Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st OCTOBER 1969.

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

Yesterday's trough of low pressure over West Bengal has become unimportant. Rain/thundershowers have been scattered in Dacca and Rajshahi division. The western disturbance over East Russain Turkistan moved away. The seasonal trough of low pressure extends from Kalat division to Peshawar division and is well marked. Scattered rain/thundershowers have occurred in Peshawar division. Dry weather prevailed elsewhere over West Pakistan.

Chief amounts of rainfall are: Mymensingh ¼" (upto 1200 G.M.T.).

Day temperatures were 3 - 6 °F (2—3 °C) above normal in the country outside Rajshahi, Sargodha, Karachi, Hyderabad and Khairpur divisions and to the same extent below normal in Karachi and Hyderabad divisions.

Forecast valid until the evening of 2nd October 1969 :— A few thunderstorm/showers are likely to occur in East Pakistan and in Peshawar division. Weather will be dry elsewhere in West Pakistan.

Karachi-11
The 1st October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Ws (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Heighs of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	31	02	96	01	0	051	86	1	1	7	0	1	77	92
	Cox's Bazar	000	0	2	30	86	96	02	0	050	84	2	2	5	0	1	75	87
	Chittagong	000	0	4	27	03	96	02	2	049	84	1	4	4	0	1	75	90
	Maijdee Court	...	...	...	...		...	...	...	...	...	..	..	...	...	...	...	...
	Comilla	000	0	0	00	00	96	02	0	046	88	0	0	9	0	0	79	92
	Brahmanbaria	000	0	2	00	00	96	01	1	043	88	2	5	5	0	0	79	10
	Sylhet	000	0	4	00	00	96	02	2	04[illegible]	82	3	5	4	2	0	75	68
	Srimangal	000	0	0	00	00	95	00	0	048	82	0	0	9	0	0	79	90
Dacca	Mymensingh	028	3	2	00	00	96	01	1	049	82	2	8	8	2	0	79	88
	Narayanganj	000	0	2	27	02	96	02	/	044	86	1	6	6	3	1	77	88
	Dacca (Tezgaon)	000	0	2	00	00	97	01	0	041	84	2	9	5	3	0	75	91
	Faridpur	000	0	2	16	02	97	01	1	058	86	2	4	6	0	0	77	90
Khulna	Barisal	000	0	2	00	03	95	02	2	046	86	2	4	5	0	0	79	90
	Khulna	000	0	2	00	00	97	03	0	045	88	2	2	4	0	0	72	94
	Satkhira	000	0	5	00	00	97	03	1	042	86	5	4	6	1	1	80	//
	Jessore	000	0	6	13	02	97	02	2	043	84	6	3	4	3	0	75	91
Rajshahi	Pabna	000	0	0	00	00	97	02	1	038	86	0	0	9	0	0	79	90
	Sirajganj	014	6	4	00	00	97	02	2	046	84	4	4	6	0	0	77	86
	Rajshahi	000	0	3	0[illegible]	00	96	01	1	043	84	2	5	5	0	0	79	90
	Bogra	000	0	2	23	02	96	01	1	039	84	2	4	5	0	1	77	88
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	2	00	00	96	01	0	040	82	1	2	6	1	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	95	06	0	024	94	0	0	9	0	0	56	96
	Sialkot	000	0	0	00	00	99	00	0	010	92	0	0	9	0	0	42	99
Rawalpindi	Jhelum	000	0	0	13	02	96	02	0	105	94	0	0	9	0	0	65	96
	Islamabad																	
	Rawalpindi	000	0	0	23	02	99	00	0	023	90	0	0	9	0	0	67	96
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	95	06	0	021	95	0	0	9	0	0	77	76
	Sargodha	000	0	0	09	03	97	02	0	020	92	0	0	9	0	0	70	96
	Lyallpur	000	0	0	00	00	96	00	0	013	94	0	0	9	0	0	80	96
Multan	Sahiwal																	
	Multan	000	0	0	13	03	97	02	0	014	01	0	0	9	0	1	52	03
	Leiah	000	0	0	36	02	94	02	0	035	59	0	0	9	0	0	67	01
Bahawalpur	Khanpur	000	0	0	23	03	97	02	0	021	98	0	0	9	0	0	60	99
	Bahawalpur	000	0	0	00	00	96	02	0	047	99	0	0	9	0	0	67	03
	Fort Abbas	//	/	0	23	04	98	00	0	051	//	0	0	9	0	0	34	//
Peshawar	Chakdra	000	0	0	36	02	98	02	0	096	89	0	0	9	0	0	65	90
	Peshawar	000	0	0	36	03	96	05	0	010	90	0	0	9	0	0	67	94
	Haripur	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
D. I.-Khan	Bannu	000	0	0	11	02	99	0[illegible]	0	009	94	0	0	9	0	0	68	01
	D. I. Khan	000	0	0	00	00	98	00	0	011	85	0	0	9	0	0	75	01
Quetta	Sibi	000	0	0	18	03	97	02	0	012	03	0	0	9	0	0	56	04
	Nokkundi	000	0	0	31	05	97	02	0	022	00	0	0	9	0	0	35	03
Kalat	Turbat	000	0	0	27	02	96	00	0	953	93	0	0	9	0	0	77	93
	Jiwani	000	0	5	23	07	96	03	0	093	82	5	6	5	0	0	72	85
	Pasni	000	0	0	25	20	97	02	0	072	84	0	0	0	0	0	71	88
Karachi division	Ormara																	
	Lasbela	///	/	3	18	03	97	00	0	044	95	0	0	9	0	0	72	98
	Karachi (Manora)	000	0	2	27	09	97	03	0	076	81	2	6	4	0	0	71	83
	Karachi (Ariport)	000	0	1	27	17	96	01	1	075	84	1	6	5	0	0	69	87
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	119	97	0	0	0	0	0	57	99
	Chhor																	
	Hyderabad	000	0	0	23	09	96	06	0	050	91	0	0	9	0	0	63	96
	Badin	000	0	0	23	14	97	07	0	071	8[illegible]	0	0	9	0	0	71	91
Khairpur	Padidan	000	0	0	23	05	97	02	0	024	02	0	0	9	0	0	58	04
	Nawabshah	000	0	0	18	10	96	02	0	030	02	0	0	9	0	0	64	03
	Sukkur	000	0	0	13	02	96	02	0	016	01	0	0	9	0	0	65	04
	Kashmore	...			...	...	..	...		...	...				...			...
	Jacobabad	000	0	1	80	05	91	02	0	015	98	0	0	9	0	0	68	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	465	6	0	0	9	0	0	54	75
Peshawar	Drosh *	000	0	0	25	10	97	02	0	443	8	2	4	7	0	1	//	95
	Cherat *	000	0	4	23	07	98	03	0	476	82	4	2	7	6	0	37	88
	Kakul *	000	0	3	18	03	97	03	1	468	8	3	2	6	0	0	48	85
	Landikotal *	000	0	0	31	05	98	02	0	271	84	0	0	9	0	0	65	90
	Prachinar *	000	0	1	16	05	96	05	0	46	79	1	2	7	0	0	41	81
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	452	90	0	0	9	0	0	48	92
	Wana *	000	0	0	00	00	99	00	0	500	90	0	0	9	0	0	72	01
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	442	92	0	0	9	0	0	12	93
	Hindubagh *	000	0	0	27	03	96	02	0	465	76	0	0	9	0	0	45	83
	Loralai *	000	0	0	27	02	91	00	0	390	85	0	0	9	0	0	55	87
	Barkhan *	000	0	0	20	05	98	02	0	451	93	0	0	9	0	0	60	96
	Harnai *	000	0	0	00	00	96	02	0	444	95	0	0	0	0	0	41	99
	Samungli (Quetta) *	000	0	0	31	18	96	02	0	460	85	0	0	9	0	0	38	89
	Chaman *	000	0	0	27	13	95	00	0	480	89	0	0	9	0	0	42	91
	Nushki *	000	0	3	01	05	97	82	0	526	97	0	0	9	0	0	62	99
	Dalbandin *	000	0	0	05	08	97	02	0	492	00	0	0	9	0	0	22	02
Kalat	Kalat *	000	0	0	31	03	96	02	0	469	77	0	0	9	0	0	49	82
	Khuzdar *	000	0	0	31	03	97	02	0	463	84	0	0	9	0	0	17	91
	Panjgur *	000	0	0	36	05	96	02	0	493	98	0	0	9	0	0	47	99

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form * CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	2	31	02	98	01	1	100	84	2	4	6	0	0	77	79	—	—	—	—		—
	Cox's Bazar	000	0	6	00	00	96	03	2	087	82	4	3	4	3	0	77	73	0	+ 2	79.5	—30.5	87.2	140
	Chittagong	000	0	7	05	02	96	03	/	086	84	7	9	4	0	0	77	77	+ 3	— 1	54.2	—23.6	113.4	108
	Maijdee Court	010	9	0	00	00	98	00	0	083	86	0	0	9	0	0	75	75	—	— 2	—	—	—	115
	Comilla	000	0	4	18	[illegible]5	96	02	0	088	86	0	0	9	3	0	79	77	+ 4	+ 1	83.5	+20.1	101.0	94
	Brahmanbaria	000	0	5	13	02	97	03	1	083	88	5	4	5	0	0	75	80	—	—	—	—		78
	Sylhet	000	0	3	09	02	96	02	0	085	84	2	3	6	0	1	99	73	—	—	116.0	—	144.0	--
	Srimangal	—	..	...	..	..	...	...	...	..	...	...	..	...	..	..	...	...	— !					[illegible]
Dacca	Mymensingh	028	9	0	00	00	97	00	1	076	81	0	0	9	0	0	77	77	+ 1	0	—	—	—	91
	Narayanganj	000	0	6	27	0[illegible]	97	02	2	081	88	4	6	5	3	1	80	80	0	+ 2	47.4	— 1.2	69.4	74
	Dacca (Tezgaon)	000	0	7	23	02	97	02	2	081	84	7	3	4	0	0	77	81	—	—	47.5	—	60.6	—
	Faridpur	000	0	4	16	02	97	02	2	081	83	4	5	1	0	0	8[illegible]	80	+ 3	+ 3	—	—	—	71
Khulna	Barisal	000	0	4	00	00	97	02	2	080	84	3	8	5	0	1	77	79	+ 2	+ 2	—	—	—	81
	Khulna	000	0	3	00	00	97	03	0	072	88	3	3	4	2	0	84	80	+ 6	+ 4	—	—	—	68
	Satkhira	000	0	4	00	00	97	01	1	077	84	4	3	6	0	0	82	79	/	+ 3	—	—	—	65
	Jessore	000	0	5	00	00	96	05	1	078	84	3	4	4	3	0	79	79	—	—	—	—	—	65
Rajshahi	Pabna	000	0	0	00	00	99	02	0	974	84	0	0	9	0	0	77	77	—	—	—	—	—	59
	Sirajganj	014	9	2	18	01	98	01	2	062	84	2	2	6	0	0	77	72	— 2	— 5	42.8	— 2.6	50.3	64
	Rajshahi	000	0	3	00	00	96	01	1	083	8[illegible]	3	5	5	0	0	77	77	+ 2	0	—	—	—	—
	Bogra	000	0	6	00	00	96	03	1	081	84	5	8	4	3	0	79	7[illegible]	0	+ 2	—	—	—	69
	Dinajpur	012	2	6	09	02	96	66	2	078	85	3	5	6	2	/	79	81		+ 5	—	—	—	72
	Rangpur	000	0	3	00	00	96	03	0	080	82	3	0	9	1	0	77	75	0	— 1	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	11	03	55	06	0	054	79	0	0	9	0	0	67	73	— 2	+ 8	13.4	— 0.1	17.8	19
	Sialkot	000	0	0	00	00	56	00	0	050	80	0	0	9	0	0	45	65	+ 4	— 3	—	—	—	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	063	79	0	0	9	0	0	68	73	—	—	22.0	—	30.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	09	02	98	00	0	059	77	0	0	9	0	0	65	72	+ 3	+ 10	18.5	— 5.0	20.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	059	75	0	0	9	0	0	72	73	— 2	+ 4	3.8	— 6.4	7.2	15
	Sargodha	000	0	0	05	03	96	04	0	052	84	0	0	9	0	0	67	70	—	—	—	—	—	—
	Lyallpur	0.0	0	0	00	00	96	00	0	041	75	0	0	9	0	0	67	72	— 2	+ 5	4.6	— 4.5	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	05	96	02	0	042	77	0	0	9	0	0	67	73	+ 5	+ 3	8.0	+ 3.1	11.0	7
	Leiah	000	0	0	00	00	96	00	0	055	[illegible]2	0	0	9	0	0	67	73	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	...	...		...	...	...	...	...	...	...	...	...		...	...	...	...	—					6
	Bahawalpur	000	0	0	00	00	96	00	0	055	80	0	0	9	0	0	70	73	+ 3	+ 5	—	—	—	6
	Fort Abbas	...		..	...	...	...	...	...	...		...	...		...	...	...	.	/					8
Peshawar	Chakdra	000	0	3	05	03	97	03	0	052	72	2	1	7	3	0	//	68	—	—	7.2	—	16.6	—
	Peshawar	000	0	1	36	02	96	06	0	058	77	1	1	6	3	0	60	73	+ 1	+ 8	4.7	+ 0.2	13.4	11
	Haripur	000	0	0	36	05	97	08	1	064	77	0	0	9	0	0	52	72	—	—	7.7	—	18.0	—
D. I.-Khan	Bannu	000	0	4	00	00	96	02	0	042	75	0	0	9	3	0	67	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	80	00	96	00	0	068	79	0	0	9	0	0	67	73	+ 3	+ 5	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	058	75	0	0	9	0	0	48	74	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	17	96	02	0	097	75	0	0	9	0	0	37	69	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	961	75	0	0	9	0	0	70	19	—	—	0.0	—	0.0	—
	Jiwani	000	0	2	00	00	96	01	0	096	76	2	6	5	0	0	71	74	—	—	0.0	—	2.0	5
	Pasni	000	0	0	31	04	97	02	0	099	75	0	0	9	0	0	70	58	— 3	— 11	0.0	— 0.8	0.0	6
Karachi division	Ormara																							6
	Lasbela	...	..		...	...	...	...	..	...		...	...		..	..	...	...	—					8
	Karachi (Manora)	000	0	0	27	09	96	03	0	082	76	2	6	5	0	0	72	75	— 3	+ 3	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	8	27	12	56	03	1	082	79	8	6	5	/	/	72	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	23	02	97	02	0	121	78	6	6	6	0	0	78	77	—	—	0.1	—	0.1	—
	Chhor																							7
	Hyderabad	000	0	0	73	05	97	02	0	062	73	0	0	9	0	0	71	77	— 3	+ 3	0.2	— 5.9	0.3	9
	Badin	000	0	0	23	04	6	03	0	067	78	0	0	9	0	6	71	77	— 5	+ 5	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	05	97	02	0	041	77	0	0	9	0	0	69	71	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	03	96	02	0	047	78	0	0	9	0	0	69	70	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	05	96	02	0	052	78	0	0	9	0	0	71	74	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	18	07	58	02	0	053	80	0	0	9	0	0	66	77	—	—	.	—	—	4
	Jacobabad	000	0	0	13	03	96	02	0	043	77	0	0	9	0	0	71	73	0	+ 2	0.5	— 1.8	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							4
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	36	05	98	01	1	447	59	2	1	4	0	0	37	54	+ 5	+ 2	15.7	—20.0	33.4	18
Peshawar	Drosh *	...	..		...	..	...	..	...	...	...	...	...			..	...	...	— 11					29
	Cherat *	000	0	0	36	05	98	00	0	461	72	0	0	9	0	0	60	//	+ 5	/	3.1	— 9.0	13.4	—
	Kakul *	000	0	1	12	37	5	31	07	482	65	5	4	9	0	0	48	60	—	—	16.0	—	76.7	—
	Landikotal *	000	0	0	31	05	8	02	0	228	73	0	0	9	0	0	58	68	—	—	2.2	—	2.6	29
	Prachinar *	000	0	0	00	00	96	05	0	488	67	0	0	9	0	0	48	60	+ 3	+ 7	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	462	75	0	0	9	0	0	56	70	/	—	1.5	— 4.[illegible]	2.0	11
	Wana *	...	.	...	...	..	...	..	...	...	..	...	...			...	...	..	—					11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	455	70	0	0	9	0	0	42	63	+ 3	+ 4	2.2	— 2.8	6.5	—
	Hindubagh *	000	0	0	23	03	97	02	0	482	60	0	0	9	0	0	46	48	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	13	02	98	00	0	343	59	0	0	9	0	0	41	37	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	31	05	98	02	0	455	72	0	0	0	0	0	57	66	—	—	1.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	456	77	4	7	9	5	7	//	//	—	/	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	80	00	96	05	0	4.7	64	0	0	9	0	0	37	45	—	—	—	—	—	8
	Chaman *	000	0	0	13	03	96	00	0	486	70	0	0	9	0	0	35	63	+ 4	+ 9	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	557	78	0	0	9	0	0	40	74	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	09	02	97	02	0	491	72	0	0	9	0	0	28	65	+ 5	—	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	29	02	97	02	0	488	63	0	0	9	0	0	51	49	+ 3	+ 6	0.8	— 0.4	2.2	—
	Khuzdar *	000	0	0	18	02	96	02	0	480	75	0	0	9	0	0	41	68	—	—	—	—	.	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...		...	.		...	+ 5					—

† Given in Code.

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

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

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

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

OVERSIZE
QC
1969 Oct-Dec
SEP 10 2006

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Climate Database Modernization Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Sailor	99 2 20	10 5 94	30 1 23	01 9 22	98 0 20	09 2 24	00 0 00	43 6 12			0/ / 21	12 2 05	30 5 01	
Br. Sailor	99 2 34	10 5 91	30 0 63	03 5 09	98 0 26	10 0 24	00 0 00	33 2 19			0/ / 26	13 0 20	30 2 01	14 6 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 266 13	...	430 172 40	112 099 52	583 065 57	754 165 67	...	508 209 65	..	...	...	...	...
Dacca ...	00 00	/05 270 16	...	400 150 42	093 074 56	577 079 57	750 165 57	96/ 185 11	020 202 36	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 09	047 256 31	...	450 220 50	153 174 58	588 005 //	758 195 //		...	...	...	...	...	...
Multan ...	00 00	588 244 58	—	400 620 60	0/9 052 //	573 191 //	745 315 //	945 363 //	221 475 //	..	...	...	...	...
Peshawar ...	00 00	564 232 50	...	445 212 57	089 113 58	579 081 57	750 017 //		233 413 //	...	...	...	...	—
Quetta ...	00 00	819 156 67	...	...	100 094 //	575 135 //	741 275 //	519 309 50	...	...	...	...	...	...
Sargodha ...	00 00	592 250 50	...	400 234 53	092 120 56	579 091 //	747 235 //	931 361 //	165 491 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$)	TROPOPAUSE (dt dt ft ft ft)
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 192 35	800 146 43	600 022 56	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 190 39	800 130 47	600 005 50	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	—	—	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	800 160 //	600 149 //	..	...	..	...	...	...	...	...	...
Quetta ...	00 00	...	...		...	...	...	—	...	...	...	...	...
Sargodha ...	00 00	...	...	.	—	...	...	...	...	...	...	..	...

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	410 02	195 02	195 03	205 05	230 07	270 11	260 13	240 19	245 17	215 01	120 01	030 03	020 06	005 07	001 1/	090 02	095 04	095 03							...	...
Chaklala —	...	145 03	150 03	220 02	255 08	275 10	285 19	305 17	320 24	...	072 05	126 03	160 09	170 06	...	...	255 03	240 03	315 04	260 03	275 03	275 11	280 15	260 21	...	...
Chhor ...	270 17	/// //	270 06	/// //	290 14	/// //	270 16	290 12	...	...	...	...	...	...	...	—	—	...	...	...	...	...	...	...	...	...
Chittagong —	275 09	290 07	300 05	060 04	295 02	190 06	255 14	295 12	265 08	...	...	...	...	...	...	355 10	360 04	010 7/	030 04	130 02					...	...
Cox's Bazar —	300 12	320 09	220 08	335 03	270 02	175 02	240 10	260 10	245 13	325 03	355 04	005 05	295 01	...	...	300 10	320 10	325 08	360 03	340 02	035 01	095 01	155 06	220 07	...	...
Dacca —	200 08	200 10	210 10	210 11	245 10	240 10	225 09	225 10	275 08	...			...	...	...	115 06	225 04	255 05	255 05	300 06	280 07	230 06	225 10	220 15	...	...
Dalbandin ...	...	...	325 06	335 10	335 07	335 08	305 14	310 35	310 43	.	..	345 09	355 20	355 20	325 21	.	...	...	...	...	...	...	...	—	...	—
D. I. Khan ...	115 07	115 08	120 10	120 10	145 06	270 06	295 15	295 15	300 19	075 12	085 09	100 10	145 08	050 03	295 13	...	...	...	...	...	...	...	...	...	.	...
Drosh ...	...	...	...	216 10	200 13	285 04	300 7	310 17	300 19	...	...	..	015 01	060 01	080 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	.	...		240 03	280 03	250 12	255 16	285 17	290 22	...	...	...	030 06	300 07	320 15	...	...	...	160 07	350 06	065 03	360 04	275 09	225 11	...	...
Jacobabad ...	180 05	230 09	050 12	230 14	050 02	310 14	310 22	310 24	310 16	185 13	200 16	300 14	325 18	340 16	300 12	235 02	255 09	295 19	295 24	305 26	315 39	320 43	325 33	315 21	...	...
Jessore ...	165 02	190 02	300 5	270 08	250 05	...	...	...	..	255 07	270 04	330 03	065 03	050 03	115 02	275 04	315 03	020 03	358 15	/// //	020 02	...		...	...	...
Jhelum —	130 05	155 03	160 04	080 03	360 08	335 10	284 18	275 19	...	085 04	125 11	130 10	105 07	010 09	330 16	140 15	135 75	035 14	130 11	095 0/	005 15	321 4/	315 12	315 19	...	...
Jiwani ...	205 19	210 13	235 15	—	...	...		.	...	230 08	235 08	290 0/	320 09	020 11	050 17	220 01	035 03	040 09	060 09	074 05	025 08	295 05	305 09	310 10	...	—
Karachi ...	230 09	265 11	085 18	105 22	100 33	085 42	...		..	...	...	...	...	...		280 21	275 21	275 31	..	...		...		...	...	—
Khanpur ...	225 12	235 17	235 19	255 12	280 13	325 04	300 10	305 19	305 20	200 15	205 14	205 18	210 15	221 50	285 13	195 31	205 21	215 17	225 16	290 22	270 23	260 12	210 15	220 20	...	—
Lahore ..	155 04	135 11	130 08	100 10	330 05	285 07	285 16	285 17	295 16	110 07	145 12	140 10	100 06	080 06	265 02	105 06	095 09	015 11	080 08	010 05	310 05	275 17	255 10	305 08	..	—
Multan ...	185 10	205 09	210 07	280 05	285 07	255 25	300 15	305 13	305 17	215 16	230 16	240 //	240 9/	230 11	300 08	210 02	190 03	005 03	005 04	035 07	360 04	220 17	270 22	236 13	...	...
Nawab Shah .	180 09	225 09	255 07	340 03	335 10	330 18	340 25	320 45	315 49	265 05	325 11	335 09	330 09	355 12	020 20	318 13	335 14	340 14	055 13	325 08	310 10	020 20	335 31	335 30	—	...
Panjgur ...	...	..	...	...	...	...	.			...		...	..	...	...	...				...	..	...	...		—	...
Peshawar ...	...	050 07	140 06	180 13	220 12	275 17	315 09	310 17	300 17	..	335 18	325 18	322 1	300 12	310 11	...	015 06	355 07	340 19	290 13	270 13	280 06	250 17	250 18	—	...
Quetta ..	...	...			305 08	300 20	305 20	300 29	305 40	...	.	..		-	...	...	...	...		275 10	285 05	245 19	295 19	..	...	...
Sargodha ...	095 06	095 07	100 08	100 07	035 07	270 08	270 19	320 14	335 25		170 03	070 05	360 08	360 09	320 12	110 05	075 10	095 13	065 12	650 11	275 03	235 16	255 18	255 21	...	...
Sylhet ...	295 03	280 05	240 06	240 04	225 01	100 03	255 15	...	...	165 03	225 01	305 01	255 03	225 05	210 07	180 01	190 03	140 02	185 02	...	...		...	...	...	...
Veraval ...	...	...	...			..	-	...	...	...		.	—		-	...	..	...	.	...	.	...	..	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	190 08	175 04	175 04		220 04	...	195 07	—	235 10	...	...	...						
Karachi ...	265 29	275 37	280 29	280 19	315 19	345 22	355 17	350 15	350 19	...	...	..	...	—	...	..	...	...
Peshawar ...																		
Quetta ...																		

