013 135 118	115 165 138	...	147 145 075	...	313 085 999		...	...	...	...	...	—
Dacca ...														
Jiwani ...	00 00	012 082 062	125 122 075	...	151 155 997	...	313 088 999	439 012 999	580 655 999	754 075 999	964 802	241 955	430 035	—
Karachi ...														
Lahore ...														
Multan ...	00 00	976 072 048	...	...	148 048 542	...	306 532 668	426 618 745	578 400 290	xxx xxx xxx	922 948	187 063	367 118	
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 135 095	...	...	...	...	...	...	...	...	900 135 095	...	...
Dacca ...													
Jiwani ...	00 00	973 108 858	940 188 535	900 158 648	...	...	...	...	...	...	900 158 648	...	...
Karachi ...													
Lahore ...													
Multan ...	00 00	900 062 008	800 012 612	350 500 999	250 995 999	125 178 999	...	...	...	...	125 178 999	...	...
Peshawar ...													
Quetta ...													

PPP Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in cenths of °C.)
Sr-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 07	34 06	35 07	30 02	21 24	29 25	...	...	...
Chakisla ...	...	...	...	...	...	...	...	...	...
Chhor ...	02 05	02 05	03 06	07 08	04 04	31 08	30 11	30 11	29 19
Chittagong ...	33 09	36 04	05 04	32 08	26 11	...	...	...	...
Cox's Bazar ...	01 09	16 09	07 03	33 07	32 09	31 12	...	...	...
Dacca ...	30 06	33 05	34 04	31 15	31 27	28 26	27 25	24 24	24 30
Dalbandin ...	...	...	08 05	09 03	19 03	27 12	26 12	30 20	32 28
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 10	01 11	06 02	14 02	15 05
Fort Sandeman ...	...	...	...	23 03	28 06	27 09	30 20	29 27	29 35
Jacobabad ...	30 01	25 02	26 02	33 01	21 05	28 12	28 11	32 17	29 27
Jessore ...	31 07	34 09	35 09	32 21	31 25	31 28	...	...	...
Jhelum ...	32 05	30 05	30 07	32 07	30 06	29 10	29 13	28 24	28 27
Jiwani ...	36 02	03 04	03 05	03 03	26 01	28 05	30 10	32 14	36 19
Karachi ...	23 04	35 04	03 06	06 02	35 04	30 09	32 09	28 09	28 19
Khanpur ...	23 11	24 07	26 07	35 02	34 09	33 11	31 18	28 17	28 13
Lahore ...	30 07	30 10	31 11	30 07	28 07	28 13	29 13	30 18	30 25
Multan ...	09 03	33 02	31 04	30 12	27 17	28 15	29 21	30 23	30 37
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	32 03	29 12	28 18	28 24	29 29
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 02	26 05	11 01	09 07	26 10	27 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 ...	01 15	02 07	07 06	23 02	30 16	20 20
Chakisla ...	...	...	...	...	...	...
Chhor ...	08 07	09 08	09 08	10 09	29 01	32 05
Chittagong ...	03 09	03 05	19 03	23 06	29 09	25 14
Cox's Bazar ...	01 11	36 07	18 07	32 03	32 04	26 09
Dacca ...	04 04	09 01	33 01	29 10	27 13	36 21
Dalbandin ...	...	...	07 10	21 14	20 20	22 23
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	13 01	09 03	15 06
Fort Sandeman ...	...	...	...	23 03	25 05	28 17
Jacobabad ...	10 07	17 05	18 08	19 11	20 09	28 10
Jessore ...	36 09	36 05	04 04	31 09	29 14	27 16
Jhelum ...	32 07	34 09	32 07	01 04	14 03	17 03
Jiwani ...	39 12	25 04	30 04	26 06	27 10	24 11
Karachi ...	36 04	12 09	14 11	11 08	25 09	26 07
Khanpur ...	05 08	03 04	22 02	23 08	25 10	23 08
Lahore ...	36 07	34 07	30 06	32 06	24 03	28 03
Multan ...	04 08	04 09	04 07	18 09	23 11	25 08
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	17 05	13 02	33 08	33 05	16 04
Quetta ...	...	...	...	...	16 04	24 17
Sharjah ...	...	...	...	...	...	...
Sylhet ...	12 08	14 02	05 02	08 08	...	...
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 ...	33 05	xx xx	xx xx	xx xx	28 13	27 19	26 30	25 40	25 43	...	...
Chakisla ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	10 10	10 12	09 10	11 13	13 11	24 11	24 09	34 04	27 19	27 23	...
Chittagong ...	02 03	18 05	20 05	27 08	27 10	26 16	26 15	25 25	24 34	23 43	22 51
Cox's Bazar ...	01 05	02 05	27 02	18 02	28 03	26 09	26 18	23 29	24 35	...	...
Dacca ...	18 01	32 01	30 03	29 11	28 21	26 21	25 24	24 40	25 43	24 63	23 81
Dalbandin ...	...	...	06 05	22 14	23 20	23 21	25 26	25 42	25 45	25 48	26 58
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 03	03 09	...	...	...	...	...
Fort Sandeman ...	...	...	...	13 02	23 09	23 11	24 39	25 46	25 39	...	...
Jacobabad ...	15 05	15 04	21 05	21 10	19 10	23 19	27 35	...	...	...	...
Jessore ...	xx xx	xx xx	31 07	31 10	30 14	27 16	25 22	25 34	25 37	24 48	...
Jhelum ...	32 06	35 10	35 06	07 03	18 04	20 04	...	...	...	...	...
Jiwani ...	31 03	31 04	31 07	27 08	23 12	25 20	23 22	25 25	28 28	30 39	30 49
Karachi ...	01 05	15 05	15 05	14 05	22 05	23 09	29 10	27 19	30 22	31 39	...
Khanpur ...	02 06	06 04	14 04	20 10	21 10	22 10	25 18	28 21	29 32	28 30	...
Lahore ...	35 08	33 08	32 07	25 04	25 07	29 11	28 16	27 18	26 20	28 22	27 33
Multan ...	06 07	07 08	08 05	22 09	26 13	26 11	27 21	27 23	27 26	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	18 02	22 03	33 08	22 04	22 03	20 09	24 28	25 35	...	...
Quetta ...	...	...	...	...	19 01	23 14	24 37	25 47	24 59	26 57	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 05	08 05	10 03	36 05	26 11	27 23	26 27	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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 ...	01 04	05 03	05 04	33 07	27 10	28 13												
Dacca ...	05 06	13 10	12 09	12 08	26 05	26 07	31 07	31 07	28 15	30 22	30 39	31 40	32 71	32 83	32 62	31 64	...	...
Karachi ...	Missda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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.)

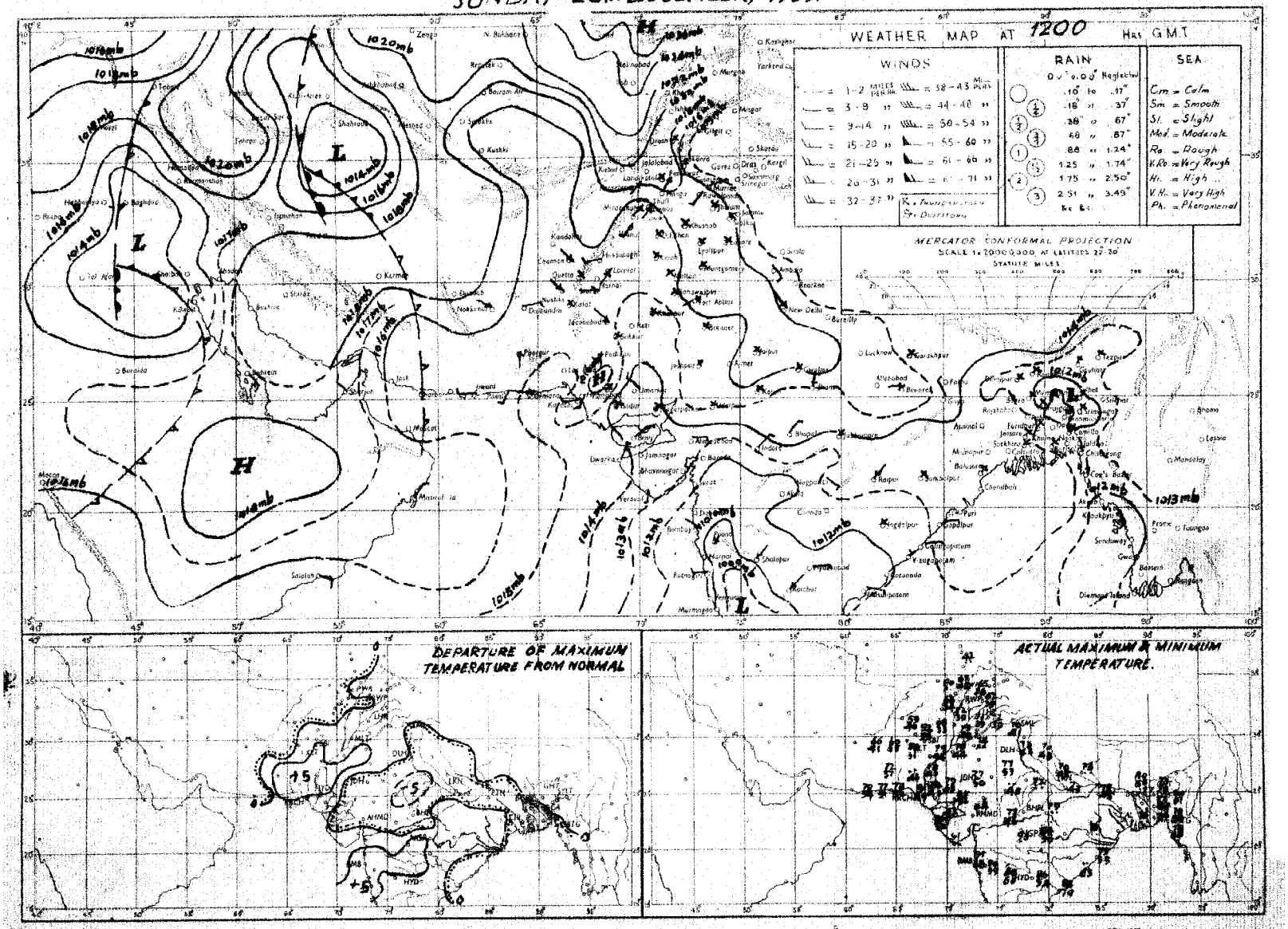
06 675 03 031

05 715 32 811

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

SUNDAY 20th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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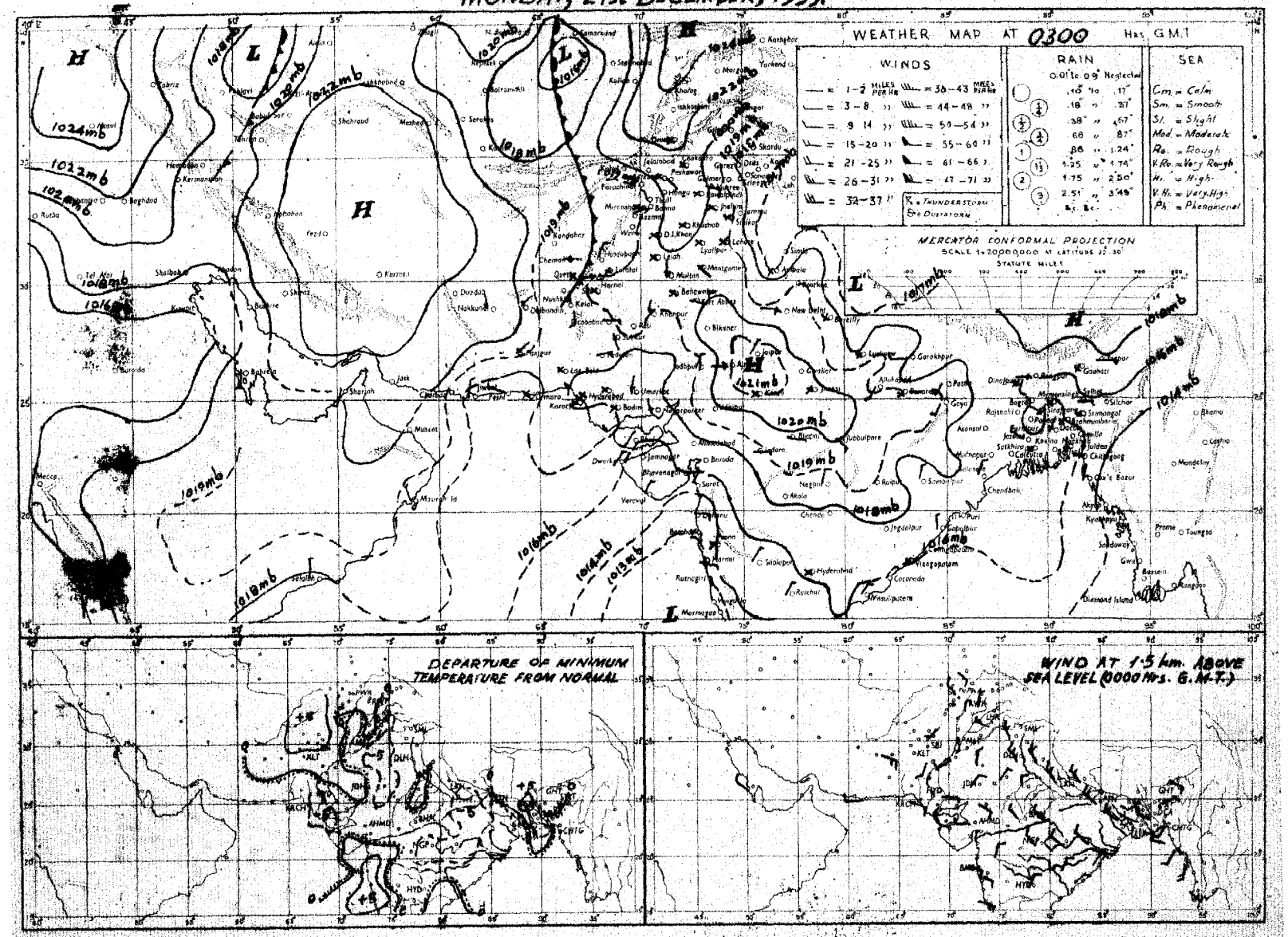
PAKISTAN DAILY WEATHER MAP

MONDAY, 21st DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 22nd DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over east Russian Turkistan moved away northeastwards. Its trough is now moving across Lahore division and adjoining areas.

A fresh western disturbance lies over east Russian Turkistan with its trough extending to D. I. Khan division and neighbourhood.

Weather remained dry over the country.

Night temperatures were 3—5°F above normal in Dacca and Rajshahi divisions and were nearly normal over West Pakistan.

Forecast valid until the evening of 23rd December, 1959. Scattered rain/drizzle may fall in Peshawar, Rawalpindi and Lahore divisions and Kashmir.

EARTHQUAKE REPORT:— An earthquake of severe intensity was recorded by the Seismograph of Geographical Institute, Quetta at 16 hours 24 minutes and 04 seconds W.P.S.T. on 21st December, 1959 with its epicentre about 1500 miles southwest of Quetta near post of Aden at latitude 14½°N and longitude 50½°E. The magnitude of shock was determined to be severe in Ritchers Sketch.

Karachi-11
The 22nd December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	29	02	94	01	0	122	71	0	0	9	0	6	65	78
	Chittagong	000	0	0	31	02	96	00	0	126	70	0	0	9	0	0	62	80
	Maijdee Court	000	0	0	00	00	xx	10	0	130	69	0	0	9	0	0	64	77
	Comilla	000	0	0	00	00	xx	02	0	125	73	0	0	9	0	0	61	80
	Brahmanbaria	000	0	0	00	00	xx	10	1	136	71	0	0	9	0	0	61	79
	Sylhet	000	0	1	00	00	xx	02	0	128	69	1	0	9	7	0	61	78
	Srimangal	000	0	0	00	00	xx	00	0	130	71	0	0	9	0	0	61	79
Dacca	Mymensingh	000	0	0	00	00	97	00	0	134	73	0	0	9	0	0	63	80
	Narayanganj	000	9	0	00	00	xx	05	4	126	71	0	0	9	0	0	59	80
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	128	70	0	0	9	0	0	60	78
	Faridpur	000	0	0	34	02	95	05	0	125	72	0	0	9	0	0	62	75
	Barisal	000	0	0	00	00	96	02	0	129	75	0	0	9	0	0	58	78
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	134	69	0	0	9	0	0	63	77
	Satkhira	000	0	0	00	00	98	00	0	136	61	0	0	9	0	0	59	77
	Jessore	000	0	0	36	02	97	00	0	135	70	0	0	9	0	0	58	76
	Sirajganj	000	0	0	00	00	93	00	0	127	69	0	0	9	0	0	64	78
	Bogra	000	0	0	00	00	xx	02	1	132	69	0	0	9	0	0	61	77
	Dinajpur	000	0	0	00	00	xx	00	0	130	72	0	0	9	0	0	60	79
	Rangpur	000	0	0	00	00	96	00	0	xxx	68	0	0	9	0	0	61	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	96	02	2	172	63	4	0	9	7	6	49	69
	Sialkot	000	3	7	00	00	98	02	1	160	61	7	5	6	0	0	47	66
Rawalpindi	Jhelum	000	8	7	31	02	96	02	2	167	61	4	0	9	1	7	42	66
	Rawalpindi	000	0	6	20	02	98	03	2	173	55	6	0	9	1	0	44	61
	Khushab	000	0	0	00	00	99	00	0	164	70	0	0	9	0	0	47	74
Multan	Lyallpur	000	0	6	00	00	96	02	0	175	66	6	0	9	5	0	47	72
	Montgomery	000	0	2	00	00	96	01	0	167	66	0	0	9	0	2	49	72
	Multan	000	7	2	36	02	96	01	4	168	66	0	0	9	0	1	47	68
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Khanpur	000	0	0	00	00	96	01	0	161	70	0	0	9	0	0	47	76
	Bahawalpur	000	0	3	00	00	97	00	0	168	69	0	0	9	0	2	48	73
	Fort Abbas	000	0	2	00	00	98	02	0	169	72	2	0	9	3	0	48	73
Peshawar	Chakdara	000	0	7	00	00	96	03	1	161	54	7	0	8	6	0	41	55
	Peshawar	000	0	6	00	00	97	01	2	186	60	1	5	7	3	1	44	65
	Haripur	000	4	6	23	04	97	03	2	150	61	6	0	9	7	0	46	66
	Campbellpur	000	0	4	05	02	98	03	0	196	58	4	0	9	7	0	38	xx
D. I. Khan	Bannu	000	0	2	00	00	99	02	0	161	65	2	0	9	8	0	45	68
	D. I. Khan	000	6	0	00	00	98	00	0	166	65	0	0	9	0	0	53	73
Quetta	Sibi	000	0	0	23	02	99	00	0	167	73	0	0	9	0	0	38	75
Kalat	Nokkundi	000	0	0	27	02	99	00	0	140	71	0	0	9	0	0	30	72
	Turbat	000	0	0	27	02	98	00	0	145	80	0	0	9	0	0	44	84
	Jiwani	000	0	1	27	02	97	01	0	153	73	1	0	9	5	0	58	76
	Pasni	000	0	0	16	05	98	00	0	153	75	0	0	9	0	0	59	76
	Ormara	000	0	0	18	03	98	00	0	148	75	0	0	9	0	0	65	78
	Las Bela	000	0	0	00	00	98	00	0	148	81	0	0	9	0	0	41	85
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	27	09	98	01	1	151	78	0	0	9	0	1	67	81
	Karachi (Air Port)	000	0	6	23	03	96	03	0	152	77	0	0	9	0	1	33	82
	Badin	000	0	0	00	00	97	00	0	146	78	0	0	9	0	0	37	83
	Nagarparker	000	0	0	00	00	98	00	0	128	82	0	0	9	0	0	47	85
	Umarkot	000	0	2	31	03	98	02	0	136	80	0	0	9	0	2	25	83
	Hyderabad	000	0	1	36	02	97	03	0	153	76	0	0	9	0	1	43	82
Khairpur	Pad-i-dan	000	0	1	29	02	97	01	0	151	76	0	0	9	0	1	37	80
	Nawabshah	000	0	2	00	00	97	03	0	159	76	0	0	9	0	1	40	81
	Sukkur	000	0	1	00	00	96	01	0	151	73	0	0	9	0	3	39	81
	Kashmore	000	0	0	00	00	99	00	0	155	xx	0	0	9	0	0	34	73
	Jacobabad	000	0	1	09	02	98	02	0	155	75	0	0	9	0	1	43	78
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	09	02	98	02	1	523	42	2	3	5	5	0	24	46
Peshawar	Drosh *	000	8	8	00	00	97	03	2	550	36	8	0	9	1	x	33	41
	Cherat *	000	0	5	36	07	98	03	1	523	48	3	1	6	0	8	20	51
	Kakul *	000	8	7	34	03	96	04	2	516	50	2	5	7	4	1	37	55
	Landi Kotal *	000	0	4	00	00	98	01	2	509	48	0	0	9	0	4	34	51
D. I. Khan	Parachinar *	000	0	0	23	02	99	00	0	504	51	0	0	9	0	0	xx	55
	Miranshah *	000	0	0	00	00	99	00	0	497	56	0	0	9	0	0	37	62
	Wana *	000	0	0	20	02	99	00	0	498	54	0	0	9	0	0	23	59
Quetta	Fort Sandeman *	000	0	0	27	03	98	00	0	516	69	0	0	9	0	0	12	63
	Hindubagh *	000	0	0	25	06	98	00	0	485	53	0	0	9	0	0	21	53
	Loralai *	000	0	0	13	03	98	00	0	364	56	0	0	9	0	0	52	59
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	491	58	0	0	9	0	0	27	61
	Chaman *	000	0	0	23	02	96	00	0	502	60	0	0	9	0	0	18	62
Kalat	Kalat *	000	0	1	25	09	97	01	1	515	49	0	0	9	0	1	13	57
	Nushki *	000	0	2	31	05	98	01	1	617	63	0	0	9	0	2	54	64
	Dalbandin *	000	0	6	27	03	98	03	1	513	68	0	0	9	0	4	39	71
	Panjgur *	000	0	0	23	03	98	00	0	515	68	0	0	9	0	0	23	69
Afghanistan	Kabul *	000	0	4	18	02	98	02	1	561	36	4	2		0	0	26	41
	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	Cox's Bazar	000	0	2	07	02	97	03	0	161	73	1	1	7	0	4	65	59
	Chittagong	000	0	0	07	05	96	00	0	170	69	0	0	9	0	0	63	58
	Maijdee Court	000	9	0	00	00	98	00	0	169	69	0	0	9	0	0	63	65
	Comilla																	
	Brahmanbaria	000	0	8	05	02	97	03	1	178	64	3	5	5	0	0	63	57
	Sylhet	000	0	0	09	05	96	02	0	170	68	0	0	9	0	0	56	54
	Srimangal	000	4	0	00	00	96	00	4	169	65	0	0	9	0	0	60	49
Dacca	Mymensingh	000	0	0	00	00	97	00	0	180	66	0	0	9	0	0	61	58
	Narayanganj	000	0	0	34	02	94	10	4	175	68	0	0	9	0	0	61	59
	Dacca (Tezgaon)	000	0	0	36	03	96	01	0	168	65	0	0	9	0	0	59	57
	Faridpur	000	9	0	34	03	94	10	0	178	66	0	0	9	0	0	58	58
	Barisal	000	4	0	05	01	96	02	4	165	66	0	0	9	0	0	59	59
Rajshahi	Khulna	000	0	0	05	05	96	00	0	176	66	0	0	9	0	0	58	59
	Satkhira	000	0	0	36	02	98	00	0	178	66	0	0	9	0	0	56	47
	Jessore	000	0	0	05	05	97	00	0	175	63	0	0	9	0	0	56	55
	Sirajganj	000	0	0	31	03	98	00	0	177	67	0	0	9	0	0	60	56
	Bogra	000	0	0	36	03	96	00	0	178	64	0	0	9	0	0	56	56
	Dinajpur	000	0	0	00	00	96	00	0	169	64	0	0	9	0	0	51	54
	Rangpur	000	0	0	00	00	96	01	0	xxx	61	0	0	9	0	0	57	57
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	191	41	0	0	9	0	0	41	39
	Sialkot	000	0	3	00	00	97	02	0	160	51	3	0	9	4	0	42	42
Rawalpindi	Jhelum	000	0	6	00	00	95	10	0	178	43	2	0	7	3	0	39	39
	Rawalpindi	000	0	4	00	00	98	02	0	198	39	0	0	9	0	8	35	37
	Khushab	000	0	3	00	00	99	02	1	189	46	3	3	7	0	0	40	40
Multan	Lyallpur	000	0	5	00	00	94	05	4	166	41	0	0	9	0	4	40	40
	Montgomery	000	0	0	00	00	96	10	0	182	40	0	0	9	0	0	39	40
	Multan	000	0	2	00	00	94	46	0	179	48	0	0	9	0	1	35	42
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	186	44	0	0	9	0	0	28	38
	Khanpur	000	0	0	00	00	95	02	0	180	43	0	0	9	0	0	38	43
	Bahawalpur	000	0	0	00	00	98	00	0	186	50	0	0	9	0	0	42	40
	Fort Abbas	000	0	0	00	00	98	00	0	176	40	0	0	9	0	0	35	xx
Peshawar	Chakdara	000	0	3	00	00	96	01	2	200	38	6	0	8	4	0	33	36
	Peshawar	000	0	1	00	00	97	01	0	197	41	0	0	9	0	1	36	40
	Haripur	000	3	4	23	03	97	03	1	176	42	0	0	9	0	8	31	39
	Campbellpur	000	0	2	00	00	98	01	0	231	40	2	0	9	1	0	37	38
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	184	41	0	0	9	0	0	36	40
	D. I. Khan	000	0	0	00	00	98	00	0	182	40	0	0	9	0	0	39	38
Quetta	Sibi	000	0	0	00	00	99	00	0	197	45	0	0	9	0	0	38	44
Kalat	Nokkundi	000	0	0	05	02	99	00	0	248	41	0	0	9	0	0	29	40
	Turbat	000	0	0	09	02	97	00	0	195	51	0	0	9	0	0	42	xx
	Jiwani	000	0	1	00	00	97	02	0	186	59	0	0	9	0	1	53	59
	Pasni	000	0	4	29	03	98	00	0	178	57	0	0	9	0	8	52	51
	Ormara	000	0	0	00	00	99	00	0	175	56	0	0	9	0	0	53	53
	Las Bela	000	0	0	00	00	98	00	0	189	61	0	0	9	0	0	38	46
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	02	07	97	02	0	182	58	0	0	9	0	0	45	56
	Karachi (Air Port)	000	0	0	00	00	96	02	0	179	47	0	0	9	0	0	43	44
	Badin	000	0	0	23	02	xx	00	0	176	47	0	0	9	0	0	41	46
	Nagarparker	000	0	0	00	00	98	00	0	168	60	0	0	9	0	0	46	53
	Umarkot	000	0	0	36	02	98	00	0	164	41	0	0	9	0	0	36	40
	Hyderabad	000	0	0	36	02	97	02	0	178	51	0	0	9	0	0	40	49
Khairpur	Pad-i-dan	000	0	0	00	00	96	02	0	187	43	0	0	9	0	0	41	39
	Nawabshah	000	0	0	36	02	97	02	0	190	45	0	0	9	0	0	38	43
	Sukkur	000	2	0	00	00	94	05	4	180	46	0	0	9	0	0	44	44
	Kashmore	000	0	0	00	00	99	00	0	185	46	0	0	9	0	0	34	40
	Jacobabad	000	0	0	00	00	98	02	0	182	48	0	0	9	0	0	39	46
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	6	11	02	97	02	1	514	39	4	0	9	5	4	18	33
Peshawar	Drosh *	000	9	2	00	00	97	03	2	541	28	2	0	9	3	0	27	27
	Cherat *	000	0	0	36	08	98	00	0	509	45	0	0	9	0	0	21	42
	Kakul *	000	0	7	36	02	95	04	2	511	44	1	5	7	4	0	27	42
	Landi Kotal *	000	0	1	00	00	99	01	0	498	35	0	0	9	0	1	28	35
D. I. Khan	Parachinar *	000	0	0	36	03	98	00	0	530	34	0	0	9	0	1	21	30
	Miranshah *	000	0	0	00	00	99	00	0	477	38	0	0	9	0	0	27	34
	Wana *	000	0	0	00	00	99	00	0	503	34	0	0	9	0	0	25	30
Quetta	Fort Sandeman *	000	0	0	00	00	98	00	0	536	36	0	0	9	0	0	28	34
	Hindubagh *	000	0	0	25	03	98	00	0	519	38	0	0	9	0	0	22	37
	Loralai *	000	0	0	23	03	99	00	0	347	35	0	0	9	0	0	33	34
	Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	97	00	0	550	38	0	0	9	0	0	28	32
	Chaman *	000	0	0	00	00	97	00	0	506	39	0	0	9	0	0	29	37
Kalat	Kalat *	000	0	0	18	02	98	00	0	560	32	0	0	9	0	0	25	26
	Nushki *	000	0	0	09	05	98	02	0	587	45	0	0	9	0	0	33	41
	Dalbandin *	000	9	0	00	00	97	02	1	524	36	0	0	9	0	0	33	35
	Panjgur *	000	0	0	05	02	98	00	0	509	40	0	0	9	0	0	23	36
Afghanistan	Kabul *	000	0	0	32	05	99	00	0	577	27	0	0	9	0	0	25	22
	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 November, 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual Normal (42)
Chittagong	Cox's Bazar	− 1	+ 2	1.7	− 2.4	142.8	140
	Chittagong	+ 3	+ 2	1.4	− 1.4	143.4	108
	Maijdee Court	− 1	− 2	0.1	− 1.7	144.7	115
	Comilla						94
	Brahmanbaria	+ 4	—	0	− 1.3	85.2	76
	Sylhet	—		0		193.9	—
	Srimangal	− 1	+ 2	0	− 1.6	109.4	98
Dacca	Mymensingh	+ 4	+ 4	0	− 0.9	113.3	91
	Narayanganj	+ 3	+ 3	0	− 1.1	103.9	74
	Dacca (Tezgaon)	—		0	—	103.6	—
	Faridpur	0	+ 5	0	− 1.3	116.6	71
	Barisal	+ 1	− 4	0	− 1.8	140.5	81
Rajshahi	Khulna	0	+ 5	0	− 1.3	102.8	68
	Satkhira	− 2	+ 4	0	− 1.9	82.1	65
	Jessore	—	—	0	− 1.1	105.8	65
	Sirajganj	+ 3	+ 3	0	− 0.8	107.7	64
	Bogra	+ 2	+ 3	0	− 0.8	104.4	69
	Dinajpur	+ 5	+ 5	0	− 0.5	66.9	72
	Rangpur	2	+ 7	0	− 0.5	92.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	− 2	0	1.1	+ 0.8	27.1	19
	Sialkot	− 1	+ 3	3.1	+ 2.7	61.8	32
Rawalpindi	Jhelum	—	—	5.1	—	55.3	—
	Rawalpindi	− 4	0	4.4	+ 3.4	56.7	36
	Khushab	+ 4	− 1	1.1	+ 0.7	23.5	15
Multan	Lyallpur	+ 4	0	0.4	+ 0.1	18.6	12
	Montgomery	+ 2	− 1	0.1	− 0.1	8.5	10
	Multan	− 1	+ 1	0.1	− 0.1	8.3	7
Bahawalpur	Leiah		—	2.5	—	7.0	8
	Khanpur	+ 3	0	0	− 0.2	1.4	6
	Bahawalpur	0	0	0.1	− 0.1	6.6	6
	Fort Abbas	—	—	1.0	—	10.2	4
Peshawar	Chakdara	—	—	5.1	—	33.5	—
	Peshawar	0	1	5.9	+ 5.2	29.2	14
	Haripur	—	—	4.5	—	35.7	—
	Campbellpur	—	—	5.3	—	41.2	—
D. I. Khan	Bannu	—	—	3.2	—	16.1	11
	D. I. Khan	+ 3	− 1	1.8	+ 1.5	16.7	10
Quetta	Sibi	—	—	4.1	—	9.4	5
Kalat	Nokkundi	—	—	0.7	—	1.8	2
	Turbat	—	—	1.8	—	9.1	—
	Jiwani	—	—	1.7	—	8.4	4
	Pasni	− 1	− 2	0.4	− 0.6	13.5	6
	Ormara	—	—	5.9	+ 5.7	9.9	6
	Las Bela	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 4	− 2	1.6	+ 1.5	18.1	8
	Karachi (Air Port)	—		3.3	—	26.2	—
	Badin	+ 4	− 4	0.3	+ 0.1	11.5	9
	Nagarparker	—	—	0	—	30.5	—
	Umarkot	—	—	0.5	—	20.8	—
	Hyderabad	+ 5	− 2	0.5	+ 0.5	19.6	7
Khairpur	Pad-i-dan	—	—	0.3	—	7.9	—
	Nawabshah	—	—	0.3	—	7.5	—
	Sukkur	—	—	0.8	—	5.3	4
	Kashmore	—	—	1.3	—	3.4	—
	Jacobabad	+ 5	+ 2	0.3	+ 0.1	4.7	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						
	Gilgit *						5
Rawalpindi	Murree *	− 1	0	6.8	+ 5.0	85.2	59
Peshawar	Drosh *	− 8	− 6	11.0	—	41.6	18
	Cherat *	− 1	+ 1	7.4	+ 6.1	38.8	29
	Kakul *	—	—	5.9	—	61.0	—
	Landi Kotal *	—	—	5.7	—	34.5	—
D. I. Khan	Parachinar *	—	—	8.1	—	36.2	29
	Miranshah *	—	—	1.5	+ 0.9	8.5	13
	Wana *	—	—	1.6	—	15.7	—
Quetta	Fort Sandeman *	+ 2	− 5	5.3	+ 4.9	21.2	11
	Hindubagh *	—	—	7.2	—	20.2	—
	Loralai *	—	—	4.1	—	16.7	—
	Harnai *	—	—	6.3	+ 5.6	19.1	14
	Quetta *	—	—	2.9	+ 1.9	13.2	8
	Chaman *	+ 8	+ 2	2.8	+ 1.5	9.0	7
Kalat	Kalat *	+ 5	0	2.7	+ 1.8	14.6	9
	Nushki *	—	—	1.4	—	4.3	—
	Dalbandin *	+ 8	+ 4	1.2	+ 0.7	3.5	5
	Panjgur *	+ 4	− 1	0.3	—	4.4	14
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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 22nd DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Samoiro	23 251	581 00	0 00.00	98 00 0	058 68	00 9 00	35 40 0	...	0 58 59	1 00 x0
Dwarka	23 206	706 00	0 07 09	98 02 0	130 75	00 9 00	75 40 0	...	0 00 55	1 07 33
Dwarka	23 213	695 06	0 04 13	98 02 0	156 73	00 9 00	75 22 6	...	0 48 55	1 04 23
Arlanc	23 209	590 06	1 33 05	99 02 0	195 70	11 5 00	15 11 1	...	0 56 66	1 33 20
Daraina	23 239	594 12	0 32 05	99 02 0	164 73	00 9 00	25 40 0	...	...	...
Ariana	23 220	598 12	0 03 05	99 02 0	158 72	00 0 00	15 73 7	...	0 53 60	1 03 21
Dwarka	23 225	585 12	1 00 [illegible]	98 02 0	160 72	10 9 30	75 40 0	...	0 51 60	7 32 22
Janoo	23 226	599 12	0 02 02	99 01 0	105 73	00 0 00	...	856 27	0 53 64	1 02 20
World Health	23 257	558 18	0 09 04	99 02 0	202 73	00 0 00	...	852 05	0 56 60	1 09 21
Dwarka	23 234	676 18	0 33 10	96 05 0	165 73	00 0 00	...	...	0 01 59	1 34 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	00 00	Miss	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	013 095 999	131 145 098	...	146 142 999	...	313 068 999	438 005 999	583 558 999	753 098 999	959 875	230 948	412 053	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	973 082 055	...	...	147 088 002	...	306 015 008	428 572 635	567 675 999	731 778 999	933 878	206 875	392 005	654 030

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	Miss	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 098 025	800 072 545	350 828 999	250 925 999	080 040 999	...	...	...	...	080 040 999	...	...
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)									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 ...	33 05	34 04	33 04	03 08	...	18 10	23 27	...	...	36 17	01 10	02 07	14 02	28 10	28 18	35 04	35 05	02 06	27 07	26 12	27 15	25 18	27 31	27 40	...	...
Chakala ...	...	32 03	30 04	19 01	22 03											...	...	...	...	...	...	...	...	...	...	...
Chhor ...	34 04	36 04	01 05	03 07	30 05	25 12	24 13	28 27	26 29	02 07	36 05	31 03	29 08	27 10	27 20	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	17 07	04 06	16 04	24 04	27 11	...	...		..	04 07	03 04	02 03	21 06	23 10	25 12	25 02	24 03	17 06	20 09	24 10	24 10	25 15	24 19	23 25	...	...
Cox's Bazar ...	34 14	02 06	10 06	31 01	31 04				..	05 03	18 05	21 06	21 06	25 07	24 07	08 01	17 07	19 12	20 07	24 05	25 06	24 15	22 31	23 31	...	...
Dacca ...	35 03	36 04	02 07	32 04	28 13	27 19	26 26	25 33	..	36 07	04 05	04 04	27 05	26 11	26 16	36 02	02 05	36 05	29 06	26 07	26 13				...	...
Dalbandin ...	...	...	26 02	24 07	23 08	25 14	27 36	17 46	27 47	...	...	09 14	35 09	32 15	32 22	...	...	07 08	06 12	36 15	34 23	31 33	30 47	30 56	30 59	29 65
D. I. Khan ...	...	...	...	...				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 06	01 10	10 03			...	...	...	14 02	16 07	09 08	...	...	...	...	05 04	03 07	01 12	01 20	36 20	36 21	33 31
Fort Sandeman ...	...	...	25 07	19 07	27 07	25 31	25 39	26 45		...	...	...	23 05	32 11	31 20	...	...	...	33 07	32 07	35 18	30 40	31 71	30 82	...	...
Jacobabad ...	12 03	17 03	20 07	21 13	24 17	25 29	26 43	...	...	19 08	32 03	26 04	27 13	31 09	34 05	32 03	35 06	32 08	32 08	31 15	30 31	...	...	...	...	...
Jessore ...	33 09	34 09	01 08	36 08	30 12	08 16	...	...	...	36 17	02 10	04 07	33 04	27 05	26 17	01 05	02 04	02 03	26 05	28 08	27 13	24 13	26 16	25 32	23 62	...
Jhelum ...	31 06	03 08	34 07	34 02	33 03	21 04	24 23	...	...	34 06	32 10	28 05	26 01	26 02	27 06	34 06	32 12	33 05	15 04	13 06	12 07	22 17	24 17	24 18	...	...
Jiwani ...										31 10	32 05	02 06	05 09	06 07		36 05	05 04	08 10	08 17	07 10	32 10	31 26	32 35	32 35	...	...
Karachi ...	20 04	02 02	35 01	22 03	24 06	27 16	27 17	28 27	27 35	26 04	02 03	06 04	29 10	27 13	27 23	33 06	34 05	36 06	35 11	33 07	30 16	30 31	30 42	30 32	31 43	30 46
Khanpur ...	07 01	25 03	23 07	21 11	22 13	23 17	25 22	27 38	28 43	02 07	34 12	26 07	24 41	25 27	23 25	25 06	27 10	27 11	30 10	28 13	28 15	30 43	30 60	...	...	...
Lahore ...	31 05	33 06	33 08	28 09	29 12	27 07	26 18	...	...	34 03	39 04	25 05	27 04	27 11	26 13	24 01	26 04	25 06	25 07	26 10	25 13	25 20	24 25	27 29	26 47	...
Multan ...	04 06	14 04	19 03	24 13	24 18	25 20	23 40	24 44	25 52	32 03	29 03	24 08	25 15	25 18	27 08	30 01	02 01	32 04	31 11	30 09	28 12	27 23	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	21 03	24 03	33 10	28 01	09 03	25 19	24 28		...	...	...	...	...	...	...	10 03	28 02	33 18	33 13	34 10	26 15	31 10	31 15	...	...
Quetta ...	...	...	...	...	25 15	22 14	27 39	26 52	26 49	...	...	...	...	21 03	24 19	...	...	...	...	32 08	xx xx	32 54	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 03	06 02	07 03	06 07	27 09	25 22	...	...	...	07 13	06 05	10 05	12 08	24 08	25 19	08 05	07 07	09 09	11 05	25 10	26 19	27 17	27 30	25 35	24 73	...
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 ...	Miss																	
Karachi ...	36 06	36 34	02 05	33 03	30 14	25 23	29 37	29 39	30 39	31 45	31 61	31 60	30 69	29 58	...	...	...	...
Peshawar ...	Miss	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

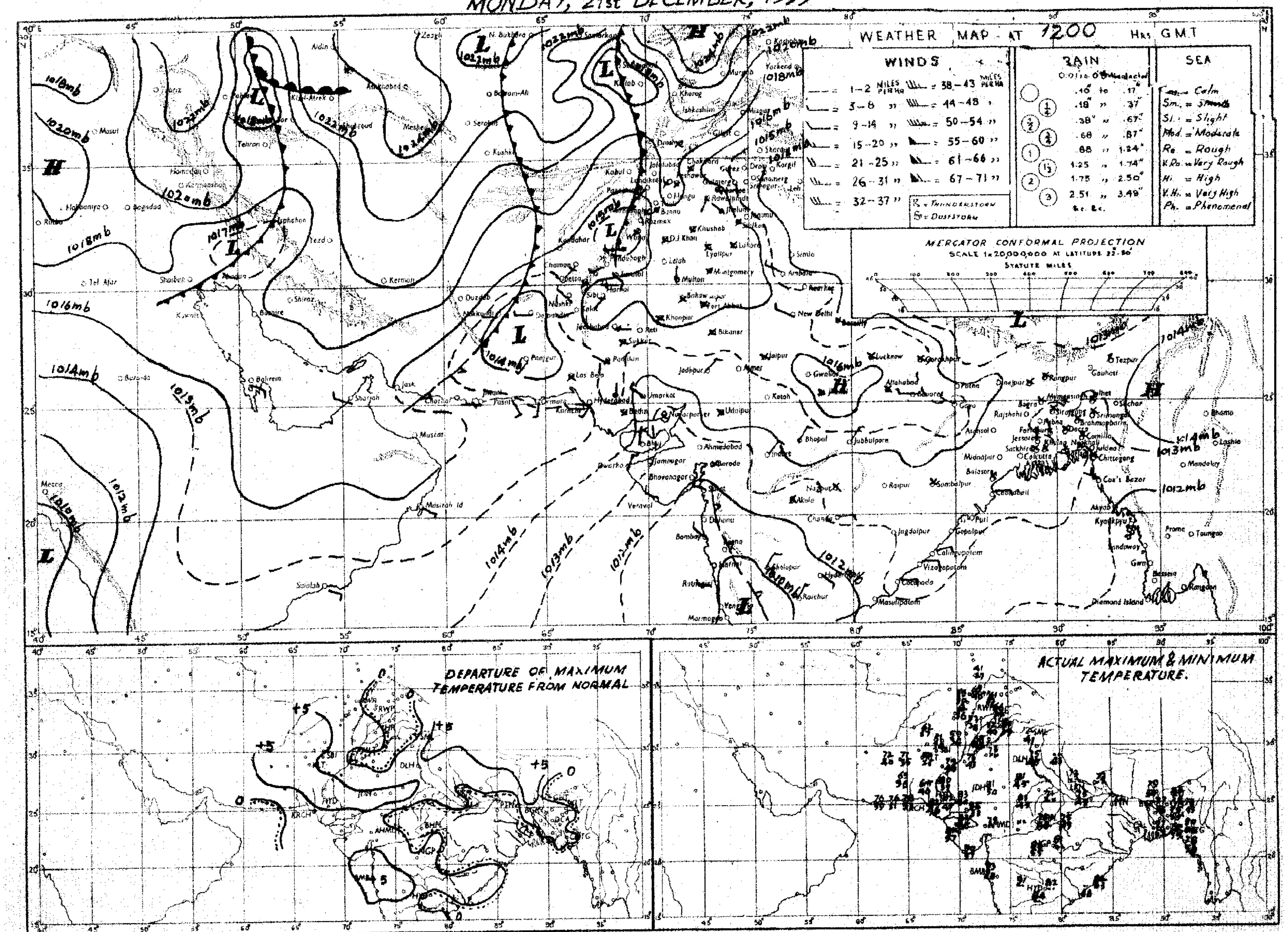
Cloud observation Data (GGiii Cdd V,V, etc.)

06 598 32 208

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—18.

PAKISTAN DAILY WEATHER MAP

MONDAY, 21st DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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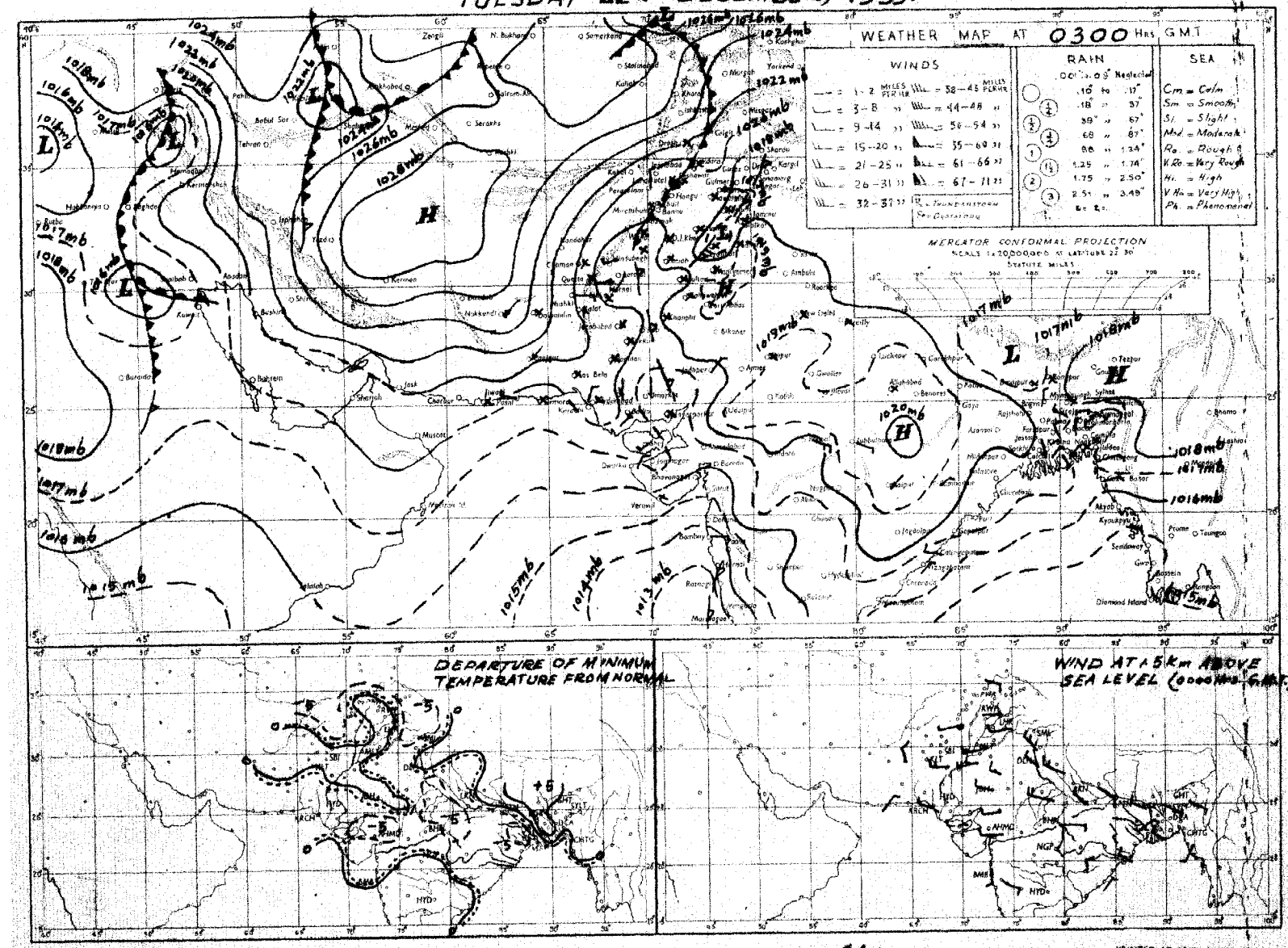
PAKISTAN DAILY WEATHER MAP

TUESDAY 22nd DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 23rd DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over east Russian Turkistan moved away Eastwards with its trough now moving across Rawalpindi division and adjoining areas.

A fresh western disturbance lies over Russian Turkistan northwest of Afghanistan.

Weather remained dry over the country.

Night temperatures were 3—6°F above normal over Esat Pakistan and were nearly over West Pakistan outside the Federal Capital Area where they were 6°F below normal

Forecast valid until the evening of 24th December, 1959. Weather will be dry over the Country.

Karachi-11
The 23rd December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature of	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature of	Maximum temperature of	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature of	Minimum Temperature of	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
		RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	29	02	94	01	0	133	71	0	0	9	0	0	66	79	000	0	2	02	02	97	03	0	164	71	1	1	7	5	0	65	59	0	+ 2	1.7	— 2.4	142.8	140
	Chittagong	000	0	0	34	05	96	00	0	137	70	0	0	9	0	0	62	80	000	0	0	00	00	96	00	0	172	70	0	0	9	0	0	64	57	+ 3	+ 1	1.4	— 1.4	143.4	108
	Maijdee Court	000	0	0	00	00	96	00	0	137	70	0	0	9	0	0	64	77	000	9	0	00	00	98	00	0	170	69	0	0	9	0	0	63	58	— 1	0	0.1	— 1.7	144.7	115
	Comilla	000	0	0	00	00	xx	02	0	130	70	0	0	9	0	0	62	80	000	0	0	00	00	97	00	0	164	66	0	0	9	0	0	63	57	+ 4	+ 4				94
	Brahmanbaria	000	0	0	05	02	xx	00	1	142	71	0	0	9	0	0	62	80	000	0	0	00	00	97	00	4	176	71	0	0	9	0	0	61	57	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	1	00	00	xx	02	0	140	69	1	0	9	7	0	60	79	000	0	0	09	05	97	02	0	168	68	0	0	9	0	0	54	54	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	140	65	0	0	9	0	0	61	81	000	3	0	00	00	96	00	4	169	61	0	0	9	0	0	59	49	+ 1	+ 2	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	145	74	0	0	9	0	0	63	81	000	0	0	00	00	97	00	0	179	67	0	0	9	0	0	59	56	+ 5	+ 2	0	— 1.0	113.3	91
	Narayanganj	000	0	0	00	00	xx	05	4	139	73	0	0	9	0	0	61	81	000	9	0	00	00	94	10	4	170	65	0	0	9	0	0	60	58	+ 4	+ 2	0	— 1.1	103.9	74
	Dacca (Tezgaon)	000	0	0	31	02	97	02	0	138	70	0	0	9	0	0	60	78	000	0	0	00	02	96	02	4	168	65	0	0	9	0	0	61	52	—	—	0	—	103.6	—
	Faridpur	000	9	0	00	00	94	10	0	136	69	0	0	9	0	0	58	75	000	9	0	00	00	94	10	0	178	65	0	0	9	0	0	59	59	0	+ 6	0	— 1.3	116.6	71
	Barisal	000	0	0	00	00	96	02	0	142	73	0	0	9	0	0	68	78	000	0	0	36	02	97	02	1	191	67	0	0	9	0	0	59	58	+ 1	+ 3	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	147	71	0	0	9	0	0	64	77	000	0	0	05	05	96	00	0	179	67	0	0	9	0	0	59	59	0	+ 3	0	— 1.3	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	149	68	0	0	9	0	0	60	78	000	0	0	36	03	98	00	0	183	66	0	0	9	0	0	57	55	— 1	+ 4	0	— 1.9	82.1	65
	Jessore	000	0	0	00	00	97	00	0	150	72	0	0	9	0	0	62	75	000	0	0	31	05	97	00	0	177	63	0	0	9	0	0	58	52	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	00	00	93	00	0	131	67	0	0	9	0	0	60	76	000	0	0	00	00	98	00	0	177	67	0	0	9	0	0	60	59	+ 1	+ 6	0	— 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	00	0	140	69	0	0	9	0	0	61	78	000	0	0	36	03	96	02	0	175	65	0	0	9	0	0	58	59	+ 3	+ 6	0	— 0.8	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	149	69	0	0	9	0	0	57	79	000	0	0	00	00	96	00	0	167	66	0	0	9	0	0	57	56	+ 5	+ 7	0	— 0.5	66.9	72
	Rangpur	000	0	1	00	00	96	01	0	xxx	68	1	0	9	1	0	61	77	000	0	0	05	04	96	02	0	xxx	63	0	0	9	0	0	59	55	+ 2	+ 5	0	— 0.5	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	169	64	1	0	9	3	0	45	71	000	0	0	00	00	94	10	0	216	43	0	0	9	0	0	41	39		0	0	1.3	+ 0.7	27.1	19
	Sialkot	000	0	1	00	00	98	01	0	159	64	0	0	9	0	0	46	64	000	0	0	00	00	97	00	0	207	48	0	0	9	0	0	41	42	— 3	+ 1	3.1	+ 2.5	61.8	32
Rawalpindi	Jhelum	000	0	1	00	00	96	01	2	164	63	1	0	9	3	0	46	71	000	0	0	20	02	95	10	0	210	42	0	0	9	0	0	40	39	—	—	5.1	—	55.3	—
	Rawalpindi	000	0	0	20	02	99	00	0	170	57	0	0	9	0	0	43	64	000	0	0	00	00	98	00	0	231	38	0	0	9	0	0	37	36	— 1	— 1	4.4	+ 3.4	56.7	36
	Khushab	000	0	0	00	00	96	00	0	163	69	0	0	9	0	0	49	70	000	0	0	00	00	99	00	0	208	44	0	0	9	0	0	34	44	0	+ 3	1.1	+ 0.7	23.5	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	161	66	0	0	9	0	0	47	72	000	0	0	00	00	95	00	0	216	39	0	0	9	0	0	39	39	+ 4	— 1	0.4	+ 0.1	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	165	67	0	0	9	0	0	47	72	000	0	0	36	02	96	00	0	212	41	0	0	9	0	0	36	38	+ 2	— 3	0.1	— 0.1	8.5	10
	Multan	000	6	0	00	00	96	02	4	168	68	0	0	9	0	0	41	71	000	0	0	00	00	93	46	0	221	42	0	0	9	0	0	37	40	+ 2	— 3	0.1	— 0.1	8.3	7
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	04	0	192	43	0	0	9	0	0	39	39		—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	95	02	0	157	72	0	0	9	0	0	49	77	000	0	0	00	02	95	02	0	215	46	0	0	9	0	0	41	43	+ 4	0	0	— 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	98	00	0	154	70	0	0	9	0	0	48	75	000	0	0	00	00	96	40	0	221	47	0	0	9	0	0	40	40	+ 2	0	0.1	— 0.1	6.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	161	71	0	0	9	0	0	41	78	000	0	0	00	00	98	00	0	216	47	0	0	9	0	0	20	37		—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	96	02	1	150	58	0	0	9	0	0	41	61	000	0	0	00	00	97	00	0	237	37	0	0	9	0	0	35	36	—	—	5.1	—	33.5	—
	Peshawar	000	0	1	00	00	97	02	0	179	62	1	1	6	0	0	37	66	000	0	0	23	02	97	02	0	228	41	0	0	9	0	0	33	41	+ 1	— 2	5.9	+ 5.1	29.2	14
	Haripur	000	0	1	00	00	97	02	1	143	63	1	1	6	0	0	48	70	000	0	0	05	06	97	00	0	223	42	0	0	9	0	0	35	36	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	00	00	98	00	0	188	61	0	0	9	0	0	40	66	000	0	0	05	02	98	00	0	258	42	0	0	9	0	0	37	37	—	—	5.3	—	41.2	—
D. I. Khan	Bannu	000	0	0	20	01	99	00	0	159	65	0	0	9	0	0	44	66	000	0	0	34	01	99	00	0	209	42	0	0	9	0	0	35	40		—	3.2	—	16.1	11
	D. I. Khan	000	6	0	00	00	98	00	0	166	65	0	0	9	0	0	53	73	000	0	0	00	00	98	00	0	214	44	0	0	9	0	0	38	39	+ 3	0	1.8	+ 1.5	16.7	10
Quetta	Sibi	000	0	0	18	02	99	00	0	163	77	0	0	9	0	0	42	78	000	0	0	00	00	99	00	0	227	43	0	0	9	0	0	37	42	—	—	4.1	—	9.4	5
Kalat	Nokkundi	000	0	0	00	00	99	00	0	183	70	0	0	9	0	0	35	70	000	0	0	07	02	98	00	0	254	40	0	0	9	0	0	30	40	—	—	0.7	—	1.8	2
	Turbat	000	0	0	09	03	98	00	0	168	82	0	0	9	0	0	34	85	000	0	0	09	02	97	00	0	203	60	0	0	9	0	0	35	xx	—	—	1.8	—	9.1	—
	Jiwani	000	0	2	31	03	97	00	0	167	78	0	0	9	0	1	46	93	000	0	0	02	03	97	02	0	155	60	0	0	9	0	0	28	57	—	—	1.7	—	8.4	4
	Pasni	000	0	5	16	07	98	00	0	159	78	5	0	9	0	8	51	80	000	0	6	31	02	98	02	1	190	57	0	0	9	0	0	42	55	+ 3	+ 2	0.4	— 0.6	13.5	6
	Ormara	000	0	3	13	02	98	00	0	152	80	3	0	9	2	0	44	82	000	0	0	00	00	98	00	0	195	61	0	0	9	0	0	54	53	—	—	5.9	+ 5.6	9.9	6
	Las Bela	000	0	0	00	00	98	02	0	186	86	0	0	9	0	0	44	88	000	0	0	xx	xx	98	02	0	190	62	0	0	9	0	0	38	44	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	27	10	98	02	0	157	77	0	0	9	0	0	68	80	000	0	0	02	07	96	02	0	207	54	0	0	9	0	0	35	52	+ 3	— 6	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	0	20	02	97	02	0	158	75	0	0	9	0	0	53	82	000	0	4	00	00	97	03	0	205	50	0	0	9	0	0	37	48	—	—	3.3	—	26.2	—
	Badin	000	0	0	00	00	97	00	0	153	79	0	0	9	0	0	55	82	000	0	0	23	02	96	00	0	188	49	0	0	9	0	0	43	48	+ 3	— 2	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	158	81	0	0	9	0	0	46	84	000	0	0	00	00	98	00	0	185	62	0	0	9	0	0	47	55	—	—	0	—	30.5	—
	Umarkot	000	0	0	29	02	98	00	0	143	78	0	0	9	0	0	53	81	000	0	0	02	02	98	00	0	193	45	0	0	9	0	0	25	41	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	03	97	02	0	162	75	0	0	9	0	0	44	79	000	0	0	36	03	97	02	0	208	55	0	0	9	0	0	43	53	+ 2	+ 2	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan	000	0	0	31	03	96	02	0	160	75	0	0	9	0	0	45	75	000	0	1	00	00	96	01	0	212	47	0	0	9	0	0	41	41	—	—	0.3	—	7.9	—
	Nawabshah	000	0	0	00	00	96	00	0	157	73	0	0	9	0	0	51	77	000	0	2	00	00	96	02	0	218	46	0	0	9	0	0	39	42	—	—	0.3	—	7.5	—
	Sukkur	000	6	0	00	00	96	00	0	157	73	0	0	9	0	0	54	74	000	0	1	06	02	96	02	0	211	53	0	0	9	0	0	45	45	—	—	0.8	—	5.8	4
	Kashmore	000	0	0	xx	xx	98	00	0	155	71	0	0	9	0	0	43	77	000	0	0	00	00	99	00	0	212	44	0	0	9	0	0	37	42	—	—	1.3	—	3.4	—
	Jacobabad	000	0	0	27	02	98	02	0	164	76	0	0	9	0	0	43	77	000	0	1	31	02	97	03	0	219	46	0	0	9	0	0	41	46	+ 4	+ 2	0.3	+ 0.1	4.7	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu **																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	0	05	02	99	00	1	522	39	0	0	9	0	0	28	46	000	0	0	07	02	98	00	0	543	37	0	0	9	0	0	24	34	— 1	+ 1	6.8	+ 5.9	85.2	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	542	36	0	0	9	0	0	25	48	000	0	0	00	00	97	02	0	582	28	0	0	9	0	0	27	26	— 1	— 7	11.0	—	41.6	18
	Chitral *	000	0	0	36	05	98	00	0	526	48	0	0	9	0	0	24	54	000	0	0	36	07	98	00	0	541	44	0	0	9	0	0	22	43	+ 2	+ 2	7.4	+ 6.1	38.8	29
	Kakul *	000	8	1	18	02	96	04	1	517	52	1	2	7	0	1	37	59	000	0	0	05	03	97	02	0	537	41	0	0	9	0	0	28	39	—	—	5.9	—	61.0	—
D. I. Khan	Landi Kotal *	000	0	0	00	00	99	00	0	511	50	0	0	9	0	0	28	55	000	0	0	00	00	98	00	0	526	38	0	0	9	0	0	26	35	—	—	5.7	—	34.5	—
	Parachinar *	000	0	0	09	02	99	00	0	501	53	0	0	9	0	0	25	56	000	0	0	36	02	98	00	0	555	34	0	0	9	0	0	30	30	+ 4	0	8.1	—	36.2	29
	Miranshah *	000	0	0	00	00	99	00	0	499	57	0	0	9	0	0	29	63	000	0	0	00	00	99	00	0	495	38	0	0	9	0	0	20	35	—	—	1.5	+ 0.9	8.5	13
	Wana *	000	0	0	29	07	99	00	0	490	58	0	0	9	0	0	xx	59																							—
Quetta	Fort Sandeman *	000	0	0	36	02	98	00	0	513	58	0	0	9	0	0	18	60	000	0	0	00	00	98	00	0	555	35	0	0	9	0	0	27	32	— 1	+ 3	5.3	+ 4.8	21.2	11
	Hindubagh *	000	0	0	25	09	98	00	0	501	48	0	0	9	0	0	23	52	000	0	0	23	03	98	00	0	576	31	0	0	9	0	0	14	30	—	—	7.2	—	20.2	—
	Loralai *	000	0	0	27	03	99	00	0	354	60	0	0	9	0	0	57	61	000	0	0	27	03	98	00	0	320	31	0	0	9	0	0	28	30	—	—	4.1	—	16.7	—
	Harnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	537	41	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.5	19.1	14
	Quetta *	000	0	0	36	03	99	00	0	526	50	0	0	9	0	0	40	51	000	0	1	00	00	96	02	0	557	37	0	0	9	0	0	15	29	—	—	2.9	+ 1.9	13.2	8
	Chaman *	000	0	0	27	02	96	00	0	545	54	0	0	9	0	0	27	57	000	0	0	09	01	97	00	0	552	37	0	0	9	0	0	23	36	+ 3	+ 1	2.8	+ 1.5	9.0	7
	Kalat *	000	0	0	34	09	97	00	0	549	44	0	0	9	0	0	33	51	000	0	3	18	05	98	03	0	571	32	0	0	9	0	0	32	27	— 1	+ 1	2.7	+ 1.8	14.6	9
	Nushki *	000	0	0	31	05	98	02	0	603	58	0	0	9	0	0	38	59	000	0	3	05	25	98	03	1	587	45	0	0	9	0	0	38	43	—	—	1.4	—	4.3	—
	Dalbandin *	000	0	0	02	07	97	02	0	547	60	0	0	9	0	0	40	62	000	5	7	05	02	97	03	0	528	35	0	0	9	0	0	33	34	— 1	+ 3	1.2	+ 0.7	3.5	5
	Panjgur *	000	0	0	36	03	98	00	0	536	64	0	0	9	0	0	23	64	000	0	0	05	02	98	00	0	528	38	0	0	9	0	0	20	36	— 1	— 4	0.3	—	4.4	14
Afghanistan	Kabul *	000	0	0	32	03	99	00	0	571	37	0	0	9	0	0	28	42	000	0	0	36	03	99	00	0	606	25	0	0	9	0	0	22	20	—	—	—	—	—	—
	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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 23rd DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Samenio	33 224	628 00	0 00 00	98 00 0	092 72	00 9 00	34 13 6	...	0 54 66	1 00 x0
Eucadis	33 234	676 00	0 :4 09	98 02 0	164 69	00 9 00	35 60 8	...	0 55 61	1 34 xl
Dressa	33 249	620 00	1 32 05	99 02 0	170 73	00 9 01	35 53 5	...	...	...
Elysia	33 166	626 00	6 05 13	98 03 1	144 75	62 5 01	65 5 01	...	0 53 67	1 05 23
Ariane	33 247	581 03	5 32 10	98 03 0	194 72	33 4 41	75 20 9	...	0 54 64	1 32 23
Bharat Deepak	33 234	596 06	2 29 05	99 02 0	203 75	11 7 01		...	...	...
Samesio	33 218	637 06	4 36 05	98 02 1	103 73	40 9 11	24 7 9	...	0 52 72	1 36 xx
Restoremel	33 220	632 06	2 04 05	99 02 0	201 72	21 5 01	14 1 5	...	0 52 62	1 04 21
Anwarbaksh	33 198	697 06	0 06 13	98 02 0	142 77	00 9 00	...	...		...
Bharati Deepak	33 249	591 12	1 32 05	99 02 0	174 77	11 6 01	...	...		...
Daressa	33 250	635 12	2 00 00	97 02 0	167 75	00 9 01	25 60 8	...	...	...
Restoremel	33 221	627 12	1 04 04	99 02 0	190 74	11 7 00	14 50 2	...	0 51 59	1 04 21
Amra	33 234	659 12	1 35 05	99 02 0	158 75	00 9 01	56 61 5	...	0 52 58	1 35 21
Samesio	33 210	650 12	0 02 05	98 00 0	080 70	00 9 00	31 61 0	...	0 58 70	1 02 21
Exminister	33 193	591 12	2 06 10	98 02 0	183 74	21 3 03	16 60 5	...	0 52 63	...
Worldheath	33 261	568 12	4 00 00	99 02 1	205 72	00 9 04	75 60 5	...	0 56 60	1 00 x3
Asiane	33 263	557 15	0 00 00	99 02 0	192 73	00 9 00	55 30 3	...	0 53 57	1 xx 23
Alfred Ereismance	33 168	510 18	0 09 10	99 02 0	197 93	00 9 00	16 21 3	...	0 53 60	1 09 21
Amra	33 221	649 18	0 35 05	99 02 0	175 73	00 9 00	56 40 0	...	3 55 70	1 35 21
Asiane	33 281	550 18	0 26 05	97 02 0	251 73	00 9 00	65 21 0	...	0 53 63	1 49 xx
Dwarka	33 248	671 18	0 26 09	98 02 0	182 73	00 9 00	65 20 6	...	0 04 64	1 27 21
Moordrecht	33 157	532 18	0 07 08	58 02 0	193 72	00 9 00	...	...	0 54 59	1 07 21
Anwarbaksh	33 180	717 18	0 01 13	98 02 0	133 78	00 9 00	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	014 122 102	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani														
Karachi	00 00	013 115 088	148 135 999	...	151 125 999	...	314 095 999	443 028 999	584 588 999	753 718 999	957 883	223 085	...	...
Lahore														
Multan														
Peshawar	23 00	977 072 022	...	...	149 078 522	...	309 518 635	430 602 715	568 698 818	731 792 999	933 888	202 045	385 070	640 095
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	Misda	...	...	...	...	...	...	...	...	200 085 999	...	...
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore													
Multan													
Peshawar	23 00	900 082 505	800 055 545	350 838 999	250 958 999	070 105 999	...	...	...	...	070 105 999	...	...
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 →	12z prev. 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 04	33 03	02 03	03 03	...	...	...	...	...
Chaklala	...	28 05	36 03	09 02	15 04	18 04	25 09	31 12	29 15
Chhor	36 05	34 05	36 05	33 08	33 12	31 17	29 29	29 30	29 36
Chittagong	32 09	08 05	15 09	18 03	23 12	25 09	...	...	...
Cox's Bazar	13 02	23 06	19 07	22 02	...	...	...	...	...
Dacca	31 07	33 04	36 05	30 04	25 10	27 11	24 14	25 21	24 41
Dalbandin	...	...	09 11	06 14	02 13	33 20	31 34	30 50	30 59
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	05 03	04 08	01 13	05 03	07 06
Fort Sandeman	...	...	...	32 04	34 06	31 13	33 43	32 81	31 86
Jacobabad	28 03	34 10	34 13	32 13	31 17	33 25	31 41	...	...
Jessore	35 07	36 08	36 08	29 07	26 08	27 09	...	...	...
Jhelum	04 01	31 05	33 05	20 01	11 04	15 07	25 08	30 12	30 15
Jiwani	...	...	...	...	...	...	...	...	...
Karachi	22 01	35 04	35 10	01 10	33 12	33 22	31 35	32 24	31 50
Khanpur	31 05	28 07	30 10	33 12	33 17	31 21	30 29	31 45	32 57
Lahore	30 03	29 04	29 05	24 04	26 09	25 11	26 20	28 17	28 27
Multan	02 06	35 09	35 10	26 11	33 15	29 17	31 31	32 66	31 73
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	25 03	32 08	31 12	35 09	35 13	33 11	31 16	31 24
Quetta	...	...	...	...	32 15	32 21	33 56	31 43	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	16 04	10 03	06 03	17 03	24 08	25 17	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 1200 hrs. G.M.T. † of Previous day (dd ff) (columns 2–10)

Height in Kms. a.s.l →	00z 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	35 13	36 06	35 04	26 05	25 10	24 19
Chaklala	...	19 03	02 02	36 10	36 08	35 06
Chhor	05 16	03 09	04 07	36 11	35 12	33 17
Chittagong	13 06	17 08	19 15	22 09	22 10	22 09
Cox's Bazar	25 03	21 10	23 05	20 05	18 06	18 05
Dacca	03 04	02 06	02 96	22 04	24 06	24 23
Dalbandin	...	...	01 06	01 07	04 06	28 06
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	13 03	09 03	14 06
Fort Sandeman	...	...	...	21 03	33 04	35 30
Jacobabad	08 08	32 05	35 07	36 08	33 10	34 58
Jessore	01 17	01 09	03 08	28 03	24 12	23 24
Jhelum	31 07	36 07	35 08	36 07	01 04	03 04
Jiwani	03 14	01 07	35 06	36 10	15 04	19 11
Karachi	06 09	06 05	08 10	05 13	06 07	34 10
Khanpur	02 06	05 15	07 12	03 06	35 08	34 06
Lahore	35 08	35 08	33 10	36 08	36 11	35 09
Multan	01 08	01 09	05 13	01 11	35 12	33 16
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...
Peshawar	...	17 03	30 03	27 03	29 11	35 16
Quetta	No	Ascent	...	...	...	...
Sharjah	...	...	...	...	...	...
Sylhet	10 13	10 07	09 07	18 10	23 12	24 23
Veraval	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff) (columns 11–16)

Height in Kms. a.s.l →	06z 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	01 04	01 03	03 04	30 09	25 13	25 20	24 31	25 42	25 42	...	...
Chaklala	...	11 01	03 04	33 06	34 05	35 07	34 18	33 35	32 40	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...
Chittagong	13 03	18 13	19 19	19 13	23 11	24 15	23 18	25 21	25 32	25 43	25 61
Cox's Bazar	16 02	21 05	22 13	21 14	19 06	34 07	25 18	24 28	26 27	25 44	...
Dacca	03 03	09 04	17 03	22 04	22 09	24 24	24 28	25 37	25 36	25 47	25 67
Dalbandin	...	...	08 07	07 10	16 05	23 14	28 23	28 35	29 44	29 77	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	04 11	01 21	32 08	36 15	34 27	...	...
Fort Sandeman	...	...	...	21 03	29 05	34 12	30 28	30 49	30 58	...	...
Jacobabad	11 02	08 05	08 04	35 03	33 08	31 13	30 39	31 55	...	...	...
Jessore	36 05	36 05	33 04	23 08	24 15	24 26	26 34	25 34	26 42	...	...
Jhelum	33 05	33 10	33 09	31 06	23 03	34 09	33 22	32 41	31 45	...	...
Jiwani	03 14	03 12	02 11	36 07	21 07	19 12	30 20	30 18	29 24	20 39	28 49
Karachi	06 10	06 08	08 10	07 14	06 03	31 05	32 44	33 29	33 34	30 42	...
Khanpur	07 03	06 07	06 08	06 08	02 05	34 20	31 29	30 43	30 40	...	...
Lahore	34 05	34 11	35 09	36 09	01 08	05 06	34 27	33 47	32 59	...	...
Multan	35 05	02 06	02 07	01 07	36 05	24 14	31 37	29 58	28 82	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	21 02	31 09	28 23	29 36	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	11 09	12 10	13 08	13 09	21 13	24 17	24 32	24 40	26 41	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff) (columns 17–27)

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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	05 09	05 06	07 04	09 04	06 04	36 12	32 31	32 35	33 36	31 45	30 51	29 55	29 63	26 43	...	...	...	...
Peshawar	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta																		

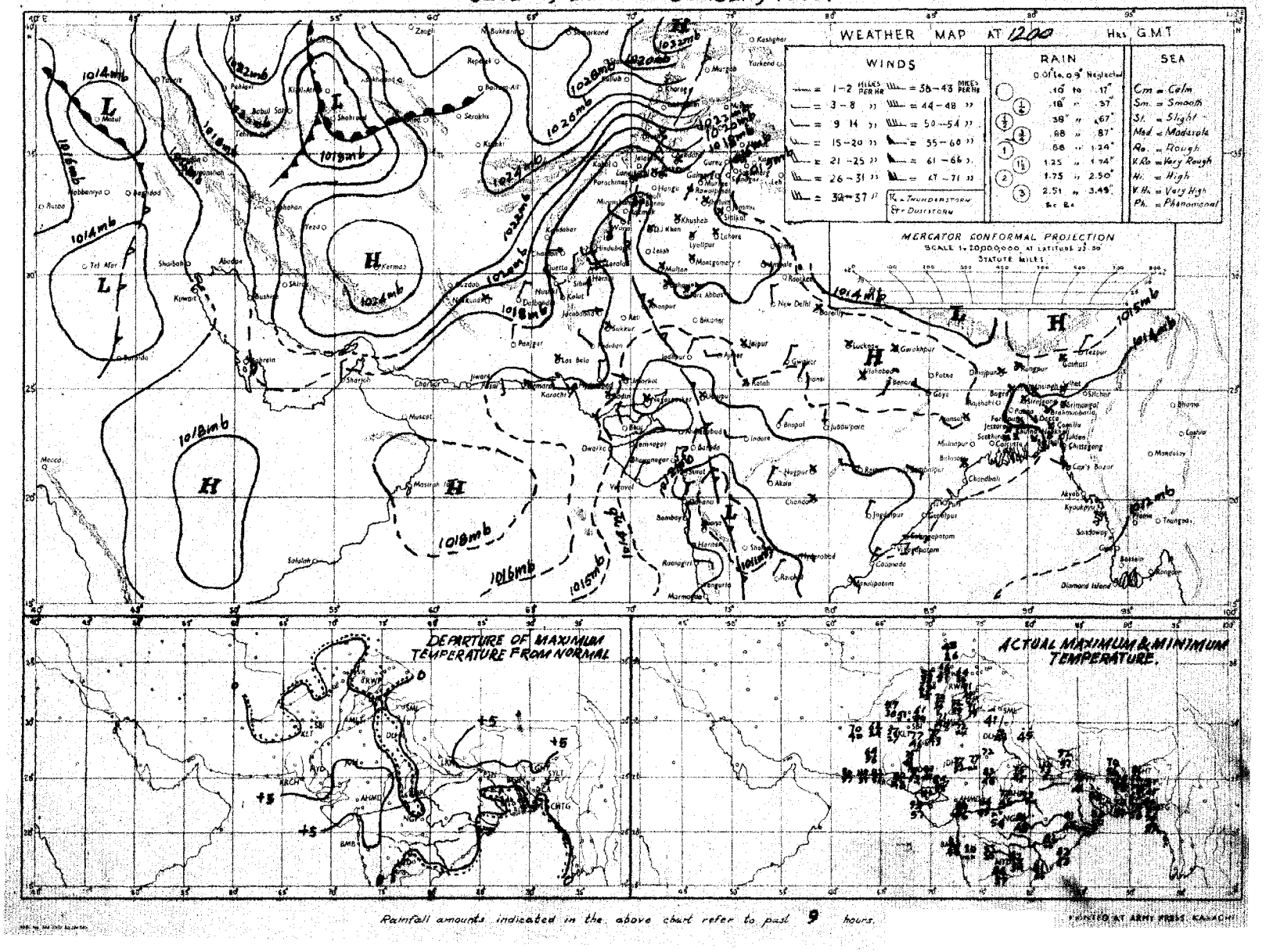
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V,V, etc.)

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

TUESDAY, 22nd DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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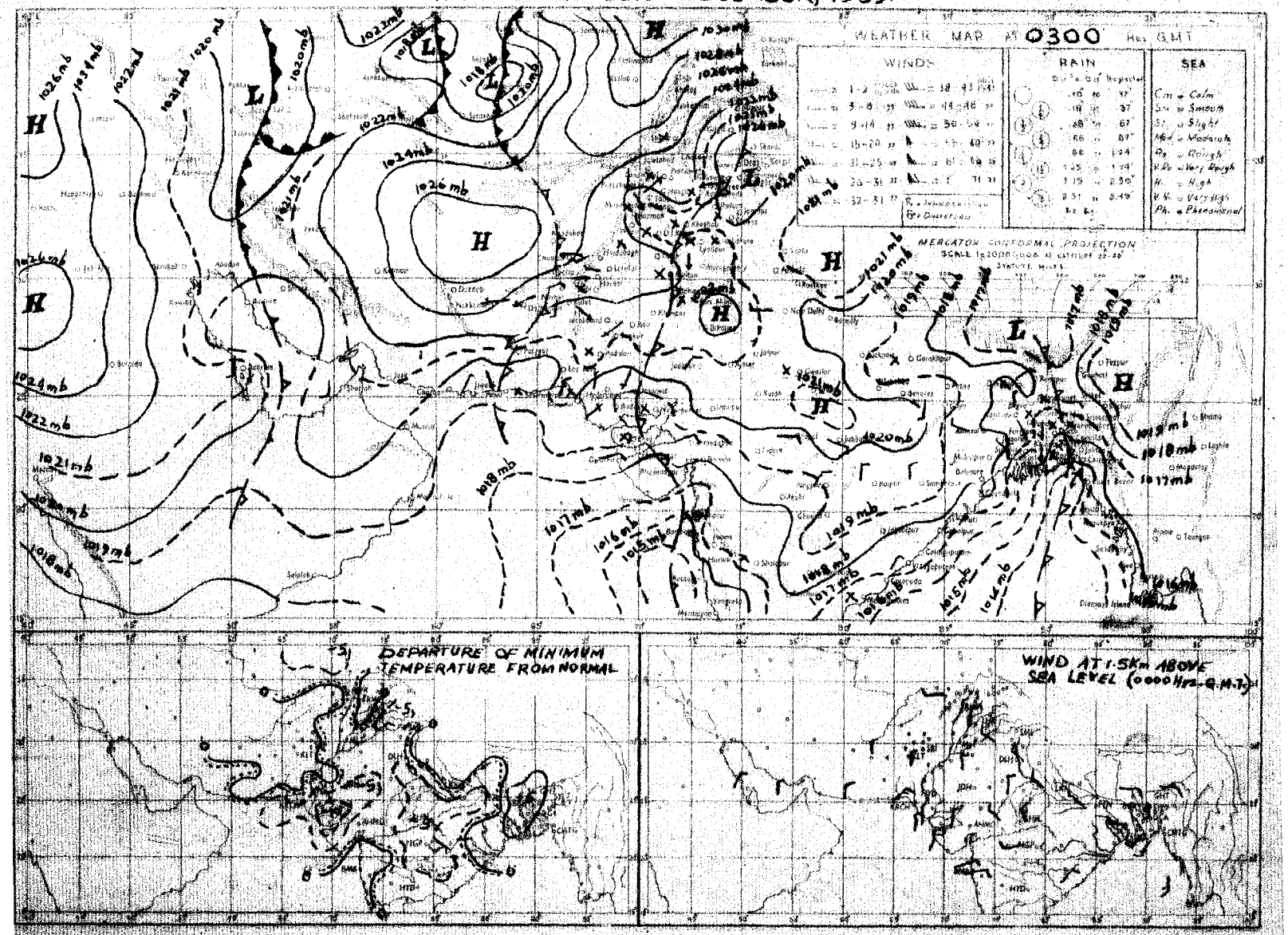
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 23rd: DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 24th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Russian Turkistan northwest of Afghanistan is now moving across east Russian Turkistan north of Afghanistan.

Weather remained dry over the Country

Night temperatures were 4—5°F above normal over Rajshahi division and 5—8° F below normal over Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 24th December, 1959. Weather will continue to be dry over the country

Karachi-11
The 24th December, 1959.