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

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

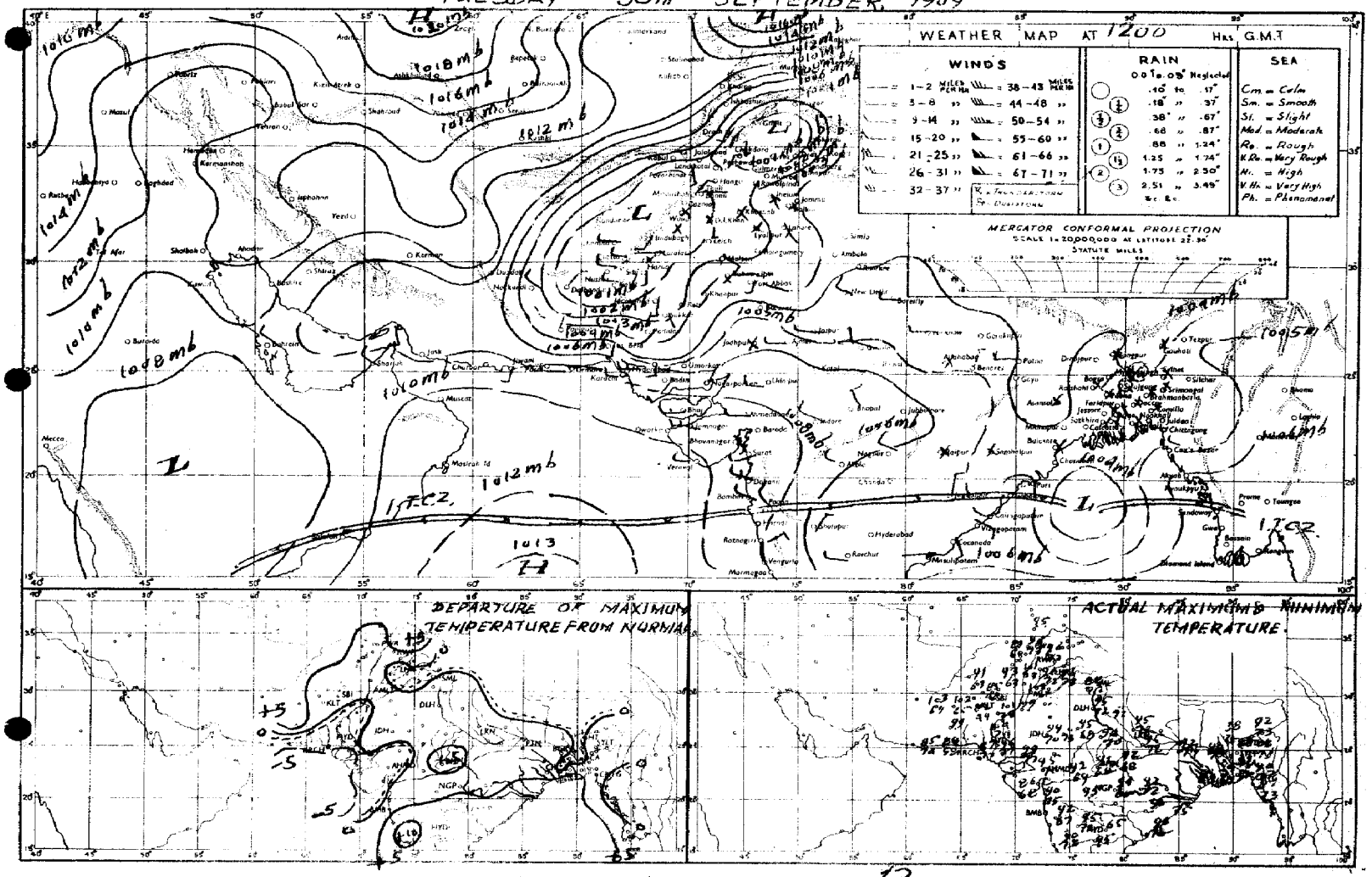
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

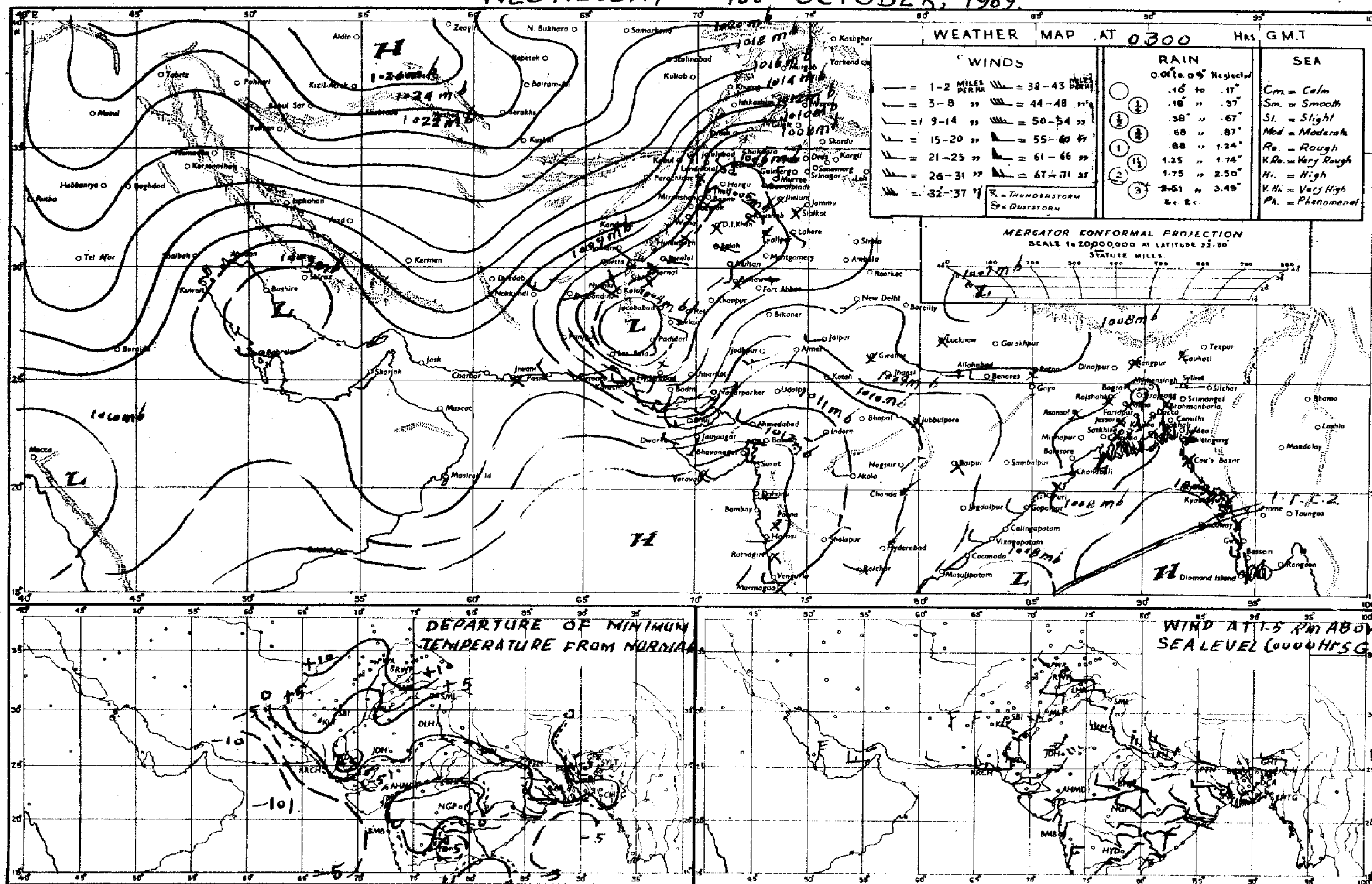
TUESDAY 30th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 2nd OCTOBER 1969.

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

A shallow trough of low pressure lies over West Bengal and adjoining north west Bay of Bengal. Rain/thundershowers have been scattered in East Pakistan, Jessore and Dacca have recorded ¼" and ¼" of rainfall respectively. The seasonal low pressure area lies over Hyderabad and Khairpur divisions with its trough extending to Sargodha division. Murree has recorded ¼" of rainfall. A few thunderstorm have also been reported from D. I. Khan division.

Day temperatures were 3—6 °F (2—3 °C) below normal in Dacca, Khulna, Rajshahi, Lahore, Multan, Quetta, Kalat and Hyderabad divisions and to the same extent above normal in Peshawar and Karachi divisions.

Forecast valid until the evening of 3rd October 1969 :— Thunderstorm/showers will be scattered in East Pakistan. A few dust/thunderstorms may also occur in Sargodha, Rawalpindi, Lahore, Khairpur and Hyderabad divisions.

Karachi-11
The 2nd October, 1969.

OBSERVATIONS

ATMOSPHERIC SCIENCES LIBRARY
JUN 1970
U. S. S. A. Dept. of Commerce

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of the: 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 Low Cloud (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	3	10	02	96	01	0	053	86	2	3	6	7	0	73	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					
	Cox's Bazar	000	0	5	00	00	97	03	2	052	82	3	3	4	0	1	78	87	000	0	5	00	00	96	02	0	094	84	4	2	5	0	/	79	77	0	+ 2	79.5	—30.7	87.2	140
	Chittagong	000	0	5	23	08	96	02	2	051	85	3	2	5	5	0	76	89	115	5	6	13	02	96	03	9	097	82	3	2	5	0	/	77	75	+ 2	— 1	54.9	—23.5	153.5	108
	Maijdee Court	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	4	00	00	97	03	2	079	87	2	1	5	2	1	77	77		0	113.8	+28.7	126.0	15
	Comilla	000	0	0	00	00	96	02	0	057	88	0	0	9	0	0	76	89	000	0	0	00	00	96	02	0	099	86	0	0	9	0	0	79	75	0	— 1	115.8	+52.1	104.0	54
	Brahmanbaria	000	0	2	00	00	96	01	1	049	84	2	5	5	0	0	76	88	000	0	5	18	02	97	03	1	093	87	5	4	5	0	0	77	79	—	—	41.3	— 7.2	51.0	78
	Sylhet	012	3	0	00	00	/ /	01	0	043	87	1	4	5	0	1	77	90	012	9	0	00	00	97	02	0	090	84	0	0	9	0	0	65	78	—	—	116.1	—	144.1	—
	Srimangal	000	0	3	36	02	94	02	0	046	82	0	0	9	7	2	77	92	030	9	0	00	00	96	00	6	085	84	0	0	9	0	0	75	82	+ 1	+ 6	58.8	— 0.7	78.3	58
Dacca	Mymensingh	000	0	4	00	00	/ /	01	1	045	84	4	4	5	0	0	79	89	000	0	4	00	00	97	01	1	096	84	4	4	5	0	0	77	81	— 2	+ 4	60.8	— 3.2	75.7	91
	Narayanganj	005	6	1	27	02	/ /	01	6	049	82	1	6	6	0	0	77	84	005	0	5	27	02	97	03	2	088	84	4	1	6	3	1	79	76	— 4	— 2	47.5	— 1.4	7.0	74
	Dacca (Tejgaon)	018	2	4	00	00	97	02	9	045	82	1	1	6	6	0	73	87	018	9	3	00	00	97	01	4	089	84	3	8	5	0	0	77	78	—	—	49.7	—	60.8	—
	Faridpur	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	3	16	02	97	02	1	087	87	3	4	5	0	0	79	79		+ 2	39.0	— 7.7	53.5	71
Khulna	Barisal	000	0	6	00	00	96	03	2	007	86	4	4	4	0	1	79	89	000	0	5	00	00	97	02	2	091	84	5	6	5	0	0	79	80	+ 1	+ 3	52.0	— 4.8	62.0	81
	Khulna	000	0	2	00	00	97	03	0	045	87	0	2	4	0	0	80	94	000	0	2	00	00	97	03	0	/ /	87	0	2	4	0	0	82	81	— 6	+ 5	63.6	—14.6	69.7	68
	Satkhira	000	2	4	00	00	97	03	5	044	79	4	3	6	1	1	79	/ /	000	0	4	36	01	97	01	1	016	84	4	4	6	1	1	79	77	/	+ 1	55.6	—91.1	61.0	65
	Jessore	043	3	7	00	00	97	95	9	045	76	4	3	4	7	0	76	92	045	9	1	28	04	96	05	9	018	82	1	2	5	3	0	79	75	—	—	53.3	— 60.0	58.8	65
Rajshahi	Pabna	000	0	2	00	00	98	01	1	040	88	2	2	6	0	0	77	89	003	0	4	23	02	98	00	1	089	77	8	4	6	0	0	73	75	—	—	48.2	—	62.0	59
	Sirajganj	000	0	6	18	01	96	02	2	046	84	6	6	6	0	0	79	89	000	0	2	00	00	98	01	2	098	84	2	2	6	0	0	79	81	+ 1	+ 4	42.7	— 2.7	55.4	64
	Rajshahi	000	0	3	00	00	96	03	1	045	86	2	5	5	2	0	79	89	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		0	..	..	..	..
	Bogra	007	2	5	00	00	96	02	0	042	82	4	4	5	3	2	76	01	000	0	2	00	00	96	02	2	090	84	4	4	4	3	0	79	73	—	— 2	46.0	— 4.6	57.0	69
	Dinajpur	010	6	0	09	02	96	00	6	038	84	0	0	9	0	0	79	86	010	0	0	00	00	96	00	0	090	84	0	0	9	0	0	79	77	— 3	+ 1	71.5	—15.2	54.5	73
	Rangpur	000	0	2	00	00	96	01	1	036	85	0	0	9	0	0	76	89	000	0	4	09	02	96	03	1	107	81	4	4	5	0	0	79	81	0	+ 5	65.6	+ 3.3	81.2	64
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	06	0	017	88	0	0	9	0	0	61	54	000	0	6	36	05	95	06	0	084	75	3	4	6	7	0	64	73	— 4	+ 8	13.4	— 1.1	17.8	19
	Sialkot	000	0	0	00	00	96	00	0	021	86	0	0	9	0	0	98	93	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	— 3		..	..	..	32
Rawalpindi	Jhelum	000	0	7	10	32	96	03	0	020	89	4	9	6	1	0	63	97	000	0	1	31	02	97	01	9	070	/ /	1	0	9	3	0	60	/ /	—	/	22.0	—	30.3	—
	Islamabad	000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			..	..	..	—
	Rawalpindi	000	0	8	18	02	98	02	9	035	82	8	4	6	0	0	55	54	000	9	0	00	00	99	00	9	096	68	0	0	9	0	0	60	62	+ 2	0	18.6	— 5.0	18.7	36
	Campbellpur	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			..	..	..	—
Sargodha	Khushab	000	0	0	00	00	97	00	0	018	84	3	0	9	0	6	50	/ /	000	0	0	00	00	97	00	0	084	75	0	0	9	0	0	73	69		/		3.8	— 6.4	7.2	15
	Sargodha	000	0	5	13	07	91	04	0	/ /	93	1	3	6	0	1	01	93	00	0	5	36	03	97	02	0	079	73	0	0	9	0	1	62	68	—	—	16.5	—	20.1	—
	Lyallpur	000	8	0	29	02	96	00	/	011	94	0	0	9	0	0	73	98	000	0	0	36	02	96	00	0	073	73	0	0	9	0	0	64	23	+ 2	+ 6	4.6	— 4.5	7.6	12
Multan	Sahiwal	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			..	..	..	10
	Multan	000	0	0	13	02	96	05	0	014	89	0	0	9	0	0	70	94	000	0	8	31	02	97	02	3	076	77	0	0	9	0	0	60	73	— 4	+ 3	8.0	+ 3.1	11.0	7
	Leiah	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	36	02	92	00	0	059	72	0	0	9	0	0	68	73		—	1.0	—	2.7	8
Bahawalpur	Khanpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	05	03	95	60	0	/ / /	81	0	8	9	0	0	62	73		+ 4	2.0	— 4.0	1.1	6
	Bahawalpur	000	0	0	23	02	98	00	0	066	03	0	0	9	0	0	/ / /	03	000	0	0	00	00	96	00	0	070	79	0	0	9	0	0	62	73		+ 5	0.7	— 3.5	2.9	6
	Fort Abbas	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	///	/	0	33	02	98	00	0	040	84	0	0	9	0	0	64	79	/	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	7	05	02	97	03	5	008	81	7	3	7	0	0	63	88	000	0	0	00	00	98	02	0	/ / /	/ /	0	0	9	0	0	59	59	—	—	7.2	—	16.6	—
	Peshawar	000	2	6	18	12	96	07	3	027	82	3	3	6	2	1	43	87	000	0	1	00	00	97	03	0	103	69	1	0	9	3	0	58	62	+ 5	— 3	4.7	+ 0.2	13.4	11
	Haripur	...																																							—
D. I. Khan	Bannu	000	2	6	13	23	98	07	9	044	82	4	2	7	0	7	56	95	000	0	/	/	/	98	02	2	014	73	0	0	9	4	7	58	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	017	63	0	0	9	0	0	72	97	000	0	0	00	00	96	07	9	090	75	0	0	9	0	0	75	73		0	+ 5	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	23	03	97	02	0	993	05	0	0	9	0	0	46	06	000	0	0	27	03	97	02	0	064	78	0	0	9	0	0	72	74	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	23	94	07	3	060	89	0	0	9	0	0	48	91	000	0	0	31	24	4	07	3	115	68	0	0	9	0	0	43	67	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	929	01	0	0	9	0	0	81	07	000	0	0	05	02	96	00	0	064	85	0	0	9	0	0	70	19	—	—	0.0	—	0.0	—
	Jiwani	000	0	0	23	09	96	02	0	068	85	0	0	9	0	0	72	86	000	0	3	00	00	96	03	0	09	77	3	6	5	0	0	75	74	—	—	0.0	—	0.0	5
	Pasni	000	0	0	25	14	97	02	0	065	88	0	0	0	0	0	74	87	000	0	0	29	10	95	97	6	087	76	0	0	0	0	0	76	58	— 3	— 13	0.0	— 0.8	0.0	6
Karachi division	Ormara	...																																							6
	Lasbela	///	0	3	13	02	98	00	0	022	98	0	0	9	0	0	72	00	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	/					8
	Karachi (Manora)	000	0	0	27	09	97	02	0	055	79	0	0	9	0	0	73	81	000	0	6	27	07	96	03	2	081	75	6	6	4	0	0	72	74	+ 6	— 3	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	4	25	17	96	03	0	041	83	4	6	5	0	0	69	87	000	0	7	27	09	96	02	2	010	18	7	3	5	0	0	72	76	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	098	80	0	0	0	0	0	89	99	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						—
	Chhor	...																																							7
	Hyderabad	000	0	0	23	10	95	07	0	027	91	0	0	9	0	0	71	01	000	0	7	23	07	97	03	1	059	73	0	0	9	0	0	73	78	+ 1	+ 4	0.2	— 5.8	0.3	6
	Badin	000	0	0	23	16	97	02	0	051	87	0	0	9	0	0	71	93	000	0	4	23	04	97	03	0	057	78	0	0	9	0	4	74	77	— 6	+ 5	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	09	03	97	02	0	004	05	0	0	9	0	0	62	0	000	0	0	01	03	96	02	0	055	76	0	0	9	0	0	68	73	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	36	03	96	02	0	015	02	0	0	9	0	0	58	05	000	0	0	05	02	96	02	0	055	79	0	0	9	0	0	71	73	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	23	03	96	02	0	006	01	0	0	9	0	0	48	03	000	0	0	13	05	96	02	0	064	78	0	0	9	0	0	72	76	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	19	03	98	02	0	019	96	0	0	9	0	0	69	97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					4
	Jacobabad	000	0	0	16	05	97	02	0	003	98	0	0	9	0	0	64	01	000	0	0	09	17	95	10	0	061	85	0	0	9	0	0	65	74	0	+ 5	0.5	— 1.8	0.8	20
unagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							—
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Minar **	...																																							—
	Aliabad *	...																																							5
	Gilgit *	...																																							59
Rawalpindi	Murree *	...	000	0	8	13	03	96	17	1	461	63	8	9	3	/	/	50	70	048	9	3	13	05	97	01	9	479	58	0	0	9	8	0	49	45	—	— 7	16.2	—19.6	33.6	18
Peshawar	Drosh *	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	00	00	98	7	0	492	60	0	0	9	0	8	41	60		+ 2	3.1	—	14.3	29
	Cherat *	...	000	0	5	36	05	97	03	0	450	83	5	6	8	0	/	54	82	000	0	0	36	02	98	03	0	457	62	0	0	9	0	0	47	/ /	—	/	3.1	— 9.0	13.4	—
	Kakul	...	000	0	8	36	05	96	05	2	461	75	8	7	5	/	/	/ /	82	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					—
	Landikotal	...	000	0	6	31	05	98	02	0	319	76	6	7	6	/		38	84	000	0	0	31	05	98	02	0	353	58	0	0	9	0	0	51	/ /		/	2.2	—	2.6	29
	Parachinar	...	000	7	9	36	16	96	02	0	/ / /	/ /	/	/	/	/	/ /	/ /	000	0	0	00	00	98	02	0	504	60	0	0	9	0	0	45	51	/	— 2	6.3	—	17.0	13
D.I. Khan	Miranshah *	...	000	0	6	05	05	96	01	0	444	76	0	0	9	0	0	56	88	000	0	0	05	05	99	00	0	501	64	0	0	9	0	0	54	/ /	—	/	0.5	— 4.2	2.0	11
	Wana *	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	00	00	99	00	0	473	69	0	0	9	0	0	56	58	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	...	000	0	2	31	03	97	03	0	434	95	1	1	7	3	0	23	/ /	000	0	0	05	0	96	05	0	481	70	0	0	9	0	0	43	62		+ 3	2.2	— 2.9	6.5	—
	Hindubagh *	...	000	0	0	20	05	94	05	0	420	77	0	0	9	0	0	69	85	000	0	0	23	03	93	05	0	482	60	0	0	9	0	0	34	38	—	—	2.7	—	6.0	9
	Loralai *	...	000	0	0	18	02	98	05	3	/ / /	84	0	0	9	0	0	87	86	000	0	0	18	02	90	00	0	335	59	0	0	9	0	0	45	40	—	—	0.6	—	2.0	—
	Barkhan *	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	31	02	98	02	0	440	71	0	0	9	0	0	57	61	—	—	1.0	—	1.0	14
	Harnai *	...	000	0	0	00	00	96	02	0	444	95	0	0	0	0	41	98	000	0	0	00	00	96	05	0	532	77	0	0	9	0	0	43	96	—	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	...	000	0	0	27	08	95	05	0	470	77	0	0	9	0	0	38	82	000	0	0	00	00	95	05	0	402	64	0	0	9	0	0	39	49	—	—	0.5	— 0.5	3.1	8
	Chaman *	...	000	0	0	23	07	96	00	0	463	84	0	0	9	0	0	27	84	000	0	0	18	03	96	00	0	449	70	0	0	9	0	0	37	51	— 4	+ 5	2.1	+ 2.0	4.7	—
	Nushki *	...	000	0	0	31	06	95	05	0	544	86	0	0	9	0	0	49	90	000	0	0	00	00	95	05	0	543	78	0	0	9	0	0	25	62	—	—	0.5	—	2.6	4
	Dalbandin *	...	000	0	0	27	12	94	07	0	416	50	0	0	9	0	0	37	95	000	0	0	23	03	95	05	0	487	72	0	0	9	0	0	43	61	—	—	0.0	— 0.2	0.5	7
Kalat	Kalat *	...	000	0	0	31	03	96	02	0	442	64	0	0	9	0	0	48	78	000	0	0	31	02	97	02	0	496	63	0	0	9	0	0	39	44	— 6	+ 1	0.8	— 0.4	2.7	—
	Khuzdar *	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	27	02	95	05	0	479	71	0	0	9	0	0	33	69	—	—	1.8	—	3.2	5
	Panjgur *	...	000	0	0	36	09	95	07	0	479	92	0	0	9	0	0	50	94	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	+ 2					—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 2nd OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_sT_s$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dolabella	99 2 40	10 5 91	01 0 64	00 0 00	98 0 23	11 5 29	00 9 00	34 2 05			...	12 7 54	30 0 00	...
Dolabella	99 2 30	10 6 05	10 6 05	01 1 24	02 0 17	98 0 20	07 1 26	07 0 06			00 1 23	12 5 70	30 5 02	18 9 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			At surface and Standard Isobaric Levels											
		PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 254 10	...	465 190 22	130 030 48	584 061 50	756 161 56	967 157	013 202 44	..	...	...	...	...
Dacca ...	00 00	006 270 16	...	420 152 42	090 074 57	580 067 58	751 171 58	962 309 59	524 203 37	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 09	008 254 25	...	000 194 12	098 150 01	587 010 11	762 111 //	977 341 //	262 411 //	...	...	...	...	...
Multan ...	00 00	992 250 59	...	410 220 61	116 090 //	577 135 //	743 223 //	950 315 //	232 391 //	...	...	...	...	...
Peshawar ...	00 00	968 185 01	...	436 162 56	081 070 57	575 115 //	732 245 //	946 355 //		...	...	...	...	...
Quetta ...	00 00	820 138 58	...	...	102 036 //	575 129 //	739 313 //	935 505 //	190 655 //	...	...	...	...	...
Sargodha ...	00 00	992 250 59	...	400 234 57	100 074 57	588 091 59	758 985 //	959 281 //	258 401 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_a$ DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	P$_t$T$_t$P$_t$T$_t$T$_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 214 17	800 160 16	600 018 58	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 182 32	800 128 50	600 003 56	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	060 04	125 02	125 03	125 03	040 04	320 10	285 17	235 12	.	120 02	120 01	115 01	145 05	160 06	..	335 05	340 09	335 07	..	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	085 01	040 04	150 01	275 03	225 13				...	...	...	...	...	...	...	...
Chhor ...										230 20	230 25	..	...	...	...	275 07	205 15	...	...	...	...	...	...	...	...	...
Chittagong ...	265 09	230 04	360 04	025 06	040 03	250 04	205 73	235 06	215 04							270 03	360 03	335 04	325 02	325 3/	230 05	250 01	255 02	...	...	...
Cox's Bazar ...	130 09	130 06	103 04	140 04	205 02	025 03				235 05	245 02	205 05	105 03	125 03	075 07	330 02	315 02	305 03	010 04	055 03	..	...	...	...	...	...
Dacca ...	190 06	210 05	210 03	310 04	310 04	305 08	290 09	235 10	230 12	...			...	...	...	235 05	230 06	220 05	225 05	...	...	...	...	...	...	...
Dalbandin ...		...	320 19	330 27	330 31		...	...	...			260 10	300 15	252 10	345 20											
D. I. Khan ...	160 03	140 03	135 05	120 9/	115 09	135 14	260 09	280 07	235 04	040 13	045 18	055 20	...	...	...	100 07	085 07	060 06	060 03	060 03	100 03	190 06	200 06	295 08	...	...
Drosh ...	...	...	...	230 10	210 07	095 03	330 13	290 18	255 23	...	..	..	205 00	193 01	009 51	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...		...		285 02	225 03	280 09	270 13	250 21	285 27	...	...	...	065 06	205 06	305 12	...	...	...	320 02	305 05	250 05	185 10	210 08	331 //	...	...
Jacobabad ...	130 05	310 07	305 08	310 59	380 18	290 19	275 26	265 24	260 25	095 13	085 15	090 11	335 14	335 17	350 13	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	..			No	Aasase					255 04	260 23	015 02	185 01	165 02	110 04	358 04	005 05	015 04	025 03	035 01				...	...	...
Jhelum ...	150 06	150 08	150 06	100 87	065 00	...	...	...	...	340 11	040 07	110 13	160 11	205 06	210 12	188 09	285 19	080 17	190 34	095 30	040 07	325 15	300 17	285 17	...	...
Jiwani ...	225 06	093 07	180 08	080 05	010 05	005 10	290 09	290 11	300 17	215 06	315 05	295 03	065 01	288 03	345 09	120 08	095 10	095 05	300 04	325 09	340 17	335 23	320 23	315 28	...	...
Karachi ...	275 15	180 18	210 20	340 30	...	...	...	...	...							295 13	330 18	345 17							...	...
Khanpur ...	220 10	230 08	235 11	250 14	290 05	270 26	...	...	...	200 14	210 14	210 16	210 12	265 10	255 20	030 11	040 15	050 17	053 85	085 23	055 19	020 04	/80 12	020 06	...	...
Lahore ...	154 04	145 05	145 06	160 07	155 10	170 07	225 08		...	110 11	125 11	135 17	165 03	235 06	275 11	070 17	080 16	080 12	160 08	145 05	065 03	250 13	350 20	255 23	...	...
Multan ...	135 17	175 14	175 13	360 11	255 12	245 32	/// //	245 20	265 17	030 24	040 31	035 32	030 23	...	...	360 13	360 15	020 13	020 12	075 15	085 06	115 07	025 07	330 04	...	...
Nawab Shah ...	020 07	005 07	345 06	315 08	310 14	300 20	305 27	320 42	340 58	325 16	305 27	005 05	340 10	305 08	195 09	025 15	025 15	015 12	020 09	125 09	255 06	295 20		...	...	...
Panjgur ...	...	...	...	320 14	330 18	340 20	..		...	...						...	.		...	...			...	...	...	...
Peshawar ...	...	013 25	020 19	025 16	025 12	...	...	...	...	...	310 08	310 11	320 27	280 37	280 34	..	.	...	..	...				...	...	...
Quetta ...	...		...		265 05	270 06	285 11	305 15	305 19	...		...			...				250 07	260 09	270 21	280 34	290 53	...	...
Sargodha ...	140 10	140 12	140 13	135 13	120 12	...	...	...	...	025 15	060 16	080 16	270 04	325 11	...	155 12	055 15	060 12	025 12	315 06	235 08	265 03	/// //	265 03	...	...
Sylhet ...	285 06	225 03	195 04	235 02	310 01	...	...	...	...	315 01	255 01	260 02	240 04	235 03	...	245 03	250 02	180 01	/// //	240 03	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	180 03	190 03	193 02		215 03		125 06	..	130 14	...	...	...	...	...	...	...	...	...
Karachi ...	260 25	295 27	305 27	305 24	350 21	305 21	310 20	310 24	310 23	..	...							
Peshawar ...																		
Quetta ...																		