K. U. SIDDIQI
for Director, Meteorological Service.

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
1	2	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	31	02	94	01	0	140	72	0	0	9	0	6	66	83
	Chittagong	000	0	0	00	00	96	00	0	138	70	0	0	9	0	0	63	81
	Maijdee Court	000	0	0	00	00	xx	10	0	142	71	0	0	9	0	0	63	80
	Comilla	000	0	0	00	00	94	00	0	138	77	0	0	9	0	0	61	82
	Brahmanbaria	000	0	0	00	00	xx	00	0	143	70	0	0	9	0	0	62	80
	Sylhet	000	0	0	00	00	xx	02	0	138	69	0	0	9	0	0	59	81
	Srimangal	000	0	0	00	00	xx	00	0	141	66	0	0	9	0	0	61	81
Dacca	Mymensingh	000	0	0	00	00	97	00	0	142	72	0	0	9	0	0	59	79
	Narayanganj	000	0	0	00	00	xx	05	4	134	72	0	0	9	0	0	57	81
	Dacca (Tezgaon)	000	0	0	31	02	97	02	0	137	69	0	0	9	0	0	57	79
	Faridpur	000	8	0	34	02	95	05	0	139	72	0	0	9	0	0	60	76
	Barisal	000	0	0	00	00	96	02	0	142	73	0	0	9	0	0	60	78
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	147	70	0	0	9	0	0	64	78
	Satkhira	000	0	0	00	00	96	00	0	149	70	0	0	9	0	0	61	78
	Jessore	000	0	0	36	02	97	00	0	143	75	0	0	9	0	0	58	79
	Sirajganj	000	0	0	00	00	94	00	0	129	69	0	0	9	0	0	63	81
	Bogra	000	0	0	00	00	xx	02	0	137	69	0	0	9	0	0	61	79
	Dinajpur	000	0	0	00	00	xx	00	0	149	74	0	0	9	0	0	63	79
	Rangpur	000	0	0	00	00	96	02	0	xxx	68	0	0	9	0	0	61	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	03	0	194	65	1	0	9	3	1	47	70
	Sialkot	000	0	1	00	00	98	01	0	181	65	0	0	9	0	2	48	70
Rawalpindi	Jhelum	000	0	5	31	03	96	03	1	186	63	0	0	9	0	1	41	69
	Rawalpindi	000	0	6	27	02	99	03	1	191	56	6	0	9	3	0	43	64
	Khushab	000	0	2	00	00	96	03	1	189	73	2	3	6	0	0	45	77
Multan	Lyallpur	000	0	0	00	00	96	00	0	193	67	0	0	9	0	0	41	70
	Montgomery	000	0	0	36	02	96	00	0	197	68	0	0	9	0	0	54	71
	Multan	000	5	2	00	00	96	01	4	194	70	0	0	9	0	1	39	75
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	186	74	0	0	9	0	0	34	75
	Khanpur	000	0	0	00	00	96	02	0	192	74	0	0	9	0	0	44	77
	Bahawalpur	000	0	0	00	00	98	00	0	194	72	0	0	9	0	0	41	75
	Fort Abbas	000	0	1	36	03	98	00	0	204	71	0	0	9	0	0	41	73
Peshawar	Chakdara	000	0	7	00	00	96	03	1	182	58	7	0	8	6	0	37	61
	Peshawar	000	0	6	00	00	97	01	1	209	59	6	0	9	3	0	45	68
	Kohat	000	4	7	09	02	97	03	2	162	63	7	0	9	9	0	47	70
	Campbellpur	000	0	4	05	02	98	03	0	224	60	0	0	9	0	9	38	64
D. I. Khan	Bannu	000	0	7	00	00	99	02	0	198	61	7	0	9	8	0	51	68
	D. I. Khan	000	6	3	00	00	98	03	0	189	68	0	0	9	0	3	52	74
Quetta	Sibi	000	2	4	18	02	98	03	1	196	75	0	0	9	0	2	38	77
Kalat	Nokkundi	000	0	0	11	02	99	00	0	180	66	0	0	9	0	0	31	68
	Turbat	000	0	0	23	03	98	00	0	178	62	0	0	9	0	0	38	83
	Jiwani	000	0	1	13	07	97	03	0	177	75	0	0	9	0	1	44	79
	Pasni	000	0	6	07	09	98	00	0	178	74	4	0	9	0	8	67	77
	Ormara	000	0	5	18	03	98	02	1	175	75	5	0	9	2	0	62	78
	Las Bela	000	0	0	00	00	98	00	0	184	65	0	0	9	0	0	46	87
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	13	10	98	01	1	171	75	0	0	9	0	1	64	76
	Karachi (Air Port)	000	0	2	05	05	96	03	1	170	78	0	0	9	0	0	31	82
	Badin	000	0	0	00	00	97	00	0	158	82	0	0	9	0	0	50	80
	Nagarparkar	000	0	0	00	00	98	00	0	158	82	0	0	9	0	0	48	84
	Umarkot	000	0	3	02	05	98	00	0	164	78	0	0	9	0	1	33	83
	Hyderabad	000	0	3	36	05	97	03	0	185	74	0	0	9	0	8	45	78
Khairpur	Padidan	000	0	6	02	03	96	01	0	187	71	0	0	9	0	1	51	74
	Nawabshah	000	0	2	36	05	97	02	0	184	75	0	0	9	0	1	39	77
	Sukkur	000	0	0	29	02	96	00	0	186	72	0	0	9	0	0	46	75
	Kashmore	000	0	0	xx	xx	99	00	0	189	71	0	0	9	0	0	34	75
	Jacobabad	000	0	1	36	02	97	02	0	196	72	0	0	9	0	1	39	76
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu																	
	Miagar **																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	5	02	02	98	02	1	538	41	0	0	9	5	0	39	43
D. I. Khan	Drosh	000	0	0	09	10	97	02	0	573	40	0	0	9	0	0	39	43
	Chitral	000	0	6	36	07	97	03	1	546	49	1	0	9	8	8	20	51
	Kalam	000	6	1	18	03	97	01	0	539	52	0	0	9	3	0	34	58
	Landi Kotal	000	0	3	00	00	98	01	0	536	49	0	0	9	3	9	29	57
	Parachinar	000	0	6	13	02	98	03	0	546	48	2	1	8	2	0	43	53
	Miranshah	000	0	8	00	00	98	03	0	524	56	8	3	6	0	0	23	63
	Wana	000	0	0	00	00	98	00	0	519	57	0	0	9	0	0	21	57
	Fort Sandeman	000	0	3	13	01	98	00	1	543	61	0	0	9	0	1	23	62
	Hindubagh	000	0	8	25	07	98	00	0	495	55	0	0	9	0	0	25	60
Quetta	Loralai	000	0	4	13	02	97	01	1	332	65	0	0	8	0	1	54	59
	Murgai	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xxx	xx
	Quetta	000	0	0	00	00	99	00	0	527	52	0	0	9	0	0	40	54
	Chaman	000	0	0	27	02	97	00	0	535	55	0	0	9	0	0	27	57
Kalat	Kalat**	000	0	0	31	05	97	00	0	549	44	0	0	9	0	0	33	52
	Nushki	000	0	0	31	05	98	00	0	658	62	0	0	9	0	0	35	65
	Dalbandin	000	9	2	09	05	98	01	1	535	61	0	0	9	0	1	34	63
	Panjgur	000	0	0	23	03	98	00	0	537	69	0	0	9	0	0	20	69
Afghanistan	Kabul																	
	Kandhar																	

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	4
Cox's Bazar	000	0	0	34	02	98	00	0	169	71	0	0	9	0	0	63	59	+ 4	+ 2	1.7	— 2.5	142.8	140
Chittagong	000	4	0	00	00	96	00	0	177	69	0	0	9	0	0	63	56	+ 4	0	1.4	— 1.4	142.4	108
Maijdee Court	000	6	0	00	00	98	00	0	180	67	0	0	9	0	0	61	xx	+ 2	+	0.1	— 1.9	144.7	115
Comilla	000	0	0	00	00	97	00	0	172	64	0	0	9	0	0	59	55	+ 6	+ 2	0	— 1.4	107.8	94
Brahmanbaria	000	0	0	00	00	97	00	0	188	67	0	0	9	0	0	59	57	—	—	0	— 1.3	85.2	76
Sylhet	000	0	1	09	02	97	01	0	174	65	1	0	7	7	0	61	57	—	—	0	—	113.9	—
Srimangal	000	0	0	00	00	96	00	0	173	64	0	0	9	0	0	58	49	+ 1	+ 2	0	— 1.6	109.4	98
Mymensingh	000	3	0	00	00	96	00	4	180	65	0	0	9	0	0	58	55	+ 3	+ 1	0	— 1.8	113.3	91
Narayanganj	000	0	0	31	03	94	10	0	175	65	0	0	9	0	0	58	59	+ 4	+ 3	0	— 1.1	103.9	74
Dacca (Tezgaon)	000	0	0	34	03	97	01	1	171	65	0	0	9	0	0	60	55	—	—	0	—	109.4	—
Faridpur	000	9	0	34	02	94	10	0	177	65	0	0	9	0	0	63	57	+ 1	+ 4	0	— 1.3	116.6	71
Barisal	000	9	0	36	02	96	02	4	177	62	0	0	9	0	0	60	57	+ 1	+ 2	0	— 1.8	140.5	81
Khulna	000	0	0	00	00	98	00	0	184	69	0	0	9	0	0	56	58	+ 1	+ 4	0	— 1.3	102.8	68
Satkhira	000	0	0	00	00	98	00	0	186	66	0	0	9	0	0	49	54	— 1	+ 3	0	— 1.9	82.1	65
Jessore	000	0	0	36	03	97	00	0	180	62	0	0	9	1	0	55	52	—	—	0	— 1.1	105.8	65
Sirajganj	000	0	2	31	03	98	01	1	179	66	2	0	9	0	0	57	57	+ 6	+ 4	0	— 0.8	107.7	64
Bogra	000	0	3	36	05	96	03	4	177	65	3	5	6	0	0	54	57	+ 4	+ 4	0	— 0.8	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	180	64	0	0	9	0	0	53	55	+ 5	+ 6	0	— 0.5	96.9	72
Rangpur	000	0	0	05	02	96	00	0	xxx	63	0		9	0	0	59	55	+ 3	+ 5	0	— 0.5	92.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	94	10	0	217	42	1	0	9	3	0	39	40	— 1	+ 1	1.1	+ 0.7	27.1	19
Sialkot	000	0	0	00	00	97	00	0	207	49	0	0	9	0	0	42	41	+ 3	0	3.1	+ 2.4	61.8	32
Jhelum	000	0	0	00	00	97	02	0	210	43	0	0	9	0	0	36	40	—	—	5.6	—	55.3	—
Rawalpindi	000	0	0	00	00	98	00	0	233	37	0	0	9	0	0	33	35	— 1	— 2	4.4	+ 3.5	56.7	36
Khushab	000	0	0	00	00	99	00	0	204	43	0	0	9	0	0	38	39	+ 7	— 2	1.1	+ 0.7	23.5	15
Lyallpur	000	0	0	00	00	96	00	0	218	59	0	0	9	0	0	39	39	+ 2	— 2	0.4	+ 0.1	18.6	12
Montgomery	000	0	0	00	00	96	00	0	211	41	0	0	9	0	0	36	39	+ 1	— 2	0.1	— 0.1	8.5	10
Multan	000	0	3	00	00	93	46	0	212	45	0	0	9	0	0	38	41	+ 6	0	0.1	— 0.1	8.3	7
Leiah	000	0	0	00	00	97	04	0	237	40	0	0	9	0	0	35	39	—	—	2.5	—	7.0	8
Khanpur	000	0	0	00	00	96	00	0	210	42	0	0	9	0	0	39	40	+ 4	— 3	0	— 0.2	1.4	6
Bahawalpur	000	0	0	00	00	98	00	0	220	53	0	0	9	0	0	40	39	+ 2	— 1	0.1	— 0.1	6.6	6
Fort Abbas	000	0	0	00	00	98	00	0	221	40	0	0	9	0	0	32	xx	—	—	1.0	—	10.2	4
Chakdara	000	0	0	00	00	97	00	0	237	40	0	0	9	0	0	35	36	—	—	5.6	—	33.5	—
Peshawar	000	0	0	28	03	97	02	6	228	41	0	0	9	0	0	33	40	+ 3	+ 1	5.9	+ 5.1	29.2	14
Kohat	000	5	3	23	02	97	02	1	161	43	0	0	9	4	0	31	38	—	—	4.5	—	35.7	—
Campbellpur	000	0	0	00	00	98	00	0	259	39	0	0	9	0	0	37	35	—	—	5.3	—	41.2	—
Bannu	000	0	0	34	01	99	00	0	211	xx	0	0	9	0	0	32	41	—	—	3.2	—	16.1	11
D. I. Khan	000	0	0	00	00	98	00	0	215	47	0	0	9	0	0	38	39	+ 4	0	1.8	+ 1.5	16.7	10
Sibi	000	0	0	00	00	99	00	0	224	43	0	0	9	0	0	39	42	—	—	4.1	—	9.4	5
Nokkundi	000	0	0	34	03	99	00	8	256	43	0	0	9	0	0	33	41	—	—	0.7	—	1.8	2
Turbat	000	0	0	09	02	97	00	0	225	55	0	0	9	0	0	47	xx	—	—	1.8	—	9.1	—
Jiwani	000	0	1	02	02	97	03	0	213	61	0	0	9	0	1	54	49	—	—	1.7	—	8.4	4
Pasni	000	0	4	02	03	98	00	0	208	57	4	0	9	7	0	53	56	+ 0	+ 3	0.4	— 0.4	13.5	6
Ormara	000	0	0	00	00	98	00	0	201	58	0	0	9	0	0	56	55	—	—	5.9	+ 5.6	9.9	6
Las Bela	000	0	0	00	00	98	00	0	221	57	0	0	9	0	0	37	47	—	—	0.4	—	7.3	8
Karachi (Manora)	000	0	2	36	04	95	05	1	211	54	0	0	9	0	1	35	50	— 1	— 8	1.6	+ 1.4	18.1	8
Karachi (Air Port)	000	0	0	00	00	98	03	0	208	53	0	0	9	0	0	37	47	—	—	3.3	—	36.2	—
Badin	000	0	0	23	02	96	00	0	198	46	0	0	9	0	0	43	45	+ 1	— 5	0.3	+ 0.1	11.5	9
Nagarparkar	000	0	0	00	00	98	00	0	187	61	0	0	9	0	0	46	54	—	—	0	—	30.5	—
Umarkot	000	0	2	02	03	98	00	0	200	43	0	0	9	0	1	28	44	—	—	0.5	—	20.8	—
Hyderabad	000	0	2	36	05	97	03	0	211	52	0	0	9	0	8	43	51	+ 1	0	0.5	+ 0.4	19.6	7
Padidan	000	0	0	00	00	96	01	0	224	42	0	0	9	0	1	41	39	—	—	0.3	—	7.8	—
Nawabshah	000	0	0	27	02	96	03	0	222	43	0	0	9	0	0	39	41	—	—	0.3	—	7.5	—
Sukkur	000	9	4	16	02	96	03	1	210	52	0	0	9	0	3	43	47	—	—	0.8	—	5.3	4
Kashmore	000	0	0	00	00	96	00	0	208	43	0	0	9	0	0	33	39	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	97	03	0	215	48	0	0	9	0	1	39	46	+ 3	+ 2	0.3	+ 0.1	4.7	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar **																							26
Gulmarg **																							71
Sonamarg **																							26
Dras **																							3
Leh **																							6
Skardu																							—
Miagar **																							—
Aliabad																							—
Gilgit																							—
Murree	000	9	0	11	02	98	00	1	543	38	0	0	9	0	0	22	35	+ 2	+ 2	6.8	+ 4.8	85.2	5
Drosh	000	0	0	00	00	97	02	0	584	25	0	0	9	0	0	24	25	— 6	— 8	11.0	—	20.6	59
Chitral	000	0	0	31	07	98	00	0	545	48	0	0	9	0	0	16	43	— 1	+ 2	7.4	+ 6.1	38.8	18
Kalam	000	0	0	31	05	95	10	5	533	42	0	0	9	0	0	22	40	—	—	5.9	—	61.0	29
Landi Kotal	000	0	0	00	00	99	00	0	526	37	0	0	9	0	0	23	34	—	—	5.7	—	34.5	—
Parachinar	000	0	0	36	02	98	00	0	548	32	0	0	9	0	0	17	30	+ 1	0	8.1	—	36.2	—
Miranshah	000	0	0	00	00	99	00	0	595	38	0	0	9	0	0	27	34	—	—	1.5	+ 0.9	8.5	29
Wana	000	0	0	00	00	98	00	0	520	31	0	0	9	0	0	23	28	—	—	1.6	—	15.7	13
Fort Sandeman	000	0	0	00	00	98	00	0	545	34	0	0	9	0	0	24	30	+ 1	+ 1	3.3	+ 2.8	21.2	—
Hindubagh	000	0	0	00	00	98	00	0	515	34	0	0	9	0	0	23	33	—	—	7.2	—	22.1	11
Loralai	000	0	3	31	03	98	01	1	328	31	0	0	9	0	1	28	30	—	—	4.1	—	16.7	—
Murgai	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.3	+ 5.5	19.1	—
Quetta	000	0	0	00	00	97	00	0	567	38	0	0	9	0	0	25	27	—	—	2.9	+ 1.9	19.2	14
Chaman	000	0	0	09	01	97	00	0	549	40	0	0	9	0	0	19	36	+ 3	+ 1	2.8	+ 1.3	9.0	8
Kalat**	000	0	3	16	05	97	02	1	574	31	0	0	9	0	1	31	27	— 0	+ 1	2.7	+ 1.7	14.6	7
Nushki	000	0	2	05	05	98	03	0	591	41	0	0	9	0	2	25	41	—	—	1.4	—	4.3	9
Dalbandin	000	0	4	05	05	98	00	0	529	36	0	0	9	0	1	34	34	— 0	+ 3	1.2	+ 0.7	3.5	—
Panjgur	000	0	2	05	02	98	03	0	531	40	2	0	9	2	0	23	39	+ 4	+ 2	0.3	—	4.4	5
Kabul																							14
Kandhar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopocential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopocential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 24th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O T_s T_s T_d T_d	$Id_wd_wP_wH^w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Amra	43 202	636 00	3 35 02	99 03 0	165 73	22 4 60	56 40 6	...	0 53 63	1 35 21
Dwarka	43 250	645 00	0 20 02	98 02 0	177 73	00 9 00	65 21 2	...	0 51 50	1 29 21
Circassia	43 144	506 00	1 07 09	99 01 1	166 74	10 9 80		...		
Elysia	43 153	567 00	6 04 13	98 01 2	166 75	65 5 00	65 6 02	...	0 51 64	1 04 22
Moordrecht	43 163	544 00	2 08 08	98 02 0	168 72	22 5 00		...	0 54 60	1 09 21
Dwarka	43 251	628 06	2 02 05	99 03 0	205 72	00 9 04	65 02 8	...	0 55 54	1 02 22
Samerio	43 190	682 06	3 02 08	98 00 0	081 79	00 9 10	34 00 0	...	0 52 77	1 02 xx
Alfred Fraisanet	43 186	576 06	1 05 07	99 01 0	215 73	11 6 00	16 40 0	...	0 55 60	1 03 21
Amra	43 189	628 06	5 35 05	99 03 1	191 75	55 4 00	56 01 9	...	0 52 66	1 35 21
Restormel	43 237	658 06	0 06 09	99 02 1	223 74	00 9 00	14 11 0	...	0 55 57	1 04 21
Esso Cambridge	43 200	587 06	1 03 07	98 03 0	206 72	11 6 00	15 11 8	...	0 54 64	1 00 xx
Dwarka	43 252	623. 12	1 09 05	99 02 0	187 75	00 9 04	56 51 2	...	0 08 68	1 11 22
Sameiro	43 189	684 12	0 02 07	97 00 0	039 79	00 9 00	34 61 6	...	0 52 79	1 02 xx
Eximinister	43 233	647 12	1 09 10	99 02 0	193 78	11 6 00	16 00 0	...	0 03 61	
Esso Cambridge	43 213	596 12	1 03 07	98 02 0	168 75	15 6 00	15 71 0	...	0 52 62	1 00 xx
Dwarka	43 245	610 18	0 20 05	99 05 0	177 75	00 9 00	55 61 0	...	0 00 66	1 20 22
City of Durham	43 156	528 18	2 07 13	98 02 0	193 74	2x x xx	15 21 0	...	0 53 64	1 xx xx
City of Capetown	43 109	596 18	4 02 16	97 02 2	145 79	42 6 00	65 11 9	...	0 00 72	1 02 34
Moordrecht	43 187	578 18	0 04 10	98 02 0	196 73	00 9 00		...	0 52 60	1 04 21
Alfred Fraisanet	43 212	595 18	1 06 10	99 01 0	205 73	10 x 50	16 23 0	...	0 55 63	1 06 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 185 138	126 238 999	...	146 090 999	...	311 038 999	435 510 999	578 508 762	743 738 999	946 085	219 012	402 083	...
Jiwani ...														
Karachi ...	00 00	017 992 058	158 195 062	...	149 122 995	...	318 110 999	443 035 999	587 612 999	755 690 999	960 955	224 055	403 152	645 108
Lahore ...														
Multan ...														
Peshawar ...	00 00	978 062 018	...	...	150 112 012	...	313 035 632	437 522 652	580 595 999	748 700 999	956 808	234 960	425 979	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 115 058	800 082 515	350 762 999	250 890 999	...	...	...	...	...	250 890 999	...	...
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 → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ...	30 01	30 01	30 01	29 07	26 11	26 20	...	...	...
Chittagong ...							...	...	...
Chitar ...	06 14	02 11	02 09	01 06	27 06	28 21	...	...	...
Chittagong ...	25 05	22 08	21 10	20 13	23 08	...	...	—	...
Cox's Bazar ...	32 03	17 04	24 04	23 13	24 06		...		
Dacca ...	32 06	33 04	33 04	36 04	28 09	25 17	24 43	24 43	25 46
Gulbandin ...	...	...	07 11	16 11	22 15	25 17	27 35	27 36	28 44
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 12	02 18	...	...	...
Fort Sandeman ...	...	...	...	29 03	19 04	27 13	29 29	29 43	29 54
Jacobabad ...	03 01	11 03	16 01	29 04	29 08	28 17	30 47	...	...
Jamore ...	35 06	30 14	31 04	26 06	28 15	26 21	...	...	...
Jhelum ...	30 07	31 13	31 12	33 08	35 08	34 08	33 21	31 23	31 33
Jiwani ...	12 07	09 07	09 07	30 06	29 11	27 15	28 25	28 22	28 24
Karachi ...	07 15	06 14	06 12	05 14	27 06	27 09	31 21	32 26	31 29
Khanpur ...	07 04	09 04	07 04	34 04	34 13	32 20	33 30	30 53	30 49
Lahore ...	31 05	31 10	33 10	35 10	35 07	33 09	33 19	31 29	31 33
Multan ...	12 03	34 02	34 03	31 04	31 05	31 17	30 33	30 54	30 66
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	21 06	23 06	32 14	32 06	30 13	...	...	...
Quetta ...	...	...	...	...	26 03	27 10	28 38	28 49	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	19 05	18 07	17 07	21 07	24 10	24 17	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l → / STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ...	34 18	34 10	33 05	27 04	25 13	27 18
Chittagong ...	...	...	...	...	...	...
Chitar ...	06 14	26 11	02 09	01 06	27 06	28 21
Chittagong ...	35 09	34 07	24 09	21 18	23 16	21 22
Cox's Bazar ...	34 11	27 07	23 09	22 15	23 12	26 18
Dacca ...	31 12	29 08	32 07	25 13	24 25	25 38
Gulbandin ...	...	...	07 05	35 03	32 09	32 13
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	14 03	10 01	13 05
Fort Sandeman ...	...	...	...	20 03	29 12	30 23
Jacobabad ...	01 01	21 02	22 04	25 09	31 14	29 19
Jamore ...	33 15	33 04	32 05	28 13	25 24	26 34
Jhelum ...	31 11	34 11	32 07	33 07	31 10	30 08
Jiwani ...	09 01	14 03	11 03	01 04	30 09	27 17
Karachi ...	05 08	13 02	11 01	34 09	29 06	31 06
Khanpur ...	17 04	14 04	28 06	27 06	30 08	28 16
Lahore ...	31 04	30 07	31 08	31 10	31 10	32 10
Multan ...	22 04	21 05	23 06	22 05	29 05	29 16
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	26 04	34 01	33 09	02 03	27 06
Quetta ...	...	...	...	...	28 06	30 16
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 10	11 02	16 05	15 06	23 16	23 26
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 06	29 04	29 02	06 06	29 10	27 22	26 51	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Chitar ...									...	...	...
Chittagong ...	36 05	24 05	24 07	23 22	24 21	23 27	27 35	26 47			
Cox's Bazar ...	35 08	28 04	23 10	22 17	24 16	23 21	28 35	26 41	25 41	27 52	27 59
Dacca ...	31 07	29 09	29 09	31 07	25 21	25 34	27 42	26 54	26 63	27 67	27 74
Gulbandin ...	...	...	05 07	04 10	01 08	35 11	27 34	28 46	28 62	27 71	28 80
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 08	28 06	18 07	23 07	23 06	26 06	...
Fort Sandeman ...				21 03	31 13	29 16	28 37	28 38	29 49	...	...
Jacobabad ...	29 01	24 03	25 05	30 02	29 04	28 21	28 44	...	...	...	...
Jamore ...	25 06	27 06	27 08	28 17	27 24	27 36	...	...	...	...	...
Jhelum ...	31 04	32 09	31 09	28 07	28 05	27 10	28 21	28 26	29 34	28 39	...
Jiwani ...	02 04	13 02	13 03	02 06	36 09	27 14	26 29	27 28	27 35	28 41	26 54
Karachi ...	05 04	01 07	35 11	35 13	31 09	26 20	28 29	29 34	29 35	...	...
Khanpur ...	19 06	20 07	35 08	28 11	29 34	29 59	29 60	...	...	...	...
Lahore ...	34 05	32 11	31 17	31 10	30 11	28 13	29 22	29 35	29 37	29 53	...
Multan ...	19 04	19 07	19 10	22 10	29 11	31 13	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	11 06	11 02	31 07	34 02	29 17	28 19	28 44	28 38	29 54	...
Quetta ...	...	...	...	...	30 05	34 18	xx xx	xx xx	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 02	17 05	16 05	16 05	12 25	24 31	26 65	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l. → / 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 ...	31 12	30 11	29 08	24 10	23 19	23 25	22 47	29 51	25 40	26 58	26 53	26 78	26 54	25 66	25 73	25 65	25 31	
Karachi ...	05 13	09 06	06 03	33 03	33 08	27 18	27 16	28 37	29 32	29 42	28 56	27 60	27 70	27 46	27 58			
Peshawar ...	Missd	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

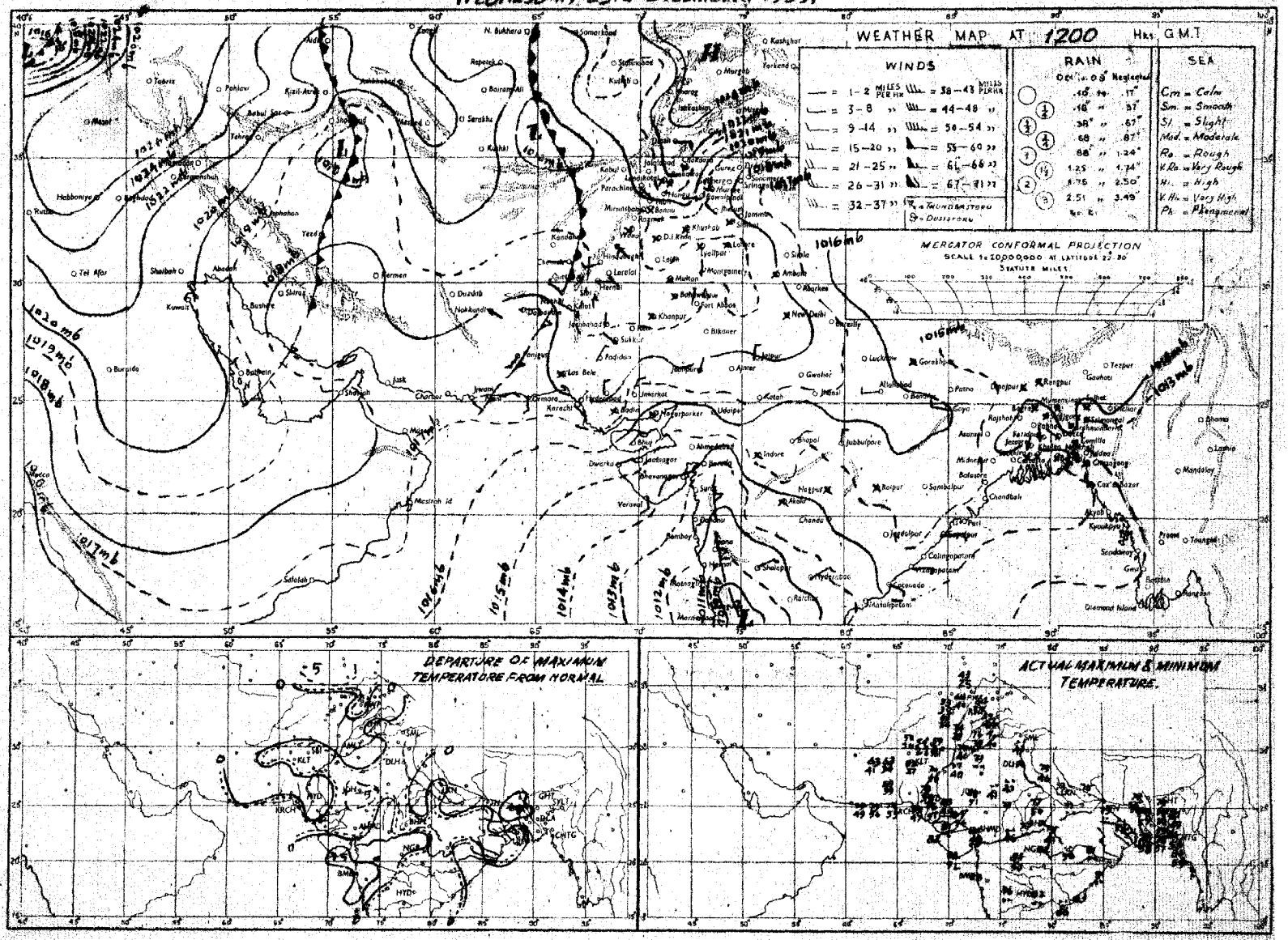
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V, etc.)

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 23rd DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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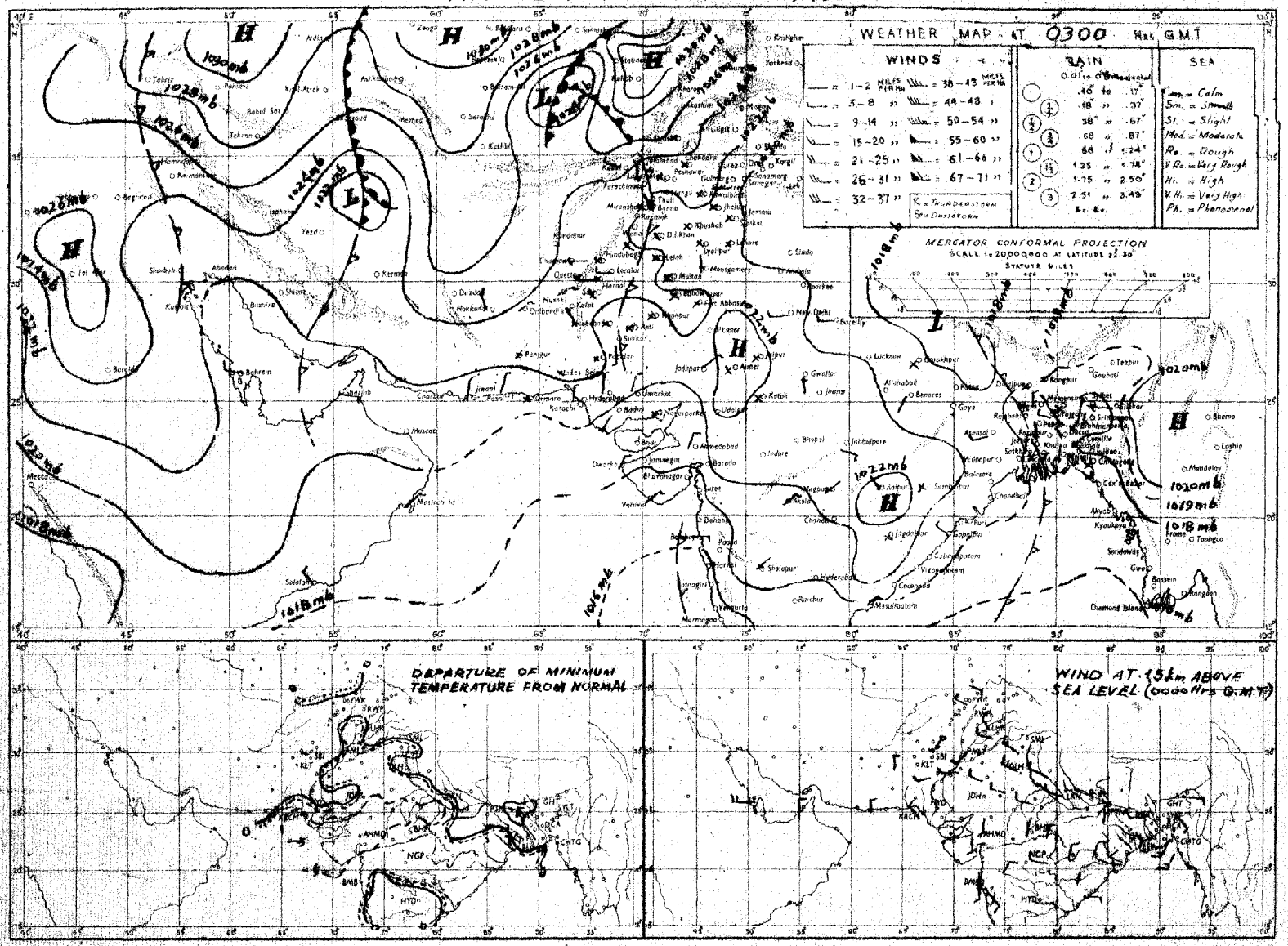
PAKISTAN DAILY WEATHER MAP

THURSDAY 24th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 25th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Dry continental air prevails over the country where weather continued to be dry.

Night temperatures were 3—5°F above normal in Quetta, north Kalat, Khairpur and upper Rajshahi divisions and 3—5°F below normal in Rawalpindi, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 25th December, 1959. Weather will continue to be dry over the country.

Karachi-11
The 25th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
1	2	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	2	31	02	94	01	0	145	71	0	0	9	0	0	61	79
	Chittagong	000	0	0	29	02	96	00	0	148	68	0	0	9	0	0	61	78
	Maijdee Court	000	0	0	00	00	xx	10	0	145	70	9	0	9	x	x	63	78
	Comilla	000	0	0	00	00	95	00	0	147	71	0	0	9	0	0	59	82
	Brahmanbaria	000	0	2	00	00	96	00	0	151	69	2	5	5	0	0	61	78
	Sylhet	000	0	0	00	00	xx	01	0	142	68	0	0	9	0	0	57	78
	Srimangal	000	0	0	00	00	xx	00	0	143	74	0	0	9	0	0	54	79
Dacca	Mymensingh	000	0	3	00	00	96	01	1	150	70	3	4	5	0	0	58	78
	Narayanganj	000	9	0	00	00	xx	05	0	145	70	0	0	9	0	0	59	78
	Dacca (Tejgaon)	000	0	0	27	03	97	02	0	147	67	0	0	9	0	0	57	77
	Faridpur	000	8	0	34	02	95	05	0	146	73	0	0	9	0	0	51	74
	Barisal	000	0	0	00	00	96	02	1	150	71	0	0	9	0	0	57	76
Rajshahi	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	000	0	0	00	00	98	00	0	159	66	0	0	9	0	0	53	77
	Jessore	000	0	0	36	02	97	00	0	149	74	0	0	9	0	0	57	79
	Sirajganj	000	0	0	00	00	94	00	1	145	68	0	0	9	0	0	59	78
	Bogra	000	0	1	00	00	xx	00	0	149	69	1	5	6	0	0	57	77
	Dinajpur	000	0	0	00	00	xx	00	0	148	70	0	0	9	0	0	58	80
	Rangpur	000	0	1	00	00	96	01	0	xxx	68	1	0	9	1	0	61	78
Kashmir	Jammu	...																
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	185	54	0	0	9	0	0	43	70
	Sialkot	000	0	0	00	00	98	00	0	173	64	0	0	9	0	0	46	68
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	176	63	0	0	9	0	0	40	69
	Rawalpindi	000	0	0	27	02	99	00	0	180	57	0	0	9	0	0	39	66
	Khushab	000	0	0	27	02	99	00	0	165	71	0	0	9	0	0	42	75
Multan	Lyallpur	000	0	0	00	00	96	00	0	183	66	0	0	9	0	0	49	72
	Montgomery	000	0	0	00	00	96	00	0	185	72	0	0	9	0	0	38	79
	Multan	000	6	0	00	00	96	02	4	182	72	0	0	9	0	0	45	75
Bahawalpur	Laiah	000	0	0	31	02	98	05	0	152	70	0	0	9	0	0	40	71
	Khanpur	000	0	0	00	00	96	03	0	183	74	0	0	9	1	0	49	78
	Bahawalpur	000	0	0	23	03	98	00	0	172	75	0	0	9	0	0	44	77
	Fort Abbas	000	0	0	00	00	98	00	0	180	74	0	0	9	0	0	45	74
Peshawar	Chakdara	000	0	0	00	00	90	00	0	161	60	0	0	9	0	0	49	61
	Peshawar	000	0	0	23	02	98	02	0	190	61	0	0	9	0	0	41	68
	Hariipur	000	0	0	23	02	97	00	0	165	64	0	0	9	0	0	37	70
	Campbellpur	000	0	0	36	02	98	00	0	203	61	0	0	9	0	0	37	65
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	176	66	0	0	9	0	0	41	68
	D. I. Khan	000	6	0	00	00	98	00	0	176	66	0	0	9	0	0	52	75
Quetta	Sibi	000	0	0	23	07	99	00	0	182	73	0	0	9	0	0	30	75
Kalat	Nokkundi	000	0	0	27	02	99	00	0	202	71	0	0	9	0	0	35	72
	Turbat	000	0	0	09	01	98	00	0	198	83	0	0	9	0	0	49	86
	Jiwani	000	0	0	23	09	97	01	0	185	75	0	0	9	0	0	54	77
	Pasni	000	0	2	23	10	98	00	0	193	78	2	0	9	7	0	50	82
	Ormara	000	0	0	13	03	98	00	0	172	78	0	0	9	0	0	60	80
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	10	98	02	0	173	78	0	0	9	0	0	68	78
	Karachi (Air Port)	000	0	1	23	05	96	02	0	172	75	0	0	9	0	1	49	82
	Badin	000	0	0	00	00	97	00	0	175	77	0	0	9	0	0	49	80
	Nagarparker	000	0	0	00	00	98	00	0	155	81	0	0	9	0	1	47	84
	Umarkot	000	0	1	36	05	98	00	0	160	78	0	0	9	0	1	33	79
	Hyderabad	000	0	1	36	03	97	02	0	176	75	0	0	9	0	1	47	82
Khairpur	Pad-i-dan	000	0	2	00	00	97	03	0	188	73	0	0	9	0	4	42	77
	Nawabshah	000	0	3	00	00	97	01	2	186	74	0	0	9	0	6	74	78
	Sukkur	000	0	0	00	00	96	02	1	174	71	0	0	9	0	0	41	79
	Kashmore	000	0	0	18	02	99	00	0	175	72	0	0	9	0	0	39	76
	Jacobabad	000	0	1	31	02	97	02	0	179	73	0	0	9	0	1	45	76
Junagadh	Veraval	...																
Afghanistan	Jalalabad	...																
Arabia	Muscat	...																
	Kuwait	...																
Kashmir	HILL STATIONS																	
	Srinagar *	...																
	Gulmarg **	...																
	Sonamarg **	...																
	Dras **	...																
	Leh **	...																
	Skardu *	...																
	Miagar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *	...																
	Gilgit *	...																
Rawalpindi	Murree *	...	000	0	0	09	02	98	00	0	527	41	0	0	9	0	0	26
Peshawar	Drosh *	...	000	0	0	00	00	97	02	0	559	39	0	0	9	0	0	33
	Chitral *	...	000	0	0	36	03	98	00	0	536	49	0	0	9	0	0	20
	Kalam *	...	000	0	0	16	03	98	02	0	519	51	0	0	9	0	0	33
D. I. Khan	Landi Kotal *	...	000	0	0	00	00	99	00	0	520	49	0	0	9	0	0	28
	Parachinar *	...	000	0	0	13	02	99	00	0	518	53	0	0	9	0	0	26
	Miranshah *	...	000	0	0	00	00	99	00	0	528	57	0	0	9	0	0	29
	Wana *	...	000	0	0	23	02	98	00	0	511	62	0	0	9	0	0	04
Quetta	Fort Sandeman *	...	000	0	0	34	02	98	00	0	563	64	0	0	9	0	0	51
	Hindubagh *	...	000	0	0	25	15	96	06	0	513	55	0	0	9	0	0	25
	Loralai *	...	000	0	2	09	02	98	01	1	542	60	0	0	9	0	1	58
	Harnai *	...	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	...	000	0	0	27	02	97	00	0	552	58	0	0	9	0	0	18
Kalat	Kalat *	...	000	0	4	36	04	98	02	2	553	49	0	0	9	3	0	31
	Nushki *	...	000	0	4	31	05	98	03	1	605	60	4	0	9	0	2	31
	Dalbandin *	...	000	8	7	09	07	98	03	1	559	63	0	0	9	0	4	29
	Panjgur *	...	000	0	0	36	03	98	00	0	544	65	0	0	9	0	0	29
Afghanistan	Kabul *	...																
	Kandhar *	...																

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st November, 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Annual Normal
	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxT x	TnTn	39	40	41	42
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
Cox's Bazar	000	0	0	11	02	97	00	0	169	69	0	0	9	0	0	61	58	0	+ 1	1.7	— 2.7	142.8	140
Chittagong	000	0	0	00	00	96	00	0	185	67	0	0	9	0	0	61	55	+ 1	— 1	1.4	— 1.4	143.4	108
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	—	—	—	115
Comilla	000	0	0	00	00	97	00	0	183	65	0	0	9	0	0	58	55	+ 6	+ 2	0	— 1.6	107.8	94
Brahmanbaria	000	0	0	00	00	97	00	0	192	67	0	0	9	0	0	59	56	—	—	0	— 1.3	85.2	76
Sylhet	000	0	0	00	00	96	02	0	185	66	1	0	9	3	0	56	55	—	—	0	—	193.9	—
Srimangal	000	0	0	00	00	96	00	0	185	63	0	0	9	0	0	58	47	— 1	0	0	— 1.6	109.4	98
Mymensingh	000	0	0	36	02	96	00	0	191	63	0	0	9	0	0	58	55	+ 2	+ 1	0	— 1.0	173.3	91
Narayanganj	000	0	0	00	00	94	10	4	182	64	0	0	9	0	0	57	57	— 1	+ 1	0	— 1.1	183.9	74
Dacca (Tejgaon)	000	0	0	36	03	96	02	0	179	62	0	0	9	0	0	59	53	—	—	0	—	103.6	—
Faridpur	000	0	0	34	03	94	42	4	183	63	0	0	9	0	0	58	55	— 1	+ 2	0	— 1.3	116.6	71
Barisal	000	0	0	36	01	97	02	1	185	67	0	0	9	0	0	55	54	— 1	+ 1	0	— 1.8	140.5	81
Khulna	000	0	0	00	00	96	00	0	190	67	0	0	9	0	0	57	53	— 2	— 1	0	— 1.3	102.8	68
Satkhira	000	0	0	00	00	98	00	0	193	65	0	0	9	0	0	52	51	—	0	0	— 1.9	82.1	65
Jessore	000	0	0	00	00	97	00	0	188	61	0	0	9	0	0	56	50	—	—	0	— 1.1	105.8	65
Sirajganj	000	0	0	36	02	99	00	0	178	65	0	0	9	0	0	58	55	+ 3	+ 2	0	— 0.8	107.7	64
Bogra	000	0	0	36	03	96	00	4	190	65	0	0	9	0	0	56	56	+ 2	+ 3	0	— 0.8	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	174	64	0	0	9	0	0	55	53	+ 6	+ 4	0	— 0.5	64.9	72
Rangpur	000	0	0	05	02	96	28	4	xxx	64	0	0	9	0	0	59	55	+ 3	+ 5	0	— 0.5	92.4	84
Jammu	...																						—
Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	212	43	0	0	9	0	0	36	38	— 1	— 1	1.1	+ 0.7	27.1	19
Sialkot	000	2	0	00	00	96	10	4	208	45	0	0	9	0	0	40	40	+ 1	— 1	3.1	+ 2.4	61.8	32
Jhelum	000	0	0	00	00	95	10	0	216	39	0	0	9	0	0	37	37	—	—	5.1	—	55.3	—
Rawalpindi	000	0	0	27	01	99	00	0	232	36	0	0	9	0	0	35	34	+ 1	— 3	4.4	+ 3.3	54.7	36
Khushab	000	0	0	00	00	99	00	0	209	41	0	0	9	0	0	37	38	+ 5	— 3	1.1	+ 0.7	23.5	15
Lyallpur	000	0	0	36	02	96	00	0	206	39	0	0	9	0	0	39	39	+ 4	— 1	0.4	+ 0.1	18.6	12
Montgomery	000	0	0	00	00	96	00	0	212	43	0	0	9	0	0	39	39	— 1	— 2	0.1	— 0.2	8.5	10
Multan	000	0	2	36	02	93	46	0	207	44	0	0	9	0	1	34	42	+ 6	+ 1	0.1	— 0.1	8.3	7
Laiah	000	0	0	00	00	98	04	0	210	46	0	0	9	0	0	40	36	—	—	2.5	—	7.0	8
Khanpur	000	0	0	29	01	95	03	0	214	44	0	0	9	0	0	37	41	+ 5	— 2	0	— 0.2	1.4	6
Bahawalpur	000	0	0	00	00	98	00	0	218	50	0	0	9	0	0	45	40	+ 4	0	0.1	— 0.1	6.6	4
Fort Abbas	000	0	0	11	02	98	00	0	223	43	0	0	9	0	0	34	xx	—	—	1.0	—	10.2	4
Chakdara	000	0	0	00	00	98	00	0	229	38	0	0	9	0	0	32	35	—	—	5.1	—	33.5	—
Peshawar	000	0	0	00	00	98	02	0	226	39	0	0	9	0	0	34	39	+ 3	0	5.9	+ 5.1	29.2	14
Hariipur	000	0	0	09	04	97	00	0	164	43	0	0	9	0	0	29	38	—	—	4.5	—	35.7	—
Campbellpur	000	0	0	00	00	98	00	0	257	36	0	0	9	0	0	36	36	—	—	5.3	—	41.2	—
Bannu	000	0	0	00	00	99	00	0	203	43	0	0	9	0	0	33	40	—	— 1	9.2	—	16.1	11
D. I. Khan	000	0	0	00	00	98	00	0	212	42	0	0	9	0	0	37	38	+ 5	—	1.8	+ 1.5	16.7	10
Sibi	000	0	0	00	00	99	00	0	214	42	0	0	9	0	0	37	41	—	—	4.1	—	9.4	5
Nokkundi	000	0	0	36	02	99	00	0	263	45	0	0	9	0	0	36	42	—	—	0.7	—	1.8	2
Turbat	000	0	0	13	02	97	00	0	190	60	0	0	9	0	0	37	xx	—	—	1.8	—	9.1	—
Jiwani	000	0	0	31	03	97	02	0	193	60	0	0	9	0	0	51	56	—	—	1.7	—	8.4	4
Pasni	000	0	0	29	03	98	00	0	185	56	0	0	9	0	0	41	53	+ 5	0	0.4	— 0.6	13.5	6
Ormara	000	0	0	00	00	98	00	0	182	58	0	0	9	0	0	52	55	—	—	5.9	+ 5.6	9.9	6
Karachi (Manora)	000	0	2	09	10	95	05	1	1 5	56	0	0	9	0	1	48	53	+ 1	— 5	1.6	+ 1.4	18.1	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	193	50	0	0	9	0	0	43	49	—	—	3.3	—	26.2	—
Badin	000	0	0	23	02	96	00	0	186	46	0	0	9	0	0	40	45	+ 1	— 5	0.3	+ 0.1	11.5	9
Nagarparker	000	0	0	00	00	98	00	0	176	60	0	0	9	0	0	46	52	—	—	0	—	30.5	—
Umarkot	000	0	0	05	03	98	00	0	187	47	0	0	9	0	0	27	42	—	—	0.5	—	20.8	—
Hyderabad	000	0	0	36	05	97	02	0	198	51	0	0	9	0	0	42	50	+ 5	— 1	0.5	+ 0.4	19.6	7
Pad-i-dan	000	0	1	00	00	96	01	0	204	45	0	0	9	0	1	40	39	—	—	0.3	—	7.9	—
Nawabshah	000	0	0	00	00	96	02	0	208	43	0	0	9	0	0	37	41	—	—	0.3	—	7.5	—
Sukkur	000	0	0	00	00	95	05	4	198	52	0	0	9	0	0	41	47	—	—	0.8	—	5.3	4
Kashmore	000	0	0	00	00	99	00	0	210	58	0	0	9	0	0	40	42	—	—	1.3	—	3.4	—
Jacobabad	000	0	0	00	00	98	02	0	205	48	0	0	9	0	0	39	47	+ 3	+ 3	0.3	+ 0.1	4.7	4
Veraval	...																						20
Jalalabad	...																						—
Muscat	...																						4
Kuwait	...																						—
HILL STATIONS																							
Srinagar *	...																						26
Gulmarg **	...																						—
Sonamarg **	...																						71
Dras **	...																						26
Leh **	...																						3
Skardu *	...																						—
Miagar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	6
Aliabad *	...	000	0	2	00	00	98	01	1	482	18	0	0	9	0	1	18	09	—				—
Gilgit *	...																						5
Murree *	...	000	0	0	02	13	98	00	0	535	40	0	0	9	0	0	23	34	— 3	+ 1	6.8	+ 4.7	85.2	59
Drosh *	...	000	0	0	00	00	97	02	0	581	27	0	0	9	0	0	26	26	— 6	— 7	11.0	—	41.6	19
Chitral *	...	000	0	0	31	08	98	00	0	535	46	0	0	9	0	0	19	43	+ 3	+ 2	7.4	+ 6.0	38.8	18
Kalam *	...	000	0	0	05	02	97	02	0	532	41	0	0	9	0	0	25	39	—	—	5.9	—	61.0	29
Landi Kotal *	...	000	0	0	00	00	96	00	0	526	38	0	0	9	0	0	25	34	—	—	5.7	—	34.5	—
Parachinar *	...	000	0	0	36	02	98	00	0	543	31	0	0	9	0	0	15	30	—	—	8.1	—	36.2	29
Miranshah *	...	000	0	0	00	00	99	00	0	505	39	0	0	9	0	0	17	33	—	—	1.5	+ 0.9	8.5	13
Wana *	...	000	0	0	00	00	98	00	0	530	33	0	0	9	0	0	24	28	—	—	1.6	—	15.7	—
Fort Sandeman *	...	000	0	0	00	00	98	00	0	546	37	0	0	9	0	0	21	36	+ 5	+ 7	3.3	+ 2.8	21.2	11
Hindubagh *	...	000	0	0	25	06	98	00	0	509	34	0	0	9	0	0	23	33	—	—	7.2	—	20.2	—
Loralai *	...	000	0	1	09	01	98	01	1	329	36	0	0	9	0	1	33	30	—	—	4.1	—	16.7	—
Harnai *	...	xxx	xx	0	00	00	97	00	0	561	36	0	0	9	0	0	29	29	—	—	2.9	+ 1.9	19.2	14
Quetta *	...	000	0	0	09	02	97	00	0	555	38	0	0	9	0	0	24	36	+ 6	+ 1	2.8	+ 1.4	9.0	9
Chaman *	...	000	0	5	16	07	97	03	2	573	33	5	0	9	7	3	31	27	+ 5	+ 1	2.7	+ 1.7	14.6	9
Kalat *	...	000	0	4	09	05	98	03	0	587	49	0	0	9	0	0	29	42	—	—	1.4	—	4.3	—
Nushki *	...	000	9	5	00	00	98	03	1	535	36	0	0	9	0	4	33	36	+ 2	+ 5	1.2	— 0.1	3.5	5
Dalbandin *	...	000	0	0	05	02	98	00	0	562	40	0	0	9	0	0	15	37	0	0	0.3	—	4.4	14
Panjgur *	...																						—
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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 25th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	0 $T_sT_sT_dT_d$	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	53 240	593 00	0 09 05	99 02 0	190 72	00 9 00	55 40 3	...	0 51 66	1 09 22
Elysia	53 140	505 00	3 07 13	98 03 0	170 75	31 5 00	65 71 5	...	0 00 65	1 07 22
City of Swansea	53 111	560 00	1 10 10	98 01 1	134 88	11 5 00	...	...	0 00 69	1 20 33
Grootekerk	53 121	594 00	1 06 10	98 02 0	160 75	12 3 00	26 71 2	...	0 52 68	1 07 21
Moordrecht	53 199	587 00	1 04 09	98 02 0	177 72	12 5 00	...	...	0 53 57	1 04 21
Esso Rotterdam	53 191	581 00	0 06 09	99 02 0	178 72	00 9 03	16 60 2	...	0 53 57	1 08 21
Esso Rotterdam	53 205	591 06	1 04 08	99 02 0	209 73	11 5 03	16 11 9	...	0 51 60	1 04 21
Alfred Fraissinath	53 238	586 06	2 06 03	99 02 0	241 75	21 6 03	76 10 6	...	0 52 60	1 06 xx
Moordrecht	53 212	594 06	1 02 09	98 02 0	211 72	11 5 00	...	...	0 53 66	1 02 21
City of Durham	53 175	567 12	6 04 13	98 03 0	170 77	62 6 00	15 70 5	...	0 00 64	1 04 23
Alfred Fraissinath	53 251	577 12	1 00 00	99 01 0	210 72	21 6 00	76 61 0	...	0 56 53	1 00 xx
Roth	53 254	576 12	0 09 01	98 00 0	199 73	00 9 00	36 60 8	...	0 52 66	1 09 20
Esso Rotterdam	53 221	599 12	1 03 11	99 02 0	178 73	11 5 00	16 61 1	...	0 51 63	1 03 21
City of Durham	53 184	580 18	4 04 14	98 03 1	190 75	4x xx xx	15 21 0	...	0 52 60	1 xxxx
Sampala	53 117	673 18	1 04 13	99 00 0	146 82	11 4 00	16 11 0	...	0 51 72	1 04 32
Alfred Fraissinath	53 264	566 18	0 00 00	98 02 0	220 70	00 9 00	76 20 6	...	0 57 64	1 00 xx
Circassia	53 200	602 18	0 05 11	98 01 1	191 73	00 9 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	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	015 112 088	134 190 999	...	150 085 999	...	310 052 999	434 528 999	...	...		...	...	...
Jiwani ...														
Karachi ...	00 00	015 098 078	145 182 999	...	150 128 997	...	315 098 999	441 018 999	585 590 999	753 742 999	956 895	224 055	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	977 055 025	...	...	149 065 538	...	308 012 615	431 552 725	572 632 999	739 730 999	945 852	218 975	404 025	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTT\ T_dT_dT_d$									Max. Height Reached $PPPTTT\ T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 122 068	854 075 048	...	...	...	...	...	...	...	854 075 048	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	200 055 999	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 072 525	800 052 562	350 782 999	250 932 999	110 025 999	...	...	...	...	110 025 999	...	...
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	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 ...	26 06	27 05	29 04	35 76	36 10	28 21	...	...	...	36 11	01 07	03 05	09 06	08 07	32 23	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	01 07	02 08	01 09	01 03	28 09	29 21	29 31	28 35	29 42	24 10	04 07	04 05	01 08	01 06	29 25	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	01 03	17 03	25 06	...	...	...	...	...	...	01 10	01 05	06 02	21 07	24 16	29 21	35 03	36 03	27 03	24 13	24 17	26 13	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	01 14	02 04	24 02	22 14	25 17	27 21	35 07	36 04	22 06	23 13	23 16	27 19	...	...	...	...	...
Dacca ...	27 12	28 07	29 05	30 09	27 21	28 42	25 51	28 70	28 76	01 03	01 04	36 04	24 03	30 12	28 28	34 04	34 03	34 04	28 07	30 09	28 15	...	...	...	...	...
Dalbandin ...	...	...	08 09	04 08	02 02	31 13	29 21	28 39	28 55	...	...	08 09	04 11	36 17	31 17	...	...	08 09	06 18	02 21	32 15	29 31	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 08	02 08	36 03	09 01	36 08	...	...	...	14 04	18 12	08 07	...	...	...	...	04 13	02 15	01 25	...	...	...	...
Fort Sandeman ...	...	...	...	30 08	29 09	30 17	30 34	29 41	29 54	...	...	...	22 04	32 06	31 15	...	...	...	21 02	30 05	28 07	27 20	27 30	27 37	28 58	...
Jacobabad ...	24 01	22 03	24 03	34 08	32 10	29 04	29 40	27 70	...	30 03	26 03	31 04	34 11	30 12	33 09	34 01	32 03	36 03	29 06	25 03	21 17	29 41	28 47	28 57	...	...
Jessore ...	28 06	28 08	28 09	31 12	28 23	29 27	...	...	...	36 15	01 12	03 07	33 06	32 10	27 19	32 06	35 05	35 05	29 05	31 08	30 17	...	...	...	...	...
Jhelum ...	30 05	30 13	30 11	29 10	30 09	28 08	29 12	25 12	29 31	33 06	32 12	33 09	33 09	30 09	28 09	31 05	34 07	36 06	32 10	29 07	32 12	32 30	32 36	31 36	...	...
Jiwani ...	33 05	36 04	01 07	02 07	32 07	29 16	27 31	27 33	27 40	34 09	35 09	03 08	05 10	03 05	29 12	03 13	03 12	03 09	02 07	21 05	28 11	26 29	26 30	25 37	25 47	25 63
Karachi ...	26 05	33 06	36 07	36 11	30 12	29 25	28 33	28 32	29 33	31 03	28 04	34 05	05 12	01 06	30 20	08 01	35 02	35 03	07 07	07 12	29 14	29 24	28 24	28 37	28 45	...
Khanpur ...	24 06	22 06	25 08	29 09	31 10	30 12	29 33	28 38	25 50	22 05	23 06	20 06	27 06	28 09	28 10	19 04	21 05	21 05	15 06	22 07	29 10	29 27	29 50	29 57	...	...
Lahore ...	31 07	30 09	29 13	31 13	31 11	29 15	29 17	29 23	29 31	31 05	30 10	30 12	31 14	34 12	33 14	36 03	31 08	31 09	31 10	30 15	31 19	31 34	31 43	30 49	29 60	...
Multan ...	16 04	18 07	18 11	31 11	32 14	29 15	28 25	30 32	29 40	16 05	20 03	24 06	08 01	04 04	28 20	17 03	14 03	14 02	09 06	20 07	28 14	28 17	27 29	27 37	28 46	28 76
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	27 03	31 03	31 12	30 27	28 21	28 17	30 35	29 40	...	...	...	...	...	...	...	14 03	27 04	31 07	30 04	30 15	32 24	30 30	29 47	...	...
Quetta ...	...	...	...	...	33 07	31 19	30 40	30 61	28 37	...	...	...	...	30 03	31 17	...	...	...	...	30 02	31 02	28 34	27 46	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	24 10	22 07	18 05	06 05	25 07	25 19	25 24	26 27	...	07 09	xx 06	13 05	13 11	09 11	30 26	14 01	08 03	09 06	08 09	25 05	28 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 ...	31 05	36 05	34 05	35 05	30 03	26 06	26 27	...						...	...	...	...	...
Karachi ...	02 06	30 06	05 07	05 07	01 04	30 13	29 21	28 28	28 34	28 35	27 45	28 58	28 62	...	...	...	...	...
Peshawar ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

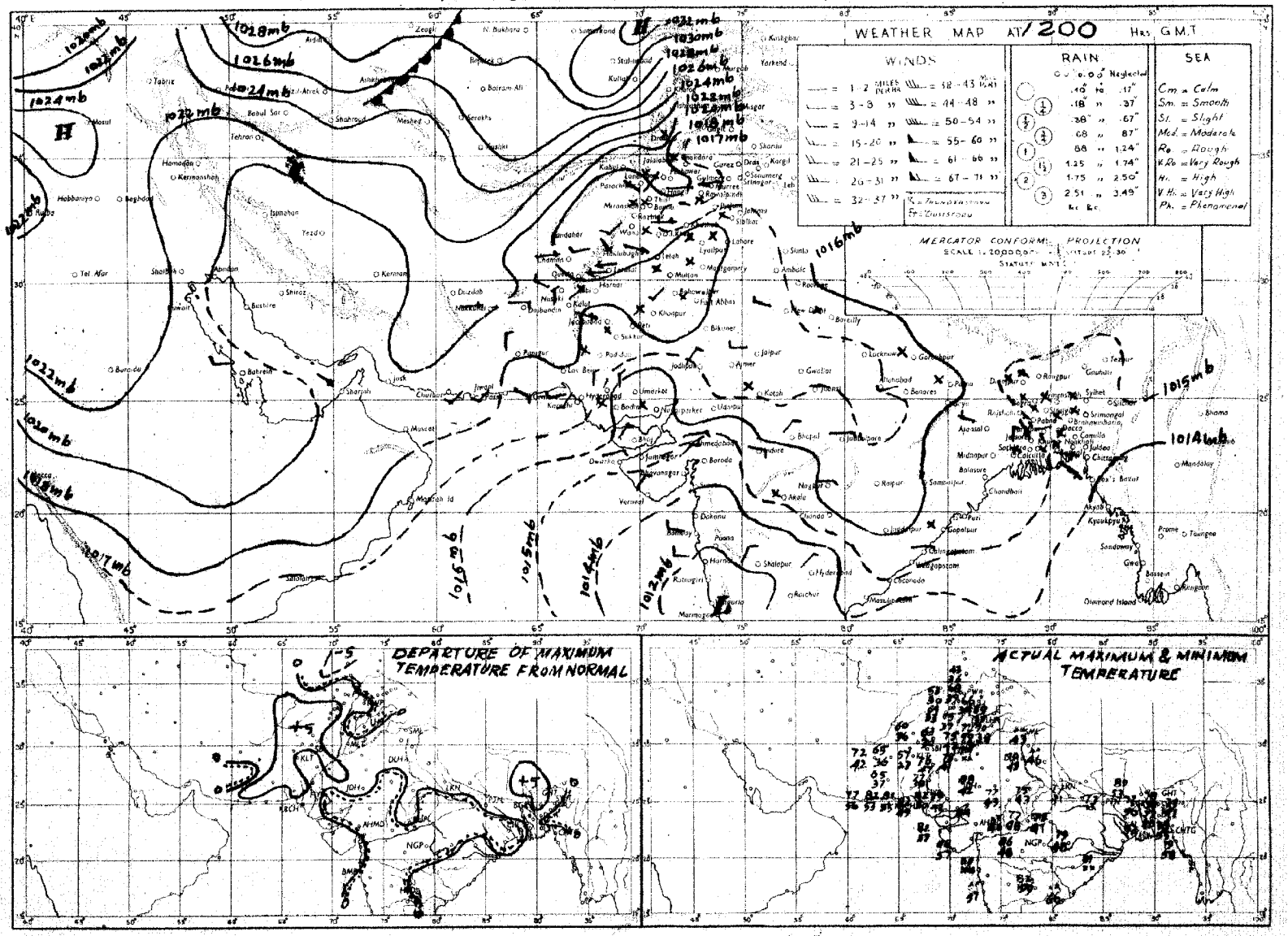
Cloud observation Data (GGiii Cdd V,V, etc.)

06 712 32 930 02 780

The accuracy of individual entries in this report can not be guaranteed, Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11.

PAKISTAN DAILY WEATHER MAP

THURSDAY 24th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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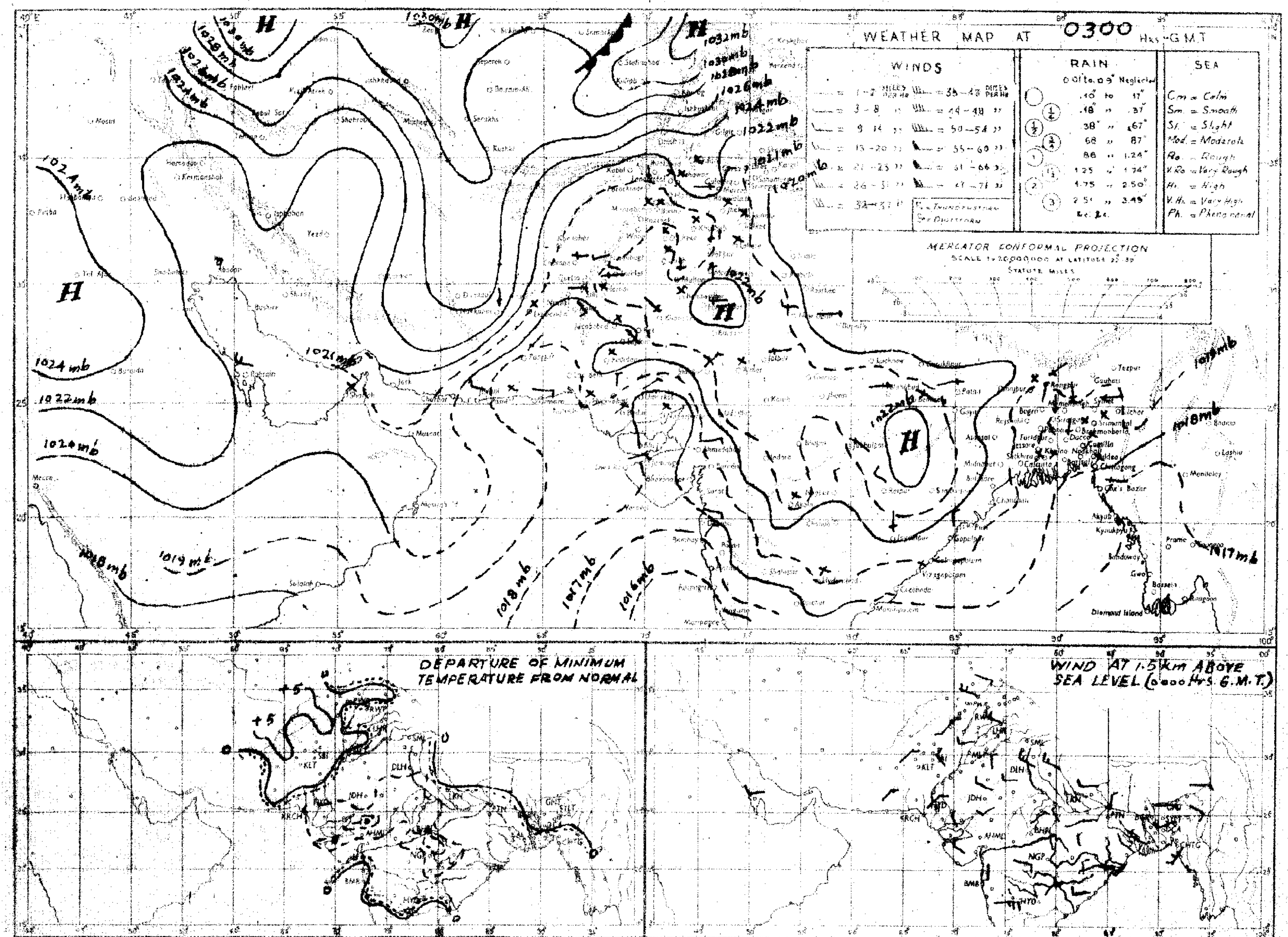
PAKISTAN DAILY WEATHER MAP

FRIDAY 25th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg No. S-1457
Volume No. 13

SATURDAY THE 26th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Dry continental air continues to prevail over the country where weather remained dry.

Night temperatures were 3—4°F above normal in Rajshahi and north Kalat divisions and 3—5°F below normal in Rawalpindi, Hyderabad divisions and the ederal Capital Area.

Forecast valid until the evening of 27th December, 1959. dry Weather will continue over the country.

Karachi-11
The 26th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous pay: 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	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	13	19
Chittagong	Cox's Bazar	000	0	2	34	02	94	01	0	147	69	0	0	9	0	6	59	77
	Chittagong	000	0	8	00	00	96	00	0	xxx	67	9	0	9	x	x	62	78
	Maijdee Court	000	9	0	00	00	xx	10	0	150	67	9	x	9	x	x	62	76
	Comilla	000	0	0	00	00	xx	02	0	157	79	0	0	9	0	0	61	79
	Brahmanbaria	000	0	0	00	00	xx	00	0	152	68	0	0	9	0	0	59	97
	Sylhet	000	0	0	00	00	xx	01	0	147	67	0	0	9	0	0	56	79
	Srimangal	000	0	0	00	00	xx	00	0	149	69	0	0	9	0	0	60	78
Dacca	Mymensingh	000	0	0	00	00	96	00	0	154	71	0	0	9	0	0	55	77
	Narayanganj	000	9	0	00	00	xx	05	4	147	70	0	0	9	0	0	58	79
	Dacca (Tejgaon)	000	0	1	00	00	97	02	0	149	69	1	0	9	7	0	57	77
	Faridpur	000	9	1	00	00	94	10	0	146	71	0	0	9	0	0	59	75
	Barisal	000	0	0	00	00	96	02	1	150	71	0	0	9	0	0	66	77
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	147	70	0	0	9	0	0	63	77
	Sarkhira	000	0	0	00	00	98	00	0	160	68	0	0	9	0	0	56	77
	Jessore	000	0	0	36	02	97	00	0	149	71	0	0	9	0	0	59	77
	Sirajganj	000	0	0	00	00	94	00	1	150	66	0	0	9	0	0	61	78
	Bogra	000	0	2	00	00	xx	02	0	150	67	2	5	6	0	0	58	77
	Dinajpur	000	0	0	00	00	xx	00	0	157	71	0	0	9	0	0	59	79
	Rangpur	000	0	0	00	00	96	01	0	xxx	63	0	0	9	0	0	58	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	184	66	0	0	9	0	0	39	69
	Sialkot	000	0	0	00	00	90	00	0	181	70	0	0	9	0	0	47	73
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	176	62	0	0	9	0	0	40	69
	Rawalpindi	000	0	0	27	02	99	00	0	182	57	0	0	9	0	0	38	68
	Khushab	000	0	0	00	00	90	00	0	181	70	0	0	9	0	0	47	73
Multan	Lyallpur	000	0	0	00	00	96	00	0	184	67	0	0	9	0	0	44	73
	Montgomery	000	0	0	00	00	96	00	0	187	79	0	0	9	0	0	51	79
	Multan	000	0	6	00	00	96	00	0	168	71	0	0	9	0	0	41	73
Bahawalpur	Leiah	000	0	0	00	00	90	04	0	161	71	0	0	9	0	0	47	73
	Khanpur	000	0	0	00	00	96	03	0	206	73	0	0	9	1	0	50	79
	Bahawalpur	000	0	6	00	00	98	03	0	186	72	6	0	9	0	2	48	77
	Fort Abbas	000	0	1	36	02	98	00	0	179	70	0	0	9	1	0	46	77
Peshawar	Chakdara	000	0	0	00	00	96	00	0	172	57	0	0	9	0	0	41	61
	Peshawar	000	0	1	00	00	97	03	0	192	62	0	0	9	0	1	41	67
	Haripur	000	0	0	23	02	97	00	0	163	64	0	0	9	0	0	37	70
	Campbellpur	000	0	0	05	03	98	00	0	204	40	9	0	9	0	0	35	63
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	146	69	0	0	9	0	0	41	68
	D. I. Khan	000	6	0	00	00	98	00	0	163	67	0	0	9	0	0	51	71
Quetta	Sibi	000	0	4	18	02	99	03	1	175	77	0	0	9	0	0	31	78
Kalat	Nokkundi	000	0	0	16	02	99	00	0	186	69	0	0	9	0	0	36	71
	Turbat	000	0	0	09	02	98	00	0	162	84	0	0	9	0	0	43	86
	Jiwani	000	0	0	13	02	97	02	0	162	78	0	0	9	0	0	33	81
	Pasni	000	0	0	10	07	98	00	0	160	75	0	0	9	0	0	63	78
	Ormara	000	0	0	18	05	98	00	0	159	76	0	0	9	0	0	59	78
	Las Bela	000	0	0	00	00	xx	00	0	163	84	0	0	9	0	0	44	86
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	09	98	02	0	167	77	0	0	9	0	0	69	79
	Karachi (Air Port)	000	0	0	23	03	97	02	0	165	77	0	0	9	0	0	49	80
	Badin	000	0	0	00	00	97	00	0	162	77	0	0	9	0	0	50	81
	Nagarparkar	000	0	0	00	00	98	00	0	158	77	0	0	9	0	0	49	85
	Umarkot	000	0	0	36	03	98	00	0	155	79	0	0	9	0	0	41	81
	Hyderabad	000	0	0	36	05	97	02	0	172	74	0	0	9	0	0	39	80
Khairpur	Padi-i-dan	000	0	0	34	02	97	02	0	172	73	0	0	9	0	0	45	77
	Nawabshah	000	0	0	00	00	97	02	0	182	75	0	0	9	0	0	36	78
	Sakkar	000	6	0	02	02	96	00	0	172	70	0	0	9	0	0	45	77
	Kashmore	000	0	0	18	02	99	00	0	175	72	0	0	9	0	0	39	75
	Jacobabad	000	0	1	36	02	98	01	0	172	72	0	0	9	0	1	45	76
Junagadh Afghanistan	Veraval																	
	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
Kashmir	HILL STATIONS																	
	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Bhagar **																	
	Alirabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	25	02	98	00	0	529	42	0	0	9	0	0	29	48
Peshawar	Drosh *	000	0	4	09	05	97	03	2	568	40	0	0	9	0	0	31	43
	Chitral *	000	0	0	31	08	98	00	0	533	49	0	0	9	0	0	20	53
	Kakul *	000	0	1	18	02	98	01	0	531	53	0	0	9	3	0	34	62
	Landi Kotal *	000	0	0	00	00	99	00	0	528	50	0	0	9	0	0	28	55
D. I. Khan	Parachinar *	000	0	0	31	03	98	00	0	521	52	0	0	9	0	0	17	57
	Miranshah *	000	0	0	00	00	99	00	0	416	56	0	0	9	0	0	27	63
	Wana *	000	0	0	11	02	99	00	0	480	56	0	0	9	0	0	23	53
Quetta	Fort Sandeman *	000	0	2	34	01	98	10	1	563	62	0	0	9	0	1	27	64
	Hindubagh *	000	0	0	25	05	98	00	0	513	53	0	0	9	0	0	21	56
	Loralai *	000	0	5	13	02	97	01	1	344	60	2	2	7	0	1	57	62
	Nasnai *	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	4	31	02	98	01	2	539	51	0	0	9	0	1	28	51
Kalat	Cherman *	000	0	0	31	02	97	00	0	542	55	0	0	9	0	0	28	51
	Kalat *	000	0	5	36	05	98	02	2	553	49	0	0	9	0	1	21	56
	Nuskki *	000	0	4	31	05	98	02	1	605	61	4	0	9	0	1	26	63
	Dalbandin *	000	8	7	07	05	98	03	2	550	62	1	0	9	3	4	27	63
	Panjgur *	000	0	0	36	03	98	00	0	537	66	0	0	9	0	0	27	66
Afghanistan	Kabul *																	
	Kandahar *																	

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	0	07	02	97	00	0	179	67	0	0	9	0	0	60	66	− 2	+ 10	1.7	− 2.5	142.8	140
	Chittagong	000	0	0	02	02	96	00	0	189	66	0	0	9	0	0	58	54	+ 1	− 1	1.4	− 1.4	143.4	100
	Maijdee Court	000	9	0	00	00	98	00	0	192	67	0	0	9	0	0	59	54	− 2	− 3	0.1	− 1.7	144.7	115
	Comilla	000	0	0	00	00	97	00	0	166	64	0	0	9	0	0	57	53	+ 3	0	0	− 1.6	107.8	94
	Brahmanbaria	000	0	0	00	00	97	00	0	186	70	0	0	9	0	0	57	55	−	−	0	− 1.3	85.2	76
	Sylhet	000	0	0	00	00	96	01	0	188	66	0	0	9	0	0	55	54	−	−	0	−	193.9	—
	Srimangal	000	0	0	00	00	96	00	0	189	62	0	0	9	0	0	58	45	− 2	− 2	0	− 1.6	109.4	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	−		−		91
	Narayanganj	000	0	0	31	02	94	01	4	189	65	0	0	9	0	0	58	58	+ 2	+ 3	0	− 1.1	103.9	74
	Dacca (Tejgaon)	000	9	0	36	03	96	02	0	189	65	0	0	9	0	0	57	52	−	−	0	−	103.6	—
	Faridpur	000	9	0	36	02	94	41	4	187	66	0	0	9	0	0	57	55	0	+ 3	0	− 1.3	116.6	71
	Barisal	000	0	0	36	01	97	02	1	186	65	0	0	9	0	0	56	57	0	+ 3	0	− 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	96	00	0	197	68	0	0	9	0	0	55	57	0	+ 4	0	− 1.3	103.8	68
	Sarkhira	000	0	0	36	05	98	00	0	198	67	0	0	9	0	0	53	55	− 2	+ 4	0	− 1.9	82.1	65
	Jessore	000	0	0	05	05	97	00	0	196	65	0	0	9	0	0	56	53	−	−	0	− 1.1	105.8	65
	Sirajganj	000	0	0	31	02	98	00	0	191	65	0	0	9	0	0	58	58	+ 3	−	0	− 0.8	107.7	64
	Bogra	000	0	0	36	02	97	00	0	195	63	0	0	9	0	0	56	55	+ 2	+ 2	0	− 0.9	104.4	69
	Dinajpur	000	0	0	00	00	96	00	0	188	64	0	0	9	0	0	53	52	+ 5	+ 3	0	− 0.5	68.9	72
	Rangpur	000	0	0	36	03	96	01	0	xxx	63	0	0	9	0	0	58	51	+ 3	+ 2	0	− 0.5	92.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	217	41	0	0	9	0	0	37	37	− 2	− 2	1.1	+ 0.7	27.1	19
	Sialkot	000	0	0	00	00	97	00	0	212	50	0	0	9	0	0	43	40	+ 7	+ 1	3.1	+ 2.3	61.8	32
Rawalpindi	Jhelum	000	0	0	00	00	96	10	0	219	38	0	0	9	0	0	35	37	−	−	5.1	−	55.3	—
	Rawalpindi	000	0	0	00	00	98	00	0	234	37	0	0	9	0	0	36	34	+ 3	− 3	4.4	+ 3.2	56.7	36
	Khushab	000	0	0	00	00	99	00	0	224	38	0	0	9	0	0	35	36	+ 3	− 4	1.1	+ 0.7	23.5	15
Multan	Lyallpur	000	0	0	00	00	94	41	4	217	40	0	0	9	0	0	39	39	+ 5	− 1	0.4	+ 0.1	18.6	12
	Montgomery	000	0	0	00	00	96	00	0	222	42	0	0	9	0	0	40	39	− 1	− 2	0.1	− 0.1	8.5	10
	Multan	000	0	0	00	00	94	46	0	218	42	0	0	9	0	0	39	42	+ 4	+ 1	0.1	− 0.1	8.3	7
Bahawalpur	Leiah	000	0	2	00	00	98	04	0	226	43	0	0	9	0	2	38	30	−	−	2.5	−	7.0	8
	Khanpur	000	0	0	00	00	96	03	0	221	51	0	0	9	0	0	39	43	+ 6	+ 2	0	− 0.2	1.4	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					6
	Fort Abbas	000	0	0	11	02	98	00	0	214	45	0	0	9	0	0	38	xx	−	−	1.0	−	10.2	4
Peshawar	Chakdara	000	0	0	00	00	98	00	0	233	36	0	0	9	0	0	31	34	−	−	5.1	−	33.5	—
	Peshawar	000	0	0	18	02	98	02	0	231	40	0	0	9	0	0	32	37	+ 2	− 3	5.9	+ 5.0	29.2	14
	Haripur	000	0	0	09	02	97	00	0	166	43	0	0	9	0	0	29	38	−	−	4.5	−	35.7	—
	Campbellpur	000	0	0	00	00	97	00	0	2 0	37	0	0	9	0	0	35	34	−	−	5.3	−	41.2	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	212	45	0	0	9	0	0	34	41	−	− 1	3.2	−	16.1	11
	D. I. Khan	000	0	0	31	02	98	00	0	220	44	0	0	9	0	0	37	38	+ 1		1.8	+ 1.5	16.7	10
Quetta	Sibi	000	0	0	00	00	99	00	0	220	42	0	0	9	0	0	41	41	−	−	4.1	−	9.4	5
Kalat	Nokkundi	000	0	0	11	02	98	00	0	230	45	0	0	9	0	0	xx	46	−	−	0.7	−	1.8	2
	Turbat	000	0	0	08	02	97	00	0	206	54	0	0	9	0	0	34	xx	−	−	1.8	−	9.1	—
	Jiwani	000	0	1	02	02	97	03	0	192	60	1	0	9	3	0	54	57	−	−	1.7	−	8.4	4
	Pasni	000	0	0	34	03	98	00	0	187	59	0	0	9	0	0	57	55	+ 1	+ 1	0.4	− 0.4	13.5	6
	Ormara	000	0	0	00	00	96	05	0	189	59	0	0	9	0	0	59	57	−	−	5.9	+ 5.5	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	198	62	0	0	9	0	0	42	48	−	−	0.4	−	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	00	00	95	00	0	199	62	0	0	9	0	0	53	51	+ 2	− 7	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	0	36	02	96	02	0	192	53	0	0	9	0	0	39	49	−	−	3.3	−	26.2	—
	Badin	000	0	0	33	02	96	00	0	191	45	0	0	9	0	0	38	44	+ 2	− 5	0.3	+ 0.1	11.5	9
	Nagarparkar	000	0	0	00	00	98	00	0	182	62	0	0	9	0	0	38	54	−	−	0	−	30.5	—
	Umarkot	000	0	0	36	02	98	00	0	185	47	0	0	9	0	0	28	43	−	−	0.5	−	20.8	—
	Hyderabad	000	0	0	36	05	97	02	0	197	52	0	0	9	0	0	41	51	+ 2	0	0.5	+ 0.4	19.6	7
Khairpur	Padi-i-dan	000	0	0	34	02	96	01	0	209	46	0	0	9	0	1	44	43	−	−	0.3	−	7.9	—
	Nawabshah	000	0	0	00	00	96	02	0	214	44	0	0	9	0	0	39	43	−	−	0.3	−	7.5	—
	Sakkar	000	0	0	00	00	99	00	0	213	52	0	0	9	0	0	33	42	−	−	0.8	−		4
	Kashmore	000	0	0	00	00	98	03	0	213	50	0	0	9	0	1	36	46	+ 3	+ 2	1.3	−	3.4	—
	Jacobabad	000	0	1	00	00	98	03	0	213	50	0	0	9	0	1	36	46	+ 3	+ 2	0.3	+ 0.1	4.7	4
Junagadh Afghanistan	Veraval																							20
	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
Kashmir	HILL STATIONS																							
	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Bhagar **																							—
	Alirabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	00	00	97	02	0	505	41	0	0	9	0	0	26	35	+ 1	+ 2	6.8	+ 4.6	85.2	59
Peshawar	Drosh *	000	0	0	05	06	98	00	0	586	26	0	0	9	0	0	25	25	− 6	− 6	11.0	−	41.6	18
	Chitral *	000	0	0	36	02	97	02	0	545	48	0	0	9	0	0	16	45	+ 1	+ 5	7.4	+ 5.9	38.8	29
	Kakul *	000	0	0	00	00	98	00	0	526	37	0	0	9	0	0	21	32	−	−	5.9	−	61.0	—
	Landi Kotal *	000	0	0	13	03	98	00	0	536	37	0	0	9	0	0	17	31	−	−	5.7	−	34.5	—
D. I. Khan	Parachinar *	000	0	0	00	00	99	00	0	510	36	0	0	9	0	0	25	33	−	−	8.1	−	36.2	29
	Miranshah *	000	0	0	23	02	99	00	0	529	32	0	0	9	0	0	23	29	−	−	1.5	+ 0.9	8.5	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−	−	1.6	−	15.7	13
Quetta	Fort Sandeman *	000	0	0	31	05	98	00	0	538	30	0	0	9	0	0	21	29	+ 3				21.2	—
	Hindubagh *	000	0	2	31	03	98	01	0	xxx	xx	3	3	8	0	1	28	31	−	−	7.2	−	20.2	11
	Loralai *	000	0	0	39	01	97	00	0	512	37	0	0	9	0	0	26	37	−	−	4.1	−	16.7	—
	Nasnai *	000	0	1	00	00	96	03	1	549	37	0	0	9	0	0	27	26	−	−	2.8	+ 1.4	9.0	—
	Quetta *	000	0	0	09	01	97	00	0	512	37	0	0	9	0	0	26	37	+ 5	−	2.9	+ 1.9	13.2	14
Kalat	Cherman *	000	0	2	18	05	98	02	1	574	31	0	0	9	0	1	31	28	+ 4	+ 2	2.8	+ 1.4	9.0	8
	Kalat *	000	0	2	09	15	98	03	0	582	49	0	0	9	0	2	24	44	−	−	2.7	+ 1.6	14.6	7
	Nuskki *	000	9	2	00	00	98	01	1	520	36	0	0	9	0	1	31	36	0	+ 4	1.4	−	4.3	9
	Dalbandin *	000	0	0	05	03	96	00	0	526	40	0	0	9	0	0	19	37	+ 1	0	1.2	+ 0.6	3.5	—
	Panjgur *																				0.3	−	4.4	5
Afghanistan	Kabul *																							14
	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 rain, fall 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 26th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_s h_s	0 $T_sT_sT_dT_d$	1 $d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	63 262	567 00	0 31 03	98 00 0	172 72	00 9 00	35 71 2	...	0 58 70	1 00 xx
Grooteber	63 092	550 00	1 04 16	98 02 0	135 77	12 4 00	36 71 8	...	0 52 70	1 04 21
Roma	63 160	576 00	8 05 05	97 02 0	159 75	88 3 00	66 70 8	...	0 56 60	1 05 21
Moordrecht	63 247	579 00	0 00 00	98 02 0	188 72	00 9 00	...	...	0 53 55	1 00 xx
City of Durham	63 200	603 06	1 04 13	98 02 0	198 75	11 7 00	15 00 5	...	0 52 60	1 04 23
Fogo	63 249	578 06	0 00 00	98 00 0	190 79	00 9 00	35 12 4	...	0 02 70	1 00 xx
Fogo	63 236	589 12	0 32 05	98 09 0	157 72	00 9 00	36 60 8	...	0 51 xx	1 00 60
Isocardia	63 153	520 15	0 09 14	98 02 0	175 xx	00 9 00	26 20 5	...	0 54 64	1 09 20
Eibomaru	63 141	720 18	0 23 07	97 00 0	150 84	00 9 00	75 11 0		0 51 73	1 22 37
Alvelos	63 236	589 18	0 00 00	96 02 0	150 72	00 9 00	75 40 0	...	0 56 64	1 00 xx
Chatcamp	63 095	649 18	3 04 13	99 02 1	137 82	32 4 00	25 12 1	...	0 51 77	1 00 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTT TdTdTd)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 125 105	000 232 132	..	145 102 999	...	310 028 999	434 515 999	534 605 999	xxx xxx xxx	951 878	...	—	...
Jiwani ...														
Karachi ...	00 00	015 112 012	144 185 999	...	145 120 999	...	313 060 999	434 522 999	580 625 999	745 778 999	947 895	201 095	379 148	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	977 062 025	...	...	150 095 512	...	312 032 595	435 638 658	577 622 735	744 745 999	948 860	222 010	406 090	659 100
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels (PPPTTT TdTdTd)									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 105 375	...	...	...	...	...	...	...	—	900 105 375	...	
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	150 148 999	...	
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 095 008	800 082 548	350 745 999	250 915 999	069 120 999	...	...	...	...	069 120 999	...	—
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l →	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 ...	35 07	34 06	33 06	31 08	28 09	...	...	...	...
Chakiala ...	...	...	...	...	...	...	...	...	...
Chhor ...	03 08	03 11	03 11	06 09	06 06	29 17	29 21	29 25	29 31
Chittagong ...	32 06	02 04	03 03	22 08	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...
Dacca ...	34 07	34 06	35 06	34 09	30 09	27 16	27 25	27 45	27 45
Dalbandin ...	...	...	08 07	05 16	01 13	30 15	29 21	28 26	27 31
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 06	03 13	01 12	03 06	09 06
Fort Sandeman ...	...	...		26 01	29 08	29 15	29 19	29 29	29 43
Jacobabad ...	01 01	20 01	27 01	27 05	31 08	29 30	29 41	28 49	...
Jessore ...	34 06	34 07	35 07	35 10	30 10	28 17	...	...	...
Jhelum ...	29 06	30 10	31 09	32 12	35 07	03 06	32 09	29 16	28 20
Jiwani ...	08 05	05 06	06 09	01 03	31 04	28 07	28 25	25 30	25 32
Karachi ...	13 03	04 05	04 09	07 07	30 10	30 14	29 19	29 28	27 32
Khanpur ...	...	...	...	...	...	...	...	...	...
Lahore ...	32 07	31 10	31 13	33 15	33 11	33 17	31 16	30 18	28 25
Multan ...	14 02	10 01	11 01	22 06	27 11	28 17	28 21	29 29	29 38
Muscat ..	...	...	...	...	...	...	...	...	...
Panjgur ..	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	34 03	29 13	28 18	29 31	28 52
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 05	24 04	24 03	05 06	01 07	20 22	27 32	28 49	...
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 ...	35 16	35 09	01 09	02 07	30 10	28 22
Chakiala ...	...	05 02	12 02	09 02	01 02	27 06
Chhor ...	06 09	06 05	08 06	35 05	29 09	28 15
Chittagong ...	35 08	33 05	13 03	25 06	27 13	27 22
Cox's Bazar ...	35 11	01 07	17 04	22 07	26 17	27 21
Dacca ...	35 05	35 10	35 08	29 04	29 13	28 24
Dalbandin ...	...	...	07 05	01 06	31 09	28 13
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	13 02	08 03	15 09
Fort Sandeman ...	...	...	...	29 03	28 03	29 13
Jacobabad ...	08 06	04 05	24 06	20 06	24 08	32 37
Jessore ...	36 21	01 11	01 10	33 05	31 12	29 22
Jhelum ...	33 09	31 09	35 04	32 07	01 05	30 08
Jiwani ...	09 05	07 06	11 05	12 08	16 02	27 15
Karachi ...	07 08	09 08	12 06	07 07	34 04	26 10
Khanpur ...	09 09	09 07	13 04	27 10	26 06	33 12
Lahore ...	34 06	32 11	33 14	31 15	29 15	31 08
Multan ...	06 02	04 01	23 03	27 09	31 05	27 18
Muscat ..	...	...	...	...	...	...
Panjgur ..	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	02 07	03 02	09 04	06 09	03 04	28 16
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 07	35 08	36 07	36 03	...	...	...	...	...	...	...
Chakiala ...	...	23 01	21 03	17 03	23 04	23 04	27 15	27 20	27 36	27 40	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	01 03	18 04	19 04	27 03	26 12	26 21	27 35	28 41	28 50	...	...
Cox's Bazar ...	36 20	01 09	12 04	23 10	25 10	26 19	27 39	29 41	29 44	...	...
Dacca ...	01 12	35 08	02 08	36 04	32 08	27 18	27 35	28 54	28 51	27 63	26 76
Dalbandin ...	...	...	08 05	03 02	32 07	27 10	28 23	26 31	26 43	26 51	25 66
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 04	01 16	18 06	20 05	23 08	27 35	27 71
Fort Sandeman ...	...	...	...	28 01	26 06	28 10	27 32	27 39	28 45	27 49	27 90
Jacobabad ...	09 03	08 01	17 02	24 04	27 08	27 17	26 32	26 37	26 56	...	...
Jessore ...	36 03	35 05	34 07	32 10	29 15	29 28	29 47	28 56	29 54	...	...
Jhelum ...	33 03	35 05	27 03	26 05	31 04	24 03	30 16	28 25	28 31	...	...
Jiwani ...	10 07	10 07	08 05	13 08	16 08	25 12	25 25	25 32	24 42	24 54	25 66
Karachi ...	07 13	09 06	06 06	12 06	26 06	26 17	27 26	25 33	25 41	26 50	...
Khanpur ...	13 07	10 06	07 04	31 04	28 06	26 13	28 31	28 39	28 57	...	...
Lahore ...	32 06	30 09	30 14	30 14	33 09	31 07	29 17	28 17	28 22	29 42	28 57
Multan ...	23 04	21 03	21 03	24 07	22 06	27 12	27 25	29 44	29 59	28 75	...
Muscat ..	...	...	...	...	...	...	...	...	...	...	...
Panjgur ..	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	17 05	26 12	29 35	27 43	27 50	26 64	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 03	06 04	10 05	06 06	32 03	26 14	28 44	27 51	27 61	...	...
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 15	35 19	35 19	35 15	33 06	34 04	28 15	28 23	27 33	27 29	27 38	27 55	...	...	...	...	...	...
Karachi ...	07 09	07 06	08 06	07 05	04 05	29 14	27 21	27 24	26 32	26 37	25 52	26 67	26 85	27 92	...	...	...	...
Peshawar ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

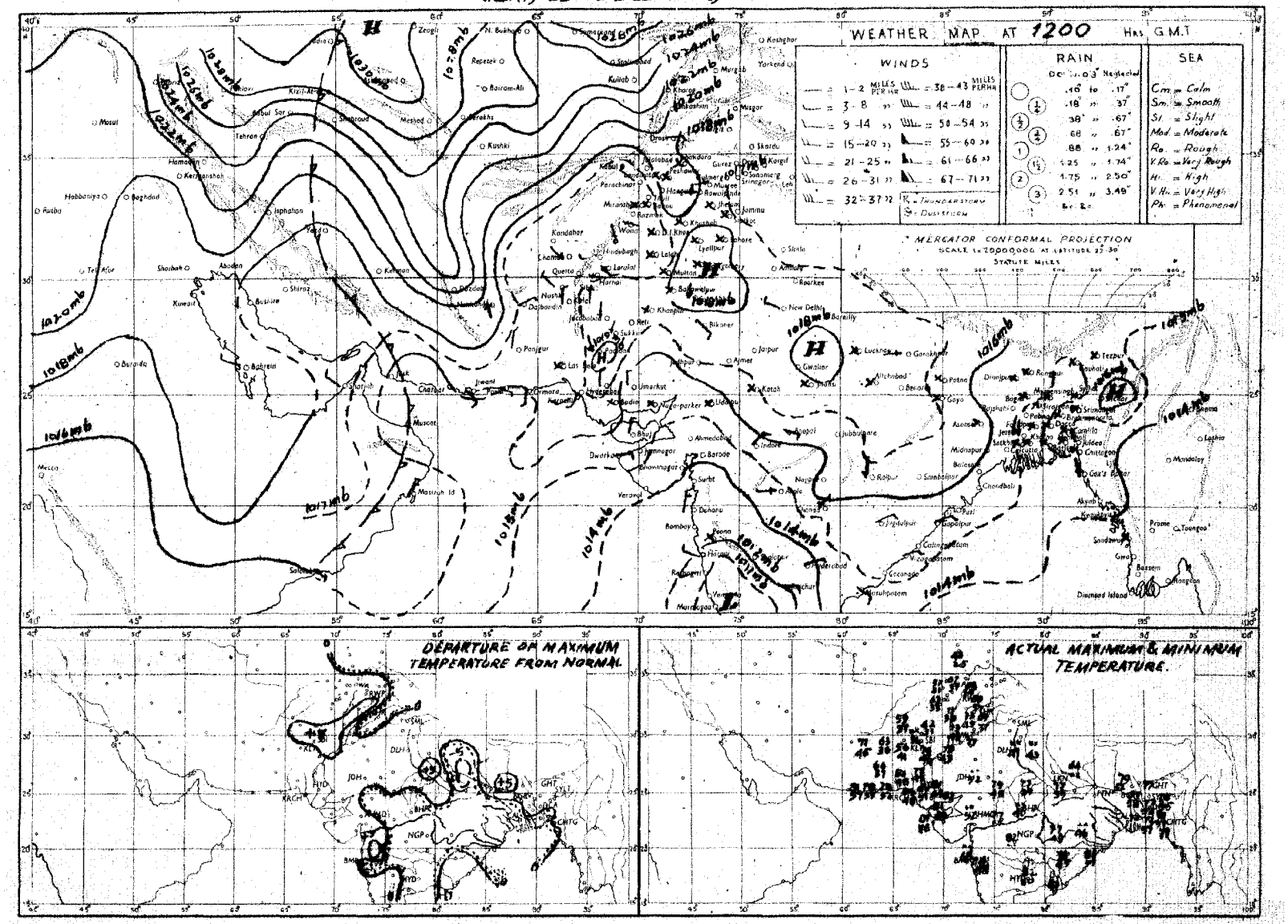
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—II.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 25th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past hours.