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

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

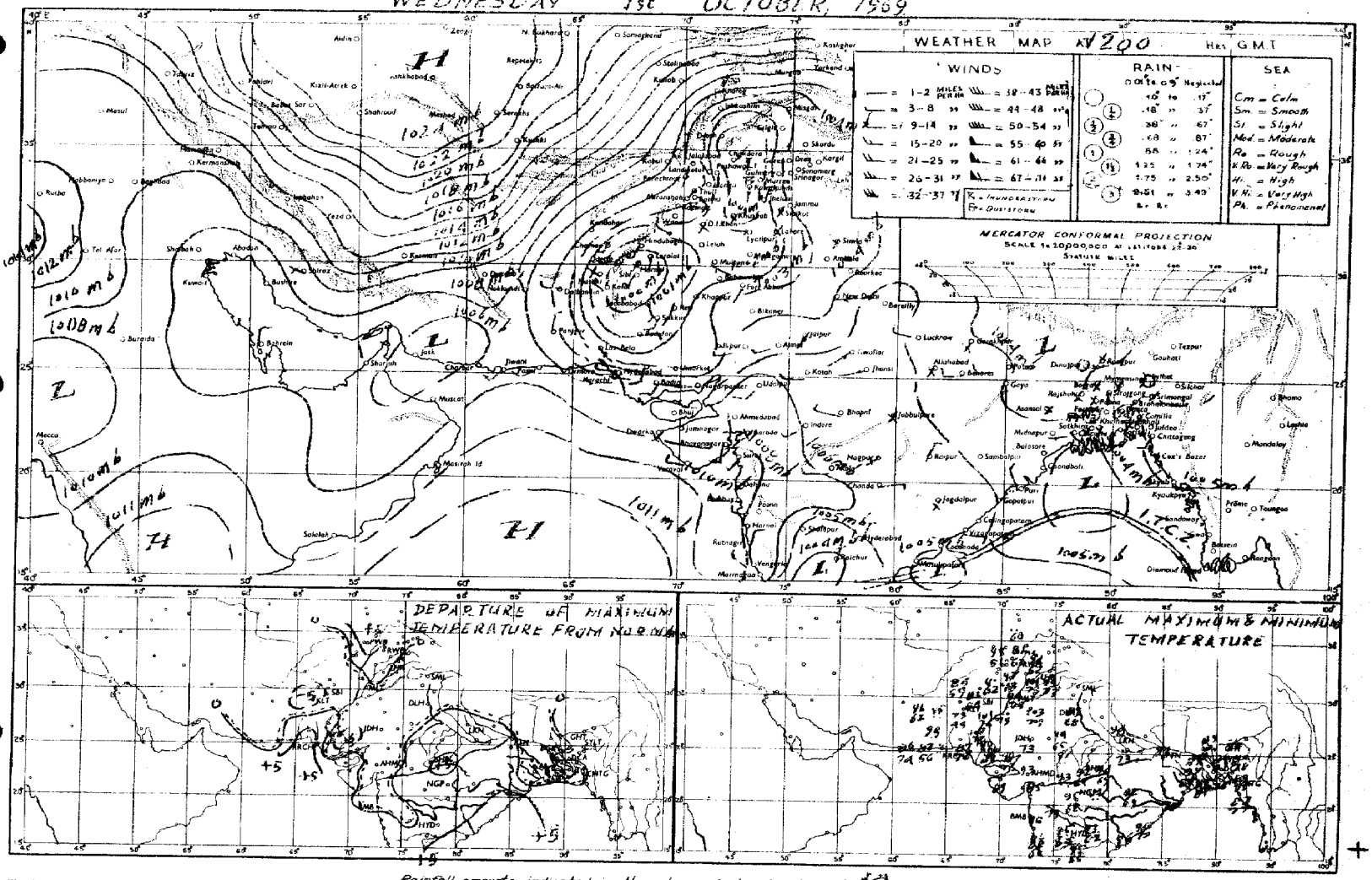
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

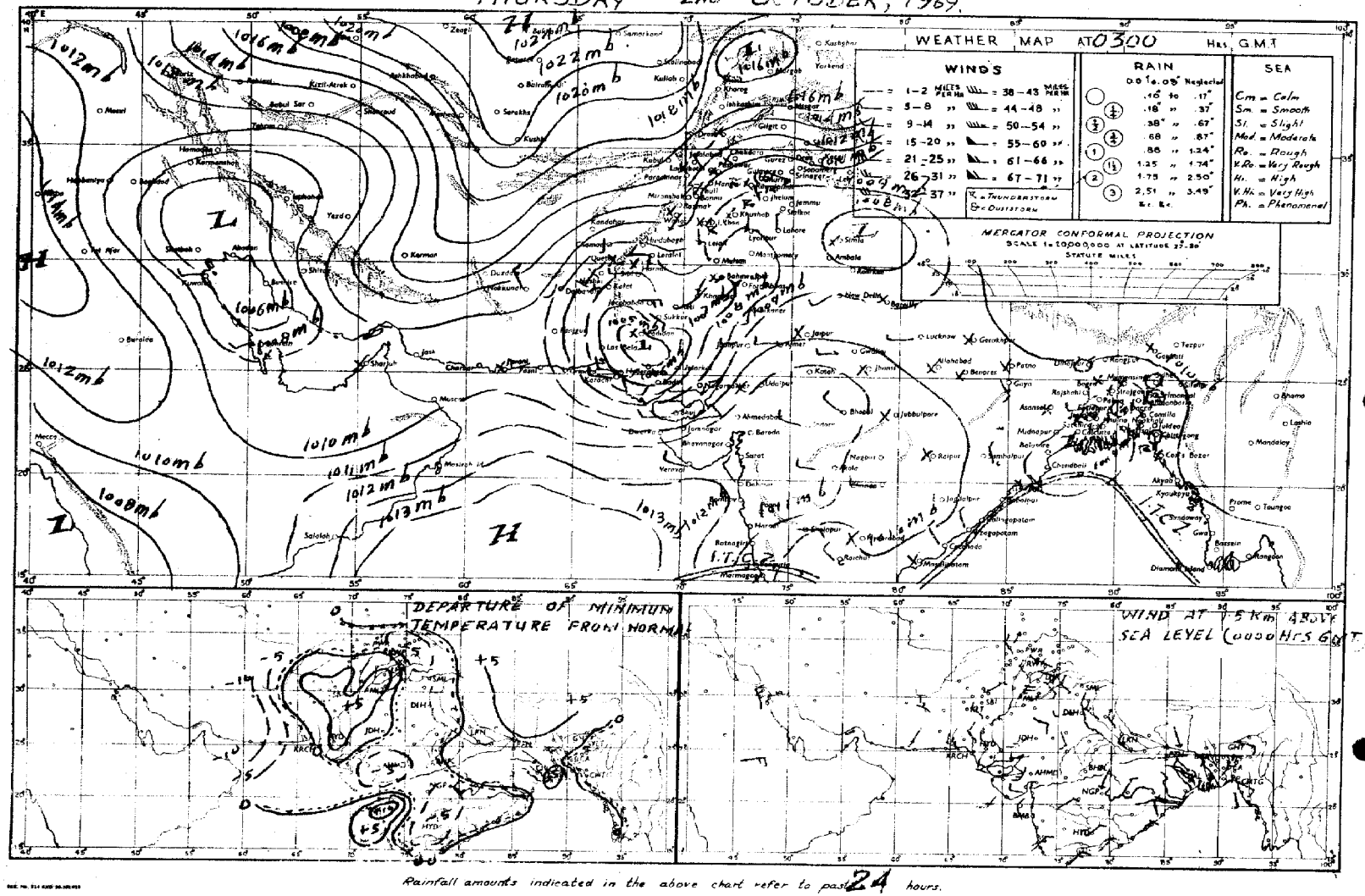
WEDNESDAY 1st OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 3rd OCTOBER 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's trough of low pressure over West Bengal and adjoining north west Bay of Bengal persists.
Rain/thundershowers have been local in Dacca division and scattered elsewhere over East Pakistan.
The seasonal low pressure area lies over Quetta and Kalat divisions. Scattered rain/thundershowers have occured in Khairpur division.
Chief amounts of rainfall are: Jacobabad 2", Srimangal, Narayanganj, Jessore and Bogra ½" each.
Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong and Khulna divisions and 3—8 °F (2—4 °C) below normal in Dacca, Rajshahi, Lahore, Rawalpindi, Sargodha, Multan, D. I. Khan, Quetta, Karachi, Hyderabad and Khairpur divisions.
Forecast valid until the evening of 4th October 1969 :— Thunderstorms/showers will be scattered in East Pakistan. A few thunderstorms may also occur in Peshawar division. Weather will be dry elsewhere over West Pakistan.

Karachi-11
The 3rd October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	5	27	02	96	01	4	060	84	4	8	5	7	1	82	93
	Cox's Bazar ...	001	0	5	00	00	96	02	2	062	82	3	3	4	0	1	76	87
	Chittagong ...	000	0	6	00	00	96	02	2	059	86	2	3	5	0	1	76	93
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla ...	000	0	0	00	00	96	02	0	050	86	0	0	9	0	0	73	93
	Brahmanbaria ...	000	0	3	00	00	96	03	1	052	82	0	0	9	0	7	77	93
	Sylhet ...	000	0	5	00	00	96	00	0	054	84	3	5	5	0	1	79	89
	Srimangal ...	050	9	0	00	00	94	00	6	082	82	0	0	9	0	0	79	93
Dacca	Mymensingh ...	000	0	2	00	00	96	01	0	053	84	2	8	8	2	0	76	85
	Narayanganj ...	059	5	8	13	02	96	02	6	052	83	6	6	5	3	1	77	86
	Dacca (Tezgaon) ...	012	5	6	00	00	97	03	9	054	82	4	0	9	2	1	76	87
	Faridpur ...	000	0	4	16	02	97	02	2	082	84	4	5	5	0	0	76	89
Khulna	Barisal ...	000	2	6	27	02	96	17	9	053	81	5	3	4	2	0	73	89
	Khulna ...	000	0	6	00	00	97	63	0	051	81	2	2	4	2	0	79	93
	Satkhira ...	000	0	3	00	00	97	01	2	062	81	4	3	6	1	1	76	89
	Jessore ...	064	2	6	16	03	97	82	9	055	84	2	4	5	3	8	77	88
Rajshahi	Pabna ...	000	0	0	00	00	98	02	1	048	88	0	0	9	0	0	76	89
	Sirajganj ...	007	6	4	00	00	97	02	2	056	84	4	4	6	0	0	73	84
	Rajshahi ...	000	0	3	36	02	96	01	1	056	86	2	5	5	0	8	79	89
	Bogra ...	049	6	1	00	00	96	02	6	054	82	1	1	5	3	0	77	88
	Dinajpur ...	000	3	3	00	00	96	01	1	048	88	3	0	9	4	0	79	89
	Rangpur ...	000	0	0	00	00	96	01	1	036	84	1	2	6	1	0	79	88
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	05	05	95	06	3	067	86	0	0	9	0	0	63	89
	Sialkot ...	000	0	0	00	00	96	00	0	067	82	0	0	9	0	0	76	97
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	96	02	0	066	89	0	0	9	0	0	69	83
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	03	00	95	06	0	070	88	0	0	9	0	0	82	97
	Sargodha ...	000	0	0	09	05	96	06	0	072	84	0	0	9	0	0	61	//
	Lyallpur ...	000	0	0	36	02	96	00	0	053	84	0	0	9	0	0	64	89
Multan	Sahiwal ...																	
	Multan ...	000	0	0	36	03	96	05	0	056	89	0	0	9	0	0	68	95
	Leiah ...	000	0	0	36	02	94	00	0	046	57	0	0	9	0	0	70	97
Bahawalpur	Khanpur ...	..		..		..		..					..		..	..	..	..
	Bahawalpur ...	000	0	0	00	00	96	00	0	910	79	0	0	9	0	0	65	97
	Fort Abbas ...	000	0	0	36	02	94	00	0	046	97	0	0	9	0	0	70	97
Peshawar	Chakdra ...	..	..	..	..	..	..	..		..	..	..	..	..			..	..
	Peshawar ...	000	0	1	36	02	97	02	0	068	84	0	0	9	0	0	65	88
	Haripur ...	000	0	0	36	02	98	00	0	093	79	0	0	9	0	0	70	81
D. I. Khan	Bannu ...	000	0	3	13	02	99	01	1	073	84	0	0	9	0	7	58	83
	D. I. Khan ...	000	0	0	05	02	98	00	0	063	88	0	0	9	0	0	68	88
Quetta	Sibi ...	000	0	0	27	03	97	02	0	045	99	0	0	9	0	0	52	100
	Nokkundi ...	000	0	0	31	14	96	02	0	058	67	0	0	9	0	0	48	86
Kalat	Turbat ...	000	0	0	05	02	96	00	0	027	03	0	0	9	0	0	37	103
	Jiwani ...	000	0	0	18	04	96	02	0	068	85	0	0	9	0	0	70	88
	Pasni ...	000	0	0	25	22	97	02	0	015	84	0	0	0	0	0	78	95
Karachi division	Ormara ...																	
	Lasbela ...	///	0	0	09	02	98	00	0	025	03	0	0	9	0	0	59	105
	Karachi (Manora) ...	000	0	0	27	11	96	02	0	051	78	0	0	9	0	0	73	80
	Karachi (Airport) ...	000	0	1	23	05	95	00	1	043	88	1	5	6	0	0	63	93
Hyderabad	Nagarparker ...	000	0	0	05	02	97	02	0	090	89	0	0	9	0	0	83	99
	Chhor ...	000	0	0	23	13	95	05	0	041	90	0	0	9	0	0	68	92
	Hyderabad ...	000	0	3	23	05	96	05	1	035	95	0	0	9	0	8	68	97
	Badin ...	000	0	0	23	08	97	02	0	053	0	0	0	9	0	0	71	93
Khairpur	Padidan ...	000	0	0	31	05	95	05	0	020	95	0	0	9	0	0	76	96
	Nawabshah ...	000	0	0	00	00	96	06	0	044	95	0	0	9	0	0	70	96
	Sukkur ...	000	0	0	23	03	96	02	0	040	93	0	0	9	0	0	74	95
	Kashmore ...	000	0	0	05	05	97	05	4	036	91	0	0	9	0	0	70	92
	Jacobabad ...	000	0	0	12	12	96	6	0	047	9.	0	0	9	0	0	71	94
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	2	00	09	96	01	1	493	63	0	0	9	8	0	48	67
Peshawar	Drosh * ...	000	0	1	23	09	99	02	0	465	81	2	2	7	0	0	33	86
	Cheras * ...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Kakul * ...	000	0	0	05	01	56	06	0	448	89	0	0	9	0	0	67	93
	Landikotal * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prachinar * ...	000	0	6	17	07	98	03	0	497	//	3	4	6	0	0	43	61
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	488	82	0	0	9	0	0	42	84
	Wana * ...	000	0	0	13	05	99	00	0	491	79	0	0	9	0	0	50	81
Quetta	Fort Sandeman * ...	000	5	4	27	14	97	03	0	466	79	3	8	7	3	0	31	85
	Hindubagh * ...	000	0	7	20	05	96	03	0	456	82	7	1	4	0	0	38	83
	Loralai * ...	000	0	0	27	02	98	00	0	395	85	0	0	9	0	0	45	87
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	459	67	0	0	0	0	0	//	97
	Samungli (Quetta) * ...	000	0	0	31	10	95	05	0	472	77	0	0	9	0	0	35	79
	Chaman * ...	000	0	0	23	03	97	00	0	498	79	0	0	9	0	0	39	80
	Nushki * ...	000	0	0	29	04	97	02	0	542	83	0	0	9	0	0	41	85
	Dalbandin * ...	000	0	0	00	00	95	05	0	401	93	0	0	9	0	0	05	89
Kalat	Kalat * ...	000	0	0	03	03	96	02	0	439	69	0	0	9	0	0	44	75
	Khuzdar * ...	000	0	0	23	03	96	05	0	464	86	0	0	9	0	0	36	87
	Panjgur * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	000	3	6	09	02	98	01	4	113	78	5	7	5	7	0	74	78	—	—	93.4	—	87.2	—
	Cox's Bazar ...	001	9	5	00	00	97	02	2	099	84	3	5	4	0	8	77	75	0		79.5	—41.0	87.2	140
	Chittagong ...	000	0	5	00	00	96	02	1	109	84	3	4	4	6	0	77	77	+ 6	+ 1	54.3	—24.1	103.5	108
	Maijdee Court ...	000	0	2	00	00	97	03	0	111	87	2	2	5	2	0	79	77	0	0	113.8	+27.4	126.0	115
	Comilla ...	000	0	3	00	00	96	02	0	016	86	3	4	7	0	0	78	72	+ 4	— 4	115.8	+51.9	0.5	54
	Brahmanbaria ...	000	0	3	05	02	97	03	1	103	87	3	4	5	0	0	77	79	—	—	41.3	— 8.0	50.9	78
	Sylhet ...	000	0	3	09	03	96	02	2	095	83	3	5	4	2	0	77	75	—	—	116.1	—	144.1	—
	Srimangal ...	...	..	...	..	..	...	...	..	...	...	..	...	...	...	...	...	—	+ 2					58
Dacca	Mymensingh ...	003	0	0	00	00	97	00	1	104	84	0	0	9	0	8	77	75	— 2	+ 2	60.5	— 3.5	75.7	91
	Narayanganj ...	059	0	4	00	00	97	02	1	101	84	3	6	6	3	1	78	78	— 3	0	48.1	— 1.0	71.5	74
	Dacca (Tezgaon) ...	012	9	5	00	00	97	03	9	098	84	5	8	5	0	0	77	76	—	—	49.8	—	60.9	—
	Faridpur ...	000	0	3	11	02	97	01	1	095	87	3	4	5	1	0	81	81	— 1	+ 4	39.9	— 7.7	53.5	71
Khulna	Barisal ...	003	0	2	09	00	97	01	2	098	84	2	5	5	0	0	78	75	+ 1	— 2	52.0	— 5.0	62.0	81
	Khulna ...	030	0	2	00	00	97	03	0	//	86	2	2	4	0	0	78	78	+ 5	+ 2	63.6	+14.4	69.7	68
	Satkhira ...	009	0	3	00	00	97	01	1	008	84	2	4	9	1	0	//	77	0	+ 1	55.7	+ 8.0	60.9	65
	Jessore ...	064	0	3	25	03	97	03	0	099	82	3	4	4	0	0	78	77	—	—	51.0	+ 6.5	59.5	65
Rajshahi	Pabna ...	000	0	0	23	02	98	02	0	093	87	0	0	9	0	0	78	77	—	—	48.2	—	61.9	59
	Sirajganj ...	007	9	0	00	03	98	00	0	058	84	0	0	9	0	0	78	78	— 4	+ 1	42.8	— 2.8	55.5	64
	Rajshahi ...	000	0	3	00	00	96	03	1	102	84	3	4	5	0	0	77	78	0	+ 1	52.5	—	66.5	—
	Bogra ...	..	..	..	...	...	...	...	..	...	...	..	...	...	...	...	...	...	— 1					69
	Dinajpur ...	000	0	0	00	00	96	00	0	099	86	0	0	9	0	0	//	77	0	+ 1	71.5	+15.0	94.5	72
	Rangpur ...	000	0	3	07	02	96	03	0	087	84	2	2	6	1	0	78	75	— 1	— 1	65.6	+ 3.0	84.2	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	1	00	00	96	06	8	101	76	1	0	9	3	0	67	69	— 9	+ 4	13.4	—11.1	17.9	19
	Sialkot ...	000	0	0	00	00	97	00	0	092	75	0	0	9	0	0	69	51	+ 2	— 27	6.9	— 6.6	11.5	32
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	099	77	0	0	9	0	0	59	68	—	—	22.0	—	30.3	—
	Islamabad ...																							
	Rawalpindi ...	003	0	0	00	00	98	00	0	103	72	0	0	9	0	0	63	65	— 3	+ 3	18.6	— 4.9	28.7	36
	Campbellpur ...																							
Sargodha	Khushab ...	003	0	0	00	00	97	00	0	088	72	0	0	9	0	0	69	69	/	0	3.8	— 6.4	7.2	15
	Sargodha ...	80/	0	0	00	01	96	04	0	097	77	0	0	9	0	0	62	67	—	—	16.5	—	20.1	—
	Lyallpur ...	0.0	0	0	00	00	94	00	0	107	73	0	0	9	0	0	65	73	— 7	+ 6	4.7	— 4.5	7.6	13
Multan	Sahiwal ...																							10
	Multan ...	000	0	5	00	00	96	05	0	096	78	1	8	9	3	4	68	74	— 3	+ 4	8.0	+ 3.1	11.0	7
	Leiah ...	030	0	0	36	01	96	00	0	051	80	0	0	9	0	0	75	74	—	—	0.9	—	2.4	8
Bahawalpur	Khanpur ...	000	0	2	00	01	96	02	0	086	81	2	0	9	3	0	64	73		+ 4	2.0	— 4.6	1.1	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	102	69	0	0	9	0	0	65	73	0	+ 5	0.7	— 3.5	2.0	6
	Fort Abbas ...	000	0	0	03	00	98	00	0	039	81	0	0	9	0	0	64	75	—	—	0.7	—	0.8	8
Peshawar	Chakdra ...	000	0	0	05	03	98	02	0	102	65	0	0	9	0	0	50	60	—	—	7.2	—	16.6	—
	Peshawar ...	000	0	0	00	03	97	02	0	103	74	0	0	9	0	0	58	62	— 4	— 3	4.7	+ 0.2	13.4	11
	Haripur ...	000	0	0	05	03	98	00	0	106	64	0	0	9	0	0	56	60	—	—	8.2	—	18.5	—
D. I. Khan	Bannu ...	000	0	3	00	02	99	00	0	104	72	0	0	9	0	5	62	68	—	—	0.7	—	4.5	11
	D. I. Khan ...	000	0	0	60	00	96	00	0	107	78	0	0	9	0	0	72	72	— 9	+ 4	3.5	— 1.9	6.0	9
Quetta	Sibi ...	000	0	0	27	03	97	02	0	100	78	0	0	9	0	0	52	77	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	05	10	96	02	0	121	65	0	0	9	0	0	33	54	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	00	00	96	00	0	027	72	0	0	9	0	0	50	//	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	0	27	83	96	01	0	047	76	0	0	9	0	0	75	73	—	—	0.0	—	2.0	5
	Pasni ...	000	0	0	31	08	97	02	0	098	74	0	0	9	0	0	69	52	+ 5	— 17	0.0	— 0.9	0.0	6
Karachi division	Ormara ...																							6
	Lasbela ...	///	0	4	00	00	98	00	0	109	71	0	0	9	0	0	66	62	—	—	—	—	—	8
	Karachi (Manora) ...	000	0	0	00	00	96	02	0	084	77	0	0	9	0	0	71	74	— 7	— 3	1.0	— 5.0	1.1	8
	Karachi (Airport) ...	000	0	2	00	00	96	01	1	092	77	4	6	5	0	0	74	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker ...	000	0	0	18	02	97	02	0	151	79	0	0	9	0	0	79	78	—	—	—	—	—	—
	Chhor ...	...	..	..	...	...	...	...		...	...	...	...	...	..		...	...						7
	Hyderabad ...	000	0	0	00	03	96	05	0	094	73	0	0	9	0	8	73	76	— 3	+ 2	0.2	— 5.9	0.3	9
	Badin ...	000	0	8	23	02	96	03	0	077	78	0	0	9	0	8	74	77	— 3	+ 5	0.3	— 6.9	0.3	—
Khairpur	Padidan ...	000	0	0	05	05	95	05	0	099	79	0	0	9	0	0	72	75	—	—	0.8	—	0.8	—
	Nawabshah ...	000	0	0	00	00	96	02	0	096	79	0	0	9	0	0	72	73	—	—	1.1	—	1.1	4
	Sukkur ...	000	0	0	13	0.	96	01	0	082	78	0	0	9	0	0	71	76	—	—	0.1	—	0.1	—
	Kashmore ...	080	0	8	36	02	98	03	2	073	80	4	2	6	4	0	69	77	—	—	—	—	—	4
	Jacobabad ...	195	6	2	36	03	96	02	9	090	77	2	5	6	0	0	65	71	— 7	0	2.4	+ 0.2	8.7	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							
Kashmir	Srinagar * ...																							—
	Gulmarg ** ...																							71
	Sonamarg ** ...																							26
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ...	000	0	0	27	03	98	00	1	504	57	0	0	9	0	0	45	50	— 2	— 2	16.2	—19.7	33.9	18
Peshawar	Drosh * ...	...	...	...	...	...	...	...		...		..	...	..	..		...	...	+ 4					29
	Cheras * ...	000	0	0	00	00	98	00	0	496	66	0	0	9	0	0	51	//		/	3.1	— 9.0	13.4	—
	Kakul * ...	000	0	0	27	03	99	02	0	504	65	0	0	9	0	0	51	58	—	—	16.1	—	26.8	—
	Landikotal * ...	000	0	0	36	02	98	02	0	467	68	0	0	9	0	0	51	56		— /	2.1	—	2.6	29
	Prachinar * ...	008	0	0	13	02	98	02	0	515	63	0	0	9	0	0	49	56	/	+ 3	6.3	—	17.0	13
D.I. Khan	Miranshah * ...	003	0	0	05	05	99	00	0	496	68	0	0	9	0	0	50	62	—	—	0.5	— 4.2	2.0	11
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	—					11
Quetta	Fort Sandeman * ...	000	0	0	00	00	96	05	0	469	66	0	0	9	0	0	37	60	— 5	+ 1	2.2	— 2.9	4.5	—
	Hindubagh * ...	000	0	0	27	02	97	02	0	534	56	0	0	9	0	0	49	35	—	—	2.7	—	5.9	9
	Loralai * ...	000	0	0	28	02	98	00	0	395	55	0	0	9	0	0	45	46	—	—	0.6	—	0.6	—
	Barkhan * ...																							14
	Harnai * ...	000	0	0	00	00	96	02	0	506	74	0	0	9	0	0	54	//	—	/	0.9	— 3.6	5.6	9
	Samungli (Quetta) * ...	000	0	0	00	00	95	05	0	512	53	0	0	9	0	0	33	42	—	—	0.5	— 0.5	3.1	8
	Chaman * ...	000	0	0	09	02	97	00	0	469	60	0	0	9	0	0	37	60	— 8	+ 6	2.1	+ 1.9	4.8	—
	Nushki * ...	000	0	0	00	00	97	02	0	550	71	0	0	9	0	0	33	66	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	0	00	00	96	05	0	497	62	0	0	9	0	0	27	59	—	— 3	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	13	02	97	02	0	504	53	0	0	9	0	0	28	45	— 5	+ 2	0.9	— 0.3	2.2	—
	Khuzdar * ...	000	0	0	00	00	95	05	0	495	70	0	0	9	0	0	38	67	—	—	1.9	—	3.2	5
	Panjgur * ...																							—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 3rd OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Azayleridsau	99 2 43	10 5 83	02 0 03	01 3 04	98 0 20	10 0 29	00 9 00	34 7 06			05 7 26	13 1 85	30 1 01	
Dumra	99 2 48	10 6 18	02 0 63	10 0 00	98 0 20	10 9 27	14 5 00	13 2 04			05 3 25	...	30 0 00	
Dolabella	99 1 95	10 0 42	02 8 64	32 8 16	98 0 26	14 5 28	12 4 00	34 1 05			00 5 25	12 6 01	30 4 20	
Azayleridsau	99 2 32	10 5 96	02 0 63	00 2 04	98 0 20	12 5 31	00 9 00	34 2 25			00 1 26	12 9 65	30 1 01	
P/Gurdin	99 2 43	10 6 04	02 0 03	00 0 00	98 0 20	10 3 28	00 9 00	13 4 00			05 0 35	...	30 0 00	
Dumra	99 2 49	10 6 29	02 1 83	01 9 01	98 0 20	10 0 27	00 9 00	23 2 18			00 1 25	—	30 1 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	088 242 17	...	450 164 21	123 074 57	582 079 22	753 171 58	962 311 60	237 535 / /	417 673 / /	655 773 / /	...	...	...
Dacca ...	00 00	074 250 14	...	100 152 56	115 074 57	583 061 57	755 165 57	967 291 59	244 515 / /	425 649 / /	765 783 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 08	048 244 14	...	400 200 60	090 034 / /	571 211 / /	733 301 / /	932 401 / /	...	...	...	...	...	...
Multan ...	00 00	066 /// / /	—	500 210 50	134 184 40	579 315 / /	740 331 / /	927 411 / /	205 485 / /	...	...	...	...	...
Peshawar ...	00 00	075 /// / /	...	410 230 59	143 114 50	607 075 / /	776 185 / /	985 335 / /	250 481 / /	...	...	...	...	...
Quetta ...	00 00	819 150 61	...	/// /// //	080 009 / /	566 255 / /	723 393 / /	909 425 / /	175 537 / /	...	...	...	...	...
Sargodha ...	00 00	055 /// / /	—	400 224 60	183 070 56	585 105 / /	754 200 / /	962 325 / /	240 461 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										$P_mP_mP_m$ d_md_m $f_mf_mf_m$	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 192 19	820 130 43	600 010 36	350 233 59								
Dacca ...	00 00	900 194 44	800 136 57	600 010 58	350 223 58	895 401 59	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	—	...	...	...	...	...	...	...
Multan ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	900 260 59	...		...	...	...	...	...	...	...	...	...
Quetta ...	00 00	/// /// //	800 110 / /	600 087 / /	350 399 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	025 02	005 05	005 07	010 07	320 05	315 03	...	...	.	305 06	295 02	295 02	305 06	295 06	210 07
Chakla ...	...	...	...	...	...	...	...	...	...	.	060 01	335 02	335 03	335 06	...
Chhor ...	195 13	200 17	185 18	180 19	...	...	.	...	...	185 15	170 07	140 07	180 04	105 08	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	290 02	300 03	300 04	305 07	315 09	360 06	360 08			180 05	215 03	290 03	335 06	340 06	360 06
Dacca ...	360 02	310 03	230 03	245 04	250 06	285 09	295 08	280 05	280 06	265 02	220 01	336 04	300 04	300 05	
Dalbandin ...	...	...	055 01	005 04	355 09	030 09	335 14	325 26	310 34			050 03	090 13	290 04	320 07
D. I. Khan ...	025 12	035 15	040 14	075 15	090 15	105 15	170 20	230 25	255 25	040 04	160 03	040 06	030 06		
Drosh ...	...	...	...	225 10	210 09	195 08	280 03	290 05	320 07	...	...	...	285 01	225 04	185 04
Fort Sandeman ...	...	...	...	155 12	185 09	285 08	250 11	255 13	265 14	...	...	...	040 04	210 03	225 10
Jacobabad ...	...	...	...	...	...	...	...	...	...	360 08	015 19	035 10	070 10	085 07	...
Jessore ...	140 06	125 03	055 04	315 08	355 06	335 08	270 09	...	...	315 05	325 05	005 06	355 07	340 07	305 01
Jhelum ...	125 11	120 07	115 06	110 05	075 07	315 12	280 12	305 15	300 15	330 13	340 10	330 07	010 03	290 09	270 05
Jiwani ...	170 10	190 07	235 06	335 07	345 19	315 27	335 29	325 31	325 28	200 01	305 06	315 05	360 12	360 21	345 26
Karachi ...	270 07	290 03	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	045 09	050 11	050 10	090 09	095 05	010 04	105 02	325 10	295 09						
Lahore ...	090 06	100 09	095 12	125 09	175 06	235 06	320 08	275 13	265 19	055 07	055 07	045 09	285 06	275 09	285 09
Multan ...	360 13	360 15	020 13	020 12	075 15	085 06	115 07	025 07	320 04	005 06	055 08	005 09	350 07	305 02	075 07
Nawab Shah ...	040 05	020 05	360 04	035 03	100 10	220 04	...	...	...	360 05	360 07	050 05	050 07	070 07	050 06
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	070 04	115 10	116 02	215 06	275 08	305 12	325 10	260 09	...	320 12	305 07	145 03	145 05	200 03
Quetta ...	...	...	...	...	270 06	285 09	380 16	...	...						
Sargodha ...	...	...	...	...	...	...	...	...	...	115 01	045 04	335 04	360 04	320 06	280 09
Sylhet ...	285 10	280 09	280 07	285 04	260 03	255 03	...	...	...	140 03	140 03	...	...	...	—
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	320 05	360 04	360 04		...	...	...	...	...	...	...
Chakla ...	...	170 03	175 13	005 09	175 13	245 23	305 02	295 02	296 03	295 01	...
Chhor ...			...	...	...	...	...	...	...	...	...
Chittagong ...	260 03	320 03	320 03	355 04	010 05	335 06	180 05	...	...	...	...
Cox's Bazar ...	280 02	330 04	340 06	015 07				...	...	...	...
Dacca ...	015 / /	/// 04	/// /	015 05	015 10	005 08	275 03	250 01			
Dalbandin ...			080 07	125 07	220 06	350 09	325 13	340 21	335 26	335 27	200 52
D. I. Khan ...	180 02	255 03	325 04	235 05	260 05	265 03	250 07	280 03	165 02	220 15	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	260 02	260 03	335 06	340 06	025 03	195 07	295 17	310 05
Jacobabad ...	105 06	110 10	135 10	135 09	170 06	360 07	085 10	150 10	145 08	035 14	...
Jessore ...	050 02	045 06	020 04	005 07	...	...	...	...	...	...	...
Jhelum ...	040 02	030 04	010 06	350 04	095 02	030 03	220 10	280 15	285 19	295 15	260 23
Jiwani ...	145 03	090 09	090 13	070 15	015 14	345 24	345 17	335 24	330 28	325 29	330 28
Karachi ...	180 01	065 09	055 09	005 04	335 06	060 09	325 18	310 19	300 23	305 35	...
Khanpur ...	300 08	320 10	335 11	345 15	245 28	020 21	010 18	345 22	185 17	040 12	—
Lahore ...	055 04	085 02	065 03	305 09	255 05	065 05	310 06	340 07	305 04	250 15	...
Multan ...	035 03	045 05	055 07	110 06	110 04	330 03	145 03	095 03	350 04	275 05	...
Nawab Shah ...	050 04	050 08	025 11	050 09	080 03	110 05	300 19	265 23	250 22	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	100 04	360 04	345 03	270 03	250 04	285 09	250 10	250 24	215 25	230 06
Quetta ...					275 07	285 10	305 22	315 35	...	...	...
Sargodha ...	020 01	100 05	130 06	085 04	130 04	250 09	360 11	245 08	265 49	...	...
Sylhet ...	135 03	100 01	320 01	350 02	025 02	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	250 09	355 08	055 06	055 06	345 06	015 11	315 19	315 19	300 23	295 26	260 51	285 49	245 51	260 52	...	...	...	...
Peshawar ...	...	320 12	305 07	145 03	145 02	200 03	240 10	309 21	295 19	360 16	235 38	275 40	...	—	—	—	—	—
Quetta ...																		