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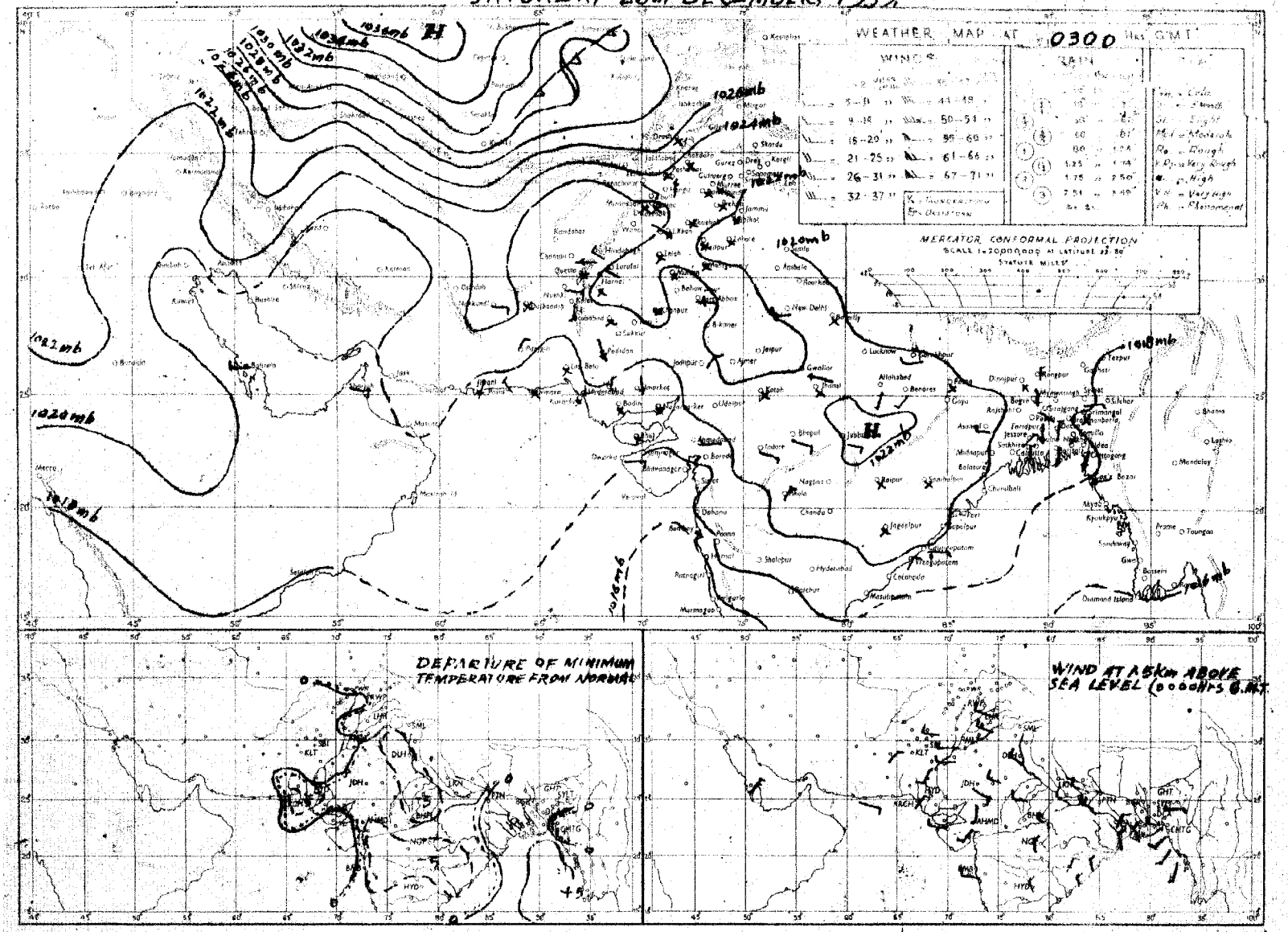
PAKISTAN DAILY WEATHER MAP

SATURDAY 26th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 27th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

A fresh western disturbance is moving across Russian Turkistan north of Afghanistan with its trough extending to D. I. Khan division and adjoining areas.

Weather remained dry over the country.

Night temperatures were 3—4°F above normal in Kalat, Quetta, Khairpur and Bahawalpur divisions and were 3—6°F below normal in Rawalpindi, Lahore and Hyderabad divisions.

Forecast valid until the evening of 28th December, 1959. Scattered rain/drizzle may fall in D. I. Khan, Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 27th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous Day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum Temperature °F (TaTa)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	2	34	02	xx	01	0	146	69	0	0	9	0	0	51	77	000	0	2	34	02	97	03	0	181	69	0	0	9	0	1	63	xx	— 1	×	1.7	— 2.5	142.8	140
	Chittagong	000	0	0	31	05	96	00	0	150	69	0	0	9	0	0	61	78	000	0	0	02	05	96	00	0	191	66	0	0	9	0	0	51	55	+ 1	— 0	1.4	— 0.9	143.4	100
	Maijdee Court	000	0	0	00	00	xx	11	0	152	67	0	0	9	0	0	53	76	000	0	0	00	00	98	00	0	193	63	0	0	9	0	0	60	54	— 2	— 3	0.1	— 1.8	144.7	115
	Comilla	000	0	0	00	00	94	00	0	145	68	0	0	9	0	0	54	79	000	0	0	00	00	97	00	0	190	63	0	0	9	0	0	58	54	+ 2	+ 1	0	— 1.6	107.8	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	158	70	0	0	9	0	0	58	79	000	0	0	00	00	97	00	0	193	66	0	0	9	0	0	61	56	—	—	0	— 1.3	85.2	76
	Sylhet	000	0	0	00	00	xx	02	0	146	68	0	0	9	0	0	57	79	000	0	0	09	05	97	00	2	190	63	0	0	9	0	0	53	53	—	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	148	71	0	0	9	0	0	57	79	000	0	0	00	00	96	00	0	191	61	0	0	9	0	0	57	45	0	— 2	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	96	00	0	159	71	0	0	9	0	0	57	79	000	0	0	05	02	96	00	0	200	61	0	0	9	0	0	55	57	—	—	0	— 1.3	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	4	149	71	0	0	9	0	0	xx	80	000	9	0	34	02	94	05	0	196	66	0	0	9	0	0	52	57	+ 4	+ 2	0	— 1.1	103.9	74
	Dacca (Tejgaon)	000	0	0	36	05	96	02	0	150	68	0	0	9	0	0	55	78	000	0	0	36	09	97	02	0	192	64	0	0	9	0	0	51	52	—	—	0	—	103.6	—
	Faridpur	000	9	0	00	00	94	10	0	154	70	0	0	9	0	0	56	75	000	9	0	34	03	94	10	0	202	64	0	0	9	0	0	53	54	+ 1	+ 2	0	— 1.3	146.6	71
	Barisal	000	0	0	00	00	96	02	0	143	67	0	0	9	0	0	64	77	000	0	0	36	01	96	00	0	195	64	0	0	9	0	0	51	55	+ 1	+ 2	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	156	70	0	0	9	0	0	56	78	000	0	0	00	00	96	00	0	204	67	0	0	9	0	0	50	57	+ 1	+ 4	0	— 1.3	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	155	69	0	0	9	0	0	58	78	000	0	0	36	01	98	00	0	203	65	0	0	9	0	0	50	53	— 0	+ 2	0	— 1.9	82.1	65
	Jessore	000	0	0	31	02	97	00	0	161	73	0	0	9	0	0	56	77	000	0	0	36	05	97	00	0	200	62	0	0	9	0	0	51	51	—	—	0	— 1.1	105.8	65
	Sirajganj	000	0	0	00	00	94	00	0	158	67	0	0	9	0	0	62	78	000	0	0	31	02	98	00	0	197	66	0	0	9	0	0	53	52	—	—	0	— 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	155	67	0	0	9	0	0	60	77	000	0	0	31	02	96	02	0	199	62	0	0	9	0	0	51	53	+ 2	0	0	— 0.9	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	158	71	0	0	9	0	0	59	79	000	0	0	00	00	96	00	0	197	59	0	0	9	0	0	49	49	+ 4	— 0	0	— 0.5	66.9	72
	Rangpur	000	0	1	00	00	96	01	0	xxx	68	1	0	9	1	0	61	77	000	0	0	05	02	96	01	0	xxx	58	0	0	9	0	0	53	51	+ 2	+ 2	0	— 0.5	92.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	179	65	0	0	9	0	0	42	70	000	0	1	00	00	95	10	0	217	40	1	0	9	3	0	36	36	— 0	— 3	1.1	+ 0.7	27.2	19
	Sialkot	000	0	0	00	00	98	00	0	168	62	0	0	9	0	0	49	66	000	0	0	00	00	97	00	0	212	49	0	0	9	0	0	42	41	— 1	0	3.1	+ 2.6	61.8	32
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	171	63	0	0	9	0	0	40	71	000	0	0	00	00	95	10	0	218	37	0	0	9	0	0	35	35	—	—	5.1	—	55.3	—
	Rawalpindi	000	0	0	00	02	99	00	0	170	57	0	0	9	0	0	38	66	000	0	0	00	00	98	00	0	236	37	0	0	9	0	0	33	35	+ 2	— 2	4.4	+ 3.1	56.7	36
	Khushab	000	0	1	02	99	00	0	172	69	0	0	9	0	0	0	43	73	000	0	0	00	00	99	00	0	217	42	0	0	9	0	0	35	37	+ 3	— 3	1.1	+ 0.7	23.5	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	183	66	0	0	9	0	0	48	72	000	0	5	07	02	95	02	0	218	39	5	0	9	2	0	38	39	+ 5	— 1	0.4	+ 0.1	18.6	12
	Montgomery	000	0	0	00	00	94	02	0	184	69	0	0	9	0	0	53	70	000	0	0	13	02	96	00	0	209	48	0	0	9	0	0	41	41	+ 1	0	0.1	— 0.2	8.5	10
	Multan	000	0	2	00	00	96	02	0	177	64	0	0	9	0	2	55	75	000	0	1	00	00	95	05	1	205	50	5	0	8	5	4	41	42	+ 6	+ 1	0.2	— 0.1	8.3	7
Bahawalpur	Leiah	000	0	7	00	00	96	04	2	178	72	0	0	9	0	7	32	77	000	0	0	00	00	98	04	0	233	46	0	0	9	0	0	40	37	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	96	02	0	180	74	0	0	9	0	1	47	77	000	0	5	02	02	95	03	0	196	45	5	0	9	4	0	40	43	+ 4	+ 2	0.0	— 0.2	1.4	6
	Bahawalpur	000	0	6	00	00	98	03	0	187	70	0	0	8	0	1	47	75	000	0	8	07	02	98	03	0	205	52	8	0	9	6	4	41	47	+ 4	+ 3	0.1	— 0.1	6.6	6
	Fort Abbas	000	0	0	00	00	98	02	0	178	71	0	0	9	0	0	46	77	000	0	2	07	02	98	00	0	202	45	0	0	9	0	2	35	77	—	—	6.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	96	00	0	152	61	0	0	9	0	0	47	61	000	0	0	00	00	98	00	0	229	38	0	0	9	0	0	32	38	—	—	5.1	—	33.5	—
	Peshawar	000	0	1	00	00	98	02	0	186	61	0	0	9	0	1	39	68	000	0	1	00	00	97	02	0	231	38	1	0	9	3	0	33	37	+ 4	+ 3	5.9	+ 0.5	29.2	14
	Haripur	000	0	0	31	04	97	02	0	154	65	0	0	9	0	0	52	69	000	0	0	23	04	97	00	0	161	44	0	0	9	0	0	29	38	—	—	4.5	—	35.7	—
	Campbellpur	000	0	0	00	00	98	00	0	191	61	0	0	9	0	0	33	63	000	0	0	00	00	98	00	0	263	40	0	0	9	0	0	35	33	—	—	5.3	—	41.2	—
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	159	64	0	0	9	0	0	41	67	000	2	8	00	00	99	00	0	199	43	8	0	9	7	0	37	40	—	—	3.2	—	16.1	11
	D. I. Khan	000	6	0	00	00	98	00	0	173	63	0	0	9	0	0	49	71	000	2	3	00	00	98	01	1	210	44	0	0	9	3	0	42	40	+ 2	+ 1	1.8	+ 1.6	16.7	10
Quetta	Sibi	000	2	4	00	00	98	03	0	179	70	4	0	9	3	0	42	73	000	2	5	00	00	98	03	1	202	45	0	0	9	3	0	44	44	—	—	4.2	—	9.4	5
	Nokkundi	000	0	0	13	01	99	00	0	187	68	0	0	9	0	0	39	69	000	0	0	31	03	99	00	0	231	40	0	0	9	3	0	37	41	—	—	0.7	—	1.8	2
	Turbat	000	0	3	27	02	98	02	0	169	80	0	0	9	0	1	53	86	000	0	0	09	02	97	00	0	116	58	0	0	9	0	0	53	xx	—	—	1.8	—	9.2	—
Kalat	Jiwani	000	0	1	13	07	97	01	1	163	74	0	0	9	7	0	55	76	000	0	0	05	03	97	02	0	185	63	0	0	9	0	0	58	59	—	—	1.7	—	8.4	4
	Pasni	000	0	2	13	10	98	01	1	163	74	2	0	9	7	0	63	77	000	0	3	29	02	98	00	0	178	59	1	2	7	7	0	56	58	— 0	+ 4	0.4	— 0.6	13.5	6
	Ormara	000	0	4	18	03	98	01	0	156	76	4	2	7	0	0	46	77	000	0	4	00	00	98	01	1	179	60	4	2	6	0	0	57	58	—	—	5.9	+ 5.5	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	160	84	0	0	9	0	0	46	86	000	0	0	00	x	98	00	0	211	62	0	0	9	0	0	51	49	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	01	98	02	0	157	78	0	0	9	0	0	71	80	000	0	4	02	07	96	01	1	186	61	0	0	9	0	1	52	58	+ 4	0	1.6	+ 1.4	18.1	8
	Karachi (Air Port)	000	0	0	00	00	97	02	0	154	79	0	0	9	0	0	42	82	000	0	3	36	02	96	03	0	184	52	0	0	9	0	1	40	48	—	—	3.3	—	26.2	—
	Badin	000	0	0	00	00	97	00	0	160	78	0	0	9	0	0	37	81	000	0	0	23	02	96	00	0	199	44	0	0	9	0	0	39	43	+ 4	— 6	0.3	+ 0.1	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	145	83	0	0	9	0	0	48	86	000	0	0	00	00	98	00	0	171	63	0	0	9	0	0	46	54	—	—	0	—	30.5	—
	Umarkot	000	0	0	31	02	98	00	0	146	79	0	0	9	0	0	47	83	000	0	2	09	02	98	00	0	167	55	0	0	9	0	2	34	45	—	—	0.5	—	20.8	—
	Hyderabad	000	0	0	36	03	97	02	0	165	75	0	0	9	0	0	41	79	000	0	3	36	05	97	03	0	197	55	0	0	9	0	8	42	53	+ 2	+ 2	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan	000	0	1	36	02	96	01	0	168	73	0	0	9	0	1	24	74	000	0	4	31	03	96	03	0	187	48	0	0	9	0	4	43	45	—	—	0.4	—	7.9	—
	Nawabshah	000	0	0	36	03	97	02	0	165	74	0	0	9	0	0	36	76	000	0	4	31	03	96	03	2	195	48	0	0	9	0	5	43	46	—	—	0.4	—	7.4	—
	Sukkur	000	8	4	34	02	96	03	0	165	71	0	0	9	0	3	45	79	000	9	6	02	02	96	03	1	186	48	0	0	9	0	8	41	46	—	—	0.8	—	5.3	4
	Kashmore	000	0	2	00	00	99	02	0	165	66	2	1	6	0	0	35	75	000	0	6	xx	00	99	00	0	198	52	6	1	6	0	0	33	45	—	—	1.4	—	3.4	—
	Jacobabad	000	0	2	36	02	97	02	0	173	72	0	0	9	0	2	42	75	000	0	3	00	00	93	03	0	190	48	1	0	9	4	1	37	48	+ 3	+ 4	0.3	+ 0.1	4.7	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras																																								26
	Leh **																																								3
	Skardu *																																								6
	Miagar **																																								—
	Allabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	0	0	11	02	98	00	0	512	48	0	0	9	0	0	27	50	000	0	0	09	05	98	00	0	534	40	0	0	9	0	0	18	33	+ 4	0	6.8	+ 4.7	85.2	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	551	36	0	0	9	0	0	25	43	000	0	0	00	00	xx	02	0	513	21	0	0	9	0	0	26	xx	— 5	×	11.0	—	41.6	18
	Chitral *	000	0	0	36	05	98	00	0	532	50	0	0	9	0	0	17	53	000	0	0	36	05	98	00	0	536	45	0	0	9	0	0	21	42	+ 2	+ 2	7.4	+ 5.9	38.8	29
	Kakul *	000	0	0	29	02	96	05	0	522	55	0	0	9	0	0	34	60	000	0	0	36	03	96	10	0	529	45	0	0	9	0	0	21	40	—	—	5.9	—	61.0	—
	Landi Kotal *	000	0	0	00	00	99	00	0	520	49	0	0	9	0	0	38	54	000	0	0	00	00	99	00	0	513	33	0	0	9	0	0	23	31	—	—	5.7	—	34.6	—
D. I. Khan	Parachinar *	000	0	0	13	03	99	00	0	507	59	0	0	9	0	0	14	60	000	0	2	36	03	98	00	0	559	23	2	0	9	1	0	19	31	+ 9	+ 2	8.1	—	36.2	39
	Miranshah *	000	0	0	05	02	99	00	0	509	57	0	0	9	0	0	26	64	000	0	4	00	00	99	03	0	503	37	0	0	9	2	0	29	32	—	—	1.5	+ 0.9	8.5	12
	Wana *	000	0	0	09	02	99	00	0	489	56	0	0	9	0	0	23	60	000	0	4	20	04	99	10	0	513	36	9	0	9	2	0	28	30	—	—	1.6	—	15.7	—
Quetta	Fort Sandeman *	000	0	1	31	01	98	00	0	524	62	0	0	9	0	0	33	65	000	0	4	29	01	98	01	0	543	34	4	0	9	0	0	23	33	+ 8	+ 4.8	9.4	+ 4.8	21.4	11
	Hindubagh *	000	0	0	25	10	98	00	0	499	58	0	0	9	0	0	19	63	000	0	0	25	03	98	00	0	515	31	0	0	9	2	0	14	30	—	—	7.2	—	20.1	—
	Loralai *	000	0	3	13	03	98	01	1	355	98	2	2	7	0	1	56	61	000	0	3	27	02	98	01	2	349	32	0	0	8	2	0	31	31	—	—	4.1	—	16.7	—
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.8	+ 5.9	19.6	14
	Quetta *	000	9	3	00	00	99	02	0	526	55	0	0	9	0	1	34	59	000	9	0	00	00	96	00	0	545	36	0	0	9	0	0	23	28	—	—	2.9	+ 1.8	13.2	8
	Chaman *	000	0	0	23	02	97	00	0	528	58	0	0	9	0	0	23	60	000	9	0	09	02	97	00	0	529	40	0	0	9	0	0	21	36	+ 7	+ 2	2.8	+ 1.3	9.0	7
Kalat	Kalat *	000	0	5	27	05	97	02	1	533	49	0	0	9	0	2	21	59	000	0	2	18	09	98	02	1	574	31	1	0	7	3	0	31	29	+ 8	+ 3	2.7	+ 1.6	14.6	9
	Nushki *	000	0	2	31	05	98	02	0	576	60	0	0	9	0	2	31	63	000	9	0	00	00	98	02	0	591	49	0	0	9	0	0	24	45	—	—	1.4	—	4.3	—
	Dalbandin *	000	8	6	05	08	98	03	1	523	61	4	0	9	4	1	30	62	000	9	1	05	02	98	03	1	509	36	1	0	9	3	0	32	36	— 1	+ 4	1.2	+ 0.6	3.5	3
Afghanistan	Panjgur *	000	0	4	23	02	98	02	1	528	69	4	0	9	2	0	15	70	000	0	2	05	02	98	03	1	530	41	0	0	9	2	0	35	39	+ 6	+ 2	0.3	—	4.4	14
	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 rain, fall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary sheet for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 27th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O T_sT_s T_dT_d	$I_dd_wd_wP_w$ H
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Grootebear	73 061	600 00	2 04 16	98 02 1	103 81	25 3 00	36 61 3	...	0 00 72	1 05 43
Tambamaru	73 218	626 00	2 00 00	98 02 0	173 70	14 5 40	36 60 6	...	0 54 60	...
Junone	73 257	572 06	2 00 00	99 02 0	197 73	10 7 42	35 22 5	...	0 53 44	1 00 x0
City of Durham	73 239	655 06	0 06 06	98 00 0	205 74	00 9 00	15 11 0	...	0 54 61	1 06 20
Isocardia	73 171	557 06	1 06 12	98 01 0	195 75	11 6 00	26 21 0	...	0 52 60	1 07 20
Fogo	73 210	593 06	0 00 00	98 00 0	154 70	00 9 00	36 71 7	...	0 54 63	1 00 x0
Tambamaru	73 199	652 12	1 04 10	99 02 0	150 74	00 9 01	36 72 2	...	0 03 66	...
Junone	73 246	581 12	1 00 00	99 01 0	115 73	00 9 01	35 73 2	...	0 54 63	1 00 x0
Junone	73 234	592 18	0 16 05	99 02 0	125 73	00 9 00	35 30 5	...	0 54 63	1 16 20
Caltex Leiden	73 159	527 18	0 03 10	98 02 0	197 79	00 9 00	...	...	0 53 64	1 04 20
Iso Cardia	73 194	595 18	0 09 10	98 02 0	180 73	00 9 00	26 20 5	...	0 54 64	1 09 20
Clan Campbell	73 087	699 18	2 06 12	99 02 0	132 81	21 4 00	25 12 6	...	0 52 71	1 06 21
Idian Security	73 103	760 18	2 14 09	99 02 0	119 82	11 7 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
		$PPPTTTT_dT_dT_d$	$HHHTTT$ $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 135 102	136 185 122	..	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	014 112 065	135 175 999	...	149 125 999	...	313 085 999	438 518 999	580 632 999	...	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	977 032 035	...	...	150 105 999	...	310 015 999	433 525 999	575 575 999	746 650 999	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTT$ $T_dT_dT_d$									Max. Height Reached $PPPTTT$ $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 122 999	800 065 999	...	...	...	...	...	...	...	800 065 999	...	...
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	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 ...	33 07	32 07	32 09	32 07	30 15	...	...	...	...	33 14	33 09	34 07	30 07	30 09	30 31	32 07	31 07	32 06	33 06	32 07	31 26	29 49	...	...	...	...
Chaklala ...	...	29 04	29 01	35 02	28 03	29 04	26 21	26 31	27 43	...	...	...	...	...	...	...	06 02	10 07	13 06	13 08	18 08	24 19	27 37	26 11	26 53	25 51
Chhor ...	06 03	06 05	06 06	16 03	28 10	29 19	27 28	26 37	26 42	12 08	13 08	16 06	25 05	27 11	26 17	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	32 13	36 12	36 08	28 11	29 06	27 29	28 31	28 45	28 53	01 11	01 08	36 05	28 06	28 13	28 26	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	34 09	04 06	07 02	25 07	28 11	...	...	...	...	36 12	36 12	32 03	28 11	28 14	30 28	01 07	01 06	35 05	30 09	29 18	31 25	30 35	28 40	29 43	29 53	...
Dacca ...	34 07	36 08	36 05	34 06	31 10	28 20	28 37	28 37	...	34 20	34 13	24 12	31 08	28 11	30 28	33 08	32 10	32 10	31 10	30 17	30 38	29 54	29 59	...	...	...
Dalbandin ...	...	...	06 07	24 03	27 07	29 12	36 23	26 34	27 44	...	...	07 04	32 04	27 08	28 12	...	...	08 08	07 15	36 06	28 08	26 27	26 40	26 41	26 50	26 55
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 03	01 27	21 09	17 03	18 06	...	...	...	13 05	12 06	14 11	...	...	...	...	04 04	02 05	18 12	20 12	20 16	...	...
Fort Sandeman ...	...	...	...	30 02	24 03	26 13	28 39	28 60	28 56	...	...	...	25 02	31 02	29 19	...	...	...	24 02	06 02	26 11	24 30	...	...	...	...
Jacobabad ...	36 01	13 01	21 07	24 09	27 10	26 15	27 33	26 41	26 56	03 05	15 01	21 06	22 15	25 10	23 19	09 05	09 03	18 03	23 10	26 11	25 22	26 33	25 33	...	...	...
Jessore ...	34 11	35 09	36 09	31 15	30 18	...	...	...	...	35 15	33 09	35 06	32 08	30 12	31 39	33 08	33 08	33 09	33 13	28 17	30 31	...	...	...	...	...
Jhelum ...	27 05	30 09	32 05	34 05	29 02	27 06	25 18	26 26	26 31	36 02	34 02	35 02	31 01	21 03	24 13	36 02	27 02	24 01	12 04	17 04	25 07	27 27	27 46	26 52	26 48	25 47
Jiwani ...	14 06	11 04	10 04	15 04	19 05	26 20	25 24	24 40	23 46	08 08	09 04	16 04	22 07	22 07	24 16	27 03	09 02	05 03	02 10	36 07	26 25	...	...	...	...	...
Karachi ...	05 04	04 08	04 06	08 05	28 06	28 15	26 26	26 35	25 42	08 08	09 04	16 06	17 03	22 07	24 16	04 03	11 04	15 04	13 04	19 06	23 21	25 32	24 41	24 49	25 49	27 62
Khanpur ...	35 01	25 01	19 02	27 03	29 07	28 12	28 26	27 29	27 43	09 04	11 06	20 04	22 10	24 11	23 13	12 06	12 07	14 05	22 08	26 11	23 16	...	...	...	...	...
Lahore ...	32 05	31 07	30 09	32 07	24 04	28 08	27 19	28 31	28 31	02 03	02 03	35 05	28 04	28 08	29 04	15 01	19 03	35 03	27 03	32 06	32 40	33 06	32 04	29 23	28 41	27 43
Multan ...	18 05	19 03	19 03	26 07	24 08	28 19	28 39	28 43	27 49	12 07	12 09	20 06	23 12	24 12	22 08	14 04	15 06	15 04	23 08	22 11	19 10	24 23	26 45	25 52	25 58	25 65
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	25 04	32 06	32 06	29 05	25 05	25 15	26 30	28 34	...	36 03	36 02	28 02	28 02	23 10	...	24 01	21 03	35 01	25 03	18 07	...	...	...	...	...
Quetta ...	...	...	...	...	25 02	28 12	28 33	27 43	27 56	No	Ascent	...	...	...	...	...	...	...	...	31 03	28 16	25 28	23 33	25 45	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	33 02	28 02	29 03	30 03	26 04	26 16	...	...	...	09 13	01 07	12 03	05 09	27 14	...	09 01	09 01	17 02	09 03	35 03	30 22	29 64	28 60	29 70	...	...
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 ...	06 06	14 05	16 06	21 04	23 08	25 17	24 31	25 41	26 46	25 52	...	...	...	...	...	...	...	...
Peshawar ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

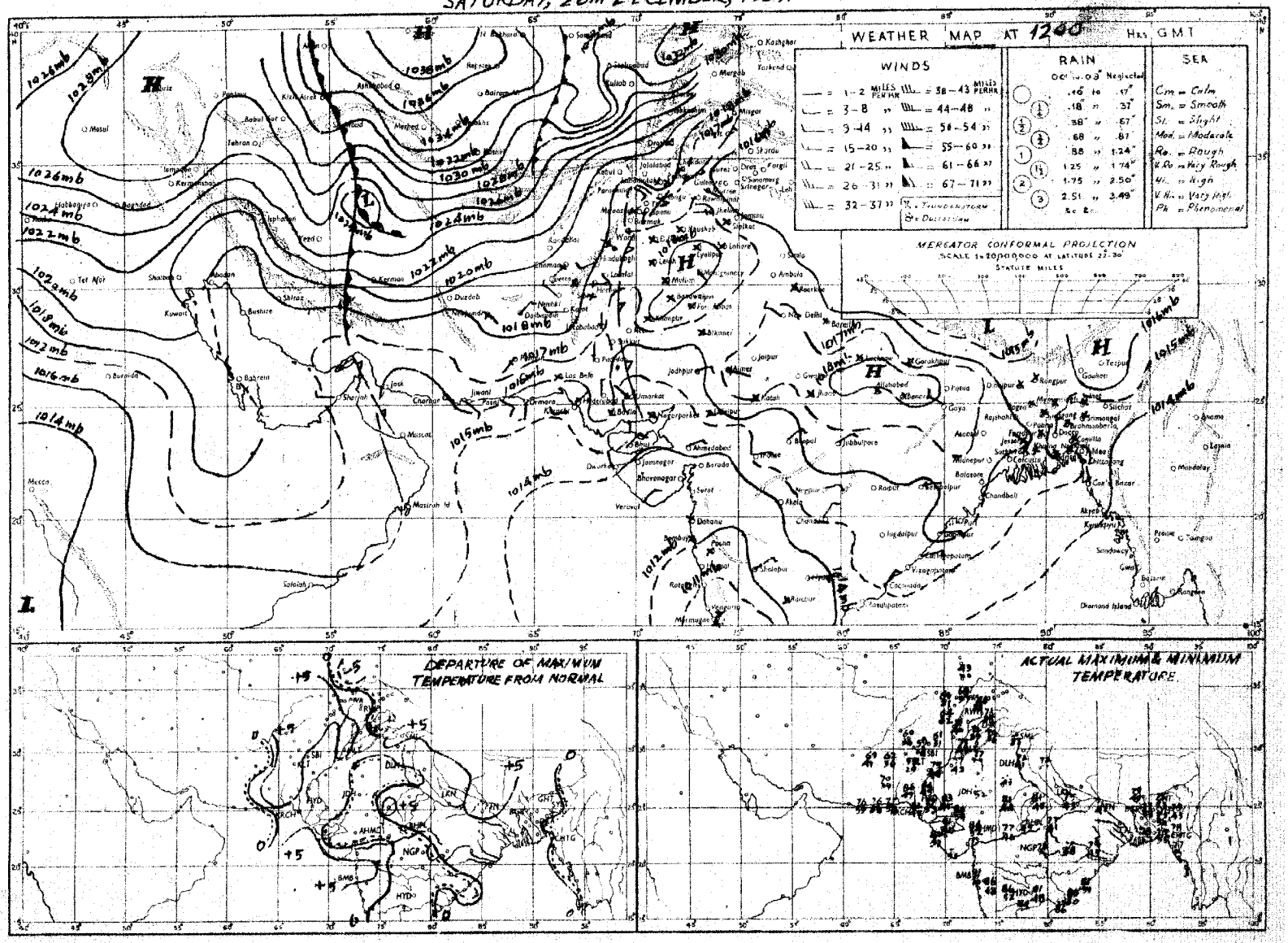
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 26th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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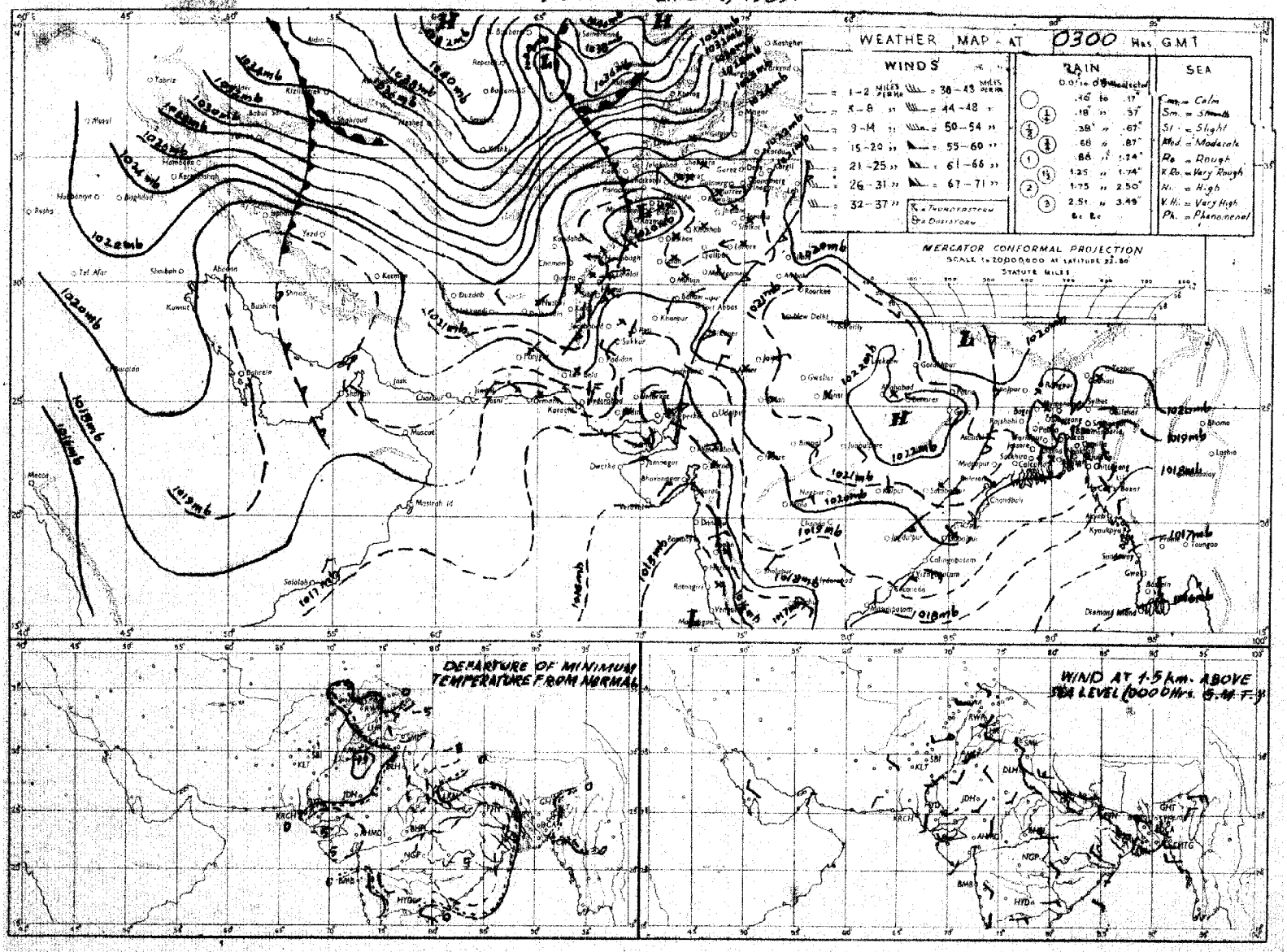
PAKISTAN DAILY WEATHER MAP

SUNDAY, 27th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 28th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is now moving across east Russian Turkistan and has induced a secondary over Peshawar division and adjoining areas.

A fresh western disturbance is moving across north Iran with its associated trough extending to Persian Gulf and neighbourhood.

Weather remained dry over the country.

Night temperatures were nearly normal over the country.

Forecast valid until the evening of 29th December, 1959. Local rain/snow will fall in Peshawar division and Kashmir and scattered in D. I. Khan and Rawalpindi divisions.

Karachi-11
The 28th December, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong: Cox's Bazar	000	0	0	34	03	xx	01	0	144	69	0	0	9	0	0	63	77
Chittagong	000	0	0	34	05	96	00	0	151	68	0	0	9	0	0	58	78
Maijdee Court	000	0	0	00	00	xx	10	0	153	66	0	0	9	0	0	63	76
Comilla	000	0	0	00	00	94	00	0	152	68	0	0	9	0	0	56	78
Brahmanbaria	000	0	0	00	00	xx	00	0	146	68	0	0	9	0	0	58	77
Sylhet	000	0	0	00	00	xx	02	0	145	68	1	1	6	0	0	57	77
Srimangal	000	0	0	00	00	xx	00	0	151	61	0	0	9	0	0	57	70
Dacca: Mymensingh	000	0	0	00	00	96	01	1	151	79	0	0	9	0	4	58	77
Narayanganj	000	0	0	00	00	xx	05	4	151	70	0	0	9	0	0	52	78
Dacca (Tejgaon)	000	0	0	31	03	97	02	0	149	65	0	0	9	0	0	53	77
Faridpur	000	0	0	00	00	95	05	0	154	67	0	0	9	0	0	57	75
Barisal	000	0	0	00	00	96	00	0	154	71	0	0	9	0	0	57	76
Rajshahi: Khulna	000	0	0	00	00	xx	00	0	155	68	0	0	9	0	0	54	78
Sarkhira	000	0	0	00	00	98	00	0	154	69	0	0	9	0	0	58	78
Jessore	000	0	0	36	02	97	00	0	161	71	0	0	9	0	0	53	77
Sirajganj	000	0	0	00	00	94	00	0	143	65	0	0	9	0	0	60	77
Bogra	000	0	0	00	00	xx	00	1	163	66	0	0	9	0	0	53	76
Dinajpur	000	0	0	00	00	xx	00	0	150	68	0	0	9	0	0	56	xx
Rangpur	000	0	0	00	00	96	01	0	xxx	67	0	0	9	0	0	55	76
Jammu: Jammu																	
Lahore: Lahore (Jail Rd.)	000	8	7	00	00	96	03	1	183	61	6	0	9	7	2	42	68
Sialkot	000	3	5	00	00	97	01	1	169	60	3	5	6	2	0	46	64
Rawalpindi: Jhelum	000	2	5	00	00	96	03	2	173	60	5	0	9	7	0	41	67
Rawalpindi	000	0	8	00	00	94	03	2	180	54	8	0	9	9	x	42	63
Khushab	000	0	2	00	00	99	02	1	189	68	2	3	6	0	0	53	71
Multan: Lyallpur	000	0	7	00	00	95	03	0	180	66	7	3	8	0	0	39	67
Montgomery	000	0	5	00	00	96	03	1	168	60	0	0	9	0	2	51	69
Multan	000	0	7	00	00	96	02	1	175	64	5	0	8	5	2	46	68
Bahawalpur: Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	4	02	02	96	03	0	158	69	4	0	9	4	0	49	70
Bahawalpur	000	5	7	00	00	98	03	1	188	70	7	4	5	0	0	45	73
Fort Abbas	000	0	6	05	03	98	03	0	166	67	6	0	9	3	0	45	73
Peshawar: Chakdara	000	0	7	00	00	96	03	1	218	53	7	0	8	6	0	48	61
Peshawar	000	0	4	16	02	96	05	1	191	57	2	5	7	3	0	41	60
Haripur	000	0	0	13	04	97	00	0	158	48	0	0	9	0	0	53	68
Campbellpur	000	6	8	00	00	98	03	2	221	53	8	0	9	3	x	45	56
D. I. Khan: Bannu	000	0	5	00	00	99	02	2	177	60	5	0	9	8	0	45	62
D. I. Khan	000	6	0	00	00	98	00	0	178	65	0	0	9	0	0	53	69
Quetta: Sibi	000	0	0	13	02	99	00	0	173	74	0	0	9	0	0	36	75
Nokkundi	000	0	0	34	02	99	00	0	172	65	0	0	9	0	0	41	68
Turbat	000	0	0	27	04	98	00	0	155	82	0	0	9	0	0	58	75
Jiwani	000	0	0	20	07	97	01	0	153	73	0	0	9	0	0	56	79
Pasni	000	0	0	28	09	98	00	0	151	75	0	0	9	0	0	62	76
Ormara	000	0	0	27	07	98	00	0	146	75	0	0	9	0	0	41	85
Las Bela	000	0	0	00	00	98	00	0	184	82	0	0	9	0	0	41	85
Karachi (Manora)	000	0	0	27	09	98	02	0	161	77	0	0	9	0	0	68	79
Karachi (Air Port)	000	0	0	23	05	96	01	0	161	76	0	0	9	0	0	55	83
Badin	000	0	0	00	00	97	00	0	138	77	0	0	9	0	0	38	82
Nagarparker	000	0	0	00	00	98	00	0	145	84	0	0	9	0	0	46	86
Umarkot	000	0	2	31	03	98	02	0	145	81	0	0	9	0	0	51	86
Hyderabad	000	0	0	36	03	97	01	1	145	75	0	0	9	0	0	47	80
Khairpur: Pad-i-dan	000	0	3	36	03	97	03	0	151	71	0	0	9	0	4	46	73
Nawabshah	000	0	2	36	02	97	01	2	150	73	0	0	9	0	6	49	75
Sukkur	000	8	3	02	02	96	03	1	149	70	0	0	9	0	3	46	72
Kashmore	000	0	4	00	00	99	03	0	173	65	4	1	6	0	0	53	74
Jacobabad	000	0	0	05	02	98	02	0	159	72	0	0	9	0	0	36	74
Kalat: Sonmiani																	
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
Kashmir: HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Allabad *																	
Gilgit *																	
Murree *	000	7	8	11	00	97	03	1	524	41	8	5	4	x	x	19	46
Drosh *	000	5	5	00	00	97	03	2	538	39	5	0	9	5	0	35	45
Chitral *	000	0	5	05	03	97	03	1	529	46	3	1	6	5	0	8	25
Kakul *	000	7	7	13	02	97	03	1	523	50	3	5	7	7	1	33	59
Landi Kotal *	000	0	1	00	00	99	01	0	511	50	0	0	9	0	0	28	52
Parachinar *	000	0	0	13	03	99	00	0	532	49	0	0	9	0	0	19	52
Miranshah *	000	0	2	00	03	99	01	2	505	54	0	0	9	0	2	34	59
Wana *	000	0	0	16	02	99	00	0	497	50	0	0	9	0	0	28	53
Fort Sandeman *	000	0	5	36	02	98	02	1	523	59	5	0	9	3	0	18	61
Hindubagh *	000	0	0	25	11	98	00	0	485	53	0	0	9	0	0	11	56
Loralai *	000	0	0	18	02	99	00	0	362	57	0	0	9	0	0	53	59
Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	99	00	0	509	56	0	0	9	0	0	33	59
Chaman *	000	0	0	31	02	97	00	0	515	55	0	0	9	0	0	25	58
Kalat *	000	0	0	34	09	98	00	1	514	49	0	0	9	0	0	25	54
Nushki *	000	0	0	31	05	98	02	0	576	59	0	0	9	0	0	27	61
Dalbandin *	000	8	0	05	07	97	02	0	525	62	0	0	9	0	0	28	64
Panjgur *	000	0	0	36	05	98	00	0	516	60	0	0	9	0	0	17	63
Kabul *	000	9	5	00	00	98	03	2	512	39	5	3	8	0	0	27	xx
Kandhar *																	

Stations	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall: Since 1st November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong: Cox's Bazar	000	0	5	36	02	97	03	1	196	66	0	0	9	0	0	62	56	- 1	0	1.7	- 2.5	142.8	140
Chittagong	000	0	6	05	05	97	03	1	178	65	0	0	9	0	0	55	56	+ 1	+ 1	1.4	- 1.4	143.4	108
Maijdee Court	000	9	0	36	02	98	00	0	189	64	0	0	9	0	0	58	54	- 2	- 3	0.1	- 1.7	144.7	115
Comilla	000	0	0	00	00	97	00	0	174	65	0	0	9	0	0	58	55	+ 2	+ 2	0	- 1.6	107.8	94
Brahmanbaria	000	0	0	00	00	97	00	0	188	65	0	0	9	0	0	60	54	-	-	0	- 1.3	85.2	76
Sylhet	000	0	0	09	05	97	02	0	180	65	0	0	9	0	0	54	54	-	-	0	-	193.9	—
Srimangal	000	0	0	00	00	95	00	0	186	60	0	0	9	0	0	56	44	- 9	- 2	0	- 1.6	109.4	98
Dacca: Mymensingh	000	0	0	05	02	96	00	0	193	62	0	0	9	0	0	55	55	-	-	0	- 1.0	113.3	91
Narayanganj	000	9	0	36	02	95	05	4	182	63	0	0	9	0	0	53	55	+ 2	0	0	- 1.1	103.9	74
Dacca (Tejgaon)	000	9	1	36	05	97	02	0	180	62	0	0	9	0	1	54	50	-	-	0	-	103.6	—
Faridpur	000	9	1	34	03	94	10	0	201	63	0	0	9	0	1	52	53	+ 1	+ 1	0	- 1.3	116.6	73
Barisal	000	9	1	05	02	96	02	4	185	64	0	0	9	0	2	51	55	0	+ 1	0	- 1.8	140.5	81
Rajshahi: Khulna	000	0	0	00	00	97	00	0	190	67	0	0	9	0	0	49	53	+ 1	0	0	- 1.3	102.8	68
Sarkhira	000	0	0	34	05	98	00	0	193	65	0	0	9	0	0	48	55	0	+ 4	0	- 1.9	82.1	65
Jessore	000	0	0	31	05	97	00	0	191	61	0	0	9	0	0	49	47	-	-	0	- 1.1	105.8	65
Sirajganj	000	0	0	31	05	98	00	0	181	65	0	0	9	0	0	52	51	-	-	0	- 0.8	107.7	64
Bogra	000	0	0	31	05	96	02	0	187	61	0	0	9	0	0	49	52	+ 1	1	0	- 0.9	104.4	69
Dinajpur	000	0	0	00	00	96	00	0	190	59	0	0	9	0	0	xx	49	-	0	0	- 0.5	66.9	72
Rangpur	000	0	2	36	02	96	02	0	xxx	58	2	0	9	1	0	54	49	+ 1	0	0	- 0.5	72.4	84
Jammu: Jammu																							—
Lahore: Lahore (Jail Rd.)	000	0	2	00	00	94	10	0	195	41	2	0	9	3	0	39	38	- 2	- 1	1.1	+ 0.7	27.1	18
Sialkot	000	2	6	00	00	97	02	1	193	46	6	4	9	0	0	44	42	- 3	+ 1	3.1	+ 2.3	61.8	32
Rawalpindi: Jhelum	000	0	6	05	02	96	10	0	184	44	4	1	7	1	0	39	36	-	-	5.1	-	55.3	—
Rawalpindi	000	0	6	00	00	99	02	2	190	45	4	0	9	2	3	42	36	- 1	- 1	4.4	+ 3.1	56.7	36
Khushab	000	0	3	00	00	99	02	0	178	43	3	3	6	0	0	37	39	+ 3	- 1	1.1	+ 0.6	33.5	15
Multan: Lyallpur	000	0	5	00	00	94	41	4	198	40	5	0	9	4	0	39	39	0	- 1	0.4	0	18.6	12
Montgomery	000	0	0	00	00	96	00	0	188	46	0	0	9	0	0	40	40	0	- 1	0.1	- 0.2	8.5	10
Multan	000	2	0	00	00	92	46	4	186	44	0	0	9	0	0	39	41	- 1	0	0.3	- 0.1	8.3	7
Bahawalpur: Laiah	000	0	4	00	00	95	04	1	190	47	0	0	9	0	8	38	38	-	-	2.5	-	7.0	8
Khanpur	000	0	1	00	00	95	03	0	197	44	0	0	9	0	0	42	43	- 3	+ 2	0	- 0.2	1.4	6
Bahawalpur	000	0	0	00	00	98	02	0	187	48	0	0	9	0	2	44	42	+ 2	+ 1	0.1	- 0.1	6.6	6
Fort Abbas	000	0	0	07	02	98	02	0	192	45	0	0	9	0	1	40	43	-	-	1.0	-	10.2	4
Peshawar: Chakdara	000	0	6	00	00	96	02	2	183	40	6	0	8	6	0	35	35	-	-	5.1	-	33.5	—
Peshawar	000	0	7	13	02	97	03	0	173	42	5	5	7	3	0	35	40	- 4	0	5.9	+ 5.0	29.2	14
Haripur	000	9	8	13	02	96	03	2	198	60	8	7	6	x	x	45	39	-	-	4.5	-	35.7	—
Campbellpur	000	9	8	00	00	98	03	2	194	45	8	0	9	3	x	39	39	-	-	5.3	-	41.2	—
D. I. Khan: Bannu	000	2	6	29	01	99	03	0	167	49	6	0	9	6	0	31	42	-	-	3.2	-	16.1	11
D. I. Khan	000	2	5	31	02	98	04	1	173	48	5	0	9	5	0	38	41	0	+ 2	1.8	+ 1.4	16.7	10
Quetta: Sibi	000	0	0	00	00	99	00	0	193	45	0	0	9	0	0	38	44	-	-	4.1	-	9.4	5
Nokkundi	000	0	0	34	02	98	00	0	280	40	0	0	9	0	0	23	37	-	-	0.7	-	1.8	2
Turbat	000	0	9	09	08	95	02	0	195	60	9	x	9	0	x	37	xx	-	-	1.8	-	9.1	—
Jiwani	000	0	8	15	03	97	03	0	194	60	7	0	9	0	2	44	59	-	-	1.7	-	8.4	4
Pasni	000	0	7	02	10	98	02	2	169	66	7	0	9	2	0	40	58	+ 3	+ 4	0.4	- 0.6	13.5	6
Ormara	000	0	7	13	02	98	02	2	180	60	7	0	9	2	0	53	56	-	-	5.9	+ 5.4	9.9	6
Las Bela	000	0	0	00	00	98	00	0	186	62	0	0	9	0	0	41	48	-	-	0.4	-	7.3	8
Karachi: Karachi (Manora)	000	0	4	00	00	95	05	1	184	62	0	0	9	0	3	51	57	+ 3	- 1	1.6	+ 1.4	18.1	8
Karachi (Air Port)	000	0	3	00	10	97	03	0	180	53	0	0	9	0	3	46	47	-	-	3.3	-	26.2	—
Badin	000	0	0	23	02	96	00	0	178	45	0	0	9	0	0	40	42	+ 5	- 7	0.3	0	11.5	9
Nagarparker	000	0	0	00	00	98	00	0	165	62	0	0	9	0	0	47	53	-	-	0	-	30.5	—
Umarkot	000	0	6	00	00	98	02	1	169	47	0	0	9	0	2	39	43	-	-	0.5	-	30.8	—
Hyderabad	000	0	6	36	07	97	03	0	153	54	0	0	9	0	1	43	53	+ 3	+ 2	0.5	+ 0.4	19.6	7
Khairpur: Pad-i-dan	000	0	3	29	03	96	03	0	192	45	0	0	9	0	4	42	42	-	-	0.3	-	7.9	—
Nawabshah	000	0	4	00	00	96	03	0	188	46	0	0	9	0	2	39	43	-	-	0.3	-	7.5	—
Sukkur	000	9	3	10	00	96	02	0	185	48	0	0	9	0	3	41	43	-	-	0.8	-	5.3	4
Kashmore	000	0	0	00	00	99	00	0	188	44	0	0	9	0	0	34	42	-	-	1.3	-	3.4	—
Jacobabad	000	0	2	00	00	97	03	0	190	45	0	0	9	0	2	35	45	+ 2	+ 1	0.3	+ 0.1	4.7	4
Kalat: Sonmiani																							20
Veraval																							—
Jalalabad																							—
Muscat																							4
Kuwait																							—
Kashmir: HILL STATIONS																							—
Srinagar *																							26
Gulmarg **																							71
Sonamarg **																							24
Dras **																							3
Leh **																							6
Skardu *																							—
Misgar **																							—
Allabad *																							5
Gilgit *	000	9	8	00	00	96	03	1	513	37	8	5	5	x	x	25	35	0	+ 2	6.8	+ 4.5	85.2	59
Murree *	000	9	3	00	00	97	03	0	542	29	1	5	7	3	0	29	28	- 3	- 3	11.0	-	41.6	18
Drosh *	000	8	3	36	03	98	03	0	509	46	0	0	9	0	8	23	43	0	+ 3	7.4	+ 5.8	38.8	29
Chitral *	000	9	7	36	03	96	01	2	507	45	7	8	6	0	0	35	42	-	-	5.9	-	61.0	—
Kakul *	000	9	6	00	00	98	03	1	487	34	0	0	9	0	2	29	33	-	-	5.7	-	34.5	—
Landi Kotal *	000	0	8	23	03	98	03	0	512	35	2	1	8	2	x	27	32	+ 1	+ 3	8.1	-	36.2	29
Parachinar *	000	0	6	00	00	99	03	0	488	40	4	2	7	2	0	30	33	-	-	1.5	+ 0.8	8.5	13
Miranshah *	000	0	5	23	02	99	10	2	495	40	5	2	7	0	0	33	31	-	-	1.6	-	15.7	—
Wana *	000	0	0	18	01	98	00	0	518	36	0	0	9	0	0	25	36	+ 7	+ 7	5.4	+ 4.8	21.4	11
Fort Sandeman *	000	0	2	25	16	96	03	0	516	34	2	0	9	3	4	20	33	-	-	7.2	-	20.2	—
Hindubagh *	000	0	0	27	07	97	02	1	363	33	3	0	8	2	0	33	31	-	-	5.2	-	18.2	—
Loralai *	000	0	0	xxx	xx	00	00	0	xxx	xx	0	0	9	0	0	xx	xx	-	-	6.8	+ 5.8	19.6	14
Harnai *	000	0	7	27	07	97	02	1	536	36	3	5	6	3	0	24	32	-	-	2.9	+ 1.8	13.2	8
Quetta *	000	0	0	13	03	96	00	0	545	33	0	0	9	0	0	24	33	+ 5	+ 1	2.8	+ 1.3	9.0	7
Chaman *	000	0	3	34	09	97	03	0	574	31	3	4	7	0	0	31	27	+ 3	+ 1	2.7	+ 1.6	14.6	9
Kalat *	000	0	2	36	09	97	03	0	603	35	0	0	9	0	2	25	35	-	-	1.4	-	4.3	—
Nushki *	000	0	1	07	07	96	05	0	536	35	1	0	9	3	0	29	35	-	+ 3	1.2	+ 0.6	3.5	5
Dalbandin *	000	0	0	05	02	98	00	0	521	38	0	0	9	0	0	30	37	- 1	0	0.3	-	4.4	14
Panjgur *	000	0	8	18	02	97	61	2	566	29	8	4	8	x	x	27	34	-	-	-	-	-	—
Kabul *	009	4																					
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 rain, fall 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 999t is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 28th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_hL_h$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D^eV_ea PP	8 N_s C_h h_s	O $T_sT_sT_sT_d$	$Id_sd_sP_sH$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tambamaru	13 178	677 00	0 05 12	99 02 0	140 77	00 9 00	36 71 5	...	0 01 66	
Elysia	13 213	597 00	1 19 02	99 02 0	218 82	39 5 88	75 81 6	...	0 00 66	1 14 x0
Marland	13 113	562 00	1 04 12	99 01 0	131 76	11 2 11	65 51 5	...	0 54 68	1 04 02
Ehomaru	13 197	645 06	0 02 03	98 00 9	180 77	00 9 00	75 21 5	...	0 00 64	1 02 11
Alfred Fraissinet	13 273	515 06	1 34 14	99 02 0	109 80	36 4 00		...	0 52 57	1 34 21
Junon	13 210	513 06	3 00 00	98 02 0	145 68	21 5 40	55 40 0	...	0 00 64	1 09 x0
Ehomaru	13 208	633 12	4 02 04	98 03 0	160 77	41 4 00	75 61 0	...	0 00 60	1 02 11
Alfred Fraissinet	13 265	531 12	5 11 03	98 03 1	180 75	21 5 54	36 41 3	...	0 51 63	1 00 x0
Iphigenia	13 144	497 12	7 07 13	98 01 2	148 79	12 3 03	15 71 9	...	0 02 64	1 07 21
Cakax hain	13 181	572 12	1 02 09	98 02 0	148 75	11 5 30		...	0 52 64	1 04 21
World health	13 250	580 12	2 12 04	99 02 0	195 73	00 9 04	35 71 0	...	0 54 57	1 12 31
Ariana	13 168	547 15	1 10 10	99 02 0	160 75	11 4 00	55 30 6	...		1 10 22
Ehomaru	13 214	621 18	5 01 06	98 02 0	180 72	51 4 00	75 21 0	...	0 56 60	1 02 22
Alfred Fraissinet	13 263	548 18	1 08 09	98 01 1	200 72	00 9 01	36 21 3	...	0 55 64	1 08 xx
Ariana	13 165	541 18	0 08 10	98 02 0	175 75	00 9 00	55 11 5	...	0 00 68	1 08 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd	HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misds	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	014 108 055	123 178 092	...	144 095 572	...	309 050 999	433 518 999	576 612 999	753 742 999	958 868	228 085	402 190	642 218
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 072 999	...	...	143 080 999	...	305 525 999	426 612 999	562 715 999	724 815 999	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misds	...	...	...	...	...	...	...	...	...	
Jiwani ...													
Karachi ...	00 00	900 118 008	800 082 585	350 795 895	...	...	...	...	...	...	350 795 895	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 095 999	800 012 999	390 820 999	...	...	...	...	...	...	390 820 999	...	...
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*

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 ...	30 06	31 07	32 07	32 07	29 10	30 37	...	...	...
Chaddala ...		32 05	05 04	17 04	20 03	...			
Chhor ...	27 07	29 06	29 05	10 07	15 09	24 22	26 36	25 45	25 52
Chittagong ...	36 16	01 09	02 05	30 11	29 15	30 30	29 42	...	...
Cox's Bazar ...	35 16	02 18	03 09	36 09	31 18	31 30	...	...	...
Dacca ...	32 07	32 11	33 10	30 10	29 17	30 39	29 42	29 50	26 60
Dalbandin ...	...	...	08 09	08 12	31 03	28 09	26 27	26 44	27 52
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 03	21 06	19 09	...	...
Fort Sandeman ...	...	...	...	03 09	17 01	25 09	26 25	26 36	26 45
Jacobabad ...	06 04	06 03	16 01	25 05	25 13	27 17	25 39	27 45	...
Jessore ...	32 04	32 04	32 04	33 06	31 11	31 18	...	...	...
Jhelum ...	33 03	34 09	34 07	02 04	15 03	20 06	23 26	24 39	25 73
Jiwani ...	23 06	24 06	01 07	03 08	34 09	29 15	27 33	28 42	29 49
Karachi ...	21 11	30 04	35 03	17 08	26 14	27 26	26 33	26 38	26 45
Khanpur ...	05 07	13 06	18 06	24 08	24 15	26 23	25 27	25 37	26 43
Lahore ...	32 04	31 06	30 05	29 05	17 06	16 07	22 17	24 27	24 39
Multan ...	05 04	08 04	13 03	24 10	25 12	23 15	25 31	26 35	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	30 08	26 09	27 34	26 44	26 41
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 08	29 05	21 02	12 03	34 04	29 12	...	...	...
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 ...	35 12	35 07	03 03	24 01	30 10	30 34
Chaddala ...		33 01	07 02	04 05	34 08	14 04
Chhor ...	34 04	34 03	31 03	27 07	28 15	26 33
Chittagong ...	01 13	36 07	31 03	29 07	30 19	29 26
Cox's Bazar ...	01 15	01 12	34 07	30 09	30 18	31 23
Dacca ...	35 09	35 05	36 03	31 13	30 26	29 32
Dalbandin ...	...	...	07 10	34 09	30 08	30 21
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	13 04	12 09	18 05
Fort Sandeman ...	...	...	...	22 01	30 08	26 13
Jacobabad ...	34 03	03 05	03 05	33 06	29 17	25 27
Jessore ...	35 09	36 04	36 05	31 15	30 22	28 25
Jhelum ...	23 05	25 08	08 02	35 03	14 02	21 09
Jiwani ...	01 12	02 11	03 09	03 06	34 08	28 12
Karachi ...	35 04	32 04	35 02	35 09	31 07	32 15
Khanpur ...	04 16	07 05	14 01	24 10	23 09	21 13
Lahore ...	02 06	33 05	31 03	24 09	26 12	25 11
Multan ...	09 03	09 03	24 07	25 14	27 17	27 23
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	16 06	33 06	01 05	07 09	06 14
Peshawar ...	No	Ascent	...	...	...	...
Quetta ...						
Sharjah ...						
Sylhet ...	09 14	09 05	08 07	09 10	06 05	30 34
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 ...	01 04	02 02	06 01	30 04	30 19	28 31	27 44	24 54	26 57	...	...
Chaddala ...	...	12 08	13 16	11 12	07 04	06 09	...	...	...	...	...
Chhor ...											
Chittagong ...	34 05	01 09	25 06	29 09	30 18	28 28	...	...	...	...	...
Cox's Bazar ...	01 12	35 12	32 07	31 06	30 15	30 23	29 26	29 38	28 41	26 77	26 91
Dacca ...	36 06	01 07	01 05	35 04	31 23	27 29	27 44	27 49	26 52	...	...
Dalbandin ...	...	...	08 06	33 09	31 10	31 25	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	01 08	01 12	09 08	...	...	...	...
Fort Sandeman ...	...	...	...	23 07	27 10	...	...	...	...	...	...
Jacobabad ...	31 06	31 06	34 08	31 10	27 10	27 25	...	...	...	...	...
Jessore ...	32 03	33 04	33 06	32 13	31 17	28 26	27 39	27 44	...	...	...
Jhelum ...	12 03	12 05	16 04	12 10	10 04	08 04	22 19	24 17	24 18	...	...
Jiwani ...	04 13	03 23	04 19	02 05	35 07	26 10	26 30	27 35	...	...	...
Karachi ...	32 08	31 10	35 11	36 12	33 11	26 25	26 37	...	...	...	...
Khanpur ...	03 04	29 02	26 08	26 13	29 14	27 17	27 47	...	...	...	...
Lahore ...	15 04	20 01	23 04	25 08	23 07	25 13	23 24	24 36	25 39	27 85	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	28 06	26 15	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 01	09 03	09 09	07 11	20 02	30 25	27 46	27 57	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s. l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misds																	
Karachi ...	35 04	01 04	34 06	34 09	29 16	26 27	27 38	26 41	26 42	28 63	29 75	28 79	79 09	80 12	80 15	78 43	...	...
Peshawar ...	Misds																	
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

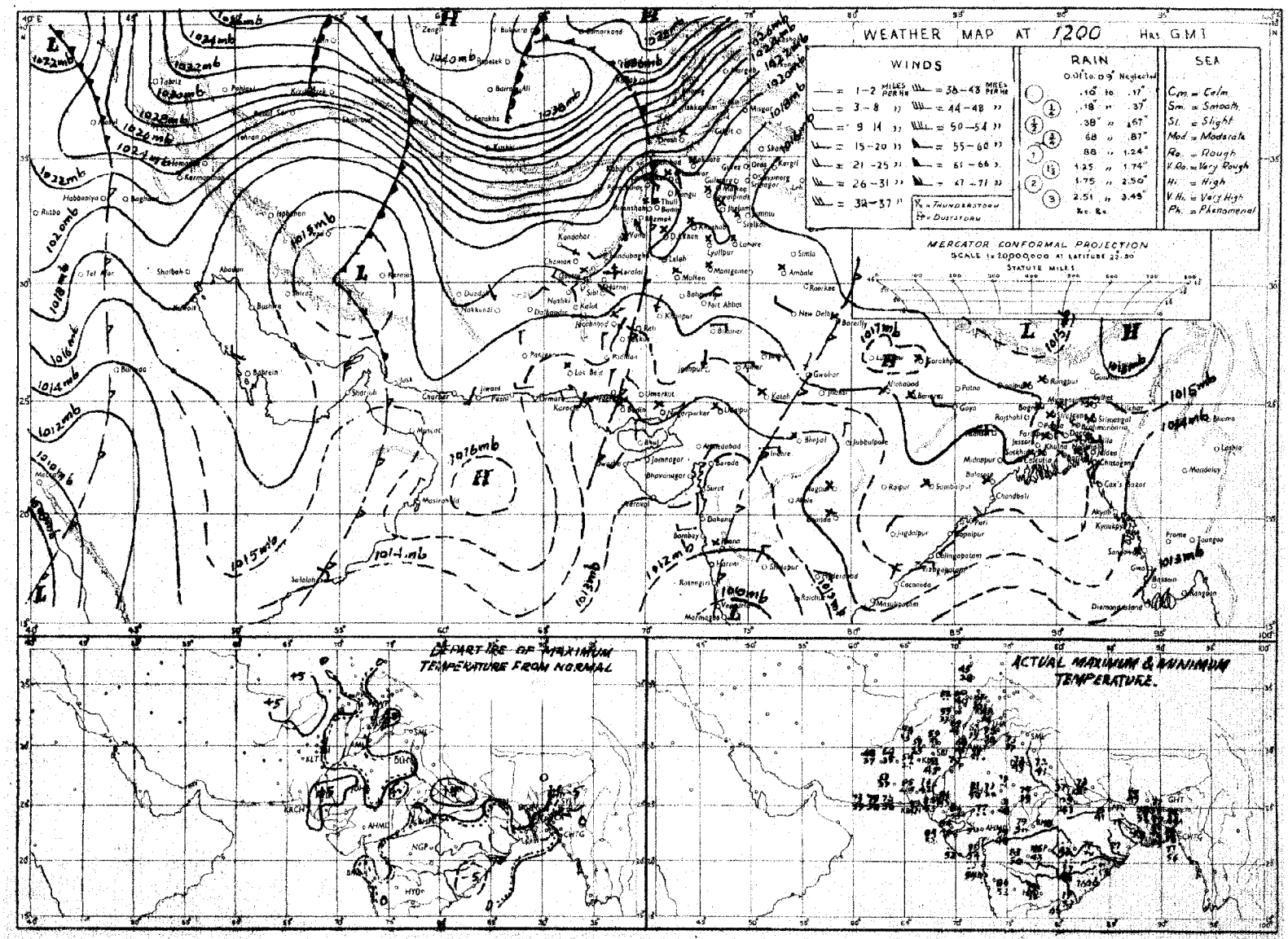
Cloud observation Data (GGiii Cdd V,V, etc.)

12718 32711

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

SUNDAY, 27th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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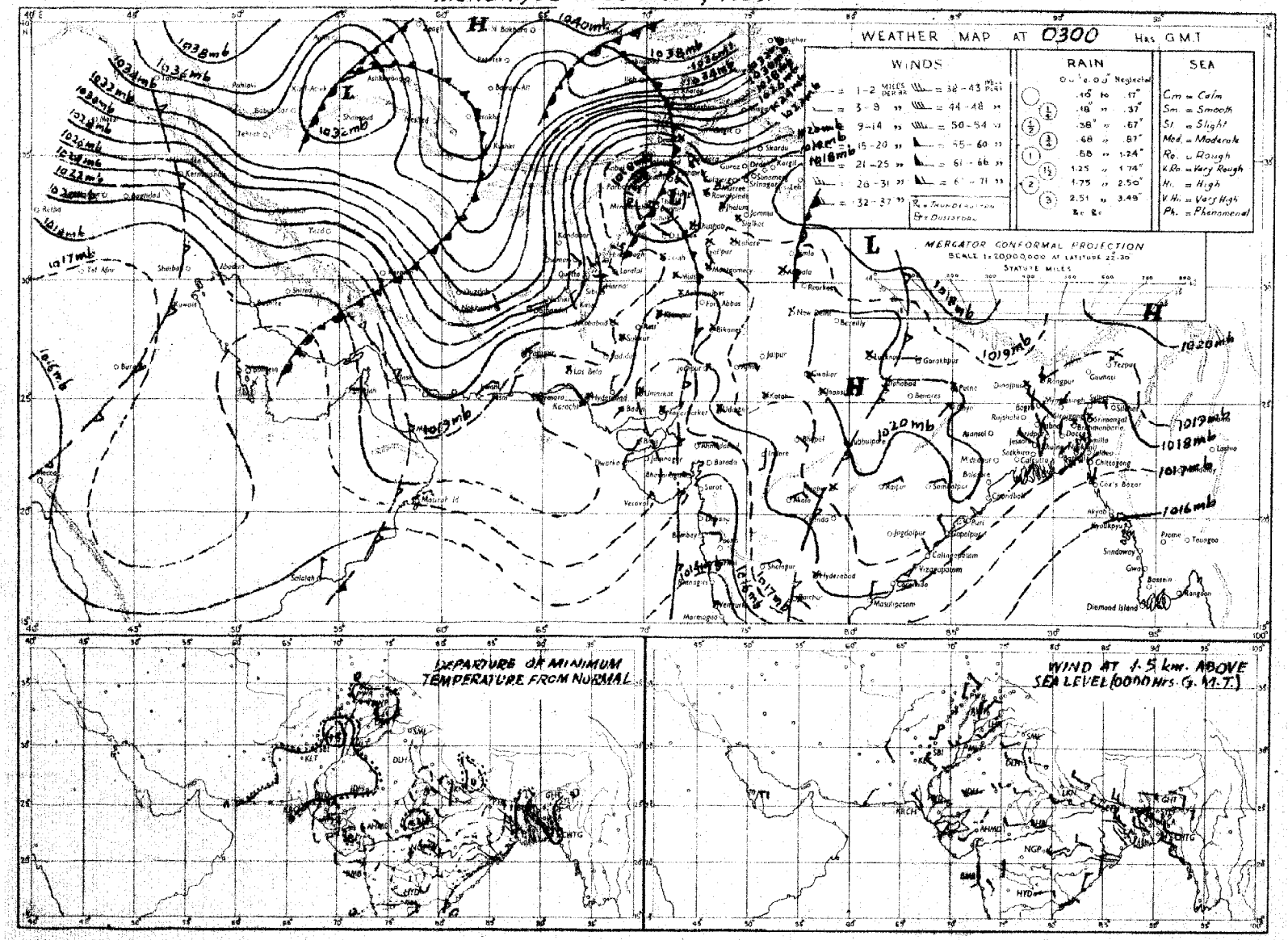
PAKISTAN DAILY WEATHER MAP

MONDAY, 28th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 29th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over Peshawar division moved away eastwards.
The western disturbance over north Iran is now moving across Russian Turkistan northwest of Afghanistan.
A fresh western disturbance lies over north Iran with its trough extending to Saudi Arabia.
Weather remained dry over the country.
Night temperatures were 5—7°F below normal in Quetta and north Kalat divisions and the Federal Capital Area.
Forecast valid until the evening of 30th December, 1959. Weather will be dry over the country.

Karachi-11
The 29th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 (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 November, 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Rainfall: Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	31	02	xx	01	1	137	69	0	0	9	0	6	59	77	000	0	2	13	03	97	03	0	164	69	0	0	9	0	1	60	54	— 1	— 1	1.7	— 2.5	142.8	140
	Chittagong	000	0	0	29	05	96	00	1	146	67	0	0	9	0	0	59	77	000	0	0	02	05	96	00	0	171	67	0	0	9	0	0	59	53	0 —	— 2	1.4	— 1.4	143.4	108
	Maijdee Court	000	0	0	00	00	xx	10	0	149	61	9	x	9	x	x	64	77	000	9	0	00	00	98	00	0	167	63	0	0	9	0	0	59	54	0 —	— 3	0.1	— 1.7	144.7	115
	Comilla	000	0	0	00	00	94	09	0	136	67	0	0	9	0	0	55	77	000	0	0	00	00	97	00	0	165	64	0	0	9	0	0	59	52	0 —	— 1	0	— 1.6	107.8	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	154	67	0	0	9	0	0	59	78	000	2	0	00	00	97	00	4	175	70	0	0	9	0	0	58	55	— —	—	0	— 1.3	85.2	76
	Sylhet	000	0	0	00	00	xx	10	0	167	67	0	0	9	0	0	57	78	000	0	1	09	09	97	03	0	168	63	1	0	9	3	0	54	54	— —	—	0	—	193.9	—
	Srimangal	000	0	0	00	00	xx	00	0	142	60	0	0	9	0	0	57	78	000	3	1	00	00	96	01	4	171	63	0	0	9	0	1	60	4	— 1	— 3	0	— 1.6	109.4	98
Dacca	Mymensingh	000	0	0	00	00	96	00	0	144	70	0	0	9	0	0	56	78	000	0	3	05	02	96	01	1	176	65	0	0	9	0	4	58	4	— —	—	0	— 1.0	113.3	91
	Narayanganj	000	9	0	00	00	xx	05	4	138	69	0	0	9	0	0	57	80	000	0	0	00	00	96	05	4	169	64	0	0	9	0	0	54	56	+ 4	+ 1	0	— 1.1	103.9	74
	Dacca (Tejgaon)	000	0	0	31	03	97	02	0	139	66	0	0	9	0	0	54	77	000	0	2	02	02	96	02	0	166	63	0	0	9	0	1	55	50	— —	—	0	—	103.4	—
	Faridpur	000	8	0	00	00	95	02	0	134	67	0	0	9	0	0	55	75	000	9	3	36	02	94	10	0	159	65	1	0	9	1	1	52	52	+ 1 —	— 0	0	— 1.3	116.6	71
	Barisal	000	0	0	00	00	96	02	0	144	69	0	0	9	0	0	63	76	000	0	0	36	02	96	02	0	170	63	0	0	9	0	0	54	55	0 +	— 1	0	— 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	146	68	0	0	9	0	0	53	79	000	0	0	00	00	96	00	0	178	67	0	0	9	0	0	53	52	+ 2 —	— 1	0	— 1.3	102.8	68
	Satkhira	000	0	0	00	00	96	00	0	155	65	0	0	9	0	0	52	77	000	0	0	00	00	98	00	0	181	65	0	0	9	0	0	50	48	— —	— 3	0	— 1.9	82.1	65
	Jessore	000	0	0	36	02	97	00	0	152	72	0	0	9	0	0	54	78	000	0	0	05	03	97	00	0	173	61	0	0	9	0	0	52	47	— —	—	0	— 1.1	105.9	65
	Sirajganj	000	0	0	00	00	93	00	0	134	64	0	0	9	0	0	59	78	000	0	3	05	04	97	02	1	173	65	0	0	9	0	4	56	52	— —	—	0	— 0.8	107.7	64
	Bogra	000	0	0	00	00	xx	02	0	144	66	0	0	9	0	0	54	77	000	0	6	09	00	96	03	1	174	61	0	0	9	0	4	54	xx	+ 2 —	—	0	— 0.9	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	142	68	0	0	9	0	0	59	77	000	0	0	00	00	96	00	0	175	59	0	0	9	0	0	59	49	+ 3 —	— 0	0	— 0.5	66.9	72
	Rangpur	000	0	0	00	00	96	02	0	xxx	67	0	0	9	0	0	59	77	000	0	3	36	02	94	43	4	xxx	57	3	0	9	4	0	54	49	+ 2 —	— 0	0	— 0.5	72.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	4	8	36	02	98	02	2	193	57	8	0	9	2	x	34	62	000	9	1	00	00	95	10	1	188	43	1	0	9	3	0	41	43	— 8	+ 4	1.1	+ 0.6	27.1	19
	Sialkot	000	5	6	00	00	97	02	1	158	60	6	7	6	0	0	46	62	000	0	0	00	00	96	00	0	177	52	0	0	9	0	0	43	xx	— 5 —	—	3.1	+ 2.3	61.8	32
Rawalpindi	Jhelum	000	8	5	00	00	96	02	2	160	60	3	0	9	3	8	44	65	000	0		31	03	96	02	0	190	44	0	0	9	0	0	37	37	— —	—	5.1	—	35.3	—
	Rawalpindi	000	0	0	00	00	95	02	2	170	54	3	0	9	6	2	43	61	000	0	0	09	02	99	00	0	209	38	0	0	9	0	0	34	37	— 3	— 0	4.4	+ 3.0	56.7	36
	Khushab	000	0	5	00	00	99	03	2	181	60	5	3	6	0	0	44	62	000	0	0	00	00	99	00	1	198	41	0	0	9	0	0	36	37	— 6	— 3	1.1	+ 0.6	23.5	15
Multan	Lyallpur	000	0	5	06	02	95	02	0	167	60	5	0	9	4	0	42	65	000	0	0	36	02	95	00	0	187	39	0	0	9	0	0	38	39	— 2	— 1	0.4	0	18.6	12
	Montgomery	000	0	4	13	02	96	01	1	156	64	5	0	9	0	1	44	69	000	0	0	31	02	96	00	0	192	43	0	0	9	0	0	41	41	0 —	— 0	0.1	— 0.2	8.5	10
	Multan	000	0	2	36	02	96	02	4	154	66	0	0	9	0	1	41	69	000	0	1	00	00	95	05	0	198	45	0	0	9	0	1	38	43	0 —	— 2	0.1	— 0.1	8.3	7
Bahawalpur	Leiah	000	0	3	00	00	97	04	2	156	75	0	0	8	8	0	24	77	000	0	4	36	02	99	02	1	195	41	4	0	8	8	0	36	36	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	25	02	96	01	0	144	73	0	0	9	0	0	49	75	000	0	0	36	03	96	02	0	197	47	0	0	9	0	0	43	43	+ 2 +	+ 2	0	— 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	98	00	0	147	69	0	0	9	0	0	40	75	000	0	0	02	03	98	00	0	198	48	0	0	9	0	0	41	42	+ 4 +	+ 1	0.1	— 0.1	4.6	6
	Fort Abbas	000	0	0	00	00	98	00	0	142	69	0	0	9	0	0	43	76	000	0	0	36	03	98	00	0	184	43	0	0	9	0	0	41	41	— —	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	8	00	00	95	05	3	156	51	8	6	7	x	x	39	52	000	0	0	00	00	98	00	0	212	36	0	0	9	0	0	31	35	— —	—	5.1	—	33.5	—
	Peshawar	000	0	7	11	07	94	04	2	184	52	5	5	6	2	0	43	55	000	0	0	23	02	98	02	0	208	40	0	0	9	0	0	32	39	— 9	— 1	5.9	+ 4.9	29.2	14
	Hariper	000	4	3	23	02	97	02	1	145	46	3	0	9	9	0	37	70	000	0	0	23	02	97	02	0	175	46	0	0	9	0	0	33	35	— —	—	4.5	—	35.7	—
	Campbellpur	000	0	8	36	02	98	02	2	193	57	8	0	9	2	x	34	62	000	9	4	00	00	97	01	1	247	40	0	0	9	0	1	36	36	— —	—	5.3	—	41.2	—
D. I. Khan	Bannu	000	0	8	00	00	98	02	2	159	58	8	5	6	x	x	42	60	000	0	0	00	00	99	00	0	195	39	0	0	9	0	0	38	39	— —	—	3.2	—	16.1	11
	D. I. Khan	000	6	2	00	00	98	03	0	160	60	0	0	9	0	2	48	62	000	2	1	31	02	98	01	1	192	51	0	0	9	0	1	41	44	— 7	+ 5	1.8	+ 1.4	16.7	10
Quetta	Sibi	000	0	0	31	05	98	00	0	165	70	0	0	9	0	0	18	71	000	0	0	31	02	98	00	0	207	47	0	0	9	0	0	15	45	— —	—	4.1	—	9.4	5
	Nokkundi	000	0	0	34	16	96	00	0	242	51	0	0	9	0	0	33	55	000	2	0	02	02	98	02	0	201	34	0	0	9	0	0	18	33	— —	—	0.7	—	1.8	2
	Turbat	000	0	0	09	09	96	17	9	126	67	0	0	9	0	0	32	85	000	0	5	09	08	95	01	0	207	55	5	0	9	5	0	51	xx	— —	—	1.8	—	9.1	—
	Jiwani	000	0	7	02	12	96	02	0	176	72	0	0	9	0	2	18	74	000	0	6	07	03	97	03	0	205	52	0	0	9	0	1	41	48	— —	—	1.7	—	8.4	4
	Pasni	000	0	7	02	14	96	07	0	174	71	0	0	9	2	0	45	74	000	0	6	02	09	98	02	1	194	60	0	0	9	0	8	33	57	— 2	+ 3	0.4	— 0.6	13.5	6
	Ormara	000	0	7	36	05	98	02	1	159	76	7	0	9	2	0	55	78	000	0	7	09	05	98	00	1	184	62	5	0	9	2	0	35	57	— —	—	5.9	+ 5.3	9.9	6
	Las Bela	000	0	4	00	00	97	30	3	186	77	3	6	8	6	6	45	81	000	0	0	00	00	98	00	0	201	54	0	0	9	0	0	42	47	— —	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	96	02	2	152	76	0	0	9	0	6	68	77	000	0	5	09	12	96	03	1	192	56	0	0	9	0	6	41	53	+ 1 —	— 5	1.6	+ 1.3	18.1	8
	Karachi (Air Port)	000	0	0	23	03	96	02	1	151	72	0	0	9	0	8	60	79	000	0	0	36	02	96	03	0	191	53	0	0	9	0	8	43	50	— —	—	3.3	—	26.2	—
	Badin	000	0	0	36	02	97	00	0	165	76	0	0	9	0	0	46	80	000	0	0	23	02	96	00	0	192	46	0	0	9	0	0	39	44	+ 3 —	— 5	0.3	0	11.5	9
	Nagarparkar	000	0	6	29	03	97	03	0	116	86	6	0	9	0	7	48	88	000	0	4	00	00	97	02	1	168	61	0	0	9	0	7	48	54	— —	—	0	—	30.5	—
	Umarkot	000	0	7	27	03	98	03	0	137	85	0	0	9	0	8	41	77	000	0	4	02	03	98	01	1	179	44	0	0	9	0	2	29	44	— —	—	0.5	—	20.8	—
	Hyderabad	000	0	8	36	03	97	03	2	174	72	0	0	9	0	8	46	77	000	0	5	36	05	97	03	1	195	53	0	0	9	0	8	35	51	0 —	— 0	0.5	+ 0.4	19.6	7
Khairpur	Pad-i-dan	000	0	2	34	05	96	01	0	149	69	0	0	9	0	1	48	72	000	0	1	34	03	96	01	0	204	43	0	0	9	0	1	33	39	— —	—	0.3	—	7.9	—
	Nawabshah	000	0	6	00	00	97	03	2	160	71	0	0	9	0	6	43	74	000	0	5	31	02	96	02	1	202	44	0	0	9	0	2	29	41	— —	—	0.3	—	7.5	—
	Sukkur	000	8	2	34	03	96	02	1	150	70	0	0	9	0	3	42	73	000	2	2	00	00	94	05	4	202	44	0	0	9	0	3	37	41	— —	—	0.8	—	5.3	4
	Kashmore	000	0	0	27	03	99	00	0	195	72	0	0	9	0	0	18	75	000	0	0	00	00	99	00	0	197	46	0	0	9	0	0	34	41	— —	—	1.3	—	3.4	—
	Jacobabad	000	0	1	31	07	98	02	0	159	71	0	0	9	0	1	29	73	000	0	0	00	00	98	02	0	204	46	0	0	9	0	0	27	43	+ 1 —	— 1	0.3	+ 0.1	4.7	4
Junagadh Afghanistan	Veraval	...																																							20
Arabia	Jalalabad	...																																							—
	Muscat	...																																							4
	Kuwait	...																																							—
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							26
	Gulmarg **	...																																							—
	Sonamarg **	...																																							71
	Dras **	...																																							26
	Leh **	...																																							3
	Skardu *	...																																							6
	Miagar **	...																																							—
	Allabad *	...																																							—
	Gilgit *	...																																							—
Rawalpindi	Murree *	...	000	9	7	05	02	96	02	1	496	37	5	5	4	8	0	31	43	000	2	0	31	07	98	00	7	520	32	0	0	9	0	0	15	30	— 3	— 3	6.8	+ 4.4	85.2	5
Peshawar	Drosh *	...	000	8	6	00	00	97	01	2	517	39	6	0	9	7	0	23	47	000	9	0	00	00	97	02	0	550	28	0	0	9	0	0	27	27	— 1	— 4	11.0	—	41.6	89
	Chitral *	...	000	6	36	07	97	03	1	537	43	4	4	6	0	8	26	49	000	0	0	36	07	98	00	0	520	41	0	0	9	0	0	26	41	— 2	+ 1	7.4	+ 5.7	38.8	18
	Kakul	...	000	7	7	13	05	96	20	5	502	46	7	4	6	0	1	37	53	000	0	0	31	03	95	04	0	514	41	0	0	9	0	0	31	38	— —	—	5.9	—	61.0	29
	Landi Kotal *	...	000	7	7	20	01	97	03	2	497	44	7	0	9	2	0	39	45	000	0	0	23	02	99	00	0	510	40	0	0	9	0	0	25	34	— —	—	5.7	—	34.5	—
	Parachinar *	...	010	6	8	00	00	97	02	2	529	40	3	1	8	0	2	32	49	000	0	0	00	00	99	00	0	548	29	0	0	9	0	0	22	28	— 11 —	— 2	8.1	—	36.2	—
D. I. Khan	Miranshah *	...	000+	0	8	00	00	99	03	2	485	45	8	3	6	x	x	41	57	000	0	0	00	00	99	00	0	492	26	0	0	9	0	0	25	32	— —	—	1.5	+ 0.8	8.5	29
	Wana *	...	000	0	2	36	09	99	10	1	467	47	2	2	9	0	0	13	52	000	0	0	00	00	99	00	0	502	28	0	0	9	0	0	19	26	— —	—	1.6	—	15.7	13
Quetta	Fort Sandeman *	...	000	0	0	34	02	98	02	1	521	50	6	0	9	3	0	15	55	000	0	0	00	00	98	00	0	545	31	0	0	9	0	0	08	28	— 4	— 1	5.4	+ 4.0	21.4	11
	Hindubagh *	...	000	4	0	25	12	96	00	0	507	38	0	8	9	0	0	22	42	000	0	0	25	03	98	00	0	515	25	0	0	9	0	0	22	24	— —	—	7.2	—	20.2	—
	Loralai *	...	000	0	0	31	05	98	00	0	376	50	0	0	9	0	0	48	54	000	0	0	31	03	98	01	1	346	35	0	0	9	0	1	35	31	— —	—	5.2	—	18.2	—
	Marwat *	...	000	0	0	27	03	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	— —	—	6.8	+ 5.8	19.6	—
	Quetta *	...	000	9	0	36	07	99	00	0	514	40	0	0	9	0	0	13	45	000	0	4	00	00	96	02	0	548	32	0	0	9	0	0	28	28	— —	—	2.9	+ 1.8	13.3	14
	Chaman *	...	000	0	0	31	02	96	00	0	545	43	0	0	9	0	0	16	47	000	0	0	13	01	95	00	0	545	29	0	0	9	0	0	22	28	— 6	— 6	2.8	+ 1.3	9.8	8
Kalat	Kalat *	...	000	0	5	34	12	98	02	0	544	34	0	0	9	0	3	xx	37	000	0	0	09	10	98	03	0	561	24	0	0	9	0	1	18	19	— 14 —	— 7	2.7	+ 1.5	14.6	7
	Nushki *	...	000	0	0	36	09	98	02	0	615	46	0	0	9	0	0	11	47	000	0	0	31	02	97	01	1	597	30	0	0	9	0	2	17	30	— —	—	1.4	—	4.3	9
	Dalbandin *	...	000	0	0	34	05	95	05	0	550	54	0	0	9	0	1	20	56	000	3	2	27	02	94	05	4	535	31	0	0	9	0	1	17	31	— 7 —	— 1	1.2	+ 0.5	3.5	—
	Panjgur *	...	000	0	8	36	09	96	03	2	539	48	0	0	9	6	0	10	49	000	0	2	05	03	98	03	1	534	32	2	0	9	0	0	19	30	— 15 —	— 7	0.3	—	4.4	14
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 rain, fall 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 [illegible] 29th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_sd_sP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Eihomeru	23 121	610 00	1 01 02	98 02 0	180 70	11 4 00	75 40 0	...	0 56 60	1 02 11
Ocean Endeavor	23 224	579 06	6 36 10	98 xx 0	xxx 79			...		...
World health	23 218	614 06	5 04 12	99 02 0	223 66	51 5 88	35 21 3	...	0 51 60	1 36 21
Junon	23 165	554 06	7 06 09	99 03 0	110 77	42 4 01	55 21 0	...	0 01 70	1 04 21
Alfred Fraissinet	23 252	576 06	4 05 09	98 02 2	235 73	40 9 76	36 13 4	...	0 55 49	1 06xx
Beeren fels	23 203	605 06	0 33 09	99 02 1	019 73		...	...		
Senthia	23 215	695 06	6 36 12	99 02 0	166 73	75 2 10		...	0 54 54	1 33 32
World health	23 213	630 09	6 06 12	99 02 0	201 75	51 5 60	35 22 2	...	0 01 60	1 36 21
Phigania	23 167	545 09	6 04 12	98 02 0	165 77	32 3 06	15 71 5	...	0 01 xx	1 07 22
World health	23 208	625 12	7 06 12	98 02 0	188 73	51 5 60	35 71 3	...	0 52 60	1 04 22
Alfred Fraissinet	23 239	586 12	4 36 09	98 02 2	202 73	41 6 10	36 40 0	...	0 55 57	1 06 x1
Esso Cambridge	23 217	597 12	6 34 09	98 02 1	171 70	41 4 00	55 40 0	...	0 56 47	1 00 22
Senthia	23 225	686 12	5 06 16	99 03 1	136 75	50 9 71	74 60 5	...	0 02 60	1 34 32
Inhigenia	23 170	552 12	1 03 12	98 02 1	145 77	32 3 04	15 72 0	...	0 02 66	1 06 21
Alfred Fraissinet	23 228	598 18	1 33 05	98 01 1	210 72	10 9 10	46 40 0	...	0 56 57	1 03 x1
Senthia	23 235	675 18		99 02 0	161 73	00 9 01	74 10 5	...	0 01 60	1 33 32