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

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

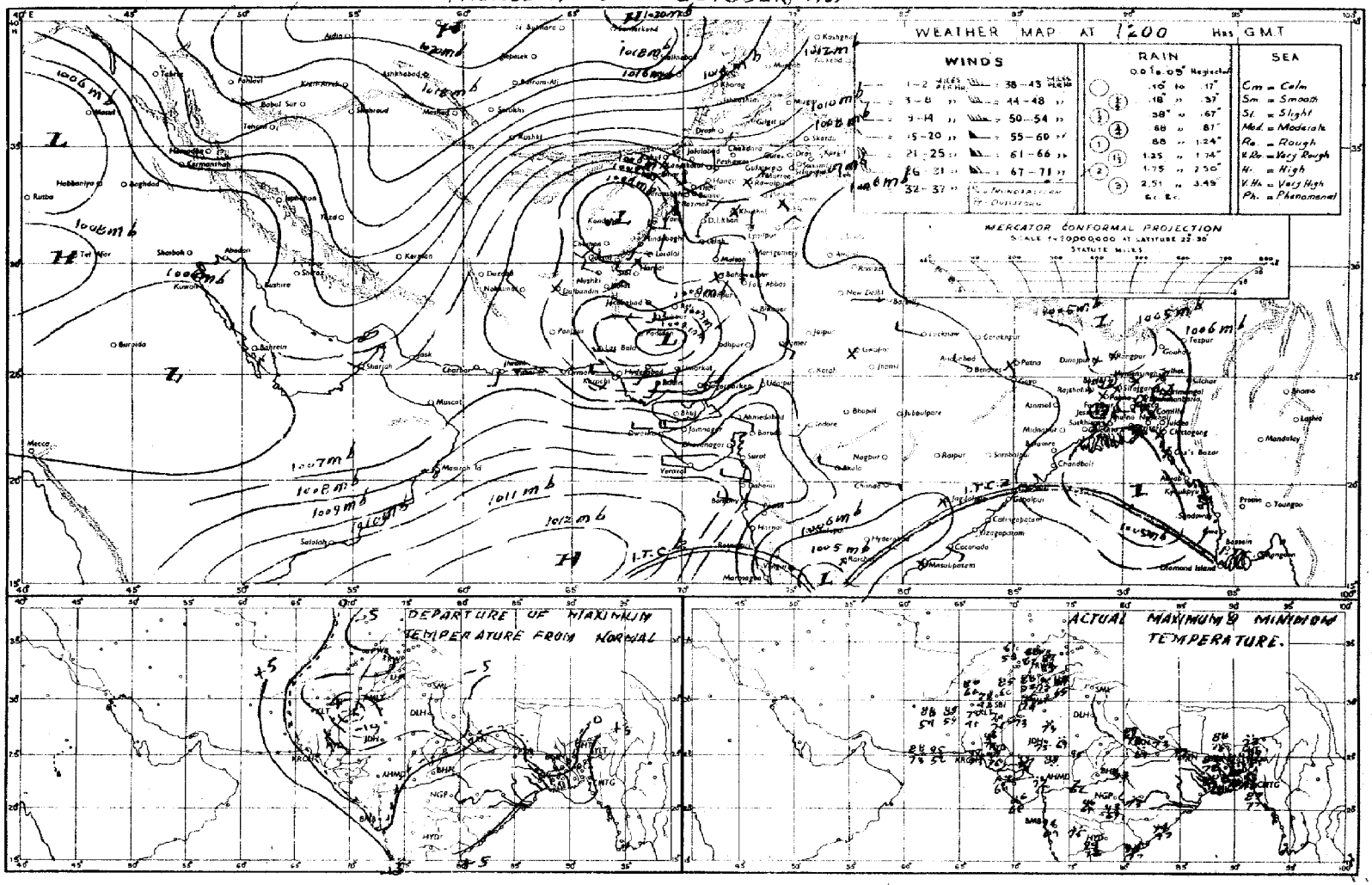
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

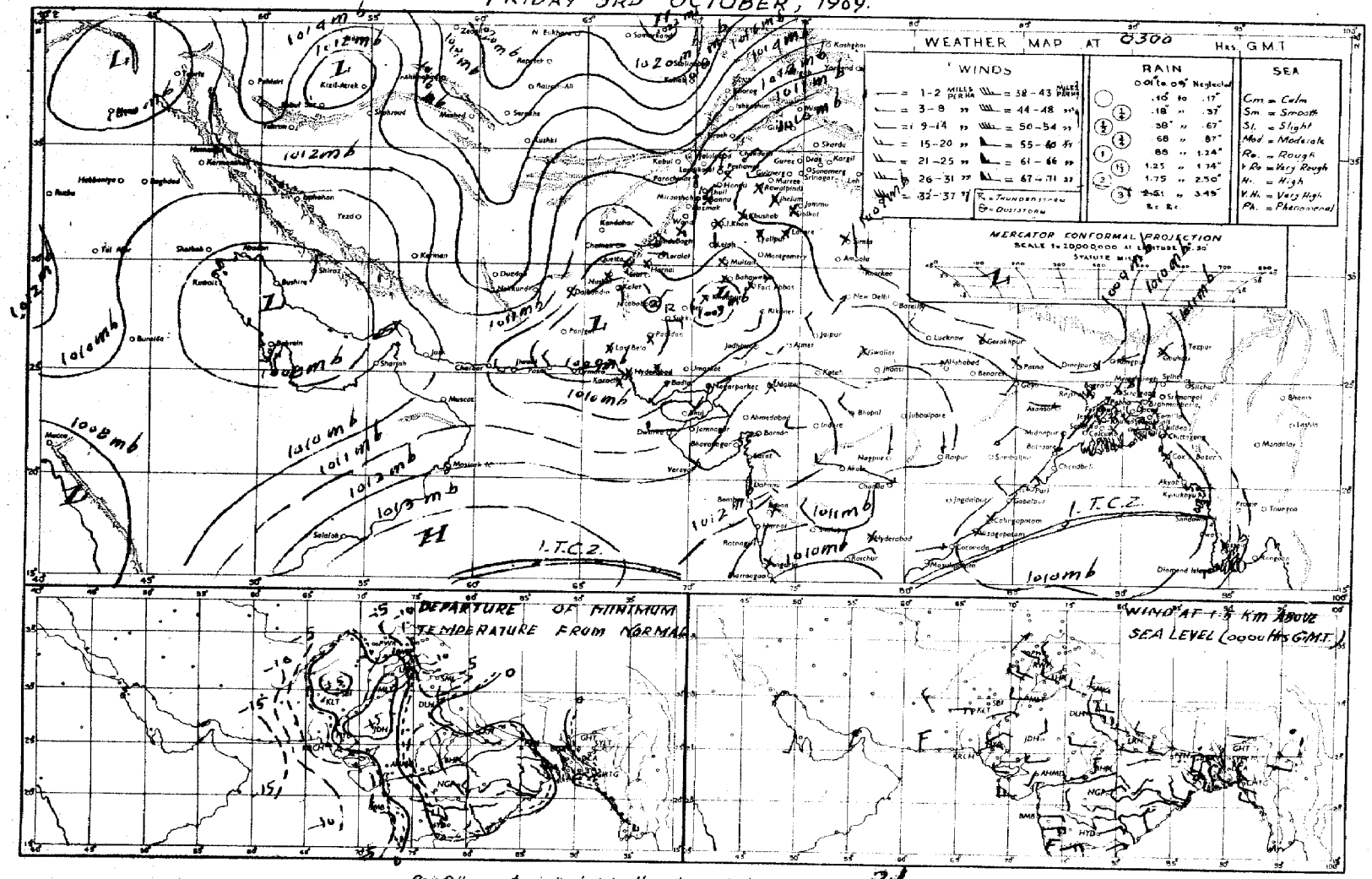
THURSDAY 2nd OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 3RD OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 4th OCTOBER 1969.

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

Yesterday's trough of low pressure over west Bengal and adjoining northwest Bay of Bengal has became unimportant. The seasonal low pressure area has developed central Bay of Bengal. The seasonal low over Quetta and Kalat divisions is less weakened. Rain/thundershowers have been local in Chittagong division and scattered in Rawalpindi and Peshawar divisions. A few thunderstroms have also been reported from Lahore, D. I. Khan and Quetta divisions.

Chief amounts of rainfall are: Cox's Bazar 1¾", Rangamati 3/4", Kakul ½", Rawalpindi and Maijdee Court (upto 000Z) ¼".

Day temperatures were 3—6 °F (2—3 °C) below normal in Lahore, Multan, Bahawalpur, D. I. Khan and Hyderabad divisions and 3—8 °F (2—4 °C) above normal in Chittagong Multan, Rajshahi and Kalat divisions.

Forecast valid until the evening of 5th October 1969 :— Thunderstorm/showers will be local in Chittagong division. A few thunderstorms are also likely elsewhere over East Pakistan. Weather will be dry over West Pakistan.

Karachi-11
The 4th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Height of Lowest Cloud † h	Medium Cloud from † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR	Past weather commenced at † 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 † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 Cents	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati **	000	0	5	27	03	97	01	1	071	82	4	6	6	7	/	77	93	084	9	7	25	02	97	21	9	115	75	6	2	5	7	1	75	//	—	/	94.3	—	88.1	—
	Cox's Bazar **	001	9	7	25	08	96	03	2	070	84	5	3	4	6	/	76	88	143	9	3	13	09	96	60	6	104	75	3	4	4	3	0	75	73	+ 1	— 2	—	—	—	140
	Chittagong **	000	0	5	27	03	96	03	1	071	84	2	3	5	0	2	76	84	008	3	7	09	07	96	02	9	108	75	3	4	4	2	0	75	73	+ 2	— 3	54.4	—24.3	153.6	108
	Maijdee Court **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	9	8	00	00	96	03	2	101	87	3	1	5	2	1	81	79	—	+ 2	113.8	+28.0	126.0	115
	Comilla **	000	0	0	00	00	96	02	0	060	88	0	0	9	0	0	76	93	000	0	0	00	00	96	02	0	106	86	0	0	9	0	0	79	77	+ 4	— 0	115.8	+51.6	101.5	94
	Brahmanbaria **	000	0	0	00	00	96	03	1	065	88	0	0	9	0	7	81	93	000	0	6	00	00	97	03	/	104	87	6	5	5	0	0	81	8.	—	—	41.3	— 2.4	51.0	78
	Sylhet **	000	0	3	00	00	//	01	2	062	84	3	5	5	0	/	//	90	000	0	2	00	00	96	01	4	101	90	0	0	9	3	1	77	73	—	—	116.1	—	144.1	—
	Srimangal **	000	0	0	00	00	94	00	0	070	86	0	0	9	0	0	79	93	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 2					98
Dacca	Mymensingh **	000	0	4	00	00	//	//	/	073	84	4	4	4	0	0	77	88	000	0	0	00	00	97	00	0	111	//	0	0	9	0	0	//	79	+ 1	+ 2	69.5	— 3.7	75.7	91
	Narayanganj **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	3	36	02	97	02	1	104	97	2	0	6	3	1	79	81	—	+ 3	48.1	— 1.2	71.5	74
	Dacca (Tejgaon) **	012	0	2	05	02	97	01	0	066	86	/	2	5	4	0	77	90	000	0	3	00	00	97	03	0	104	84	0	0	9	0	1	79	79	—	—	49.8	—	61.0	—
	Faridpur **	000	0	1	01	02	97	01	1	063	88	1	4	6	0	0	77	90	000	0	2	00	00	97	01	0	099	87	2	0	9	0	8	77	79	+ 2	+ 2	39.8	— 8.0	53.5	71
Khulna	Barisal **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	6	09	02	97	02	2	101	84	2	5	4	1	7	79	81	—	+ 4	52.0	— 5.3	62.0	81
	Khulna **	000	0	2	00	00	97	03	0	///	//	2	2	4	2	0	79	93	000	0	2	00	00	97	03	0	089	87	0	2	4	0	0	81	81	+ 5	+ 5	63.6	+14.2	69.7	68
	Satkhira **	000	0	2	00	00	97	01	2	067	86	2	2	0	1	1	84	93	000	0	2	05	01	97	01	4	125	82	0	0	9	0	2	79	77	+ 4	+ 1	59.6	— 8.7	61.0	65
	Jessore **	000	0	3	06	00	97	02	0	067	90	3	4	4	0	0	79	93	000	0	0	03	04	98	02	0	110	86	0	0	9	0	0	73	79	—	—	51.0	+ 6.4	59.5	65
Rajshahi	Pabna **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	8	31	05	99	02	0	107	85	0	0	9	0	0	77	77	—	—	48.2	—	62.0	59
	Sirajganj **	000	0	0	31	01	97	00	0	064	86	0	0	9	0	0	77	90	000	0	0	00	00	98	00	0	107	84	0	0	9	0	0	79	79	+ 6	+ 2	42.8	— 3.0	55.5	64
	Rajshahi **	000	0	0	36	02	96	00	1	071	79	0	0	9	0	0	79	92	000	0	0	00	00	96	02	0	115	82	0	0	9	0	0	71	79	+ 3	+ 2	52.5	—	66.5	—
	Bogra **	040	0	0	00	00	06	03	0	066	84	0	0	9	0	0	79	90	000	0	1	08	00	96	02	0	106	84	1	4	4	0	0	77	77	+ /	0	—	—	—	69
	Dinajpur **	000	0	0	00	00	94	00	0	064	88	0	0	9	0	0	76	90	000	2	3	00	00	96	01	1	110	86	3	0	9	4	/	75	77	+ 1	+ 1	72.0	+15.0	94.5	72
	Rangpur **	000	0	0	00	00	97	02	0	067	86	0	0	9	0	0	77	90	000	0	1	00	03	96	01	0	086	82	0	0	9	0	0	77	75	+ 1	— 1	65.6	+ 2.7	84.2	84
Kashmir	Jammu **																																								—
Lahore	Lahore (Jail Rd.) **	000	2	3	18	02	95	29	9	079	90	1	2	6	7	0	67	94	000	0	0	00	00	95	06	0	119	77	0	0	9	0	0	64	73	— 4	+ 8	13.4	— 1.1	17.8	19
	Sialkot **																																								32
Rawalpindi	Jhelum **	000	0	1	00	00	97	02	0	078	90	5	2	7	0	0	67	95	000	0	1	00	00	97	02	0	116	69	0	0	9	/	/	60	68	—	—	22.0	—	30.3	—
	Islamabad **																																								—
	Rawalpindi **	000	0	1	00	00	98	00	0	070	84	1	1	8	0	0	70	//	000	0	0	05	02	98	00	0	122	73	0	0	9	0	0	54	69	—	+ 7	18.6	— 5.0	28.7	34
	Campbellpur **																																								—
Sargodha	Khushab **	000	0	0	07	//	95	06	0	070	86	0	0	9	0	0	81	97	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					15
	Sargodha **	000	0	1	09	03	97	02	0	074	90	1	1	6	0	0	67	94	000	0	0	09	05	96	06	0	116	79	0	0	9	0	0	65	73	—	—	16.5	—	20.1	—
	Lyallpur **	000	0	5	00	00	96	03	0	076	90	5	4	8	0	0	70	95	000	0	0	00	00	96	00	0	102	75	0	0	9	0	0	68	73	— 1	+ 6	4.6	— 4.5	7.6	12
Multan	Sahiwal **																																								18
	Multan **	000	0	3	00	00	96	06	0	074	90	0	0	9	0	4	68	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					7
	Lailah **	000	0	0	36	02	94	08	0	035	97	0	0	9	0	8	68	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur **	000	0	0	23	09	94	06	3	065	86	3	5	6	2	0	59	94	000	0	0	00	00	96	05	0	112	81	0	0	9	0	0	64	68	— 5	— 1	0.2	— 4.6	1.1	6
	Bahawalpur **	000	0	0	00	00	96	00	0	048	94	0	0	7	9	9	67	96	000	0	0	00	00	96	00	0	120	82	0	0	9	0	0	68	73	— 1	+ 5	0.7	— 3.5	2.0	6
	Fort Abbas **	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	///	/	0	23	02	98	00	0	039	81	0	0	9	0	0	65	//	—	/	0.7	—	0.8	8
Peshawar	Chakdra **	000	0	2	05	03	98	02	0	007	84	0	0	0	0	0	59	86	002	0	1	05	03	98	01	0	125	65	0	0	9	0	9	75	60	—	—	7.2	—	16.6	—
	Peshawar **	000	0	3	02	12	97	03	0	067	90	1	9	6	0	1	56	93	000	0	0	00	00	96	04	6	141	69	0	0	9	0	0	59	64	+ 1	— 1	4.7	+ 0.3	13.4	11
	Haripur **	000	0	0	10	02	98	00	0	078	81	0	0	9	0	0	67	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
D. I. Khan	Bannu **	000	0	7	31	02	99	03	0	069	90	5	2	7	0	8	67	90	000	0	0	27	02	99	00	0	130	11	0	0	9	0	0	60	64	—	—	0.6	—	4.5	11
	D. I. Khan **	000	0	0	00	00	98	00	0	075	//	0	0	9	0	0	70	90	000	0	0	80	00	96	02	4	124	75	/	/	/	/	/	62	73	— 7	+ 5	3.5	— 2.0	6.0	9
Quetta	Sibi **	000	0	0	27	03	97	02	0	069	98	0	0	9	0	0	62	99	000	0	0	18	03	97	02	0	119	78	0	0	9	0	0	52	77	—	—	0.2	—	0.2	5
	Nokkundi **	000	0	0	31	03	96	02	0	067	91	0	0	9	0	0	32	93	000	0	0	36	05	96	02	0	134	67	0	0	9	0	0	29	52	—	—	0.0	—	0.3	2
Kalat	Turbat **	000	0	0	09	02	96	00	0	094	02	0	0	9	0	0	93	02	000	0	0	09	02	96	00	0	974	72	0	0	9	0	0	32	//	—	/	0.0	—	0.0	—
	Jiwani **	000	0	0	10	09	96	02	0	086	84	0	0	9	0	0	75	89	000	0	0	00	00	96	42	4	115	74	0	0	9	0	0	73	71	—	—	0.0	—	2.0	5
	Pasni **	000	0	0	25	12	97	02	0	74	88	0	0	0	0	0	75	90	000	0	0	25	12	95	04	7	139	74	0	0	0	0	0	74	53	—	— 16	0.0	— 0.8	0.0	6
Karachi division	Ormara **																																								6
	Lasbela **																																								8
	Karachi (Manora) **	000	0	1	23	07	96	03	0	082	83	1	6	9	0	0	73	86	000	0	0	27	03	96	02	0	120	78	0	0	9	0	0	74	76	— 1	— 1	1.0	— 4.7	1.1	9
	Karachi (Airport) **	000	0	4	23	05	96	05	0	078	87	4	5	5	0	0	71	87	000	0	0	27	02	96	06	0	120	78	0	0	9	0	0	72	76	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker **	000	0	0	05	02	97	02	0	090	89	0	0	0	0	0	89	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor **																																								7
	Hyderabad **	000	0	6	05	02	96	05	2	076	91	3	0	9	3	1	67	94	000	0	0	00	00	96	10	0	123	77	0	0	9	0	8	74	76	— 6	+ 2	0.2	— 5.8	0.3	9
	Badin **	000	0	0	23	04	97	02	0	071	90	0	0	9	0	0	73	92	090	0	0	00	00	97	02	0	097	77	0	0	9	0	0	70	76	— 4	+ 4	0.3	— 6.8	0.3	—
Khairpur	Padidan **	000	0	3	13	09	95	05	0	076	91	3	4	7	0	0	64	96	000	0	0	13	03	96	02	0	119	09	0	0	9	0	0	67	73	—	—	0.8	—	0.8	4
	Nawabshah **	000	0	5	45	17	95	06	0	083	94	5	6	9	0	0	69	97	000	0	0	00	00	96	02	0	123	79	0	0	9	0	0	70	73	—	—	1.1	—	1.1	—
	Sukkur **	000	0	0	16	05	96	02	0	054	93	0	0	9	0	0	74	99	000	0	0	23	03	96	02	0	111	80	0	0	9	0	0	71	76	—	—	0.1	—	0.1	—
	Kashmore **	000	0	0	05	02	94	02	2	043	95	0	0	9	0	0	70	97	000	0	4	00	00	96	02	0	073	79	0	0	9	0	4	70	00	—	—	—	—	0.0	4
	Jacobabad **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	02	96	02	0	116	79	0	0	9	0	0	68	76	—	+ 5	2.4	+ 0.2	8.7	20
Junagadh	Veraval **																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * **																																								71
	Gulmarg ** **																																								26
	Sonamarg ** **																																								—
	Dras ** **																																								3
	Leh ** **																																								6
	Skardu * **																																								—
	Misgar ** **																																								—
	Alisbad ** **																																								5
	Gilgit * **																																								59
Rawalpindi	Murree * **	000	0	0	20	05	98	01	1	505	61	3	1	4	0	0	52	70	025	2	2	36	05	98	01	9	524	58	0	0	9	0	0	45	45	+ 1	— 7	16.5	—19.5	34.2	18
Peshawar	Drosh * **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	2	00	00	98	01	1	536	60	2	4	7	0	0	43	60	—	+ 2	3.1	—	14.3	29
	Chorat * **	000	0	2	36	04	98	01	0	502	76	2	4	8	0	1	52	81	000	0	0	00	00	//	00	1	502	62	0	0	9	0	0	54	//	—	/	3.1	— 9.0	13.4	—
	Kakul * **	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	051	7	3	30	19	98	02	0	531	64	3	2	5	0	0	47	54	16.6	—	16.6	—	27.3	—
	Landikotal * **	000	0	6	36	//	//	/	1	389	77	6	7	6	/	/	61	82	000	0	0	36	02	98	02	0	316	69	0	0	9	0	0	54	62	—	—	2.2	—	2.6	29
	Prachinar * **	...	..	..	..	..	..	..	..	..	..	—	—	..	..	..	..	..	008	0	0	00	03	98	02	0	533	60	0	0	9	0	0	43	54	—	+ 1	6.3	—	17.0	13
D.I. Khan	Miranshah * **	000	0	8	05	05	99	03	0	408	//	8	0	9	0	0	67	84	000	0	0	05	05	99	00	0	495	69	0	0	9	0	0	49	65	—	—	0.5	— 3.2	2.0	11
	Wana * **	000	0	7	05	08	98	03	9	480	67	7	2	7	0	8	49	83	000	0	0	00	00	99	00	0	508	62	0	0	9	0	0	59	56	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman * **	000	0	3	12	02	96	05	0	476	80	3	4	7	3	0	37	38	000	0	0	00	00	97	01	9	517	64	0	0	9	0	0	46	58	+ 3	—	2.2	— 2.8	6.5	—
	Hindubagh * **	000	0	0	23	03	96	02	0	479	76	0	0	9	0	0	53	77	000	0	0	27	02	97	02	0	482	60	0	0	9	0	0	46	48	—	—	2.7	—	6.0	9
	Loralai * **	000	0	6	18	02	98	01	0	390	75	0	1	8	0	6	45	81	000	0	0	27	02	98	00	0	395	55	0	0	9	0	0	40	47	—	—	0.6	—	0.6	—
	Barkhan * **																																								14
	Harnai * **	000	0	0	00	00	96	02	6	547	72	0	0	0	0	0	55	88	000	0	0	00	00	96	02	0	524	69	0	0	0	0	0	51	//	—	/	4.0	— 3.6	5.6	9
	Samungli (Quetta) * **	000	0	2	31	05	96	05	0	493	77	2	2	7	0	0	35	82	000	0	0	00	00	96	02	0	524	50	0	0	9	0	0	23	38	—	—	0.5	— 0.5	3.1	8
	Chaman * **	000	0	0	23	03	97	00	0	501	81	0	0	9	0	0	42	83	000	0	0	09	03	97	00	0	530	68	7	0	9	0	0	93	58	— 5	+ 4	2.1	+ 2.0	4.8	—
	Nushki * **	000	0	0	36	03	97	02	0	552	85	0	0	9	0	0	45	86	000	0	0	00	00	97	02	0	558	70	0	0	9	0	0	31	65	—	—	0.5	—	2.6	4
	Dalbandin * **	000	0	0	00	00	96	05	0	507	88	0	0	9	0	0	28	92	000	0	0	00	00	96	02	0	519	64	0	0	9	0	0	31	55	—	—	0.0	— 0.2	0.5	7
Kalat	Kalat * **	000	0	0	21	02	96	02	0	481	70	0	0	9	0	0	21	76	000	0	0	10	02	97	02	0	527	54	0	0	9	0	0	30	44	— 3	+ 1	0.8	— 0.4	2.2	—
	Khuzdar * **	000	0	1	13	03	95	05	0	485	80	1	1	8	0	0	45	85	...	...	...	...	...	...	..	..	...	...	..	...	...	...	...	..	...	—					5
	Panjgur * **																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_RR_R	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_wT$	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	96 1 03	10 6 14	03 1 83	07 6 07	98 0 23	09 5 25	00 9 00	53 1 04			00 2 //	...	30 3 02	28 1 02
Dumra	99 2 48	10 6 44	03 2 43	02 8 21	08 0 20	07 5 26	00 9 01	23 6 26			00 0 24	...	30 2 02	10 7 03
Dwarka	99 2 48	10 6 30	03 0 63	12 8 10	98 0 20	10 6 26	63 3 22	...			00 3 //	...	30 3 02	28 1 03
Dumra	99 2 48	10 6 63	03 0 63	02 2 07	98 0 20	11 1 25	00 9 00	23 2 10			05 1 23	...	30 2 01	21 7 02
Kemla	99 2 05	10 6 32	03 4 83	23 1 09	98 0 20	12 0 26	22 4 00	...			07 / 22	12 8 30	30 2 02	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPo o ToToTo DoDo)	1000 mb (hhh TTT$_a$ DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 277 14	...	448 188 37	136 052 50	580 139 57	745 293 33	943 495 //	...	...	...	...	...	...
Dacca ...	00 00	008 260 14	...	430 176 56	123 076 57	584 051 57	756 167 51	967 307 58	243 527 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 09	084 300 61	...	500 160 59	/// /// //	573 151 //	738 231 //	945 235 //	220 471 //	...	...	...	...	...
Multan ...	00 00	997 235 35	...	550 244 63	135 104 62	594 135 //	752 261 //	951 415 //	...	...	...	...	...	...
Peshawar ...	00 00	971 180 43	...	500 190 57	130 080 85	581 103 //	759 215 //	956 353 //	229 441 //	...	...	...	...	...
Quetta ...	00 00	823 120 62	...	...	129 056 //	579 117 //	745 235 //	019 309 52	225 491 //	...	...	...	...	...
Sargodha ...	00 00	948 444 57	...	603 210 50	224 074 /9	591 101 //	757 221 //	966 325 //	244 431 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_a$ DD								Max. Wind Speed PmPmPm dndn fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	TROPOPAUSE dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 26	800 152 56	600 029 50	350 381 37	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 210 50	800 136 57	600 010 57	350 235 58	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 122 //	600 031 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA

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
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	295 09	300 09	/// //	245 04	290 06	230 07	245 22	...	...	245 07	035 07	020 05	345 05	270 06	235 04
Chaklala ...	...	215 05	045 02	15/ 04	200 05	260 05	290 //	295 00	290 09	...	075 13	045 11	040 50	225 05	140 09
Chhor ...	...	...	...	...	...	...	...	...	...	250 15	245 07	180 10	170 05	035 13	350 16
Chittagong ...	365 13	315 11	315 13	315 11	350 09	360 13	025 08	550 5/	035 02	...	...	...	...	...	...
Cox's Bazar ...	290 07	290 08	290 08	320 08	335 07	380 08	...	...	...	No	Ascent	...	...	...	...
Dacca ...	310 04	345 05	345 07	360 09	360 10	330 09	290 08	275 10	250 13	...	...	...	...	...	...
Dalbandin ...	...	...	280 02	260 09	295 05	330 08	015 07	340 13	340 18	...	...	070 10	085 20	105 10	135 08
D. I. Khan ...	160 06	140 06	140 07	140 08	150 12	195 06	255 11	275 08	309 09	353 04	005 06	010 51	...	...	...
Drosh ...	...	...	...	225 08	285 08	200 08	...	...	...	...	...	...	240 01	200 02	170 01
Fort Sandeman ...	...	...	...	225 03	180 03	245 05	270 09	330 09	310 14	...	...	...	200 03	220 11	293 14
Jacobabad ...	220 03	145 03	140 04	165 03	195 03	265 05	360 07	315 16	335 12	185 09	195 10	150 04	190 03	240 03	070 10
Jessore ...	350 04	350 04	340 05	345 06	320 07	280 10	...	...	...	015 08	005 12	360 15	325 09	290 04	260 07
Jhelum ...	215 02	205 04	175 03	155 07	145 05	255 06	320 14	305 10	295 14	340 10	320 17	310 06	330 04	255 02	240 03
Jiwani ...	180 07	090 09	060 03	010 08	360 16	350 25	350 17	345 25	350 19	085 03	105 03	090 04	055 03	051 03	350 11
Karachi ...	225 06	235 01	065 07	035 09	040 11	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	335 00	315 04	/// //	200 04	290 10	270 26
Lahore ...	120 02	250 03	260 01	065 03	020 04	160 04	...	...	...	080 04	010 04	035 04	330 06	255 06	260 06
Multan ...	025 06	060 06	085 06	130 50	180 02	075 05	025 04	005 08	325 10	050 04	035 03	120 01	325 94	035 04	355 07
Nawab Shah ...	075 15	095 10	105 09	031 85	...	180 05	...	...	...	260 03	275 03	355 03	030 09	060 09	085 11
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	075 06	095 06	180 09	180 09	...	...	...	...	...	275 05	145 08	105 15	135 11	600 16
Quetta ...	...	...	...	...	280 19	210 05	290 03	330 15	31/ 52	...	...	...	...	...	...
Sargodha ...	125 05	130 04	135 05	161 07	215 04	310 06	320 11	305 08	285 11	106 06	285 02	300 03	320 07	345 07	350 11
Sylhet ...	290 03	290 07	290 05	020 00	020 03	345 01	...	...	...	290 04	290 07	215 05	180 02	155 02	045 02
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Heights in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	340 07	355 07	355 07	...	115 05	...	...	...	...	...	...
Chaklala ...	...	240 07	265 05	285 03	295 05	320 04	315 17	351 4/	330 13	...	...
Chhor ...	155 01	195 03	068 04	064 08	035 09	055 08	335 13	315 23	...	...	...
Chittagong ...	080 01	055 06	050 08	085 08	080 14	045 11	100 02	245 04	330 06	...	...
Cox's Bazar ...	255 06	100 06	010 03	270 07	...	...	...	...	...	...	...
Dacca ...	345 50	100 06	015 06	/20 02	040 07	250 10	225 11	...	...	...	...
Dalbandin ...	...	...	080 10	110 09	130 06	150 02	360 15	355 17	350 16	...	...
D. I. Khan ...	080 03	275 01	360 01	245 03	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	230 54	255 06	310 11	295 07	040 01	120 09	...	...
Jacobabad ...	355 07	340 07	280 4/	285 03	260 04	105 05	035 09	010 13	075 //	...	...
Jessore ...	010 02	050 04	050 06	035 08	020 04	300 06	230 08	240 12	030 09	...	...
Jhelum ...	330 04	320 06	320 07	335 11	320 08	285 06	320 19	315 19	365 17	...	...
Jiwani ...	085 05	065 07	065 07	075 09	010 09	030 10	035 12	335 15	340 19	...	...
Karachi ...	295 03	040 05	050 08	050 12	040 14	030 16	090 11	010 24	360 18	...	...
Khanpur ...	130 04	105 07	075 07	060 05	022 09	130 04	355 16	015 21	085 23	...	...
Lahore ...	340 03	320 03	300 05	320 07	305 07	300 08	285 08	025 09	280 10	...	...
Multan ...	120 02	170 03	150 07	190 08	191 06	350 06	241 3/	320 13	350 12	...	...
Nawab Shah ...	115 06	025 06	030 06	360 03	055 11	045 10	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	.	140 04	135 01	060 02	270 6/	285 07	325 01	345 20	330 24	...	...
Quetta ...	...	...	...	...	110 04	235 05	260 15	275 17	280 24	...	...
Sargodha ...	095 07	120 04	215 07	275 06	310 06	305 14	330 17	340 12	295 19	...	...
Sylhet ...	120 04	105 06	080 6/	070 11	075 11	042 17	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	345 04	345 05	345 05		345 03		215 00	...	185 11	...	...	...	...	...	...	...	...	...
Peshawar ...	235 05	230 06	303 07	300 10	015 13	015 16	020 20	345 17	345 20	...	...	...	...	...	...	...	...	...
Quetta ...																		

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

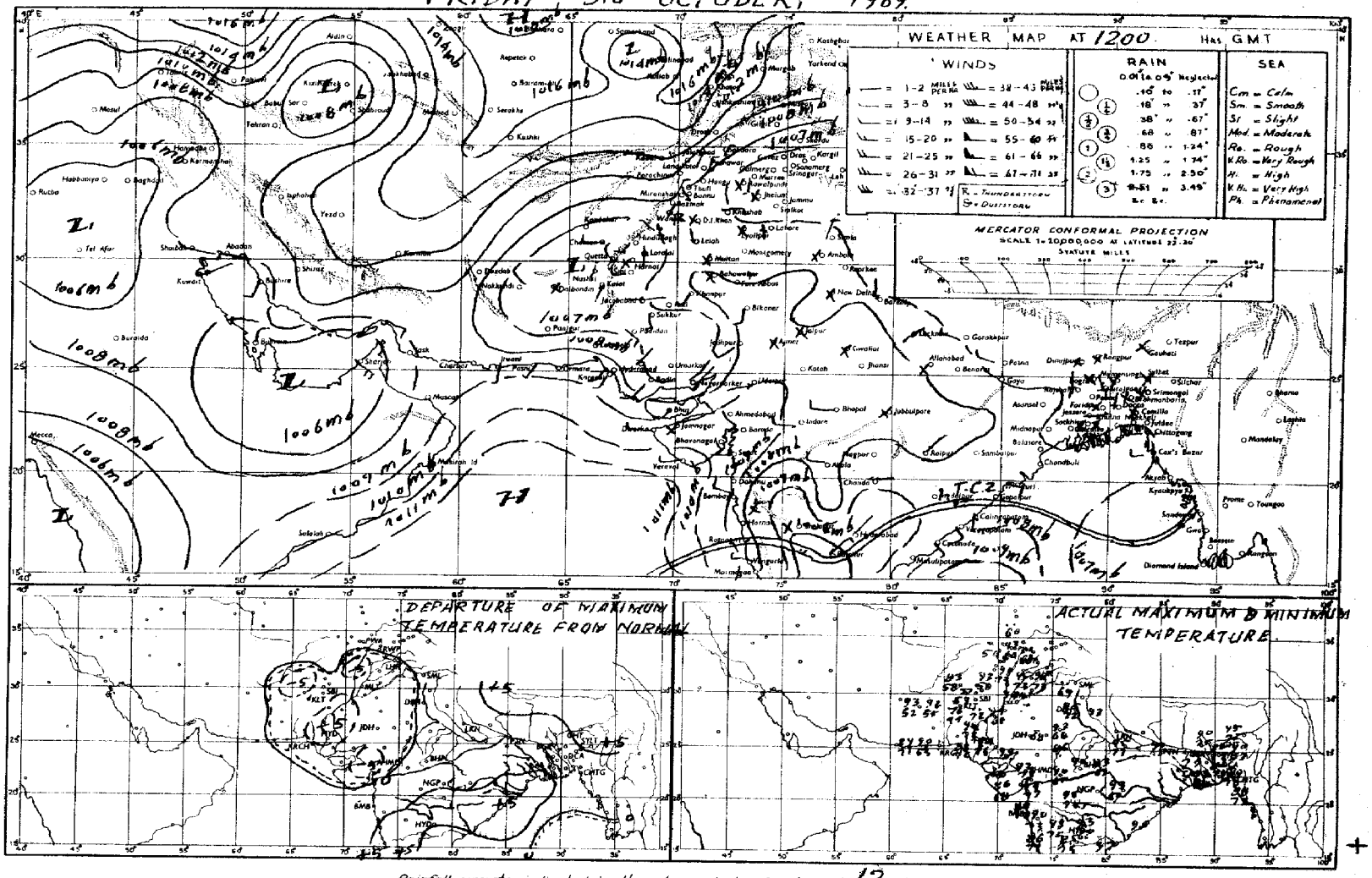
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

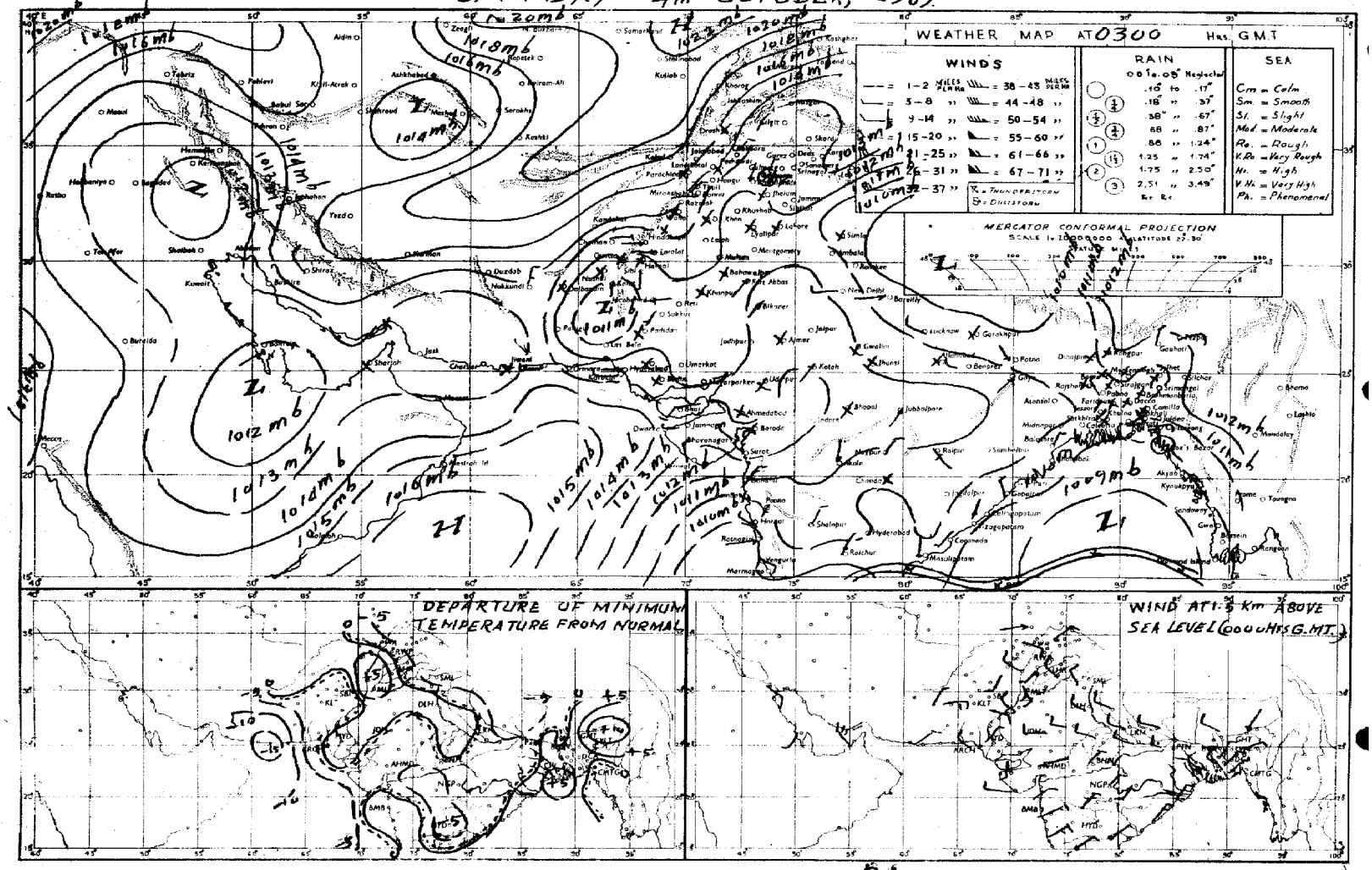
FRIDAY 3rd OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 4th OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 5th OCTOBER 1969.

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

The low pressure area over central Bay of Bengal persists. A westerly low pressure wave is moving across north Peshawar division. The seasonal trough of low pressure extends from Quetta division to D. I. Khan division and is becoming well marked.

Dry weather prevailed over the country.

Day temperatures were 6–9 °F (3—5 °C) above normal in Rajshahi division and 3—5 °F (2—3 °C) so elsewhere in east Pakistan and D. I. Khan division and were 3—6 °F (2—5 °C) below normal in Lahore, Peshawar, Quetta, Kalat, Karachi, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 6th October 1969 :— Local rain/thundershowers are likely to occure in Chittagong and Dacca divisions. Scattered thunderstorm/showers are also likely elsewhere in east Pakistan and D. I. Khan, Sargodha, Peshawar and Rawalpindi divisions. Weather will remain dry elsewhere in west Pakistan.