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...		016 115 088	140 185 999	...	146 125 999	...	313 095 999	439 510 999	...	...	...	...	...	...
Dacca ...	00 00													
Jiwani ...		014 122 072	135 150 999	...	150 080 999	...	310 058 999	435 008 999	579 590 999	741 715 999	953 868	221 075	398 202	...
Karachi ...	00 00													
Lahore ...		975 055 022	...	...	150 068 999	...	308 510 999	427 612 999	565 695 999	728 795 999	...	...	...	...
Multan ...														
Peshawar ...	00 00													
Quetta ...														

At Significant Levels

STATION	Time of ascent in G.M.T.	PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...											400 795 999	...	
Dacca ...	00 00	...	...	...	...	...	...	...	...	...			
Jiwani ...											150 202 999	...	...
Karachi ...	00 00	...	...	...	...	...	...	...	...	...			
Lahore ...													
Multan ...		900 085 999	800 045 999	395 800 999	...	...	...	...	...	...	395 800 999	...	...
Peshawar ...	00 00												
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 ...	29 06	30 07	33 06	29 08	28 23	28 29	...	...	...	36 07	05 01	15 01	30 09	30 21	...	26 03	25 03	25 01	30 05	27 19	...	...	...	...	04 18	...
Chaklala ...	...	21 01	10 04	12 08	11 09	07 04	12 05	26 14	27 09	...	19 03	09 04	05 02	36 09	05 15	...	22 06	28 06	30 11	32 17	05 15	04 13	04 17	04 17	...	...
Chhor ...	30 07	33 05	32 05	29 10	28 21	27 32	...	...	...	01 17	33 19	35 12	30 13	26 21	28 32	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	36 05	10 06	07 06	22 04	29 14	...	...	...	...	02 07	02 09	04 06	27 10	26 12	27 25											
Cox's Bazar ...	36 09	04 07	32 02	31 07	31 17	29 25	...	...	...	01 10	02 01	10 10	27 08	28 13	29 23	19 08	14 15	21 09	25 16	26 15	26 25	...	...	...	...	...
Dacca ...	28 09	31 07	32 04	27 06	29 19	28 29	28 47	28 53	28 55	01 08	04 03	33 02	28 15	27 27	27 35	32 03	30 02	30 05	29 15	28 23	27 56	26 46	26 53	26 59	...	...
Delbandin ...	...	...	00 00	31 03	34 18	31 37	29 61	28 61	29 73	...	...	07 14	04 13	01 17	34 22	...	...	06 08	05 16	03 18	02 18	34 31	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	14 03	16 06	17 11	...	...	...	...	03 03	05 13	36 28	36 04	36 21	...	...
Drosh ...	...	...	...	...	09 04	32 03	29 05	...	...	...	...	...	01 02	01 12	01 26				23 04	01 06	03 15	...	...	...	...	...
Fort Sandeman ...				32 08	30 08	...	...	...	...				36 08	02 15	33 27	27 01	29 05	34 07	01 11	01 13	32 24		...	...	...	...
Jacobabad ...	34 12	33 08	33 01	32 13	29 17	23 45	...	...	...	11 21	10 10	05 08	28 13	26 20	26 29	33 03	33 04	32 11	29 13	27 20	26 35	...	...	...	...	...
Jessore ...	31 07	32 07	32 07	30 12	29 15	28 23	...	...	...	03 05	03 07	35 13	30 12	04 13	05 16	31 04	32 08	33 06	36 07	05 09	07 15	...	...	...	...	...
Jhelum ...	29 01	30 01	26 01	10 02	13 11	11 13	13 05	14 03	14 06	33 03	12 04	11 09	10 12	04 13	05 16	03 19	06 15	07 09	06 05	03 01	28 08	23 26	26 29	26 35	26 51	...
Jiwani ...	03 21	03 22	03 20	02 14	01 11	...	...	...	...	03 20	02 21	65 21	04 12	36 09	29 10											
Karachi ...	34 10	01 09	01 10	32 12	29 17	28 26	27 37	28 41	29 43	04 20	04 10	03 03	27 07	28 12	29 21	05 14	04 10	04 07	31 08	30 12	27 15	...	...	...	...	...
Khanpur ...	27 07	30 10	30 11	30 14	27 16	28 25	29 48	24 68	...	03 17	03 15	03 10	01 10	31 15	33 10	02 12	02 14	01 13	01 15	01 18	35 14	...	...	...	...	...
Lahore ...	35 03	34 03	33 01	31 09	31 12	23 14	...	...	...	02 08	04 03	20 01	11 03	21 02	33 02	34 07	31 06	30 04	35 06	06 08	06 12	04 15	04 22	05 29	33 29	79 01
Multan ...	03 08	02 10	01 12	36 11	33 10	23 13	24 23	27 28	27 77	36 13	36 11	36 11	34 15	33 13	35 18	01 11	36 18	01 20	02 20	02 19	35 19	34 27	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	28 03	31 12	32 13	01 07	07 12	07 13	...	...	...	14 01	25 03	30 13	32 11	04 09	...	28 02	31 02	30 11	33 15	03 11	...	...	...	...	...
Quetta ...	...	...	...	...	29 15	31 39	31 78	80 25	...	No	Ascent	...	...	...	...					04 06	02 22	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 05	23 04	20 04	23 07	30 09	28 38	27 45	...	...	10 16	11 06	12 04	17 03	27 16	27 37	18 01	20 01	20 03	23 07	27 16	26 37	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s. l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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 ...	26 18	26 24	26 23	30 23	22 45	27 72	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	05 15	05 18	31 06	30 06	29 10	29 10	28 27	28 29	28 39	28 39	28 51	27 67	27 78	27 78	27 97	...	...	...
Peshawar ...	Missda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

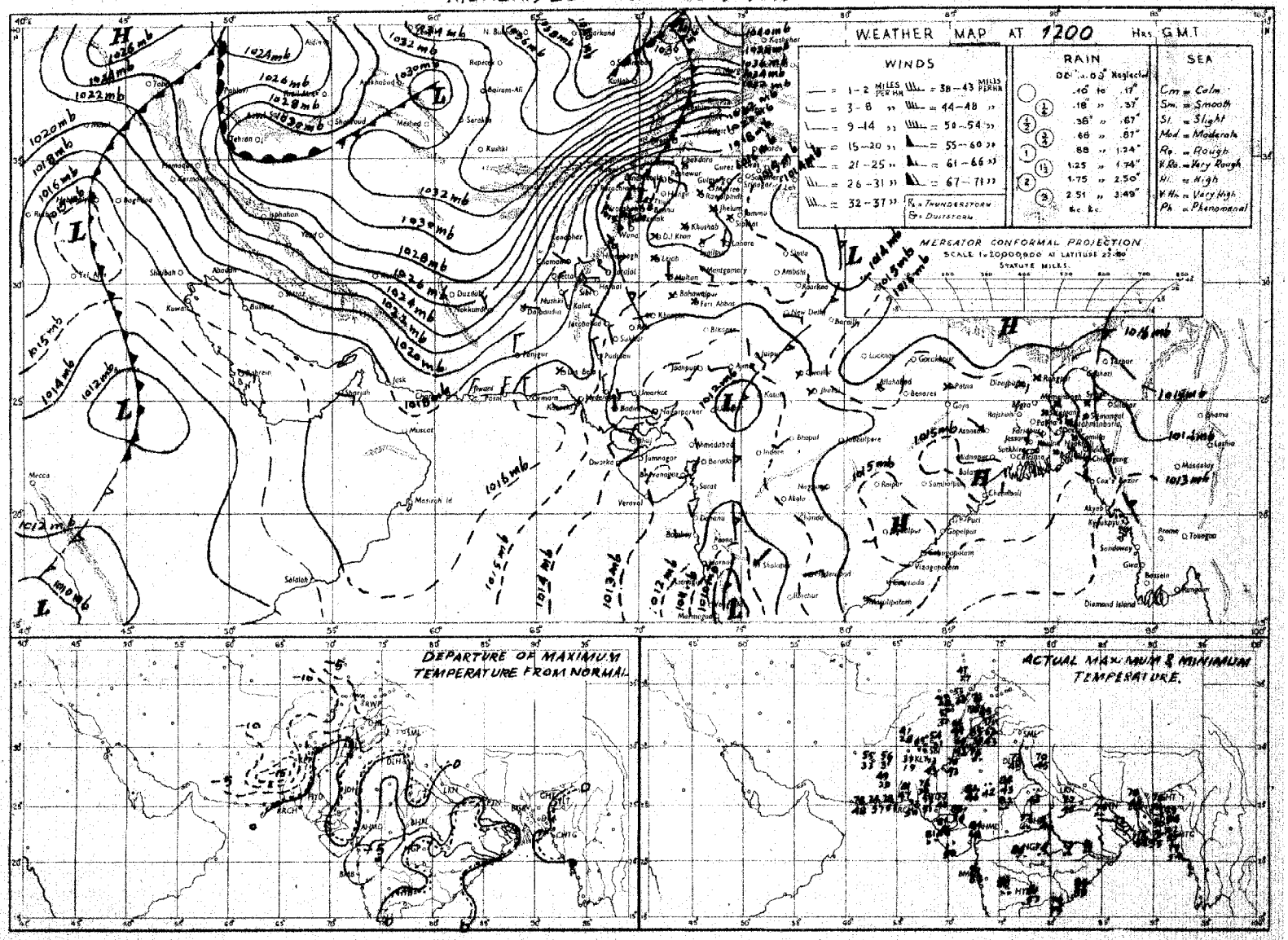
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V.V. etc.)

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

MONDAY, 28th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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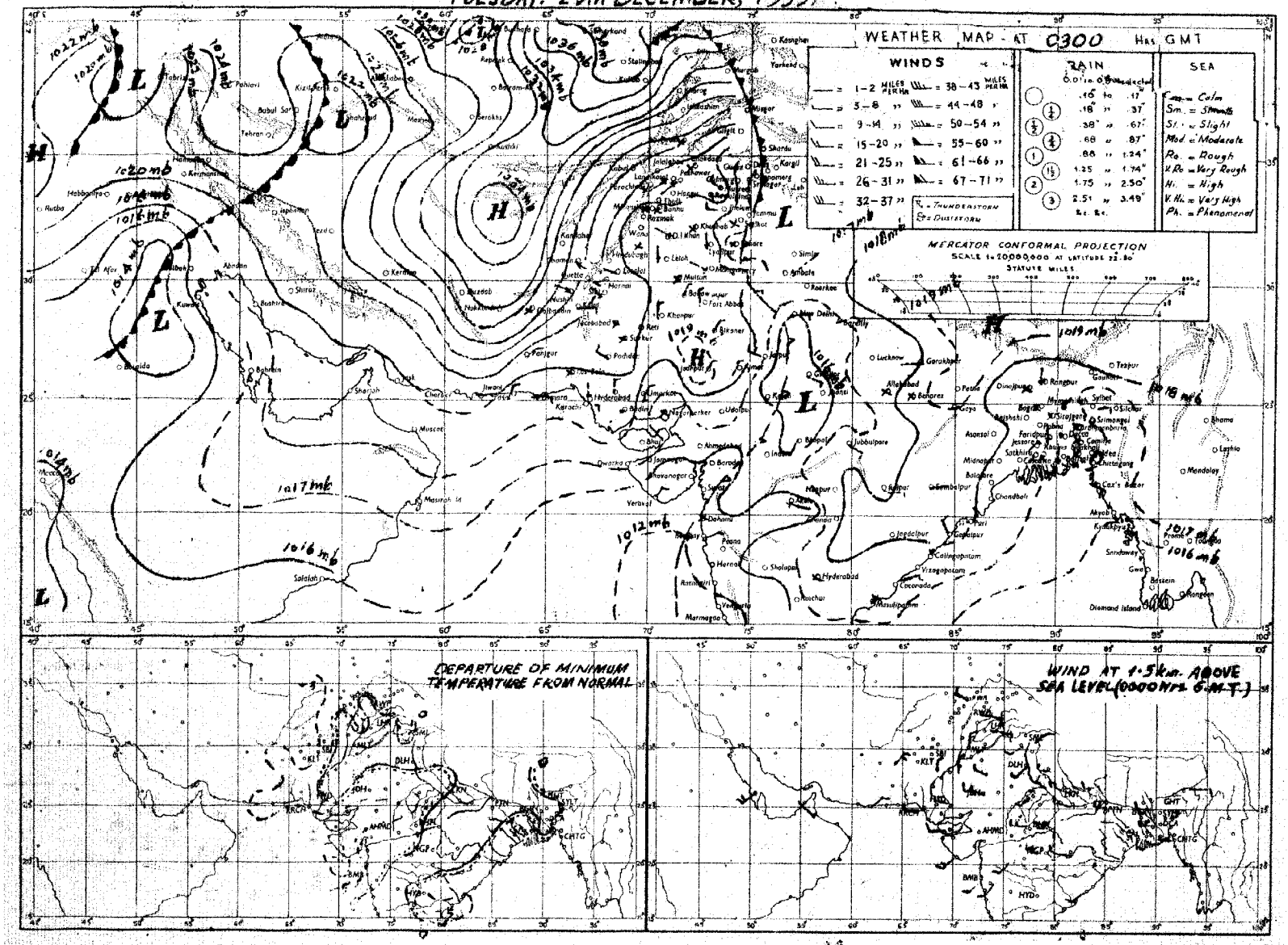
PAKISTAN DAILY WEATHER MAP

TUESDAY, 29th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 30th DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over north Iran now lies over northeast Iran with its trough extending to southwest Iran.
Weather remained dry over the country.
Night temperatures were 3—6°F below normal in Peshawar, Rawalpindi, D. I. Khan, Quetta, Kalat and Hyderabad divisions and the Federal Capital Area.
Forecast valid until the evening of 31st December, 1959. Weather will continue to be dry over the country.

Karachi-11
The 30th December, 1959.

OBSERVATIONS

K. U. SIDDIQI
for Director, Meteorological Service.

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °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 November, 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	29	02	xx	01	0	143	68	0	0	9	0	4	58	79	000	0	3	13	03	97	03	0	169	69	1	1	7	0	1	61	54	+ 1	− 2	1.7	− 2.5	142.8	140
	Chittagong	000	0	3	34	05	96	01	1	146	67	3	0	9	1	0	60	77	000	0	2	07	02	96	01	1	178	65	1	0	9	1	2	59	53	+ 1	− 2	1.4	− 1.4	143.4	108
	Matijdee Court	000	9	0	00	00	xx	10	0	144	67	9	x	9	x	x	64	77	000	9	0	00	00	98	00	0	178	67	0	0	9	0	0	57	53	− 1	− 4	0.1	− 1.7	144.7	115
	Comilla	000	0	0	00	00	94	00	0	153	68	0	0	9	0	0	54	78	000	0	0	00	00	97	00	0	174	63	0	0	9	0	0	56	52	+ 1	− 1	0	− 1.6	107.8	94
	Brahmanbaria	000	0	2	00	00	xx	01	1	144	68	0	0	9	0	9	59	78	000	0	2	23	02	97	03	1	177	65	0	0	9	0	4	56	55	−	−	0	− 1.3	85.2	76
	Sylhet	000	0	2	27	02	xx	01	0	138	66	2	0	9	7	0	54	79	000	0	1	09	05	96	01	0	175	62	1	0	9	2	0	56	53	−	−	0	−	193.9	—
	Srimangal	000	0	2	00	00	xx	03	1	143	67	1	5	7	6	0	57	79	000	0	2	03	00	96	03	1	174	65	0	0	9	6	0	57	46	− 0	− 1	0	− 1.7	109.4	98
Dacca	Mymensingh	000	0	4	00	00	97	02	1	142	70	0	0	9	0	4	58	77	000	0	4	00	00	96	02	1	180	61	0	0	9	0	8	57	54	—	—	0	− 1.0	113.3	91
	Narayangani	000	0	3	00	00	xx	03	0	138	68	0	0	9	0	8	55	78	000	0	0	13	02	94	42	4	171	66	0	0	9	0	0	57	56	+ 2	+ 1	0	− 1.1	103.9	74
	Dacca (Tejgaon)	000	9	5	23	02	97	01	1	138	66	2	0	9	3	1	52	76	000	0	1	13	03	95	05	0	167	65	0	0	9	0	1	54	49	−	−	0	−	109.6	—
	Faridpur	000	8	0	00	00	94	10	0	147	64	0	0	9	0	0	55	75	000	9	0	16	02	94	42	4	178	64	0	0	9	0	0	55	53	+ 1	− 1	0	− 1.3	116.6	71
	Barisal	000	0	0	00	00	96	02	1	144	68	0	0	9	0	0	53	76	000	4	0	05	01	96	03	4	195	65	0	0	9	0	0	56	54	0	0	0	− 1.8	140.5	81
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	144	67	0	0	9	0	0	55	75	000	0	0	00	00	96	00	0	176	67	0	0	9	0	0	57	54	− 2	+ 1	0	− 1.3	102.8	68
	Satkhira	000	0	0	00	00	98	00	0	147	67	0	0	9	0	0	55	77	000	0	0	00	00	98	00	0	176	66	0	0	9	0	0	58	52	− 1	+ 1	0	− 1.9	82.1	65
	Jessore	000	0	5	00	00	97	03	1	138	67	0	0	9	0	5	55	78	000	0	0	00	00	97	00	0	171	58	0	0	9	0	0	56	50	—	—	0	− 1.1	105.8	65
	Sirajganj	000	0	7	00	00	93	02	2	138	66	7	0	9	5	0	59	77	000	0	4	00	00	98	03	1	172	66	2	0	9	0	1	53	51	—	—	0	− 0.8	107.7	64
	Bogra	000	0	6	27	02	xx	02	2	138	64	3	5	6	0	1	52	76	000	0	2	13	02	96	01	4	170	61	0	0	9	0	1	56	50	—	+ 3	0	− 0.9	104.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	147	68	0	0	9	0	0	61	72	000	0	0	00	00	96	00	0	177	62	0	0	9	0	0	55	47	− 3	+ 2	0	− 0.5	66.9	73
	Rangpur	000	0	4	00	00	96	02	1	142	70	0	0	9	0	4	58	77	000	0	0	00	00	93	44	4	xxx	59	0	0	9	0	0	56	49	+ 2	0	0	− 0.5	72.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	168	64	0	0	9	0	0	41	68	000	0	0	00	00	95	10	0	196	39	0	0	9	0	0	37	39	− 2	0	1.1	+ 0.6	27.1	19
	Sialkot	000	0	0	31	02	98	00	0	150	62	0	0	9	0	0	44	67	000	0	0	00	00	96	00	0	181	47	0	0	9	0	4	34	41	0	0	3.1	+ 2.3	61.8	31
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	160	62	0	0	9	0	0	38	68	000	0	0	00	00	94	01	0	192	39	0	0	9	0	0	37	38	0	−	5.1	−	55.3	—
	Rawalpindi	000	0	0	27	02	99	00	0	169	55	0	0	9	0	0	42	61	000	0	0	27	03	98	00	0	207	35	0	0	9	0	0	34	34	− 3	− 3	4.4	+ 2.9	56.7	36
	Khushab	000	0	0	00	00	99	00	0	179	61	0	0	9	0	0	40	73	000	0	0	00	00	99	00	0	204	38	0	0	9	0	0	33	35	+ 5	− 5	1.1	+ 0.6	23.5	15
Multan	Lyallpur	000	0	0	36	02	96	00	0	176	65	0	0	9	0	0	41	67	000	0	0	00	00	95	00	0	184	39	0	0	9	0	0	38	39	0	− 1	0.4	0	18.6	12
	Montgomery	000	0	0	36	02	96	00	0	167	65	0	0	9	0	0	41	66	000	0	0	00	00	96	00	0	194	41	0	0	9	0	0	39	39	− 3	− 2	0.1	− 0.2	8.5	10
	Mulzan	000	0	2	36	02	96	02	0	174	68	0	0	9	0	1	37	69	000	0	2	00	00	94	46	0	197	43	0	0	9	0	2	37	40	0	− 1	0.1	− 0.1	8.3	7
Bahawalpur	Leiah	000	0	0	36	04	98	05	0	172	69	0	0	9	0	0	37	69	000	0	0	00	00	98	05	0	200	49	0	0	9	0	0	40	xx	—	—	2.5	—	7.0	8
	Khanpur	000	0	0	00	00	95	02	0	180	65	4	0	9	4	0	49	70	000	0	0	16	02	95	03	0	204	44	0	0	9	1	1	39	41	− 3	0	0	− 0.2	4.4	6
	Bahawalpur	000	0	1	00	00	98	00	0	179	65	1	0	9	0	1	58	68	000	0	0	00	00	96	41	0	202	44	0	0	9	0	0	39	40	− 3	− 1	0.1	− 0.1	6.8	6
	Fort Abbas	000	0	0	36	03	98	00	0	174	65	0	0	9	0	0	54	67	000	0	0	00	00	98	0	0	198	38	0	0	9	0	0	35	xx	—	—	1.0	—	10.2	4
Peshawar	Chakdara	000	0	0	00	00	97	00	0	149	66	0	0	9	0	0	54	59	000	0	0	00	00	97	00	0	210	35	0	0	9	0	0	33	33	—	—	5.1	—	33.5	—
	Peshawar	000	0	0	00	00	97	02	0	175	61	0	0	9	0	0	34	63	000	0	1	23	03	98	03	0	201	39	1	0	9	3	0	29	37	− 1	− 3	5.9	+ 4.9	39.2	14
	Mardan	000	0	0	13	02	97	00	0	166	59	0	0	9	0	0	52	64	000	0	0	05	04	97	00	0	194	38	0	0	9	0	0	27	35	−	−	4.5	—	35.7	—
	Campbellpur	000	0	0	36	02	98	00	1	190	61	0	0	9	0	0	38	63	000	0	0	00	00	98	00	0	229	36	0	0	9	0	0	33	33	—	—	5.3	—	41.1	—
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	159	64	0	0	9	0	0	45	65	000	0	3	00	00	99	02	0	191	38	0	0	9	0	2	35	38	—	—	3.2	—	16.1	11
	D. I. Khan	000	6	0	00	00	98	00	0	166	66	0	0	9	0	0	49	70	000	0	4	00	00	98	01	1	196	38	0	0	9	0	4	36	36	+ 1	− 3	1.8	+ 1.4	16.7	10
Quetta	Sibi	000	0	0	05	02	99	00	0	183	72	0	0	9	0	0	23	73	000	2	6	00	00	98	03	1	204	40	0	0	9	3	0	29	39	—	—	4.1	—	9.4	5
	Nokkundi	000	0	0	13	02	99	00	0	225	56	0	0	9	0	0	31	57	000	0	0	02	02	99	00	0	269	34	0	0	9	0	0	18	32	—	—	0.7	—	1.8	2
	Turbat	000	0	3	05	03	97	01	0	175	71	0	0	9	0	0	51	73	000	0	0	09	02	96	00	0	197	40	0	0	9	0	0	57	xx	—	—	1.8	—	9.1	—
	Jiwani	000	0	7	11	07	96	06	2	175	71	4	0	9	0	0	51	73	000	0	0	36	05	97	01	0	192	53	0	0	9	0	0	45	50	—	—	1.7	—	8.4	4
	Pasni	000	0	6	13	07	98	00	0	172	70	6	0	9	2	0	52	72	000	0	0	31	02	98	00	0	190	55	0	0	9	0	0	34	53	− 4	− 1	0.4	− 0.6	13.5	6
	Ormara	000	0	4	00	00	98	02	1	167	72	6	0	9	1	0	36	74	000	0	4	00	00	98	01	1	191	54	4	0	9	2	1	46	60	—	—	5.9	+ 5.2	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	184	79	0	0	9	0	0	41	81	000	0	0	02	xx	98	00	0	201	63	0	0	9	0	0	32	45	—	—	0.4	—	7.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	09	12	98	03	2	164	73	0	0	9	0	6	54	75	000	0	0	05	14	96	01	1	195	52	0	0	9	0	1	41	47	− 1	− 14	1.6	+ 1.3	18.1	8
	Karachi (Air Port)	000	0	6	05	09	96	07	1	168	73	0	0	9	0	8	44	75	000	0	6	00	00	96	03	1	192	46	0	0	9	0	0	34	43	—	—	3.3	—	26.2	—
	Badin	000	0	0	23	02	97	00	0	173	73	0	0	9	0	0	34	84	000	0	0	23	02	xx	00	0	192	44	0	0	9	0	0	42	43	− 2	− 6	0.1	0.0	11.5	9
	Nagarparker	000	0	0	00	00	98	00	0	150	83	0	0	9	0	0	46	75	000	0	0	00	00	98	00	0	176	59	0	0	9	0	0	46	52	—	—	0	—	30.5	—
	Umarkot	000	0	7	36	10	98	00	0	156	73	0	0	9	0	8	32	73	000	0	6	02	03	98	00	0	181	43	0	0	9	0	2	33	41	—	—	0.5	—	20.8	—
	Hyderabad	000	0	8	36	07	97	03	2	175	69	0	0	9	0	8	43	73	000	0	4	35	03	96	10	1	194	51	0	0	9	0	1	37	49	—	4	0.5	+ 0.4	19.6	7
Khairpur	Padidan	000	0	2	31	05	96	03	0	178	67	0	0	9	0	4	37	69	000	0	2	00	00	96	03	0	194	40	0	0	9	0	4	36	38	—	—	0.3	—	7.9	—
	Nawabshah	000	0	6	30	07	96	03	2	185	70	0	0	9	0	6	28	70	000	0	5	00	00	96	02	2	206	42	0	0	9	0	6	36	41	—	—	0.3	—	7.5	—
	Sukkur	000	0	4	00	00	99	00	0	175	68	4	1	6	0	0	32	70	000	9	4	02	02	96	01	1	192	48	0	0	9	0	8	44	43	—	—	0.8	—	5.3	4
	Kashmore	000	0	6	27	03	97	20	2	180	68	0	0	9	0	5	34	70	000	0	0	xx	00	99	00	0	199	47	0	0	9	0	0	28	37	—	—	1.3	—	3.4	—
	Jacobabad																		000	0	1	00	00	96	00	2	196	44	0	0	9	0	1	33	43	− 2	− 1	0.3	+ 0.1	4.7	4
Junagadh	Veraval																																								28
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								26
Kashmir	Srinagar **																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								—
	Leh **																																								6
	Skardu *																		000	0	0	00	00	98	00	0	148	10	0	0	9	0	0	10	07	—	—	—	—	—	—
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								—
Rawalpindi	Murree *	000	0	0	27	05	98	00	0	512	40	0	0	9	0	0	23	46	000	0	0	02	13	98	00	0	534	40	0	0	9	0	0	15	32	0	− 1	6.8	+ 4.3	85.2	59
Peshawar	Drosh *	000	0	0	09	03	97	02	0	549	42	0	0	9	0	0	11	50	000	0	0	09	03	97	02	0	566	31	0	0	9	0	0	30	30	+ 2	− 1	11.0	−	41.6	18
	Chitral *	000	0	0	05	05	98	00	0	517	47	0	0	9	0	0	19	51	000	0	0	31	03	98	00	0	519	48	0	0	9	0	0	10	41	0	+ 1	7.4	− 0.5	38.8	29
	Kalam *	000	0	0	18	02	96	04	0	511	49	0	0	9	0	0	38	57	000	0	1	34	05	96	04	0	511	42	0	0	9	0	1	16	39	—	—	5.9	—	61.0	—
	Landi Kotal *	000	0	0	13	02	99	00	0	511	50	0	0	9	0	0	15	54	000	0	0	00	00	99	00	0	509	37	0	0	9	0	0	16	35	—	—	5.7	—	34.5	—
D. I. Khan	Parachinar *	000	0	0	13	02	99	00	0	523	54	0	0	9	0	0	30	61	000	0	2	00	00	98	00	0	522	33	0	0	9	0	1	16	28	—	—	8.1	—	36.2	29
	Miranshah *	000	0	0	00	00	99	00	0	497	56	0	0	9	0	0	34	63	000	0	0	00	00	99	00	0	493	35	0	0	9	0	0	23	33	—	—	1.5	+ 0.7	8.5	13
	Wana *	000	0	0	11	03	99	00	0	498	54	0	0	9	0	0	27	66	000	0	3	20	02	99	00	2	519	29	0	0	9	0	0	24	26	—	—	1.6	—	15.7	—
Quetta	Fort Sandeman *	000	0	0	00	00	98	00	0	542	58	0	0	9	0	0	19	58	000	0	2	00	00	98	00	0	546	29	0	0	9	0	4	17	25	+ 1	− 4	5.4	+ 4.7	21.4	11
	Hindubagh *	000	0	0	00	00	98	00	0	491	55	0	0	9	0	0	25	59	000	2	1	25	04	98	00	0	514	26	0	0	9	0	0	23	25	—	—	7.2	—	20.2	—
	Loralai *	000	0	5	13	02	98	01	1	367	56	2	2	7	0	1	54	60	000	0	4	23	03	98	01	1	347	30	2	2	8	0	1	27	29	—	—	5.2	—	18.2	—
	Harnai *	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	2	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.8	+ 5.8	19.6	14
	Quetta *	000	0	5	00	00	98	03	1	516	45	0	0	7	0	0	26	64	000	0	4	00	00	96	01	2	528	37	0	0	8	3	0	22	33	—	—	2.9	+ 1.7	13.2	8
	Chaman *	000	0	0	27	00	98	00	0	566	45	0	0	9	0	0	27	47	000	0	0	09	01	96	00	0	531	32	0	0	9	0	0	25	28	—	6	2.8	+ 1.2	9.0	7
Kalat	Kalat *	000	0	6	36	02	98	02	2	528	42	0	0	9	0	1	21	48	000	0	2	20	10	97	03	0	540	31	0	0	9	0	1	30	23	− 3	− 3	2.7	+ 1.5	14.6	9
	Nushki *	000	0	4	31	05	98	02	1	597	47	4	0	9	0	2	19	50	000	0	1	00	00	98	02	1	583	34	2	0	9	0	2	22	29	—	—	1.4	—	4.3	—
	Dalbandin *	000	8	7	09	07	95	05	4	540	49	0	0	9	4	1	14	50	000	0	5	05	02	95	05	1	518	30	2	0	9	3	4	22	28	—	13	1.2	+ 0.5	3.5	5
Afghanistan	Panjgur *	000	0	3	36	09	96	02	2	528	51	0	0	9	4	0	17	51	000	0	0	05	03	96	00	0	525	39	0	0	9	0	0	13	31	− 13	− 6	0.3	−	6.4	14
	Kabul *	000	0	0	27	03	99	00	0	541	35	0	0	9	0	0	31	36	000	0	4	36	05	98	03	0	188	23	4	4	8	0	0	19	16	—	—	—	—	—	—
	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 rain fall 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 30th DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_a L_a L_a$	$L_o L_o L_o$ GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 N, Ch, h_s	O $T_s T_s T_d T_d$	$id_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptuna	33 129	532 00	7 34 06	97 03 1	140 75	xx 0 xx	66 81 2	...	0 52 72	1 04 x2
Esso Rotterdam	30 250	577 00	0 05 18	98 01 0	192 90	00 9 00	34 80 3	...	0 52 82	1 05 23
Alfred Fraissinet	33 197	586 06	2 05 13	98 01 1	211 77	12 6 06	56 10 4	...	0 51 63	1 06 x1
World health	33 178	646 06	2 01 08	98 01 0	193 75	11 5 08	35 20 3	...	0 51 66	1 01 21
Esso Rotterdam	30 237	588 06	4 11 09	98 02 1	211 73	11 5 08	26 21 1	...	0 50 52	1 11 21
Ishigama	33 205	589 09	5 04 15	98 02 1	175 79	22 3 46	15 70 7	...	0 02 63	1 04 21
World health	33 174	662 09	2 06 08	99 02 0	178 81	11 5 06	35 71 5	...	0 04 66	1 06 33
Ishigama	33 212	593 12	2 04 20	98 01 1	165 77	20 7 60	15 51 0	...	0 02 57	1 04 23
Sandero	33 212	642 12	6 02 05	97 03 1	057 81	62 6 00	75 40 0	...	0 04 70	1 02 21
Esso Rotterdam	30 232	600 12	3 03 12	99 02 0	185 72	00 9 01	56 60 5	...	0 52 52	1 03 22
Alfred Fraissinet	33 184	373 12	3 07 12	99 02 0	172 77	12 5 06	46 62 0	...	0 51 66	1 07 22
World health	33 169	668 12	1 04 12	99 02 0	166 79	00 9 06	35 71 2	...	0 53 64	1 04 21
Alfred Fraissinet	33 173	562 18	0 07 12	99 01 1	184 75	00 9 00	56 01 3	...	0 52 70	1 07 23
Chindwara	33 191	587 18	3 07 11	98 03 0	169 75	31 3 00	15 41 0	...	0 53 72	1 07 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	016 105 088	137 152 102	...	148 115 999	...	311 053 999	435 520 999	578 595 999	747 692 999	956 813	...	...	...
Dacca ...														
Jiwani ...	00 00	015 072 018	147 110 999	...	152 095 999	...	314 085 999	440 030 999	585 570 999	756 655 999	966 842	239 015	411 535	656 230
Karachi ...														
Lahore ...														
Multan ...	00 00	975 042 528	...	...	130 092 999	...	308 025 999	430 578 999	569 652 999	735 750 999	...	...	...	...
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT TdTdTd 18	19	20	21	22	23	24	25	26	Max. Height Reached PPPTTT TdTdTd 27	TROPOPAUSE St. HHHH TT 28	St. HHHHTT 29
16	17												
Bogra ...													
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Dacca ...													
Jiwani ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Karachi ...													
Lahore ...													
Multan ...	00 00	900 098 999	800 072 999	350 822 999	342 838 999	...	...	...	...	...	342 838 999	...	...
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)
St.-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °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 ...	25 02	30 01	15 01	26 09	27 22	...	...	...	...	20 05	22 07	27 11	30 22	...	...	16 04	22 05	20 07	28 16	29 20	27 24	...	...	...	...	...
Chaklala ...	...	30 14	35 05	02 03	04 07	03 10	03 10	36 14	34 23	...	...	...	...	...	...	...	24 04	23 04	33 01	03 07	06 03	36 08	32 10	32 20	...	...
Chhor ...	01 08	03 09	03 11	05 13	05 19	07 27	09 37	...	...	05 12	05 11	05 10	07 07	05 03	29 17	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	30 04	18 03	19 05	24 08	25 18	27 26	...	...	...	07 03	10 01	25 02	28 04	26 11	26 13	03 06	07 03	28 04	26 08	26 21	26 38	27 52	27 62	27 67	...	...
Cox's Bazar ...	29 02	15 06	23 02	25 09	27 20	27 24	...	...	...	35 07	19 04	25 12	26 13	26 22	26 29	14 06	19 04	24 04	24 13	20 21	27 33	...	...	...	...	...
Dacca ...	29 06	29 06	30 04	29 10	26 20	26 35	24 46	26 53	26 53	17 02	17 03	19 03	30 17	27 25	25 35	18 02	24 02	24 02	32 12	21 20	25 41	26 72	27 78	27 73	...	...
Dalbandin ...	...	...	09 07	05 14	05 15	36 07	29 23	28 24	27 30	...	...	06 05	04 07	26 02	30 07	...	...	08 06	06 09	29 03	30 10	26 19	52 21	26 28	25 39	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosk ...	...	...	...	...	02 09	01 13	36 25	...	...	...	...	...	13 03	08 07	15 06	...	...	...	...	...	03 09	36 21	...	...	...	...
Fort Sandeman ...	...	...	...	02 01	30 07	36 10	02 16	...	...	...	...	...	22 03	01 03	23 04	...	...	...	05 01	20 15	21 06	28 04	27 16	27 17	...	...
Jacobabad ...	30 06	31 04	04 04	03 12	03 11	31 15	28 51	...	...	29 05	30 04	32 04	04 07	03 12	03 04	25 02	25 03	04 02	05 03	32 05	27 13	25 31	26 47	...	...	...
Jessore ...	26 05	25 03	34 01	27 07	27 19	27 28	...	...	...	20 06	21 03	29 03	30 13	28 21	...	19 04	22 06	23 04	32 11	31 19	27 41	...	...	...	...	...
Jhelum ...	29 08	30 13	31 11	34 03	03 03	02 07	01 11	01 17	08 18	31 07	36 05	03 04	30 03	30 10	27 09	30 01	30 13	03 01	13 03	11 02	12 06	22 10	32 17	31 21	30 30	28 43
Jiwani ...	08 04	06 04	08 06	08 06	36 07	28 09	23 30	25 35	26 43	...	...	...	...	...	...	05 07	31 02	31 02	30 03	28 03	31 11	27 25	26 36	26 50	26 69	...
Karachi ...	04 15	05 15	06 15	03 12	33 17	29 18	27 31	26 35	27 31	05 12	05 11	05 10	04 10	33 09	01 15	05 07	02 12	01 11	04 17	09 05	29 12	26 33	25 41	25 52	26 58	...
Khanpur ...	36 05	03 06	02 10	01 13	01 16	32 23	29 45	29 58	...	20 04	30 05	02 05	07 04	05 10	04 12	29 08	29 18	29 10	31 06	33 11	36 11	31 11	31 16	30 22	28 30	27 52
Lahore ...	32 04	33 09	05 18	35 07	33 05	04 09	05 06	03 29	03 36	32 07	31 11	32 09	30 07	31 05	33 06	32 06	31 10	31 11	29 03	32 07	29 07	32 13	31 29	30 25	29 37	28 54
Multan ...	01 04	34 07	02 09	03 13	36 13	02 11	30 45	29 53	...	01 06	01 05	36 05	34 06	32 09	31 14	22 04	19 05	17 06	11 04	11 03	01 04	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 03	23 05	27 12	29 21	...	...	...
Quetta ...	...	...	...	...	31 09	04 13	35 13	35 35	35 32	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 07	25 05	26 06	24 15	26 36	28 37	...	...	...	15 03	15 03	22 03	28 08	26 21	25 37	13 03	19 03	23 03	30 11	29 22	26 43	26 70	27 79	27 80	...	...
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 ...	24 34	25 41	25 36	25 36	25 65	25 51												
Karachi ...	05 12	04 14	05 12	05 09	36 08	27 13	25 29	27 26	27 43	26 64	27 64	26 90	26 83	26 96	26 87	28 74	09 86	08 06
Peshawar ...	Missda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

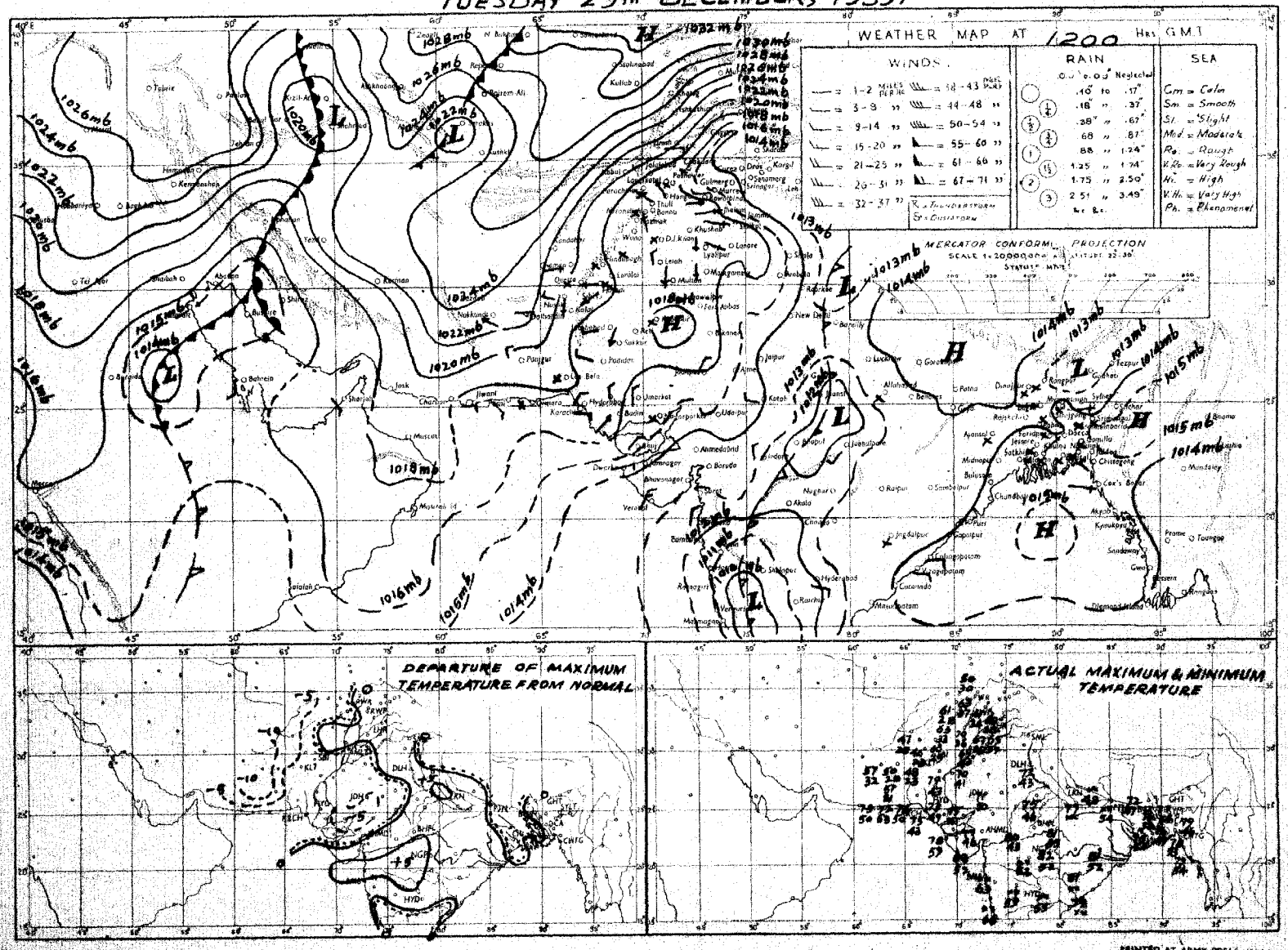
Cloud observation Data (GGiii Cdd V,V, etc.)