Karachi-11
The 5th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati **	000	01	4	13	02	98	87	7	082	84	3	8	6	4	0	76	88	000	0	5	13	02	98	03	1	124	81	3	4	6	7	0	79	77	—	—	94.3	—	88.1	—
	Cox's Bazar	000	8	6	27	05	96	03	2	075	82	3	5	4	8	2	76	84	000	0	5	09	05	97	01	2	114	86	3	5	4	3	0	77	75	— 3	— 0	—	—	—	140
	Chittagong	000	0	6	00	00	//	02	2	074	84	4	3	5	3	1	76	88	000	0	7	31	02	96	02	2	119	82	4	3	4	3	0	79	75	+ 1	— 1	54.4	—24.5	103.6	108
	Maijdee Court	000	9	6	00	00	96	03	2	071	88	/	/	/	/	/	70	90	000	8	8	00	00	96	03	2	111	84	3	5	5	2	1	79	79	+ 3	+ 2	113.8	+27.7	136.0	115
	Comilla	000	9	2	00	00	96	02	1	071	88	2	4	7	0	0	81	90	000	0	3	18	05	96	02	0	347	00	3	4	7	0	0	77	77	+ 1	+ 1	115.8	+51.3	101.5	64
	Brahmanbaria	000	0	2	27	03	96	03	1	067	88	2	5	5	0	0	82	94	000	0	4	05	00	97	03	1	096	81	4	5	5	0	0	79	//	—	/	41.3	— 8.8	51.0	78
	Sylhet	000	8	4	00	00	96	02	2	065	86	2	5	4	0	2	76	94	000	0	7	09	05	96	03	2	115	77	3	3	9	2	1	75	75	—	—	116.1	—	144.1	—
	Srimangal	000	0	4	00	00	95	02	0	070	86	0	0	9	7	2	70	93	000	0	6	00	00	96	02	2	///	//	3	4	5	2	2	77	75	+ 2	— 1	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	076	88	0	0	9	0	0	77	93	000	0	2	00	00	97	01	0	120	86	2	4	6	0	0	77	79	+ 5	+ 2	60.5	— 3.8	75.7	91
	Narayanganj	000	0	5	00	00	98	02	2	071	88	5	6	6	0	0	79	90	000	0	2	31	02	97	01	1	115	84	0	0	7	3	1	75	79	+ 1	+ 1	48.1	— 1.4	71.5	74
	Dacca (Tejgaon)	000	0	6	00	00	99	02	2	070	86	1	1	5	0	4	77	90	000	0	2	36	05	97	02	2	110	84	1	0	9	4	1	75	79	—	—	49.8	—	61.0	—
	Faridpur	000	0	2	02	02	97	00	0	064	86	0	0	9	0	1	77	90	000	0	2	00	00	97	01	0	116	86	2	0	9	0	0	77	79	+ 2	+ 2	39.8	— 8.1	53.5	71
Khulna	Barisal	000	0	6	00	00	96	02	2	071	84	4	4	4	0	1	79	90	000	0	7	00	00	96	2	2	117	82	2	0	9	2	2	79	79	+ 3	+ 2	52.0	— 5.5	62.0	81
	Khulna	000	0	2	00	00	97	03	0	052	81	2	7	4	2	0	79	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 5					69
	Satkhira	000	0	0	00	00	97	00	0	074	86	0	0	0	0	0	84	93	000	0	4	27	09	97	01	1	114	87	2	2	5	—	1	73	79	+ 4	+ 3	55.6	— 8.8	61.0	65
	Jessore	000	0	5	00	00	97	02	2	072	88	0	0	9	0	6	77	93	000	0	2	05	05	97	02	2	115	89	2	0	9	3	1	77	79	—	—	51.0	+ 5.8	59.5	65
Rajshahi	Pabna	000	0	0	31	02	97	02	0	077	86	0	0	9	0	0	77	93	000	0	0	36	02	99	02	0	110	84	0	0	9	0	0	77	79	—	—	48.2	—	62.0	59
	Sirajganj	000	0	0	00	00	97	00	0	071	86	0	0	9	0	0	77	93	000	0	0	36	01	98	00	0	///	82	0	0	9	0	0	77	77	+ 5	0	42.8	— 3.0	55.5	64
	Rajshahi	000	0	0	31	02	96	02	0	077	86	0	0	9	0	0	77	90	000	0	0	31	03	97	02	0	119	84	0	0	9	0	0	75	77	+ 1	0	52.5	—	66.5	—
	Bogra	000	0	0	00	00	96	02	0	076	84	0	0	9	0	0	79	98	000	0	0	31	05	96	02	0	113	84	0	0	9	0	0	65	77	+ 9	—	—	—	—	69
	Dinajpur	000	0	0	00	00	96	00	0	067	88	0	0	9	0	0	77	93	000	0	0	00	00	96	00	0	119	87	0	0	9	0	0	73	75	+ 4	— 1	71.5	+14.6	94.5	72
	Rangpur	000	0	1	00	00	//	02	0	064	84	/	0	9	1	0	77	88	000	0	1	05	02	96	01	0	115	84	1	0	9	1	0	75	75	— 1	— 1	65.6	+ 2.5	84.3	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	18	02	95	06	0	092	//	2	0	9	2	0	63	93	000	0	0	00	00	95	05	0	114	81	0	0	9	0	0	62	73	— 5	+ 8	13.4	— 1.1	17.8	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	1	32	02	97	02	0	082	93	1	2	7	0	0	58	96	000	0	0	04	02	96	02	0	119	75	0	0	9	0	0	60	//	—	—	22.0	—	30.3	—
	Islamabad	000	0	0	23	03	97	02	0	081	84	1	1	6	0	0	54	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65	62	—	0	18.6	— 5.0	28.7	36
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	122	68	0	0	9	0	0								—
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	95	06	0	089	90	0	0	9	0	0	81	96	000	0	0	00	//	97	00	0	///	77	0	0	9	0	0	73	73	— 2	+ 4	3.8	— 7.5	7.2	13
	Sargodha	000	0	1	00	00	96	06	0	085	86	1	0	6	0	0	84	94	000	0	0	00	00	96	06	0	108	75	0	0	9	0	0	69	69	—	—	16.5	—	20.1	—
	Lyallpur	000	8	4	29	02	96	02	0	083	96	4	0	9	4	0	72	95	000	0	0	00	00	96	00	0	099	77	0	0	9	0	0	68	73	— 1	+ 6	4.6	— 0.5	7.6	12
Multan	Sahiwal																																								10
	Multan	000	8	3	00	00	96	02	0	086	94	0	0	9	0	0	61	96	000	0	0	13	02	96	02	0	109	81	0	0	9	0	0	64	75	— 2	+ 5	8.0	— 3.1	11.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	8	0	24	01	92	00	0	051	81	0	0	9	0	0	75	73		—	1.0	—	2.7	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	02	0	113	79	0	0	9	0	0	75	69		0	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	049	95	0	0	9	0	0	70	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	/	0	05	02	98	00	0	///	87	0	0	9	0	0	75	79		—	0.7	—	0.8	8
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	C5	05	98	02	0	415	65	0	0	9	0	0	58	60		—	7.2	—	16.6	—
	Peshawar	000	0	1	00	00	97	01	0	076	86	1	1	2	3	0	58	88	000	0	0	00	00	97	02	0	116	72	0	0	9	3	0	56	65	— 4	+ 0.2	4.6	+ 0.2	13.4	11
	Haripur	000	0	0	18	03	98	00	0	087	86	0	0	9	0	0	56	88	000	0	0	36	02	98	02	0	140	73	0	0	9	0	0	58	64	—	—	8.3	—	18.5	—
D. I. Khan	Bannu	000	0	1	03	01	99	00	0	092	86	0	0	9	0	0	56	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						11
	D. I. Khan	000	0	0	00	00	98	00	0	091	88	0	0	9	0	0	64	93	000	0	0	80	00	95	C6	4	113	75	0	0	9	0	0	65	73	— 4	— 5	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	23	03	97	02	0	081	01	0	0	9	0	0	69	02	000	0	0	23	03	97	02	0	121	76	0	0	9	0	0	48	75	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	97	02	0	078	93	0	0	9	0	0	37	95	000	0	0	00	00	97	02	0	124	76	0	0	9	0	0	29	62	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	949	01	0	0	9	0	0	79	02	000	0	0	05	02	96	00	0	964	85	0	0	9	0	0	70	18	—	—	0.0	—	0.0	—
	Jiwani	000	0	0	18	05	96	02	0	113	84	0	0	9	0	0	72	87	000	0	2	00	E0	96	08	4	132	74	2	6	5	0	0	72	69	—	—	0.8	—	2.0	5
	pasni	000	0	0	25	08	97	02	0	103	84	0	0	0	0	0	75	88	000	0	0	31	04	95	C4	7	130	69	0	0	0	0	0	69	53	— 2	— 16	0.0	— 0.8	0.0	6
Karachi division	Ormara																																								6
	Lasbela																																								8
	Karachi (Manora)	000	0	2	27	07	96	03	0	096	82	2	0	9	8	0	75	84	000	0	0	27	03	96	02	0	127	78	0	0	9	0	0	74	76	— 3	— 1	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	2	23	10	96	C6	0	093	84	2	6	5	0	0	//	95	000	0	0	27	02	96	02	0	125	77	0	0	9	0	0	78	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	23	02	97	02	0	129	93	0	6	6	0	0	93	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	3	00	C0	96	02	0	083	96	9	3	2	7	0	59	99	000	0	0	00	E0	96	02	0	119	78	0	0	9	0	0	71	73		—	0.2	—	0.3	7
	Hyderabad	000	0	3	03	03	96	C5	0	087	95	1	0	9	3	1	64	00	000	0	0	00	00	97	02	0	123	81	0	0	9	0	0	69	77	—	+ 3	0.2	— 5.8	0.3	9
	Kakul	000	0	0	00	00	97	02	0	089	90	0	0	9	0	0	73	93	000	0	0	00	00	97	02	0	///	//	0	0	9	0	0	73	76	— 3	+ 4	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	2	05	06	95	C5	0	090	97	2	1	7	0	0	60	98	000	0	0	13	03	95	05	0	118	81	0	0	9	0	0	65	73	—	—	0.8	—	0.8	4
	Nawabshah	000	0	1	05	C0	//	02	0	086	96	1	1	6	0	0	64	99	000	0	0	00	00	96	06	0	123	81	0	0	9	0	0	67	72	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	13	03	96	02	0	072	95	0	0	9	0	0	68	98	000	0	0	23	03	96	02	0	028	82	0	0	9	0	0	68	76	—	—	0.1	—	0.1	4
	Kashmore																														9										10
	Jacobabad	000	0	0	18	05	90	20	/	092	93	0	0	9	0	0	64	95	000	0	0	09	02	96	02	0	115	80	0	0	9	0	0	69	75	— 6	+ 4	2.4	+ 0.2	8.7	26
unagadh	Veraval																																								—
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								24
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	01	1	517	59	0	0	9	0	0	47	51		— 1	16.5	—19.5	34.2	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	03	99	03	1	530	//	0	0	9	0	4	40	60		+ 2	3.1	—	14.3	29
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	03	98	00	0	535	64	0	0	9	0	0	51	//		/	3.1	— 9.0	13.4	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	99	02	0	572	65	0	0	9	0	0	51	58		—	16.6	—	27.3	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	05	98	02	0	556	09	0	0	9	0	0	54	56		—	2.2	—	2.6	29
	Prachinar *	000	0	1	16	03	98	02	0	514	72	1	1	6	0	0	//	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	491	84	0	0	9	0	0	52	84	000	0	0	05	05	99	02	0	507	73	0	0	9	0	0	47	65	—	—	0.5	— 4.2	2.0	11
	Wana *	000	0	0	00	00	99	00	0	522	70	0	0	9	0	0	47	81	000	0	0	00	00	99	00	0	507	62	0	0	9	0	0	51	58	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	13	02	98	02	0	493	56	0	0	9	0	0	21	85	000	0	0	00	00	97	02	0	516	65	0	0	9	0	0	39	57	— 5	— 2	2.2	— 2.9	6.5	—
	Hindubagh *	000	0	0	20	03	97	02	0	420	84	0	0	9	0	0	69	85	000	0	0	23	03	97	02	0	483	67	0	0	9	0	0	36	40	—	—	2.7	—	6.0	9
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	12	02	//	00	0	///	//	0	0	9	0	0	60	//		/	0.6	—	0.6	—
	Barkhan *	000	0	8	05	05	97	03	2	400	77	8	7	7	0	0	58	85	000	0	0	31	02	97	02	0	414	69	0	0	9	0	0	57	62	—	—	1.0	—	1.8	14
	Harnai *	000	0	0	00	00	//	02	0	544	87	0	0	0	0	0	47	88	000	0	0	00	00	96	02	0	533	71	0	0	9	0	0	45	79	—	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	31	03	97	02	0	520	18	0	0	9	0	0	40	84	000	0	0	00	00	96	05	0	540	48	0	0	9	0	0	23	38	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	27	07	97	00	0	527	83	0	0	9	0	0	41	84	000	0	0	00	00	97	00	0	531	66	0	0	9	0	0	17	38	—	+ 4	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	31	03	97	02	0	574	86	0	0	9	0	0	48	88	000	0	0	07	05	97	02	0	576	70	0	0	9	0	0	31	66	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	13	02	96	02	0	528	89	0	0	9	0	0	14	91	000	0	0	00	00	97	02	0	///	//	0	0	9	0	0	17	53		/	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	3	02	98	00	2	469	72	0	0	9	0	0	36	76	000	0	8	18	02	//	//	/	527	52	0	0	9	0	0	35	39	— 3	— 4	0.8	— 0.4	2.2	—
	Khuzdar *	000	0	1	00	00	96	01	0	505	85	1	5	6	0	0	26	87	000	0	0	00	00	96	02	0	524	64	0	0	9	0	0	34	63	—	—	1.8	—	3.2	5
	Panjgur *																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 5th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_aT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Stiltala	99 2 00	10 6 35	04 1 23	22 9 06	99 0 23	15 4 27	22 5 00	34 6 08			04 4 33	12 9 05	30 0 02	22 3 02
Ienaba	99 2 42	10 5 85	04 1 23	01 0 19	99 0 20	12 6 30	00 9 03	33 7 15			05 0 07	13 0 08	30 2 01	...
Trysbal	99 2 18	10 5 94	12 0 43	02 1 33	98 0 20	10 0 24	00 9 00	14 7 17			0 / / 21	12 7 48	30 4 04	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	806 264 10	...	490 194 24	156 094 26	587 065 35	759 157 38	970 315 56	244 531 / /	...	...	...	...	...
Dacca ...	00 00	009 270 20	...	480 172 59	124 086 62	583 061 60	755 161 60	966 309 6/	241 523 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	076 270 28	...	480 080 / /	003 111 / /	561 241 / /	722 325 / /	922 365 / /	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	970 280 58	...	380 190 58	117 062 58	500 099 / /	748 177 / /	956 357 / /	228 449 / /	...	...	...	...	...
Quetta ...	00 00	833 138 67	...	...	142 084 / /	580 187 / /	742 319 / /	517 399 4/	...	...	...	...	...	...
Sargodha ...	00 00	996 250 50	...	580 224 60	217 080 58	589 091 / /	969 181 / /	969 285 / /	252 431 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_a$ DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 216 18	800 174 21	600 024 43	350 227 46	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 204 59	800 140 60	600 014 60	350 227 63	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	—	—	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 168 63	600 029 / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	—	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.

DD—Daw point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in]°C

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

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd 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 ...	310 08	340 10	340 0/	340 04	175 05	175 01	295 10	265 13	295 08
Chaklala ...	...	265 10	270 09	295 03	305 02	340 13	020 12	360 15	005 20
Chhor ..	120 04	075 04	030 06	040 13	015 07	025 03			
Chittagong ...	050 02	045 02	080 09	060 03	040 11	075 07	/// //	040 15	035 17
Cox's Bazar ...	190 01	115 02	090 05	020 07	...	...	...	...	...
Dacca ...	320 09	320 10	320 12	345 10	360 08	005 07	330 05	310 02	245 06
Dalbandin ...	...	...	075 02	185 02	045 05	015 08	350 / /	330 / /	325 18
D. I. Khan ...	160 01	145 02	145 04	175 04	275 09	090 13	305 12	315 17	350 24
Droah ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...				270 04	225 06	200 06	325 07	315 20	350 20
Jacobabad ...	175 06	170 07	170 07	315 03	350 07	300 06	015 15	065 24	075 2/
Jessore ...	345 09	350 09	360 07	320 04	335 05	295 06	...	...	...
Jhelum ...									
Jiwani ...	170 06	095 08	095 03	035 06	340 05	030 16	020 14	355 16	350 19
Karachi ...	275 15	260 14	245 10	060 06	060 13	060 12	040 31	035 42	
Khanpur ..	325 08	330 04	330 06	005 06	0'5 12	035 14	310 10	045 03	055 14
Lahore ...	010 06	325 07	325 06	305 08	285 08	335 08	345 1/	335 09	325 13
Multan ...	180 04	170 05	/39 06	175 01	335 03	/25 13	360 10	345 10	355 13
Nawab Shah	070 04	070 03	070 03	055 03	055 06	010 10	355 12	355 23	355 29
Panjgur ...	...	...							
Peshawar ...	...	030 03	350 01	340 03	290 04	310 13	280 09	010 14	005 16
Quetta ...	...				290 06	300 03	290 10	295 16	310 03
Sargodha ...	300 03	260 03	275 05	270 06	300 06	291 8/	310 17	340 17	350 28
Sylhet ...	280 11	285 07	265 03	085 06	045 06	180 01	240 09	...	...
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 ...	340 09	345 10	350 06	090 04	130 02	225 13
Chaklala ...	...	055 12	05 / /	335 13	305 12	270 10
Chhor ..	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	100 03	160 30	170 03	180 06	185 11	185 11
Dacca ...	...	...	...	...	...	...
Dalbandin ...	...	...	070 06	085 06	015 03	015 03
D. I. Khan ...	...	...	...	...	...	...
Droah ...	...	...	...	160 05	/70 06	150 03
Fort Sandeman ...	...	...	...	115 01	295 12	305 12
Jacobabad ...	125 13	145 12	175 12	195 08	220 05	250 10
Jessore ...	010 08	010 10	360 10	345 06	170 02	215 07
Jhelum ...	305 06	305 10	300 15	305 05	350 06	340 07
Jiwani ...	055 03	295 06	335 07	345 05	015 05	045 14
Karachi ...	...	...	...	...	...	...
Khanpur ..	140 06	160 08	170 0/	200 00	220 15	295 12
Lahore ...	300 09	310 12	305 11	305 13	315 10	320 07
Multan ...	205 11	190 11	205 09	/2 57	280 07	335 05
Nawab Shah	230 05	210 04	195 05	325 03	255 05	060 10
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	255 22	240 1/	020 16	010 25	355 10
Quetta ...	...	...	...	...	...	...
Sargodha ...	145 01	145 04	200 07	300 08	290 06	335 10
Sylhet ...	105 71	115 05	115 05	060 03	100 04	—
Veraval ...	...	...	...	...	...	—

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	345 03	345 03	340 02	...	...	...	...	...	...	...	...
Chaklala ...	...	/ 19 02	250 02	315 05	315 06	200 02	040 04	330 05	/95 07	...	...
Chhor ..	270 03	2.5 03	175 04	165 01	110 00	/75 13	285 27	030 11	030 07	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	205 03	150 04	125 07	270 03	180 08	195 07	...	...	...	...	...
Dacca ...	010 05	010 04	060 04	080 06	150 02	235 03	...	...	...	...	...
Dalbandin ...	...		075 10	075 17	105 08	130 01	300 05	245 12	315 04	...	...
D. I. Khan ...	230 02	300 23	090 03	165 01	190 02	290 05	350 6/	330 06	340 05	...	...
Droah ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	280 05	300 04	300 06	275 10	275 17	278 19	...	...
Jacobabad ...	220 18	225 23	215 28	215 35	215 35	225 22	215 10	006 05	055 07	...	...
Jessore ...	055 03	034 05	040 07	060 06	065 05	225 02	210 12	220 09	215 04		
Jhelum ...	105 01	035 04	310 08	305 09	305 07	300 03	115 01	040 12	035 12	...	...
Jiwani ...	230 03	225 03	345 04	030 03	075 08	020 19	010 12	350 10	330 10	...	...
Karachi ...	298 06	275 02	140 04	038 04	/65 10	065 10	300 08	305 09	265 14	...	...
Khanpur ..	225 30	230 31	240 32	240 31	240 41	250 43	260 37	270 35	260 37	...	...
Lahore ...	005 01	280 05	290 07	290 05	265 6/	380 07	305 07	355 10	010 09	...	...
Multan ...	165 15	195 19	195 17	020 18	225 22	310 16	265 19	285 26	278 13	...	...
Nawab Shah	175 05	235 10	230 08	190 06	105 06	050 12	C05 06	290 17	265 19	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 03	072 50	020 0/	300 08	295 19	240 06	260 12	270 13	...	...
Quetta ...					241 12	270 10	285 17	295 23		...	...
Sargodha ...	100 03	230 03	255 03	280 05	265 06	305 07	010 13	295 13	305 15	...	...
Sylhet ...	125 10	110 09	095 12	070 15	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ..	335 10	335 03	335 06		005 03	..	270 04	...	279 09	...	...	...	...	..	...	..	..	...
Peshawar ...	290 09	290 05	290 04	050 04	055 11	035 20	035 13	310 09	360 10		..		...	..	...	..	...	...
Quetta																		

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

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

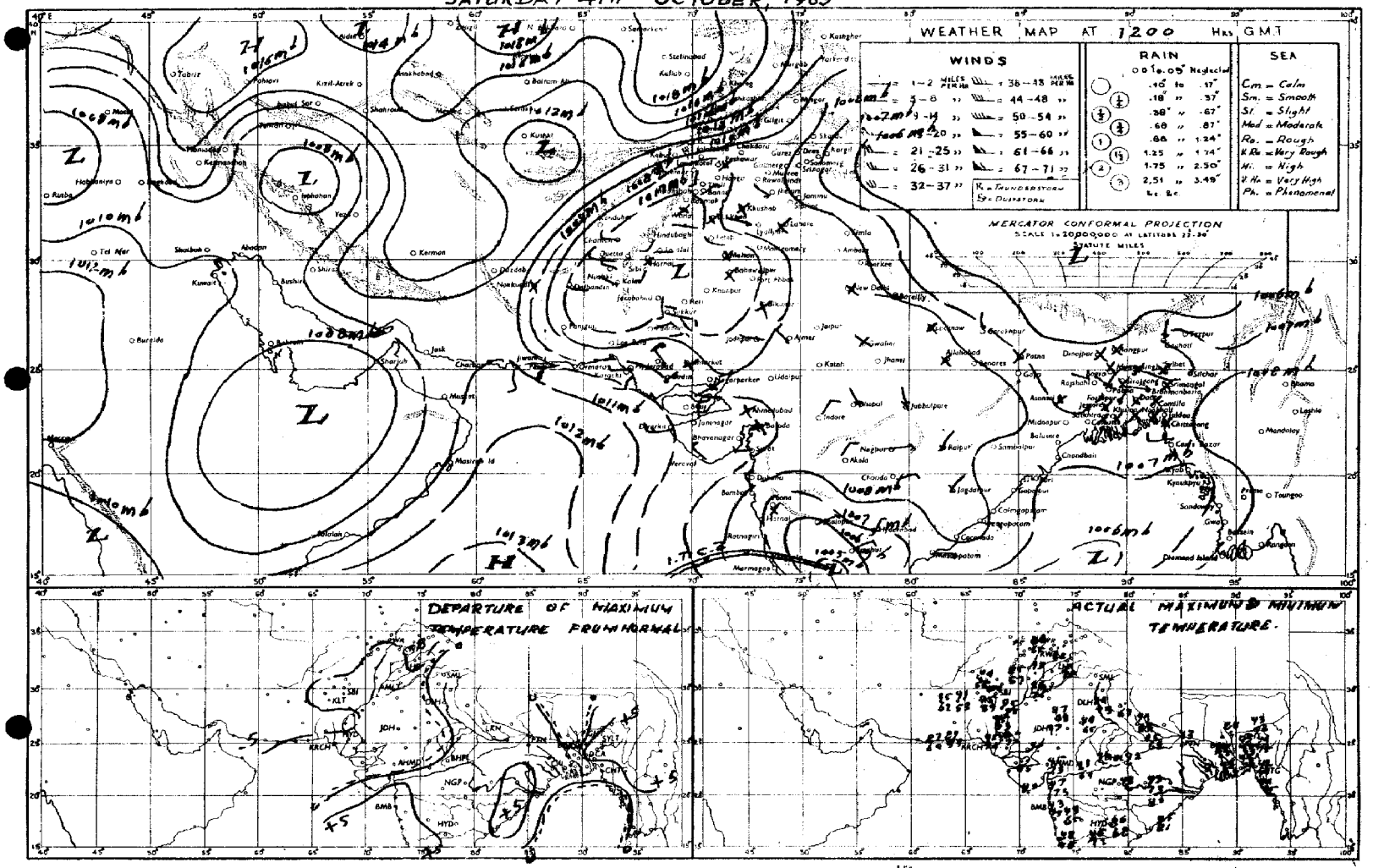
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

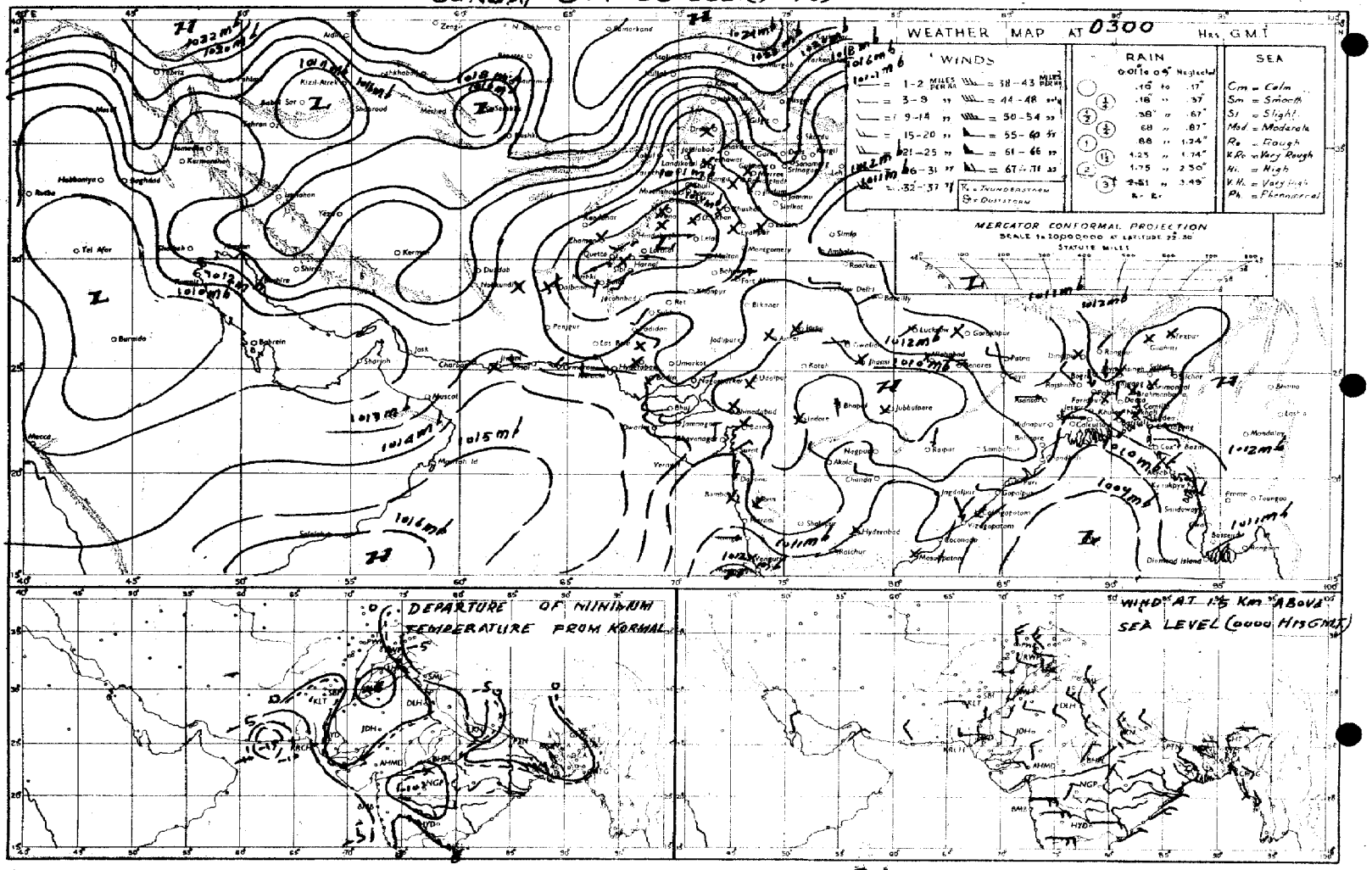
SATURDAY 4TH OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 5TH OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 6th OCTOBER 1969.

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

The low pressure over central Bay of Bengal persists. Yesterday's westerly low pressure wave is moving away across Kashmir. The seasonal trough of low pressure extends from Quetta division to Multan division. Thunderstorm/showers have been scattered in Chittagong and Dacca divisions. A few thunderstorm have also been reported from Khulna division. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are: Brahmanbaria 1".

Day temperatures were 3—6 °F (2—3 °C) below normal in Dacca, Lahore, Bahawalpur, D. I. Khan, Quetta, Kalat and Khairpur divisions and to the same extent above normal in Rajshahi and Hyderabad divisions.

Forecast valid until the evening of 7th October 1969 :— Thunderstorm/showers will be scattered in Chittagong and Dacca divisions. A few thunderstorms are also likely in Khulna division. Weather will be dry elsewhere over the country.

Karachi-11
The 6th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 co-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	8	36	02	98	01	0	083	84	3	8	8	7	6	75	90	000	0	3	36	02	98	04	1	118	84	1	2	7	3	1	75	79	—	—	94.3	—	88.1	—
	Cox's Bazar	000	0	5	30	05	96	02	/	087	84	5	5	4	2	0	75	90	000	0	2	00	00	97	01	2	120	84	2	4	4	6	0	77	77	+ 3	+ 2	—	—	—	140
	Chittagong	000	0	6	00	00	96	02	2	086	85	5	4	4	2	1	77	92	000	0	4	09	03	96	01	2	122	86	3	5	5	0	0	77	79	+ 5	+ 4	54.4	—24.5	103.6	108
	Maidee Court	000	9	0	00	00	97	00	0	093	84	4	9	0	0	0	75	88	000	0	5	18	02	97	03	2	123	86	3	2	5	2	0	82	77	+ 1	+ 1	113.9	+27.7	126.0	115
	Comilla	000	8	4	00	00	96	02	1	097	82	0	4	7	0	0	79	86	000	0	0	00	00	96	02	0	117	86	0	0	9	0	0	79	77	— 3	+ 2	115.8	+51.3	101.5	94
	Brahmanbaria	020	2	4	13	05	96	03	/	081	84	4	4	5	0	0	80	84	000	0	3	13	02	97	03	1	121	88	3	4	5	0	0	80	79	—	—	41.3	— 8.8	51.0	78
	Sylhet	000	0	7	00	00	96	02	2	081	82	4	4	5	3	/	79	88	000	0	3	00	03	96	01	1	120	84	2	4	5	3	0	75	77	—	—	116.1	—	144.1	—
	Srimangal	000	0	3	00	00	96	02	0	046	84	0	0	9	2	/	77	86	000	0	0	00	00	96	00	0	///	84	0	0	9	0	0	75	73	— 5	+ 1	—	—	—	98
Dacca	Mymensingh	016	2	2	00	00	97	01	6	086	80	2	4	6	0	0	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	+ 2					91
	Narayanganj	000	0	8	05	03	//	02	2	090	84	8	6	5	0	0	79	86	000	0	2	03	00	97	02	1	120	88	2	6	6	0	0	79	83	— 3	+ 3	48.1	— 1.4	71.5	74
	Dacca (Tejgaon)	000	0	7	13	05	96	17	2	092	82	5	9	4	3	1	73	91	000	0	2	00	00	96	05	0	117	88	2	8	4	0	0	79	79	—	—	40.0	—	61.0	—
	Faridpur	000	0	5	02	02	97	01	1	068	86	2	5	6	1	0	77	90	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					71
Khulna	Barisal	000	0	6	00	00	96	02	9	084	82	3	8	4	1	1	79	88	000	0	5	00	00	97	02	3	118	86	4	4	4	0	2	77	73	0	0	52.0	— 5.5	62.0	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	03	0	114	88	2	2	4	0	0	83	79		+ 4	—	—	—	68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	97	02	1	121	89	4	3	6	0	0	79	//			55.6	— 8.4	61.0	65
	Jessore	000	0	6	00	00	97	02	2	081	86	2	0	9	0	5	79	90	000	0	5	06	04	96	03	4	119	89	2	5	5	3	0	77	79	—	+ 2	51.0	+ 5.8	59.4	65
Rajshahi	Pabna	000	0	3	00	00	97	01	0	078	86	0	0	9	0	5	77	92	000	0	0	31	02	99	02	0	018	88	0	0	9	0	0	75	79	—	—	48.2	—	62.0	59
	Sirajganj	000	0	4	00	00	97	02	2	077	88	4	4	6	0	0	79	93	000	0	0	09	00	98	00	0	120	88	0	0	9	0	0	79	79	+ 4	+ 3	—	—	—	64
	Rajshahi	000	0	7	00	00	96	01	1	081	88	1	3	6	2	0	75	90	000	0	1	09	02	97	01	1	124	88	1	5	6	0	0	73	79	+ 1	+ 3	52.5	—	66.5	—
	Bogra	000	0	4	00	00	96	02	1	085	88	1	4	4	0	2	79	11	000	0	1	09	02	96	03	0	120	88	1	5	5	0	0	79	79		+ 4	—	—	—	69
	Dinajpur	000	0	0	00	00	96	02	0	074	90	0	0	9	0	0	75	92	000	0	0	00	00	96	00	0	121	88	0	0	9	0	0	75	75	+ 3	— 0	71.5	+ 1.5	94.5	73
	Rangpur	...																																							84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Intl Rd.)	000	0	3	27	02	95	06	0	089	90	2	2	7	3	0	58	94	000	0	0	00	00	95	06	0	117	70	0	0	9	0	0	65	70	— 4	+ 5	13.4	— 1.1	17.8	19
	Sialkot	...																																							32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	084	94	0	0	9	0	0	65	95	000	0	0	00	00	96	02	0	119	77	0	0	9	0	0	65	67	—	—	22.0	—	30.3	—
	Islamabad	000	0	1	00	00	99	00	0	084	89	1	1	8	0	0	65	92	000	0	0	36	02	98	00	0	118	72	0	0	9	0	0	58	65	0	+ 5	18.6	— 5.0	28.7	36
	Rawalpindi																																								—
	Campbellpur																																								
Sargodha	Khushab	000	0		00	00	97	06	0	078	90	0	0	9	0	0	82	96	000	0	0	00	00	96	06	0	113	80	0	0	9	0	0	73	65	— 2	— 2	—	—	—	18
	Sargodha	000	0	0	18	02	96	06	0	083	90	0	0	9	0	0	67	96	000	0	1	00	00	96	04	0	112	77	0	0	9	0	1	67	70	— 1	+ 5	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	083	92	0	0	9	0	0	72	95	000	0	0	00	00	96	00	0	112	75	0	0	9	0	0	67	70	—	—	—	—	—	13
Multan	Sahiwal	000	0	0	00	00	97	02	0	077	94	0	0	9	0	0	58	99	000	0	0	00	00	96	04	0	107	75	0	0	9	0	0	65	67	+ 1	0	8.0	— 3.1	11.0	10
	Multan	000	0	0	36	02	96	00	0	035	96	0	0	9	0	0	68	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	27	03	97	02	0	092	92	0	0	9	0	0	63	96	000	0	0	00	00	96	03	0	113	73	0	0	9	0	0	65	65	— 3	— 2	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	079	95	0	0	9	0	0	73	99	000	0	0	00	00	96	00	0	116	80	0	0	9	0	0	63	73	+ 2	+ 7	—	—	—	6
	Fort Abbas	000	0	0	23	01	98	00	0	010	96	0	0	9	0	0	88	96	///	/	0	00	00	98	00	0	012	88	0	0	9	0	0	75	79	—	/	0.7	—	0.8	8
Peshawar	Chakdara	000	0	3	09	03	98	03	0	069	92	0	0	9	0	0	48	//	000	0	0	05	03	98	02	0	///	//	0	0	9	0	0	56	60	/	—	7.2	—	16.6	—
	Peshawar	000	0	1	00	00	97	01	0	076	88	1	1	6	3	0	56	92	000	0	0	00	03	96	06	0	121	72	0	0	9	0	0	59	67	0	+ 4	4.7	+ 0.2	13.4	11
	Kohat	000	0	0	23	02	98	00	0	082	88	0	0	9	0	0	56	90	000	0	0	05	03	98	00	0	143	73	0	0	9	0	0	56	65	—	—	8.3	—	18.5	—
D. I. Khan	Bannu	000	0	3	11	01	99	01	0	085	88	3	2	7	0	0	63	92	000	0	0	27	01	99	00	0	114	73	0	0	9	0	0	58	67	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	98	00	0	100	90	0	0	9	0	0	67	92	000	0	0	00	00	95	05	0	113	73	0	0	9	0	0	69	72	— 5	+ 7	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	077	03	0	0	9	0	0	56	04	000	0	0	00	00	97	02	0	114	74	0	0	9	0	0	62	72	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	07	97	02	0	071	94	0	0	9	0	0	29	95	000	0	0	00	00	97	02	0	119	71	0	0	9	0	0	37	64	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	03	96	02	0	113	84	0	0	9	0	0	71	86	000	0	3	27	05	96	03	0	121	77	3	6	4	0	0	76	73	—	—	0.0	—	2.0	8
	Jiwani	000	0	0	25	14	97	02	0	019	84	0	0	0	0	0	75	91	000	0	0	29	04	97	12	0	115	68	0	0	0	0	0	68	52	+ 1	— 17	0.0	— 0.8	0.0	6
	Pasni																																								6
Karachi division	Ormara	...																																							8
	Lasbela	...																																							—
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	02	96	02	0	115	76	0	0	9	0	0	73	74		— 1	1.0	— 5.0	1.1	7
	Karachi (Airport)	000	0	0	27	07	96	01	0	094	93	0	0	9	0	0	54	97	000	0	0	00	00	96	02	0	114	77	0	0	9	0	0	73	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	23	02	97	02	0	129	93	0	6	6	0	0	53	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	4	00	00	96	03	0	090	99	/	6	6	0	0	53	//	000	0	0	00	00	//	00	0	172	71	0	0	9	0	0	50	59	—	—	—	—	—	7
	Hyderabad	000	0	0	18	03	97	02	0	049	99	0	0	9	0	0	58	05	000	0	0	00	00	95	05	0	113	81	0	0	9	0	0	59	76	+ 5	+ 3	0.2	— 5.8	0.3	9
	Badin	000	0	0	00	00	97	02	0	089	99	0	0	9	0	0	64	01	000	0	0	23	01	97	02	0	014	77	0	0	9	0	0	68	76	+ 5	+ 6	0.3	— 4.8	0.3	—
Khairpur	Padidan	000	0	1	18	02	96	02	0	083	00	1	1	7	0	0	62	02	000	0	0	13	03	96	02	0	107	78	0	0	9	0	0	59	//	—	/	0.8	—	0.8	—
	Nawabshah	000	0	0	13	02	96	02	0	087	01	0	0	9	0	0	44	03	000	0	0	18	02	96	02	0	113	89	0	0	9	0	0	58	72	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	044	01	0	0	9	0	0	60	03	000	0	0	13	03	96	02	0	068	85	0	0	9	0	0	68	76	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	02	98	02	0	081	96	0	0	9	0	0	69	98	000	0	0	00	00	98	02	0	115	85	0	0	9	0	0	69	70	—	—	—	—	—	4
	Jacobabad	000	0	0	18	03	97	02	0	089	96	0	0	9	0	0	69	98	000	0	0	39	02	96	02	0	///	79	0	0	9	0	0	69	75	— 4	+ 7	2.4	+ 0.2	8.7	58
unagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Dras **	...																																							6
	Leh **	...																																							—
	Skardu *	...																																							—
	Misgar **	...																																							5
	Allabad *	...																																							59
	Gilgit *	...																																							18
Rawalpindi	Murree *	...	000	0	0	27	03	98	00	011	63	0	0	9	0	8	47	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					29
Peshawar	Drosh *	...	000	0	6	00	00	98	02	1	447	60	6	7	9	6	4	70	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	/	3.1	— 9.6	13.4	—
	Chitral *	...	000	0	6	36	04	98	00	0	504	79	0	0	9	0	0	48	83	000	0	0	36	02	98	00	0	512	70	0	0	9	0	0	48	//	—	—	16.6	—	27.3	—
	Kakul *	...	000	0	0	36	02	98	02	8	523	77	0	0	9	0	0	58	73	000	0	0	00	00	99	02	0	514	67	0	0	9	0	0	48	60	—	—	2.2	—	2.6	29
	Landikotal *	...	000	0	0	31	05	98	02	0	597	82	0	0	9	0	0	65	88	000	0	0	05	05	98	02	0	534	72	0	0	9	0	0	50	88	—	—	—	—	—	13
	Prachinar *	...	000	0	2	13	05	98	02	0	544	73	2	1	6	0	0	45	77	000	0	0	00	00	98	02	0	535	60	0	0	9	0	0	40	54	0	+ 3	—	—	—	—
D.I. Khan	Miranshah *	...	000	0	0	05	05	99	00	0	509	69	0	0	9	0	0	46	86	000	0	0	05	05	99	00	0	525	70	0	0	9	0	0	43	63	—	—	0.5	— 4.2	2.0	11
	Wana *	...																																							11
Quetta	Fort Sandeman *	...	000	0	0	22	02	98	02	0	492	85	0	0	9	0	0	22	//	000	0	0	31	02	96	02	0	519	65	0	0	9	0	0	39	58	—	/	2.2	— 3.0	6.5	—
	Hindubagh *	...	000	0	0	23	03	97	02	0	456	82	0	0	9	0	0	38	83	000	0	0	27	02	97	02	0	483	67	0	0	9	0	0	36	48	—	—	2.7	—	6.0	9
	Loralai *	...	000	0	0	18	02	//	05	0	602	05	0	0	9	0	0	45	87	000	0	0	18	02	98	00	0	390	55	0	0	9	0	0	45	48	—	—	0.6	—	0.6	—
	Barkhan *	...	000	0	0	00	05	98	03	2	400	77	0	0	9	0	0	58	84	000	0	0	31	05	98	02	0	414	69	0	0	9	0	0	57	61	—	—	1.0	—	1.0	14
	Harnai *	...	000	0	0	00	00	96	02	0	549	67	0	0	9	0	0	//	73	000	0	0	00	00	96	02	0	556	68	0	0	9	0	0	50	83	/	/	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	...	000	0	0	36	05	97	02	0	516	79	0	0	9	0	0	31	81	000	0	0	00	00	96	05	0	538	53	0	0	9	0	0	31	36	—	— 9	0.5	— 0.5	3.1	8
	Chaman *	...	000	0	0	27	05	97	00	0	529	83	0	0	9	0	0	18	84	000	0	0	09	03	97	00	0	530	67	0	0	9	0	0	20	60	— 4	+ 7	2.1	+ 2.0	4.8	—
	Nushki *	...	000	0	0	27	03	97	02	0	574	86	0	0	9	0	0	48	88	000	0	0	07	05	97	02	0	537	73	0	0	9	0	0	35	//	/	/	—	—	—	4
	Dalbandin *	...	000	0	0	13	02	96	02	0	519	91	0	0	9	0	0	11	93	000	0	0	08	00	97	02	0	518	65	0	0	9	0	0	15	51	—	—	0.0	— 0.2	0.5	7
Kalat	Kalat *	...	000	0	0	31	02	96	00	2	512	71	0	0	9	0	0	53	75	000	0	0	18	02	96	00	0	536	50	0	0	9	0	0	23	37	— 4	— 5	0.8	— 0.4	2.2	—
	Khuzdar *	...	000	0	1	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	//	02	0	506	60	0	0	9	0	0	27	//		/	1.0	—	3.2	5
	Panjgur *	...																																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLo	QcLaLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tatRs	8NsCh hs	OTsTsTdTd	1TwTwTwT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	/9 2 35	10 6 73	04 1 83	02 2 00	98 0 20	13 0 27	03 9 00	33 2 14			00 0 24	...	30 2 02	23 7 03
British	99 2 00	10 7 00	05 0 03	03 3 15	97 0 50	10 9 79	00 9 03	...			...	...	...	...
Kampala	99 0 50	10 5 94	05 1 23	52 3 07	99 0 12	10 1 25	43 4 41	13 7 08			05/6 24	...	30 1 00	21 5 01
Trisabi	99 2 25	10 5 09	04 1 83	02 0 09	90 0 20	12 2 25	00 9 00	13 1 21			0/1 13	12 3 02	30 3 10	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPo/o ToToTo DoDo	hhh TTs DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	807 262 08	...	450 162 00	131 190 / /	583 067 57	754 173 62	963 311 60	237 545 / /	...	...	...	...	...
Dacca ...	00 00	009 282 06	...	430 160 30	132 090 40	586 055 56	753 155 56	973 281 58	253 453 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	072 238 49	...	450 190 52	122 060 / /	577 155 / /	742 261 / /	945 391 / /	25/ 507 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	970 210 6/	...	670 206 62	...	582 101 63	750 205 / /	956 365 / /	231 451 / /	...	...	...	...	...
Quetta ...	00 00	...	MISDA							...	...	...	...	...
Sargodha ...	00 00	998 230 34	—	500 200 58	198 070 57	587 095 / /	756 185 / /	965 305 / /	244 441 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ts DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	PsTsPsTsTsTsa dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 192 00	800 162 00	600 012 40	350 237 63	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 184 17	800 134 40	630 345 6/	350 215 50	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...										
Quetta ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0900 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	315 07	315 06	325 03	145 06	155 03	240 50	...	...	...																	
Chaklala ...	...	215 05	230 07	250 06	265 03	175 03	060 08	285 09	200 09	020 06	025 05	085 03	140 03	220 06	240 06	070 02	085 03	110 04	155 04	905 0/	...	...	...	...	...	...
Chhor ...	305 02	350 02	005 03	070 08	080 13	100 17	...	...	...	245 12	095 55	010 02	320 08	325 11	260 05	...	260 02	310 03	305 11	340 12	006 12	330 04	323 04	280 02	...	...
Chittagong ...	230 08	205 03	165 06	200 04	210 05	230 07	...	...	...	...	215 00	/// / /	085 04	105 05	090 09	235 02	185 05	165 05	135 05	110 03	065 10	285 07	280 17	255 87	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										...	...
Dacca ...	095 08	075 04	050 03	350 05	325 05	...	...	...	...	...	...	...	...	...	...	245 12	265 13	265 09	285 02	115 03	160 07	135 09	100 09	095 14	...	...
Dalbandin ...	...	...	280 02	315 04	355 05	335 15	345 12	315 25	305 27	...	...	010 01	035 07	025 01	345 13	100 04	090 07	080 07							...	...
D. I. Khan ...	100 03	125 04	130 05	130 12	115 71	110 07	275 07	290 06	270 20	...	...	...	275 04	240 12	240 57	...	...	050 07	060 07	055 08	065 14	030 16	045 17	020 02	...	...
Drosh ...	...	...	...	215 09	240 12	285 07	...	...	...	030 06	040 05	015 03	140 01	240 09	065 06	100 3/	095 03	100 1/	105 03	055 03	245 04	275 04	280 14	280 15	...	...
Fort Sandeman ...	...	...	...	195 03	185 03	275 04	295 06	335 12	310 06	...	...	—	015 0/	340 07	350 15	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	200 06	190 05	220 05	229 59	220 07	085 06	301 77	335 10	300 18	140 08	180 09	175 19	195 12	215 13	280 12	335 11	190 11	220 14	220 03	215 03	325 07	290 13	297 15	295 13	...	...
Jessore ...	055 04	015 05	345 06	350 04	050 04	305 03	...	...	...	025 04	024 07	025 07	090 02	013 04	170 09	030 06	080 7/	050 05	080 04	100 07	140 12	278 07	185 09	...	...	...
Jhelum ...	200 02	150203	215 01	295 04	360 05	095 06	305 13	...	...	180 02	290 04	295 07	310 09	033 15	010 05	100 11	025 02	315 05	380 10	320 19	330 05	300 05	335 08	345 10	...	...
Jiwani ...	240 09	340 06	240 03	005 03	355 04	035 14	040 25	045 15	010 19	085 10	010 17	...	330 5/	...	020 17	290 08	3 0 08	320 08	015 07	010 08	350 11	0/5 14	025 17	025 16	...	...
Karachi ...	275 14	260 10	085 05	070 01	055 05	050 08	355 10	330 09	285 23	...	...	...	...	...	...	270 03	245 06	230 04	215 01	035 06	055 11	350 10	310 12	325 14	...	...
Khanpur ...	241 5/	250 15	255 16	255 20	245 19	255 25	275 16	255 20	220 71							275 18	275 23	275 28	270 33	265 34	265 27	260 13	295 07	300 14	...	...
Lahore ...	275 03	280 06	295 06	305 07	300 7/	330 09	300 5/	340 04	...	110 05	190 03	260 02	340 07	385 08	360 05	020 01	360 01	350 03	345 07	345 08	360 07	325 10	355 09	005 00	...	...
Multan ...	200 04	245 04	250 04	310 09	300 17	330 13	350 08	340 12	335 10	120 09	085 04	315 05	325 07	295 10	290 09	055 10	065 11	065 14	045 18	030 14	285 05	235 13	280 15	295 17	...	...
Nawab Shah ...	200 07	185 06	180 05	090 02	125 04	185 06	320 12	315 12	280 16	205 17	205 15	190 13	105 09	180 06	175 05	205 14	190 15	195 13	185 04	095 04	070 73	355 07	350 15	345 15	...	...
Panjgur ...	...																								...	...
Peshawar ...	...	035 06	145 06	185 09	290 08	320 06	315 06	295 15	251 7/	...	315 12	335 08	320 09	325 07	325 10	...	315 12	335 08	320 08	325 07	325 10	051 20	320 13	240 12	...	...
Quetta ...	...				285 08	305 08	315 12	315 16	310 18					350 5/	350 08					300 02	320 06	330 08	315 10	320 13	...	...
Sargodha ...	165 02	170 03	185 03	250 03	295 8/	331 //	...	...	...	295 02	255 04	275 03	340 05	030 08	335 12	125 05	250 05	270 03	355 04	275 07	310 09	330 06	315 13	305 15	...	...
Sylhet ...	130 03	150 02	125 04	007 00	030 08	315 07	...	...	...	080 06	075 05	070 05	040 06	080 03	270 03	165 07	130 07	115 04	080 13	106 10	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	335 06	355 08	035 04	020 08	185 05	...	218 10	...	227 09	...	...	...	...	...	...	...	...	...
Peshawar ...	265 08	265 08	265 08		020 10	005 10	005 10	345 15	131 51									
Quetta ...																		

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

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

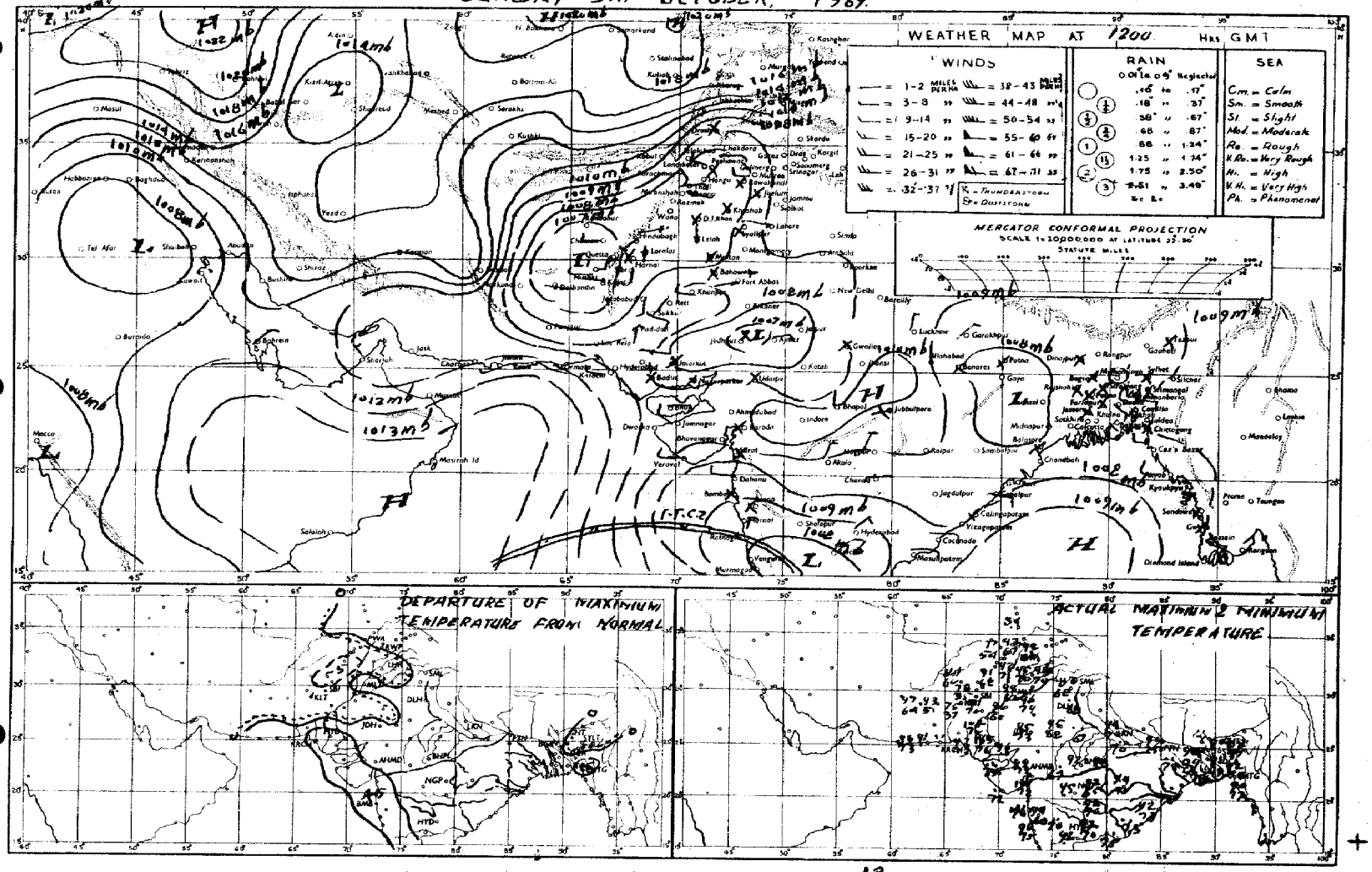
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

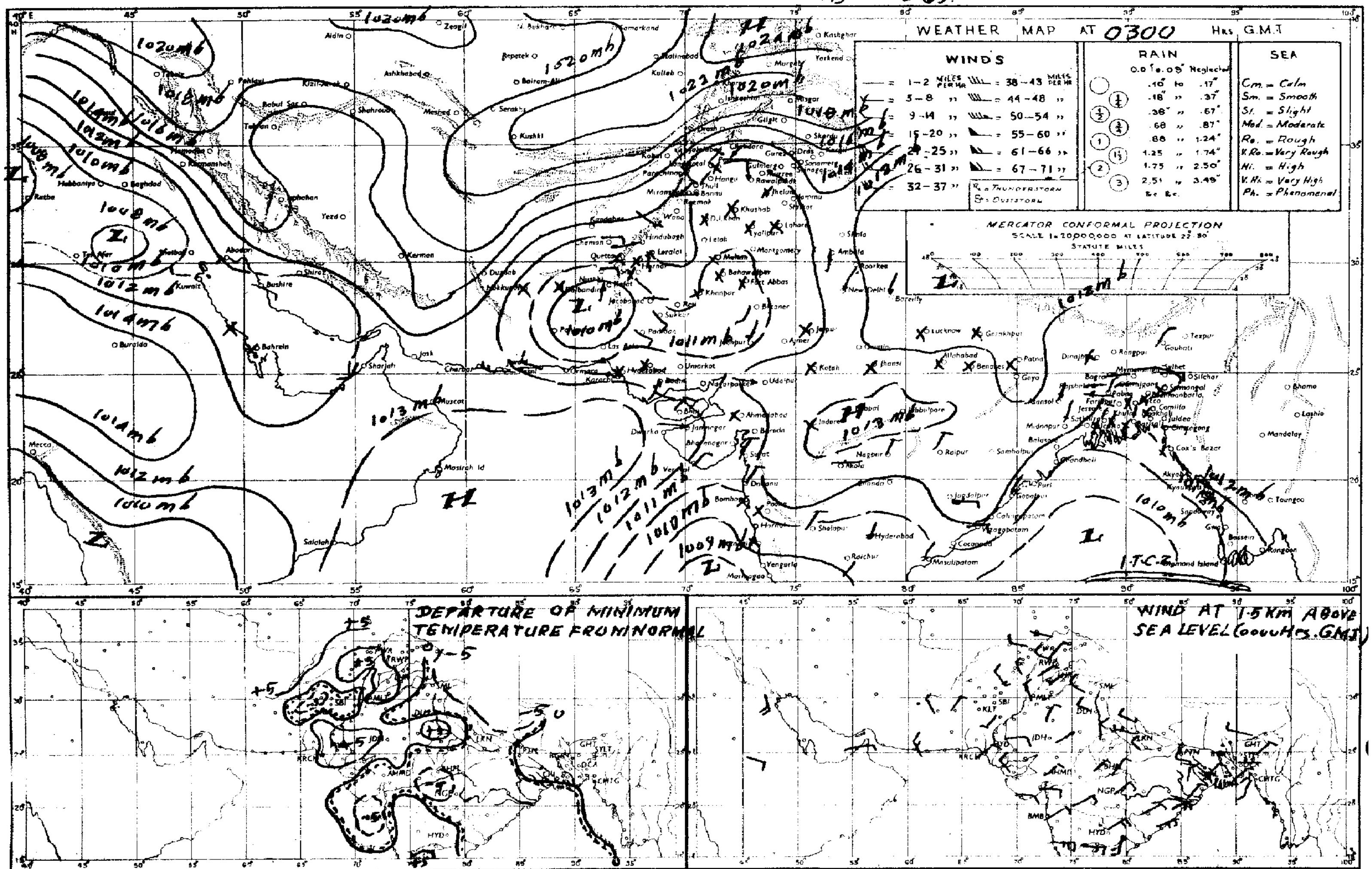
SUNDAY 5TH OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 6th OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 7th OCTOBER 1969.

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

The seasonal low pressure area over central Bay of Bengal persists.

A low pressure area has developed over East Rajasthan.

The seasonal low lies over Quetta division and it is less marked.

Thunderstorm/showers have been scattered in Dacca division. A few thunderstorms/light rain have also been reported from Chittagong and Rajshahi divisions. Weather remained dry elsewhere over the country. Dacca recorded 1½" of rainfall.

Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Khulna, Rajshahi, Peshawar, Quetta, Kalat and Hyderabad divisions and to the same extent below normal in Dacca and Karachi divisions.

Forecast valid until the evening of 8th October 1969 :— A few thunderstorm/showers may occur in East Pakistan. Weather will continue to remain dry over West Pakistan.