05 712 32 622, 02 540

The accuracy of individual entries in this report can not be guranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

TUESDAY 29th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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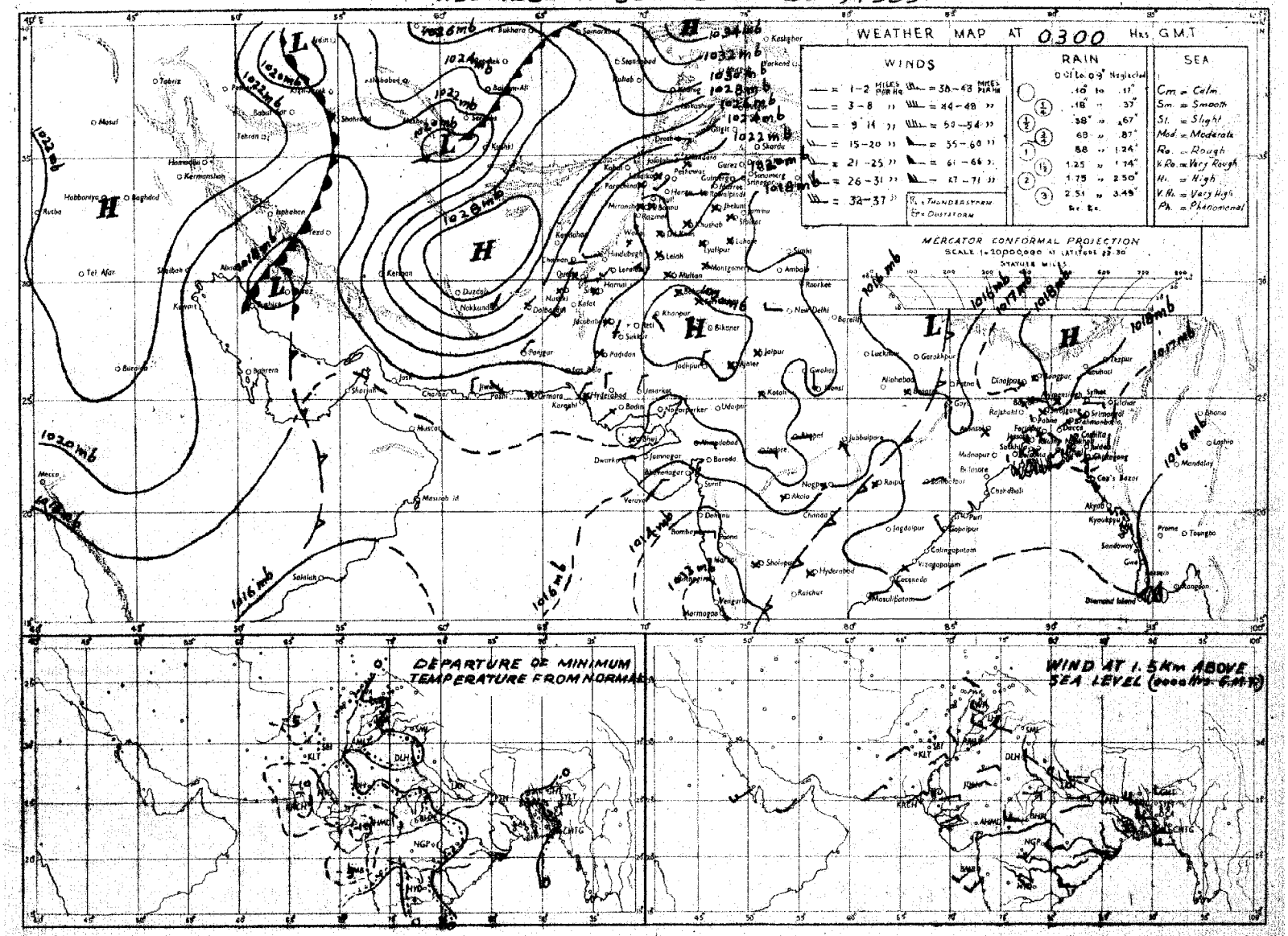
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 30th DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 31st DECEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over northeast Iran has weakened into a trough of low over there.

Weather remained dry over the country.

Night temperatures were 3—7°F below normal in Peshawar, Quetta, Kalat and Hyderabad divisions and the Federal Capital Area and 2—5°F above normal in Dacca and Rajshahi divisions.

Forecast valid until the evening of 1st January, 1960. Weather will remain dry over the country.

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WEATHER BUREAU

Karachi-11
The 31st December, 1959.

K. U. SIDDIQI
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous Day (columns 3–19)

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	2	29	02	xx	01	0	142	69	0	0	9	0	6	61	79
	Chittagong	000	0	0	31	05	96	00	1	147	69	0	0	9	0	0	60	78
	Maijdee Court	000	9	0	00	00	xx	10	0	146	67	9	x	9	x	x	67	76
	Comilla	000	0	0	00	00	94	00	0	147	68	0	0	9	0	0	54	78
	Brahmanbaria	000	0	0	00	00	xx	00	1	150	68	0	0	9	0	0	57	78
	Sylhet	000	0	1	27	02	xx	02	0	151	64	1	1	6	3	0	54	75
	Srimangal	000	0	1	00	00	xx	01	0	150	62	0	0	9	0	1	57	78
Dacca	Mymensingh	000	0	3	00	00	96	01	1	150	69	0	0	9	0	4	57	77
	Narayanganj	000	9	0	00	00	xx	05	0	144	70	0	0	9	0	0	54	79
	Dacca (Tezgaon)	000	0	3	00	00	96	03	0	143	70	0	0	9	0	1	55	79
	Faridpur	000	8	0	00	00	94	10	0	148	67	0	0	9	0	0	57	76
	Barisal	000	0	0	00	00	96	02	1	146	72	0	0	9	0	0	60	77
Rajshahi	Khulna	000	0	0	00	00	xx	00	0	144	70	0	0	9	0	0	58	80
	Satkhira	000	0	0	00	00	98	00	0	147	68	0	0	9	0	0	59	80
	Jessore	000	0	2	13	03	97	01	0	138	69	0	0	9	0	5	57	80
	Sirajganj	000	0	0	00	00	94	00	0	140	66	0	0	9	0	0	51	78
	Bogra	000	0	1	00	00	xx	01	0	144	70	0	0	9	0	0	58	80
	Dinajpur	000	0	0	00	00	xx	00	0	137	70	0	0	9	0	0	56	75
	Rangpur	000	0	3	00	00	96	03	0	xxx	65	1	5	4	3	0	56	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	03	0	158	63	1	0	9	3	5	37	68
	Sialkot	000	0	2	00	00	98	02	0	145	61	0	0	9	0	3	47	64
Rawalpindi	Jhelum	000	0	6	00	00	97	03	1	150	60	0	0	9	0	1	42	66
	Rawalpindi	000	0	4	20	02	99	01	1	154	55	0	0	9	0	4	38	62
	Khushab	000	0	0	00	00	99	00	0	159	64	0	0	9	0	0	38	74
Multan	Lyallpur	000	0	6	20	05	95	02	0	164	65	6	0	9	8	5	45	70
	Montgomery	000	0	0	23	02	96	00	0	157	67	0	0	9	0	0	40	70
	Multan	000	0	6	00	00	96	03	4	160	68	3	0	9	5	2	39	74
Bahawalpur	Leiah	000	0	6	23	02	97	02	2	153	70	0	0	9	0	2	39	70
	Khanpur	000	0	0	00	00	96	01	0	148	76	0	0	9	0	0	48	75
	Bahawalpur	000	0	0	00	00	98	00	0	161	69	0	0	9	0	0	46	73
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	0	00	00	97	00	0	166	57	0	0	9	0	0	55	61
	Peshawar	000	0	7	18	02	98	02	1	163	59	0	0	9	0	0	37	67
	Haripur	000	0	0	05	02	97	00	0	142	64	0	0	9	0	0	43	67
	Campbellpur	000	0	0	00	00	98	00	0	179	59	0	0	9	0	0	40	60
D. I. Khan	Bannu	000	0	8	00	00	99	02	0	148	61	0	0	9	0	8	46	66
	D. I. Khan	000	0	4	00	00	98	03	0	152	64	0	0	9	0	4	53	72
Quetta	Sibi	000	9	5	18	02	98	03	1	156	70	5	0	9	3	0	21	75
Kalat	Nokkundi	000	0	0	00	00	99	00	0	188	59	0	0	9	0	0	33	61
	Turbat	000	0	0	27	02	98	00	0	154	71	0	0	9	0	0	46	79
	Jiwani	000	0	0	00	00	97	02	0	160	73	0	0	9	0	0	66	75
	Pasni	000	0	1	23	10	98	02	0	153	74	0	0	9	0	1	56	76
	Ormara	000	0	0	27	09	98	00	0	147	73	0	0	9	0	0	58	74
	Las Bela	000	0	0	00	00	98	00	0	148	80	0	0	9	0	0	61	82
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	10	98	01	1	146	76	0	0	9	0	1	67	77
	Karachi (Air Port)	000	0	3	23	02	96	01	1	144	71	0	0	9	0	6	53	75
	Badin	000	0	0	00	00	97	00	0	143	72	0	0	9	0	0	39	74
	Nagarparker	000	0	0	00	00	98	00	0	134	80	0	0	9	0	0	46	81
	Umarkot	000	0	3	34	05	98	02	0	132	73	0	0	9	0	1	39	74
	Hyderabad	000	0	2	36	03	97	02	0	148	71	0	0	9	0	1	45	75
Khairpur	Pad-i-dan	000	0	0	31	03	97	02	0	151	69	0	0	9	0	0	40	74
	Nawabshah	000	0	0	00	00	97	01	0	150	73	0	0	9	0	0	37	72
	Sukkur	000	0	0	09	02	96	00	0	150	70	0	0	9	0	0	37	76
	Kashmore	000	0	0	xx	xx	96	00	0	145	72	0	0	9	0	0	45	75
	Jacobabad	000	0	0	23	02	97	01	0	151	72	0	0	9	0	0	36	74
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	31	02	98	02	1	502	43	0	0	8	0	8	17	49
Peshawar	Drosh *	000	0	0	09	14	97	02	0	535	42	0	0	9	0	0	21	45
	Cherat *	000	0	4	36	07	97	03	0	517	49	0	0	9	0	8	09	53
	Kakul *	000	0	4	00	00	96	01	1	497	52	0	0	9	0	8	27	60
	Landi Kotal *	000	0	6	00	00	98	02	1	500	48	0	0	9	0	4	26	54
D. I. Khan	Parachinar *	000	0	6	13	02	98	01	1	519	52	2	1	9	2	0	45	58
	Miranshah *	000	0	0	00	00	99	00	0	497	56	0	0	9	0	0	27	63
	Wana *	000	0	6	18	02	99	10	2	498	52	6	3	9	x	x	14	58
Quetta	Fort Sandeman *	000	0	7	05	01	98	02	1	532	57	7	0	9	2	0	13	58
	Hindubagh *	000	6	4	25	09	96	03	1	462	53	0	0	9	3	3	21	55
	Loralai *	000	0	8	13	03	97	02	1	373	54	4	3	7	2	0	29	59
	Harnai *	000	0	5	09	01	98	24	3	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	9	5	00	00	98	02	2	488	50	0	0	8	2	0	27	50
	Chaman *	000	6	8	23	02	95	03	2	542	47	8	7	7	0	0	30	50
Kalat	Kalat *	000	0	2	31	05	97	02	1	505	44	2	0	7	3	0	16	56
	Nushki *	000	0	4	31	02	98	02	1	572	49	4	0	9	0	2	23	50
	Dalbandin *	000	8	4	09	03	96	01	1	520	53	2	0	9	3	1	18	54
	Panjgur *	000	0	0	36	05	98	00	0	509	57	0	0	9	0	0	21	58
Afghanistan	Kabul *	000	0	0	32	02	99	00	0	561	37	0	0	9	0	0	31	34
	Kandhar *																	

At 0300 Hrs. G.M.T. of date (columns 20–36)

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	1	34	02	97	03	0	168	66	0	0	9	0	2	59	56
Chittagong	000	0	0	02	09	96	00	0	181	64	0	0	9	0	0	54	53
Maijdee Court	000	9	0	36	02	98	00	0	181	67	0	0	9	0	0	57	54
Comilla	000	0	0	00	00	97	00	0	173	65	0	0	9	0	0	58	54
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	000	0	0	09	05	96	02	0	191	64	0	0	9	0	0	55	54
Srimangal	000	0	0	00	00	96	00	0	192	59	0	0	9	0	0	56	45
Mymensingh	000	0	0	00	00	96	00	0	183	64	0	0	9	0	0	55	54
Narayanganj	000	0	0	05	02	94	05	4	192	69	0	0	9	0	0	56	59
Dacca (Tezgaon)	000	0	0	05	03	97	00	0	193	62	0	0	9	0	0	57	53
Faridpur	000	9	0	02	02	94	42	2	186	65	0	0	9	0	0	56	54
Barisal	000	4	0	00	00	96	02	0	185	67	0	0	9	0	0	57	56
Khulna	000	0	0	00	00	96	00	0	190	66	0	0	9	0	0	56	57
Satkhira	000	0	0	00	00	98	00	0	195	64	0	0	9	0	0	59	54
Jessore	000	0	0	02	03	97	00	0	193	62	0	0	9	0	0	57	53
Sirajganj	000	0	0	00	00	98	00	0	188	66	0	0	9	0	0	58	54
Bogra	000	0	2	05	02	96	03	4	199	61	0	0	9	0	1	57	54
Dinajpur	000	1	2	05	02	96	03	4	188	62	0	0	9	0	1	53	52
Rangpur	000	0	0	00	00	96	00	0	xxx	62	0	0	9	0	0	55	49
Jammu																	
Lahore (Jail Rd.)	000	0	7	00	00	95	10	0	189	42	1	0	9	1	6	39	41
Sialkot	000	0	1	31	02	97	01	0	193	50	0	0	9	0	3	43	43
Jhelum	000	0	6	00	00	95	10	0	195	38	0	0	9	0	1	35	37
Rawalpindi	000	0	6	00	00	99	02	2	210	38	2	0	9	5	8	34	34
Khushab	000	0	4	00	00	99	03	1	191	39	0	0	9	0	4	37	36
Lyallpur	000	0	6	00	00	95	02	0	183	44	6	0	9	0	5	39	39
Montgomery	000	0	0	00	00	96	00	0	191	45	0	0	9	0	0	40	40
Multan	000	0	6	00	00	94	46	1	187	47	0	0	9	0	6	40	43
Leiah	000	0	5	27	01	97	01	2	192	51	0	0	9	0	2	46	39
Khanpur	000	0	4	10	02	95	03	0	181	41	4	0	9	4	0	33	40
Bahawalpur	000	0	6	09	02	97	03	0	194	46	0	0	8	1	0	38	41
Fort Abbas	000	0	2	13	02	98	0.	0	199	44	0	0	9	4	0	37	xx
Chakdara	000	0	0	00	00	97	00	0	212	32	0	0	9	0	0	29	31
Peshawar	000	0	1	18	02	97	02	0	204	38	0	0	9	0	1	26	37
Haripur	000	0	3	05	06	97	00	0	195	41	3	0	9	0	6	22	36
Campbellpur	000	0	6	00	00	98	01	2	236	33	6	0	9	3	x	33	33
Bannu	000	2	4	29	01	99	03	0	183	41	0	0	9	0	3	32	37
D. I. Khan	000	0	4	00	00	98	01	1	191	40	0	0	9	0	4	38	38
Sibi	000	2	3	00	00	98	03	1	183	43	0	0	9	3	0	33	40
Nokkundi	000	0	0	31	02	98	00	0	241	38	0	0	9	0	0	24	32
Turbat	000	0	0	05	02	96	00	0	182	52	0	0	9	0	0	xx	xx
Jiwani	000	0	1	02	02	97	03	0	181	56	0	0	9	0	1	24	53
Pasni	000	0	1	29	05	98	02	0	169	52	1	0	9	2	0	36	51
Ormara	000	0	0	13	02	98	00	0	166	54	0	0	9	0	0	51	51
Las Bela	000	0	0	xx	xx	98	00	0	182	57	0	0	9	0	0	31	43
Karachi (Manora)	000	0	0	05	12	95	05	0	170	53	0	0	9	0	0	42	48
Karachi (Air Port)	000	0	1	00	60	96	03	0	171	48	0	0	9	0	1	40	47
Badin	000	0	0	23	02	96	00	0	165	44	0	0	9	0	0	39	42
Nagarparker	000	0	0	00	00	98	00	0	145	60	0	0	9	0	0	46	51
Umarkot	000	0	0	02	02	96	00	0	159	42	0	0	9	0	0	32	41
Hyderabad	000	0	0	36	02	95	10	0	173	49	0	0	9	0	0	39	47
Pad-i-dan	000	0	0	00	00	96	02	0	181	41	0	0	9	0	0	33	38
Nawabshah	000	0	0	00	00	96	02	0	186	40	0	0	9	0	0	32	38
Sukkur	000	0	0	02	00	92	05	4	174	48	0	0	9	0	0	41	42
Kashmore	000	0	4	xx	xx	99	00	0	187	45	4	2	6	0	0	25	39
Jacobabad	000	0	0	13	02	97	02	0	177	45	0	0	9	0	0	32	43
Murree *	000	9	5	07	07	97	02	1	515	39	0	0	9	8	0	22	35
Drosh *	000	0	0	00	00	97	02	0	558	29	0	0	9	0	0	28	28
Cherat *	000	0	0	36	08	98	00	0	516	48	0	0	9	0	0	11	41
Kakul *	000	0	3	31	03	97	01	1	510	42	0	0	9	1	8	18	40
Landi Kotal *	000	0	0	00	00	99	00	0	496	33	0	0	9	0	0	19	32
Parachinar *	000	0	0	07	03	99	00	0	542	33	0	0	9	0	0	22	30
Miranshah *	000	0	0	00	00	99	00	0	471	32	0	0	9	0	0	20	31
Wana *	000	0	0	00	00	99	00	0	493	31	0	0	9	0	0	30	27
Fort Sandeman *	000	0	0	00	00	98	00	0	535	36	0	0	9	0	0	12	29
Hindubagh *	000	2	1	27	03	98	01	0	493	25	0	0	9	0	0	16	24
Loralai *	000	0	4	31	02	98	01	1	369	31	0	0	8	1	1	31	29
Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	538	36	0	0	9	0	0	29	23
Chaman *	000	0	0	09	01	96	00	0	521	31	0	0	9	0	0	24	31
Kalat *	000	0	0	18	05	98	00	0	545	25	0	0	9	0	0	22	20
Nushki *	000	0	0	00	00	98	02	0	568	35	0	0	9	0	0	18	30
Dalbandin *	000	9	0	00	00	96	02	1	505	29	0	0	9	0	0	23	28
Panjgur *	000	0	0	05	03	98	00	0	512	42	0	0	9	0	0	07	37
Kabul *	000	0	0	18	02	99	00	0	508	24	0	0	9	0	0	xx	xx

Departure from Normal of / Rainfall (columns 37–42)

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual Normal (42)
Cox's Bazar	+ 1	0	1.7	— 2.6	142.8	140
Chittagong	+ 1	— 2	1.4	— 1.4	149.1	108
Maijdee Court	— 2	— 3	0.1	— 1.7	144.7	115
Comilla	+ 1	+ 1	0	— 1.6	107.8	94
Brahmanbaria	—	—		—		76
Sylhet	—	—	0	—	193.9	—
Srimangal	— 1	— 2	0	— 1.7	109.4	98
Mymensingh	—	—	0	— 1.0	113.3	91
Narayanganj	+ 3	+ 4	0	— 1.1	103.9	74
Dacca (Tezgaon)	—	—	0	—	103.6	—
Faridpur	+ 2	+ 2	0	— 1.3	116.6	71
Barisal	+ 6	+ 2	0	— 1.8	140.5	81
Khulna	+ 5	+ 4	0	— 1.3	102.8	68
Satkhira	+ 2	+ 3	0	— 1.9	82.1	65
Jessore	—	—	0	— 1.1	108.8	65
Sirajganj	—	—	0	— 0.8	107.7	64
Bogra	+ 5	+ 1	0	— 0.9	104.4	69
Dinajpur	0	+ 3	0	— 0.5	66.7	72
Rangpur	0	0	0	— 0.5	72.4	84
Jammu						—
Lahore (Jail Rd.)	— 2	+ 2	1.1	+ 0.6	27.1	19
Sialkot	— 3	+ 2	3.1	+ 2.2	61.8	32
Jhelum	— 0	—	5.1	—	55.3	—
Rawalpindi	— 3	— 3	4.4	+ 2.9	56.7	36
Khushab	+ 6	— 4	1.1	+ 0.6	23.5	15
Lyallpur	+ 3	— 1	0.4	0	18.6	12
Montgomery	+ 1	— 1	0.1	— 0.2	8.5	10
Multan	+ 5	+ 2	0.1	— 0.1	8.3	7
Leiah	—	—	2.5	—	7.0	8
Khanpur	+ 2	— 1	0	— 0.2	1.4	6
Bahawalpur	+ 2	0	0.1	— 0.1	6.6	6
Fort Abbas	—	—	1.0	—	10.2	4
Chakdara	—	—	5.1	—	33.5	—
Peshawar	+ 3	— 3	5.9	+ 4.9	29.2	14
Haripur	—	—	4.5	—	35.7	—
Campbellpur	—	—	5.3	—	41.2	—
Bannu	—	—	3.2	—	16.1	11
D. I. Khan	+ 3	— 4	1.8	+ 1.4	16.7	10
Sibi	—	—	4.1	—	9.4	5
Nokkundi	—	—	0.7	—	1.8	2
Turbat	—	—	1.8	—	9.1	—
Jiwani	—	—	1.7	—	8.4	4
Pasni	0	— 3	0.4	— 0.6	13.5	6
Ormara	—	—	5.9	+ 5.2	9.9	6
Las Bela	—	—	0.4	—	7.3	8
Karachi (Manora)	+ 1	— 10	1.6	+ 1.3	18.1	8
Karachi (Air Port)	—	—	3.3	—	26.2	—
Badin	— 3	— 7	0.3	0.0	11.5	9
Nagarparker	—	—	0	—	30.5	—
Umarkot	—	—	0.5	—	20.8	—
Hyderabad	— 2	— 4	0.5	+ 0.4	19.6	7
Pad-i-dan	—	—	0.3	—	7.9	—
Nawabshah	—	—	0.3	—	7.5	—
Sukkur	—	—	0.8	—	5.3	4
Kashmore	—	—	1.3	—	3.4	—
Jacobabad	+ 2	— 1	0.3	+ 0.1	4.7	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	+ 3	+ 2	6.8	+ 4.3	85.2	59
Drosh *	— 3	— 3	11.0	—	41.6	18
Cherat *	+ 2	+ 1	1.4	— 0.6	38.8	29
Kakul *	—	—	5.9	—	61.0	—
Landi Kotal *	—	—	5.7	—	34.5	—
Parachinar *	+ 7	+ 1	8.1	—	36.2	29
Miranshah *	—	—	1.5	+ 0.7	8.5	13
Wana *	—	—	1.6	—	15.7	—
Fort Sandeman *	+ 1	0	5.4	+ 4.7	21.4	11
Hindubagh *	—	—	7.2	—	20.2	—
Loralai *	—	—	5.2	—	18.2	—
Harnai *	—	—	6.8	+ 5.8	19.6	14
Quetta *	—	—	2.9	+ 1.6	13.2	8
Chaman *	— 3	— 3	2.8	+ 1.2	9.0	7
Kalat *	+ 5	— 6	2.7	+ 1.5	14.6	9
Nushki *	—	—	1.4	—	4.3	—
Dalbandin *	+ 1	— 4	1.2	+ 0.5	3.5	5
Panjgur *	— 6	0	0.3	—	4.4	
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 rain, fall 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 000 is given for RRR see the summary there for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 31st DECEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 N, Ch, h_s	O $T_sT_sT_dT_d$	$Id_ad_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Essa Rotterdam	43 190	581 00	0 36 17	98 02 0	162 73	00 9 00	56 61 8	...	0 50 66	1 06 23
Chindwara	43 199	599 00	0 03 09	98 02 0	161 72	00 9 00	15 56 6	...	0 51665	1 05 23
Samoero	43 227	617 00	0 31 06	98 00 0	083 70	00 9 80	75 40 0	...	0 54 64	1 31 23
Imerdia	43 234	497 06	6 31 09	98 02 1	210 66	66 6 00	36 20 5	...	0 53 89	1 34 20
Samoero	43 237	604 06	7 02 10	97 02 1	094 77	76 4 92	75 00 0	...	0 02872	1 02 xx
Chindwara	43 211	606 06	1 04 05	98 02 0	183 75	10 6 08	15 10 6	...	0 51 74	1 04 21
Iphigenia	43 253	575 09	3 32 03	98 03 0	189 70	11 3 70	75 70 3	...	0 00x54	1323 xx
Samoero	43 241	594 12	0 00 00	98 00 0	091 75	00 9 00	75 40 0	...	0 02866	1400 xx
Chindwara	43 206	624 12	5 04 05	98 03 1	152 74	31 5 05	15 50 6	...	0 53 59	1 04 xx
Santhia	43 249	630 12	1 01 05	99 02 0	158 70	00 9 01	55 50 5	...	0 56 54	1401 23
Chindwara	43 230	642 18	1 04 05	98 01 0	173 72	00 9 00	15 10 5	...	0 56 62	1 04 23
Santhia	43 245	616 18	0 03 05	99 02 0	179 75	00 9 00	55 10 6	...	0 54 xx	1 02 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	096 122 102	135 200 999	...	150 115 999	...	309 025 999	434 505 999	577 602 999	746 685 999	953 862	...	...	...
Jiwani ...														
Karachi ...	00 00	013 098 048	126 105 125	...	151 122 042	...	313 062 582	437 545 622	578 578 999	749 672 999	957 842	229 052	410 115	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 042 032	...	...	148 020 999	...	304 xxx xxx	423 632 999	560 735 999	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Jiwani ...													
Karachi ...	00 00	976 205 402	900 152 115	800 106 545	732 085 565	725 085 565	557 548 642	553 585 702	...	...	553 583 702	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 030 999	800 912 999	440 792 999	...	...	...	...	...	...	440 792 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.

TTT: $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St.—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °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 05	19 06	19 06	30 07	...	...	...	...	...	08 06	08 04	02 03	...	...	...	03 09	03 11	36 07	36 09	32 12	31 16	...	...	...	...	...
Chaldala ...	...	36 05	18 03	01 05	06 03	04 05	32 07	25 51	26 52	...	...	...	...	...	...	...	03 01	11 04	09 18	09 05	41 09	14 05	xx xx	30 05	26 13	...
Chhor ...	02 05	03 06	03 07	02 06	01 03	28 15	27 35	...	...	06 12	05 04	35 03	32 07	29 12	27 22	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	03 04	05 08	04 10	02 12	33 05	26 39	27 53	28 44	...	03 18	03 22	02 23	01 11	32 11	26 29	02 12	01 19	01 21	36 19	34 10	22 26	27 32	27 40	27 41	...	...
Cox's Bazar ...	05 01	09 02	35 03	29 08	07 20	28 36	...	...	...	02 12	02 17	02 19	34 10	23 18	27 31	02 14	02 24	02 20	32 05	27 20	27 28	27 29	28 34	...	...	...
Dacca ...	19 05	16 03	15 03	34 06	31 19	27 33	27 65	27 21	27 21	03 13	02 09	01 10	36 09	35 09	30 26	01 12	36 14	36 16	36 15	34 15	32 25	27 40	28 42	28 54	28 61	27 48
Dalbandin ...	...	...	10 04	02 05	36 09	32 12	30 28			...	...	08 09	05 08	01 11	32 20	...	...	07 07	05 08	34 15	34 22	53 22	32 19	33 17	32 24	35 22
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	08 06	04 11	01 27	36 27	...	...	...	...	14 02	11 02	13 07	...	...	...	...	05 04	03 10	36 25	26 03	19 09	01 04	03 11
Fort Sandeman ...	...	...	...	04 05	23 05	28 19	...	...	...	...	...	...	16 02	23 02	03 02	...	...	...	17 01	11 03	18 03	31 09	35 10	35 11	34 11	31 15
Jacobabad ...	26 02	35 02	02 02	01 03	35 01	29 15	27 15	26 39	26 51	09 02	22 04	23 08	24 06	12 03	35 11	13 02	19 02	19 02	08 03	04 02	29 08	29 14	29 17	29 21	26 64	...
Jacobabad ...	16 09	19 08	20 07	32 06	32 13	27 39	...	...	...	04 10	05 08	06 10	05 08	02 07	28 32	03 10	04 12	03 10	04 07	35 09	31 28	27 31	27 37	27 40	...	...
Jhelum ...	29 04	32 05	32 04	08 04	13 02	09 04	32 07	31 09	32 13	33 05	22 07	15 07	07 02	29 03	31 03	11 01	14 02	14 08	12 09	10 07	08 10	19 05	27 08	27 08	26 06	27 14
Jiwani ...	31 01	34 03	26 05	32 07	33 11	28 12	27 34	23 44	26 63	32 14	32 07	07 04	33 07	01 06	33 11	03 15	36 16	36 15	01 22	01 15	36 10	31 29	31 29	30 36	...	...
Karachi ...	25 04	34 03	34 05	34 07	31 08	27 15	27 34	26 49	27 51	02 05	31 15	19 05	02 07	32 07	27 09	09 04	32 05	34 07	01 11	34 09	31 12	28 15	28 33	27 44	26 74	...
Khanewal ...	10 06	13 02	04 01	06 01	08 03	14 07	26 14	26 22	...	38 08	16 02	21 01	06 01	23 04	28 11	13 10	13 09	10 05	10 03	05 04	07 03	...	...	...	...	...
Lahore ...	30 07	30 09	30 09	31 06	30 06	32 08	22 09	29 15	29 15	30 02	34 02	35 03	31 05	14 01	07 02	19 02	19 03	26 02	20 03	16 09	18 04	24 04	31 02	...	...	...
Multan ...	15 03	13 03	07 03	06 03	31 03	35 02	25 09	28 18	27 23	04 04	04 06	06 06	36 04	35 05	32 07	18 05	14 04	13 03	10 03	08 04	15 02	27 09	29 13	29 13	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	20 05	31 07	32 08	30 03	34 05	36 07	31 07	32 10	...	10 03	08 03	33 05	01 11	10 02	...	17 03	19 03	31 09	26 12	15 02	07 04	35 06	...	...	...
Quetta ...	...	...	...	...	26 02	23 03	31 13	...	...	No	Ascent	...	...	...	...	...	...	...	...	26 01	17 03	33 05	02 13	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	19 05	20 05	22 04	27 04	02 07	...	...	...	...	05 22	05 24	05 21	05 12	03 08	06 04	07 02	05 07	07 09	08 11	09 13	08 11	27 44	28 51	28 57	...	...
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 ...	04 15	32 17	32 21	36 17	36 12	30 17	25 33	26 35	26 39	25 64	25 54	...	...	...	...	...	...	...
Karachi ...	09 09	31 12	32 10	32 07	02 07	29 17	28 22	27 50	26 60	27 83	27 95	75 05	25 87	36 53	37 69	27 57	...	...
Peshawar ...	Miss	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...																		

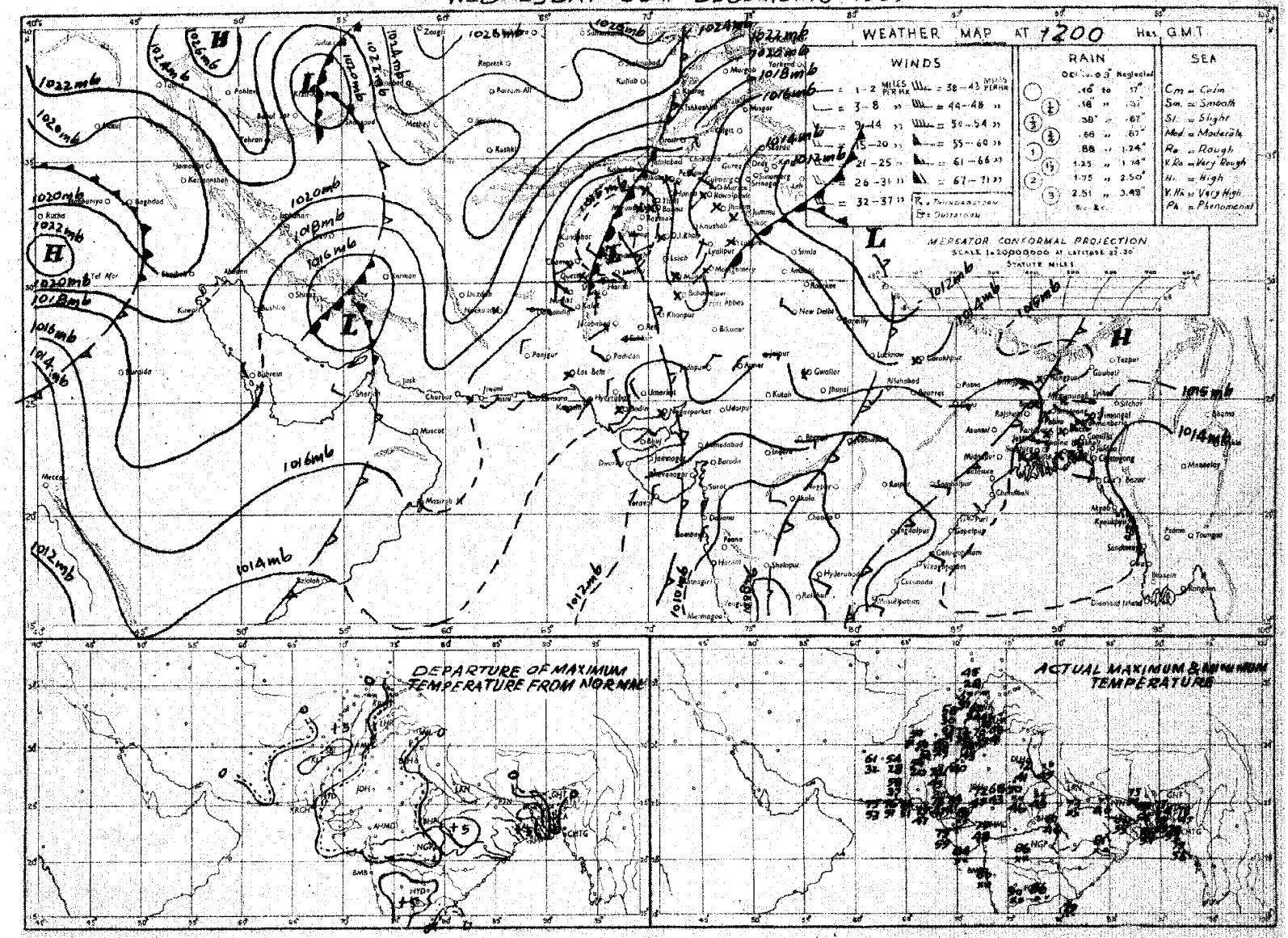
The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

...und observation Data (GGiii Cdd V.V. etc.)

...dividual reports in this report can not be guaranteed. Corrections can be obtained, if necessary, on application ...

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 30th DECEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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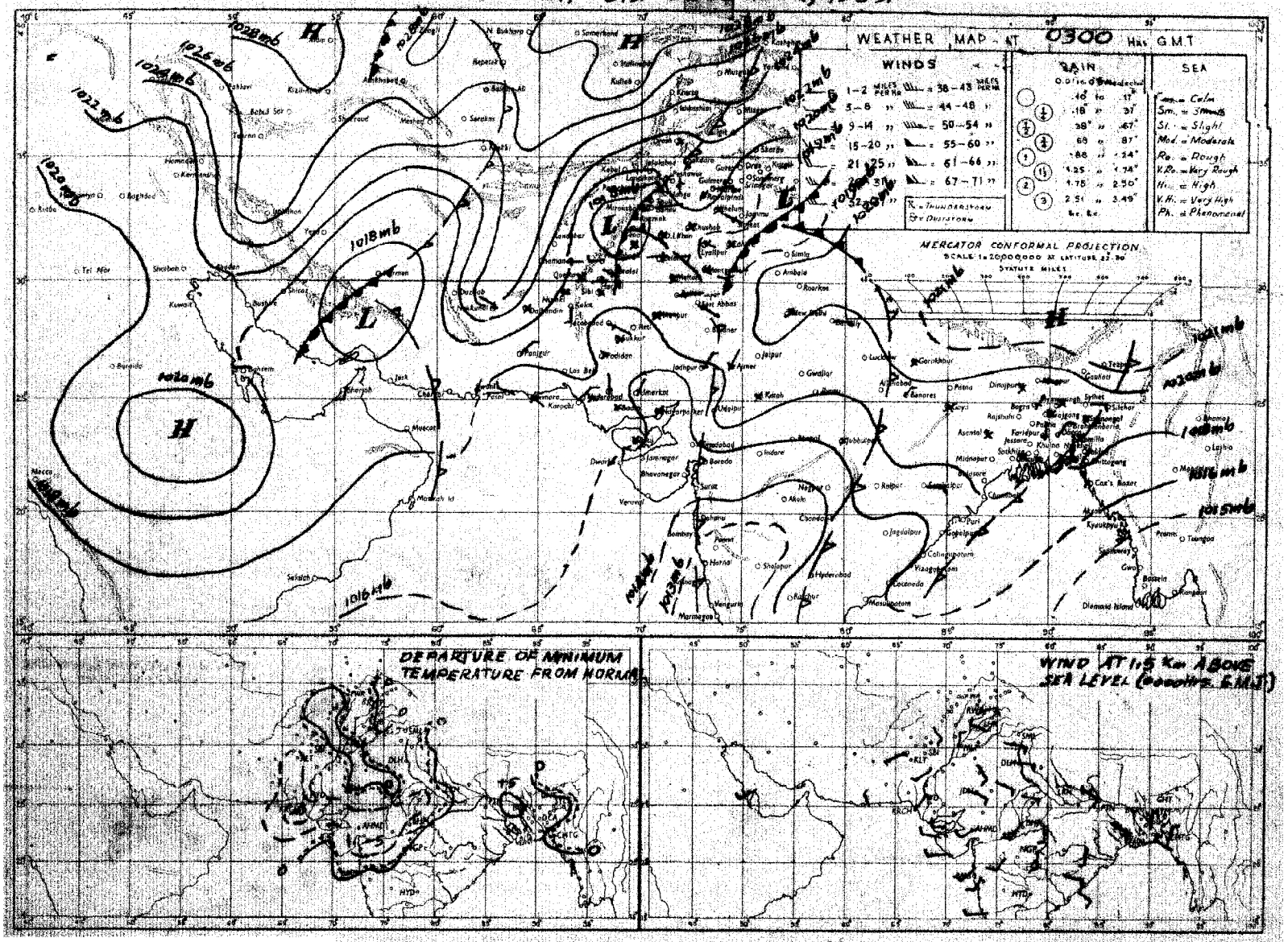
PAKISTAN DAILY WEATHER MAP

THURSDAY 31st DECEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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