Karachi-11
The 7th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	4	18	02	97	21	1	078	84	3	3	5	7	0	75	93	000	9	2	23	02	98	01	9	146	90	5	2	9	0	1	//	88	—	—	94.3	—	88.1	—
	Cox's Bazar	000	0	4	24	05	96	03	1	093	84	2	5	5	3	1	76	90	000	0	0	36	08	97	03	0	120	84	0	0	9	0	0	77	75	+ 3	— 0	—	—	—	140
	Chittagong	000	6	5	00	00	96	02	9	049	88	3	3	3	6	1	76	93	005	9	5	09	02	96	60	9	122	84	4	4	4	0	1	77	77	+ 6	+ 2	54.5	—25.0	103.7	108
	Maliidee Court	000	0	5	00	00	95	03	2	086	88	3	1	5	1	0	81	//	000	9	2	08	00	97	03	0	111	86	2	2	5	0	0	83	81	/	—	—	—	—	115
	Comilla	000	8	4	00	00	//	//	1	085	84	4	4	7	0	0	77	94	000	0	0	00	00	96	02	0	116	86	0	0	9	0	0	77	77	+ 5	+	115.8	+50.8	101.5	54
	Brahmanbaria	000	0	5	09	10	96	03	/	085	86	2	1	7	0	5	82	94	000	0	3	13	02	97	03	1	119	86	3	4	5	0	0	81	79	—	—	41.3	///	51.0	78
	Sylhet	000	0	3	00	00	//	01	2	076	86	1	4	6	0	1	76	91	000	0	0	00	00	96	02	4	122	82	5	3	3	0	0	79	//	—	/	116.1	—	144.1	—
	Srimangal	...	...	...	...	...	...	...	—	..	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	112	86	0	0	9	0	0	77	//	—	—	—	—	—	98
Dacca	Mymensingh	000	0	6	00	00	//	02	/	088	89	6	5	4	0	0	79	90	000	0	2	00	00	97	01	1	123	87	2	4	6	0	0	77	77	+ 2	+ 1	—	—	—	91
	Narayanganj	000	0	7	23	02	//	03	2	083	86	/	/	/	/	/	76	86	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	— 3	..	—	—	—	74
	Dacca (Tejgaon)	115	6	7	00	00	97	02	9	083	82	2	1	5	6	3	76	//	129	9	2	00	00	97	01	6	//	82	2	5	8	0	0	79	77	—	—	51.1	—	—	—
	Faridpur	000	0	4	00	00	97	02	6	070	82	4	5	5	0	0	76	//	004	0	0	00	00	97	00	0	123	87	0	0	9	0	0	79	79	/	+ 2	—	—	—	71
Khulna	Barisal	000	0	6	00	00	96	02	2	084	84	4	8	5	0	2	79	93	000	0	4	00	00	97	02	1	121	86	4	4	4	0	0	77	78	+ 5	+ 1	52.0	— 5.8	62.0	81
	Khulna	000	0	6	01	00	97	03	0	014	82	2	4	4	0	0	//	94	000	0	2	00	00	97	03	0	119	90	0	2	4	0	0	79	81	+ 6	+ 6	—	—	—	68
	Satkhira	000	0	2	09	05	97	03	3	081	84	8	2	6	0	0	81	93	000	0	4	00	00	97	01	1	120	84	4	2	6	0	1	79	79	+ 4	+ 4	55.6	— 8.3	61.0	65
	Jessore	000	0	3	36	09	97	02	0	081	50	2	4	4	0	8	79	//	000	0	0	//	04	97	02	2	119	85	1	5	5	2	0	77	79	/	+ 2	51.0	+ 6.0	59.5	68
Rajshahi	Pabna	000	0	0	00	00	97	02	0	084	47	0	0	9	0	0	76	//	000	0	0	00	00	99	02	0	115	90	0	0	9	0	0	75	81	/	—	48.2	—	62.0	59
	Sirajganj	000	0	4	00	00	97	02	2	///	88	4	0	7	4	0	76	90	000	0	0	00	00	98	00	1	119	87	0	0	9	0	0	77	79	+ 2	+ 3	—	—	—	64
	Rajshahi	000	0	0	00	00	96	01	1	000	88	/	4	5	0	0	76	93	000	0	1	00	00	97	01	1	120	87	1	5	5	0	0	75	79	+ 4	+ 3	52.5	—	66.5	—
	Bogra	000	0	2	00	00	96	02	1	085	86	2	2	5	0	0	77	91	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	—	..	+ 2				—	69
	Dinajpur																																									72
	Rangpur	000	0	1	00	00	96	01	0	067	84	0	0	9	1	0	76	92	000	0	1	00	00	96	00	0	119	87	6	6	3	0	0	79	75	+ 1	0	—	—	—	64
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd.)	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	000	0	0	00	00	95	06	0	113	79	0	0	9	0	0	62	69		+ 4	13.4	— 1.2	17.8	19
	Sialkot	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	000	0	0	00	00	96	00	0	///	77	0	0	9	0	0	77	54		— 12	—	—	—	32
Rawalpindi	Jhelum	000	0		27	02	97	02	0	079	91	1	1	7	8	0	64	95	000	0	0	00	00	96	02	0	113	73	0	0	9	0	0	79	68	—	—	22.0	—	30.3	—
	Islamabad																																									—
	Rawalpindi	000	0	0	27	03	99	00	0	084	90	0	0	9	0	0	56	93	000	0	0	00	00	98	00	0	115	73	0	0	9	0	0	56	64	+ 2	+ 4	18.6	— 5.0	28.7	36
	Campbellpur																																									—
Sargodha	Khushab	000	0	0	08	//	97	02	0	107	//	0	0	9	0	0	91	96	000	0	0	//	//	97	06	0	106	75	0	0	9	0	0	73	65	— 1	— 2	—	—	—	18
	Sargodha	000	0	1	18	02	97	02	0	085	93	0	0	9	0	0	68	96	000	0	0	00	00	96	04	0	120	73	0	0	9	0	0	68	68	—	—	16.5	—	20.1	—
	Lyallpur	000	0	8	00	00	99	00	0	///	//	0	0	9	0	0	69	95	000	0	0	00	00	96	00	0	113	75	0	0	9	0	0	68	69	0	+ 4	—	—	—	12
Multan	Sahiwal	...																																								10
	Multan	...																	000	0	0	13	02	97	02	0	104	82	0	0	9	0	0	58	75		+ 8	9.0	— 3.1	11.0	7
	Leiah	000	0	0	31	02	94	00	0	033	96	0	0	9	0	0	65	96	000	0	0	31	02	92	03	0	059	//	0	0	9	0	0	68	73	—	—	0.9	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	080	90	0	0	9	0	0	62	//	000	0	0	00	00	96	02	0	081	//	0	0	9	0	0	59	//	/	— /	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	//	0	090	95	0	0	9	0	0	88	//	000	0	0	00	00	96	00	0	115	82	0	0	9	0	0	62	73	—	+ 8	—	—	—	6
	Fort Abbas	///	/	0	03	02	98	00	0	///	//	/	/	/	/	/	//	//	000	0	0	00	00	98	00	0	012	87	0	0	9	0	0	75	79	/	—	0.7	—	0.8	8
Peshawar	Chakdra	...																																								—
	Peshawar	000	0	0	09	02	//	01	0	075	84	0	0	9	0	0	52	94	000	0	0	00	03	97	02	0	117	73	0	0	9	0	0	51	64	+ 3	+ 1	4.7	+ 0.2	13.4	11
	Haripur	...	..	...	...	...	..	..	...	...	..	..	..	..	..	..	—	...	000	0	0	05	03	98	00	0	109	75	0	0	9	0	0	56	64		—	8.3	—	18.5	—
D. I. Khan	Bannu	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	02	99	00	0	114	69	0	0	9	0	0	56	65		—	—	—	—	—
	D. I. Khan	000	0	0	00	00	98	00	0	091	94	0	0	9	0	0	62	96	000	0	0	80	00	96	02	0	112	75	0	0	9	0	0	69	68	0	+ 3	3.5	— 2.0	6.0	11
Quetta	Sibi	000	0	0	18	02	97	02	0	075	02	0	0	9	0	0	56	03	000	0	0	00	03	97	02	0	120	74	0	0	9	0	0	57	73	—	—	0.2	—	0.2	9
	Nokkundi	000	0	0	27	02	97	02	0	067	97	0	0	9	0	0	35	98	000	0	0	05	03	97	02	0	114	74	0	0	9	0	0	18	65	—	—	0.0	—	0.3	5
Kalat	Turbat	000	0	0	13	02	96			946	04	0	0	9	0	0	74	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	000	0	0	27	09	96	02	0	104	87	0	0	9	0	0	72	89	000	0	0	00	00	93	46	4	115	76	0	0	9	0	0	76	78	—	—	—	—	2.0	—
	panni	000	0	0	25	06	97	02	0	054	86	0	0	0	0	0	77	89	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	+ 2					8
Karachi division	Ormara	...																																								6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	0	0	00	00	98	00	0	135	75	0	0	8	0	0	65	65	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	07	05	96	00	0	100	80	0	0	9	0	0	//	82	000	0	0	31	03	96	02	0	113	75	0	0	9	0	0	70	73	—	—	1.0	— 3.0	1.1	8
	Karachi (Airport)	000	0	0	27	07	96	00	0	092	92	0	0	9	0	0	57	96	000	0	0	29	03	96	02	0	117	74	0	0	9	0	0	66	70	—	—	1.5	—	1.5	8
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	96	0	0	0	0	0	96	03	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	—					—
	Chhor	...																	000	0	0	00	00	96	02	0	117	76	0	0	9	0	0	59	68		—	0.2	—	0.3	7
	Hyderabad	000	0	0	27	02	97	03	0	084	99	0	0	9	0	0	49	05	000	0	0	00	00	95	05	0	108	81	0	0	9	0	0	53	77	/	+ 4	0.2	— 5.8	0.3	9
	Badin	000	0	0	27	02	97	02	0	///	//	0	0	9	0	0	65	03	000	0	0	31	02	97	02	0	118	75	0	0	9	0	0	67	74	+ 7	+ 4	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	12	00	96	02	0	083	01	0	0	9	0	0	49	03	000	0	0	23	03	96	01	0	104	79	0	0	9	0	0	55	69	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	18	03	96	02	0	087	03	0	0	9	0	0	51	04	000	0	0	00	00	96	02	0	106	75	0	0	9	0	0	58	68	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	05	03	96	02	0	066	98	0	0	9	0	0	62	03	000	0	0	31	03	96	01	0	098	81	0	0	9	1	0	64	75	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	03	98	02	0	082	01	0	1	9	0	0	62	02	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	—					4
	Jacobabad	000	0	0	18	03	97	02	0	081	98	0	0	9	0	0	60	99	000	0	0	09	00	96	02	0	102	79	0	0	9	0	0	63	74	— 1	+ 6	2.4	+ 0.2	8.7	30
unagadh	Veraval																																									26
	HILL STATIONS																																									
Kashmir	Srinagar *																																									—
	Gulmarg **																																									71
	Sonamarg **																																									26
	Dras **																																									—
	Leh **																																									3
	Skardu *																																									6
	Misgar **																																									—
	Alabad *																																									—
	Gilgit *																																									5
Rawalpindi	Murree *	...	..	...	...	...	...	..	..	...	...	..	..	...	...	..	...	..	000	0	0	27	03	98	00	0	572	58	0	0	9	0	0	45	50		— 2	—	—		59
Peshawar	Drosh *																																									10
	Chitral *	000	0	0	36	02	98	00	0	512	79	0	0	9	0	0	38	84	000	0	0	36	02	98	00	0	514	73	0	0	9	0	0	51	//	+ 3	/	3.1	— 9.1	13.4	29
	Kalam *																		000	0	0	31	02	99	02	0	520	69	0	0	9	0	0	54	60	—	—	16.6	—	27.3	—
	Landikotal *	000	0	0	31	05	98	02	0	597	82	0	0	9	0	0	64	87	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	—				2.6	29
	Prachinar *	000	0	0	16	03	98	02	1	519	75	0	0	9	0	0	35	79	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	+ 3				—	13
D.I. Khan	Miranshah *	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	000	0	0	05	05	99	00	0	508	69	0	0	9	0	0	49	64		—	0.5	— 4.2	2.0	11
	Wana *																																									11
Quetta	Fort Sandeman *	000	0	0	09	02	98	02	0	494	03	0	0	9	0	0	18	//	000	0	0	09	02	//	02	0	515	65	0	0	9	0	0	44	59	/	+ 2	2.2	— 2.8	6.5	—
	Hindubagh *	000	0	0	27	05	96	02	0	492	79	0	0	9	0	0	44	80	000	0	0	00	00	97	02	0	526	68	0	0	9	0	0	39	52	/	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	395	84	0	0	9	0	0	45	86	000	0	0	10	//	98	00	0	395	55	0	0	9	0	0	45	48	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	23	05	98	02	0	413	86	0	0	9	0	0	53	87	000	0	0	31	05	98	02	0	502	69	0	0	9	0	0	48	63	—	—	1.0	—	1.0	14
	Harnai *	000	0	0	00	00	98	02	0	556	89	0	0	9	0	0	68	91	000	0	0	00	00	96	02	0	556	67	0	0	9	0	0	42	//	—	— /	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	31	02	96	02	0	537	02	0	0	9	0	0	15	94	000	0	0	08	00	96	02	0	536	51	0	0	9	0	0	//	36	—	— 9	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	27	03	97	00	0	522	85	0	0	9	0	0	62	87	—	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	—				—	—
	Nushki *	000	0	0	27	04	97	02	0	559	90	0	0	9	0	0	56	92	000	0	0	07	05	97	02	0	581	75	0	0	9	0	0	34	69	+ 6	—	—	—	—	4
	Dalbandin *	000	0	0	13	02	97	02	0	537	92	0	0	9	0	0	30	95	000	0	0	36	02	97	02	0	514	68	0	0	9	0	0	23	54	—	+ 3	0.5	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	00	2	498	76	0	0	9	0	0	63	80	000	0	0	13	02	97	03	0	532	54	0	0	9	0	0	35	42	+ 3	0	0.8	— 0.4	2.2	—
	Khuzdar *	000	0	0	13	05	97	02	0	506	86	0	0	9	0	0	36	80	000	0	0	34	02	96	02	0	515	66	0	0	9	0	0	34	61	—	—	1.8	—	3.2	8
	Panjgur *																																									

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_s h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Isanda	99 1 63	10 6 58	06:0 63	53 6 16	99 0 12	14 0 28	11 3 30	33 0 06	...		00 1 25	12 8 04	30 2 03	03 6 01
Chevronthedhague	99 2 16	01 5 58	06 0 63	03 0 04	98 0 24	00 9 00		...	...		0/ / 21	12 4 42	30 2 01	00 / 00
Kamplala	99:0 89	12 6 10	20 5 08	98 0 10	13 5 27	21 5 02	13 2 09	05 1 22	...		05 1 22	.	30 2 98	06 5 01
Kmapla	99 0 89	12 6 10	86 0 63	30 5 08	98 0 10	13 5 27	21 5 02	13 2 09	...		05 1 22	...	30 2 90	06 5 01
Dosina	99 2 01	.10 6 21	06 3 63	10 3 04	58 0 20	14 8 27	11 5 00	...	...		0/ / 23	12 7 10	30 2 01	00 / 00
Isanda	99 1 53	10 6 68	06 1 23	60 1 25	58 0 21	11 4 28	6! 4 00	33 6 15	...		00 0 25	12 8 02	30 2 02	02 6 02
Dosina	99 2 14	10 6 11	06 4 23	02 9 09	98 0 20	11 9 26	00 9 00	9 / / 22	...		...	12 5 47	30 2 01	00 / 00
Chevron	99 2 29	10 5 95	06 4 23	03 4 02	98 0 20	10 2 30	00 9 00	9 / / 22	...			12 9 51	30 2 01	00 0 00
Chevron	99 2 40	10 5 87	06 1 83	00 2 02	98 0 20	12 1 28	00 9 00	...	...		0/ / 24	12 9 86	30 2 01	00 / 00
Croixdusud	99 2 56	10 5 73	04 1 83	03 4 04	98 0 20	10 0 30	00 9 00	...	72 1 05		05 4 23	13 2 01	30 3 01	34 0 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 262 11	...	478 184 12	152 090 32	586 079 44	756 171 57	966 331 56	241 501 / /	...	...	...	...	...
Dacca ...	00 00	009 260 06	...	400 132 20	097 050 32	575 115 / /	744 199 59	954 315 56	.	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	072 230 36	...	501 30 / /	197 050 / /	587 151 / /	749 201 / /	952 401 / /	218 541 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	970 180 57	...	450 200 59	128 102 59	584 065 / /	...	9// 63 / / /	232 477 / /	...	...	...	...	...
Quetta ...	00 00	821 144 62	...	...	117 072 / /	578 119 / /	746 214 / /	950.379 / /	220 52/ / /	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD								PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 216 20	800 164 11	600 012 34	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 166 17	800 104 17	600 033 / /	350 251 7!	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...		...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 1/6 / /	600 025 / /	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Bogra ...	305 04	340 60	82/ / /	190 6/	265 06	275 10	250 12	345 12	245 15
Chaklala ...	...	295 05	280 07	275 07	005 04	295 08	010 09	035 17	020 20
Chhor ...	250 05	310 02	045 03	100 06	090 07	085 10	005 9/	335 10	305 14
Chittagong ...	240 11	240 13	240 12	225 06	230 05	260 06	250 09	090 07	165 06
Cox's Bazar ...	270 13	270 13	230 10	290 10	180 08	230 10	..	...	...
Dacca ...	230 06	260 10	100 02	100 02	050 01	090 02	310 06	...	
Dalbandin ...	.	...	160 03	010 31	015 06	310 39	045 27	305 49	025 33
D. I. Khan ...	200 03	240 03	270 03	190 0/	145 08	315 17	305 07	..	351 77
Drosh ...	...	...	...	225 05	225 05	205 02	360 11	350 15	010 17
Fort Sandeman ...	..	...		285 03	305 07	305 09	285 16	340 16	360 21
Jacobabad ...	215 05	210 06	210 06	205 06	090 04	050 07	025 16	355 21	345 23
Jessore ...	050 06	050 10	060 08	040 04	270 10	310 02	...		
Jhelum ...	150 01	145 02	145 04	260 06	320 10	325 03	360 10	030 07	025 11
Jiwani ...	245 15	095 06	095 03	090 06	010 05	045 09	010 19	355 19	345 21
Karachi ...	280 12	265 14	255 14	225 10	220 07	330 09	055 12	045 15	035 15
Khanpur ...	245 13	255 14	...	270 15	285 31	280 21	005 02	135 10	035 15
Lahore ...	325 03	335 04	340 04	350 03	350 03	015 03	330 09	330 10	345 09
Multan ...	158 06	065 85	000 05	005 03	305 11	305 05	378 13	325 19	322 5/
Nawab Shah ...	100 03	120 02	135 03	220 06	220 07	345 08	010 15	005 14	350 12
Panjgur ...	...	...		...		...			
Peshawar ...	...	095 07	209 04	285 04	295 10	340 07	020 15	045 21	035 30
Quetta ...	...				290 08	355 06	335 11	300 16	300 19
Sargodha ...	190 03	235 03	240 03	285 04	240 08	335 11	340 05	035 10	02/ 14
Sylhet ...	280 06	270 08	100 10	200 08	290 12	050 10	270 12	120 10	310 16
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 1	11	12	13	14	15	16
Bogra ...	...	...		..		
Chaklala ...	...	050 05	305 01	290 07	310 08	350 12
Chhor ...	290 16	290 17	305 17	310 22	330 28	355 35
Chittagong ...		...	...	...	...	
Cox's Bazar ...	360 08	355 07	010 02	335 02	101 / /	130 05
Dacca ...	-	...	...			
Dalbandin ...	..	...	015 01	020 05	070 04	070 05
D. I. Khan ...	150 10	195 09	200 07	290 04	05/ 02	050 05
Drosh ...	...	...	...	120 02	050 04	020 09
Fort Sandeman ...	...	...	..	214 00	2/5 0/	360 03
Jacobabad ...	155 08	185 11	205 15	215 13	230 13	330 14
Jessore ...	010 02	045 03	065 02	185 03	190 08	265 03
Jhelum ...	180 83	305 04	300 08	305 07	345 05	040 05
Jiwani ...	250 01	310 09	315 08	360 05	030 05	...
Karachi ...	...			...		
Khanpur ...	280 87	200 08	290 09	279 05	355 07	290 17
Lahore ...	/// 03	195 03	280 03	330 04	335 06	330 09
Multan ...	125 11	125 08	070 03	005 09	290 14	291 7/
Nawab Shah ...	260 12	225 08	195 06	185 09	155 08	065 20
Panjgur ...	...		...	...	...	...
Peshawar ...	..	330 11	360 12	030 04	380 08	290 07
Quetta ...	...	...	...	...	..	..
Sargodha ...	270 05	275 07	295 06	005 07	025 05	325 11
Sylhet ...	135 07	140 07	145 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	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	...	..	..	...	...	...		...	...
Chaklala ...	...	230 02	230 03	295 06	310 0/	010 06	050 11	015 14	...	...	...
Chhor ...	315 08	290 11	275 07	/60 04	135 05	140 10	005 0/	060 00	070 11	...	...
Chittagong ...		...		..	...	..	..	...	..	...	...
Cox's Bazar ...	360 02	360 04	360 03	055 03	075 01	070 02	105 05	115 04	180 08	...	...
Dacca ...	...	..	...				...			...	...
Dalbandin ...	..		075 05	105 12	105 08	150 04	205 04	210 05	260 06	...	...
D. I. Khan ...	195 08	205 09	215 09	195 08	140 05	205 09	045 06	215 09	040 09	...	...
Drosh ...	...	...	...	...	...	..		...		...	...
Fort Sandeman ...	...	...	...	265 06	240 09	215 08	315 06	360 11	360 15	...	...
Jacobabad ...	190 07	220 15	210 15	210 10	205 15	225 10	360 11	035 17	040 23	...	...
Jessore ...	001 02	045 03	065 82	105 03	190 08	265 03	225 06	265 04	325 03	.	...
Jhelum ...	228 01	230 01	281 04	315 10	310 11	320 07	...	040 12	...	...	...
Jiwani ...	125 03	360 03	360 04	005 05	035 04	095 13	050 20	065 21	060 21	...	...
Karachi ...	320 07	275 02	275 03	200 04	110 05	065 22	060 17	065 14	065 19	...	...
Khanpur ...	255 15	150 15	250 13	240 15	235 18	235 24	285 16	290 16	325 17	...	...
Lahore ...	280 01	305 03	325 05	330 07	010 05	025 04	045 10	020 17	055 11	...	...
Multan ...	//0 09	140 13	130 12	110 07	100 09	040 13	...	--	---	...	...
Nawab Shah ...	230 17	225 15	205 12	175 09	135 13	050 18	053 18	...	...	...	...
Panjgur ...	...		...	..	...	...	...	...		...	...
Peshawar ...	..	015 04	340 04	005 06	325 03	235 03	235 03	2/0 15	280 1/	...	...
Quetta ...	...	...	...		250 04	270 06	290 10	300 15	285 17	...	...
Sargodha ...	265 05	285 06	275 07	300 04	255 04	015 05	040 12	040 17	035 06	...	...
Sylhet ...	135 07	140 07	145 88	...	...	...		...	...	...	...
Veraval ...	...	..	...	..	...	...	...	...	---	...	...

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

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

Height in g p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	4A0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	310 03	010 0	060 04		350 03	...	255 07	...	220 12	...	...	...	...	...	...	...	...	...
Peshawar ...	315 13	275 1	240 1/	240 04	125 06	050 10	050 27	050 24	050 22	..	...	—	...	—	—	...	...	...
Quetta ...																		

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

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

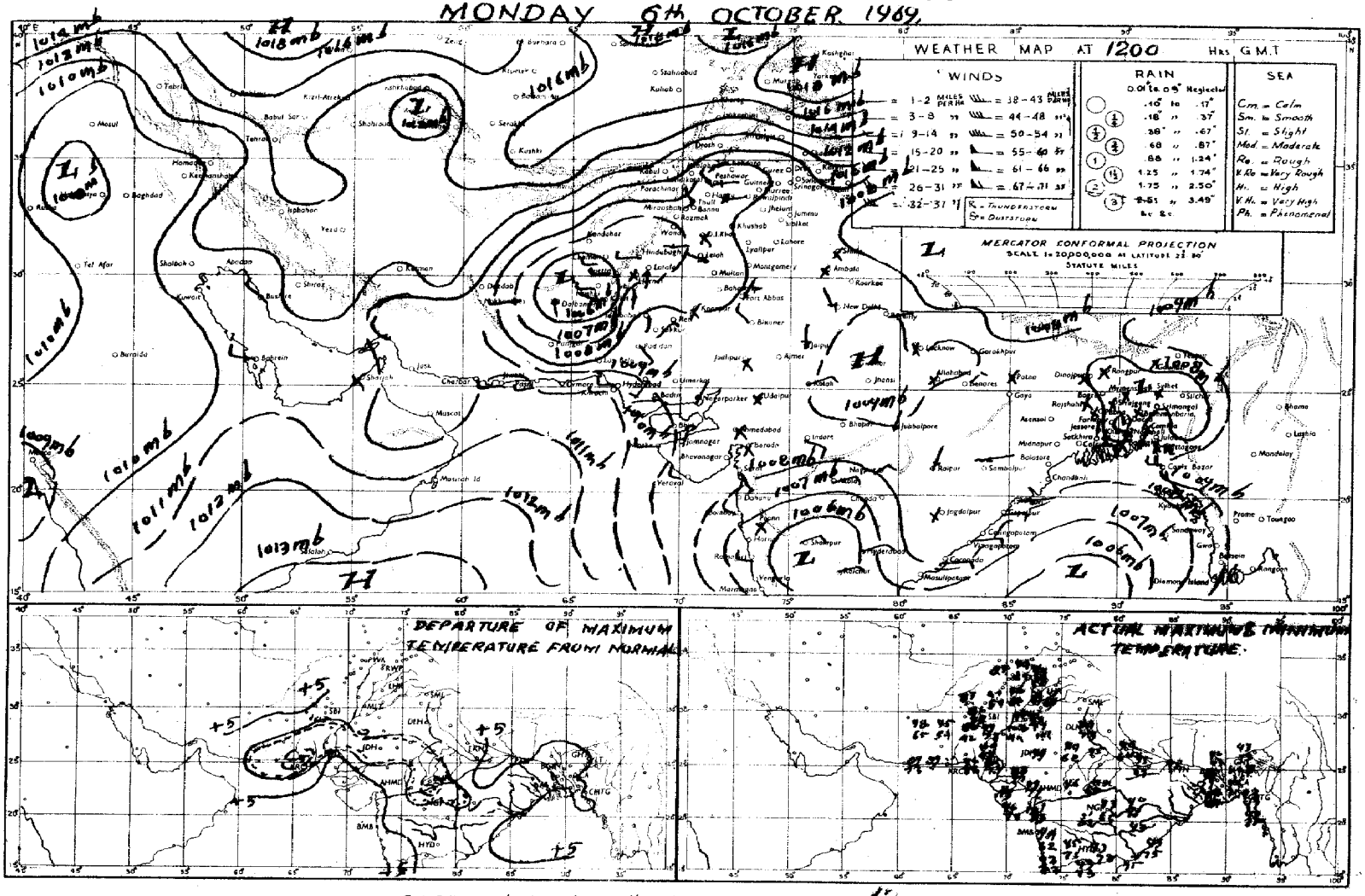
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

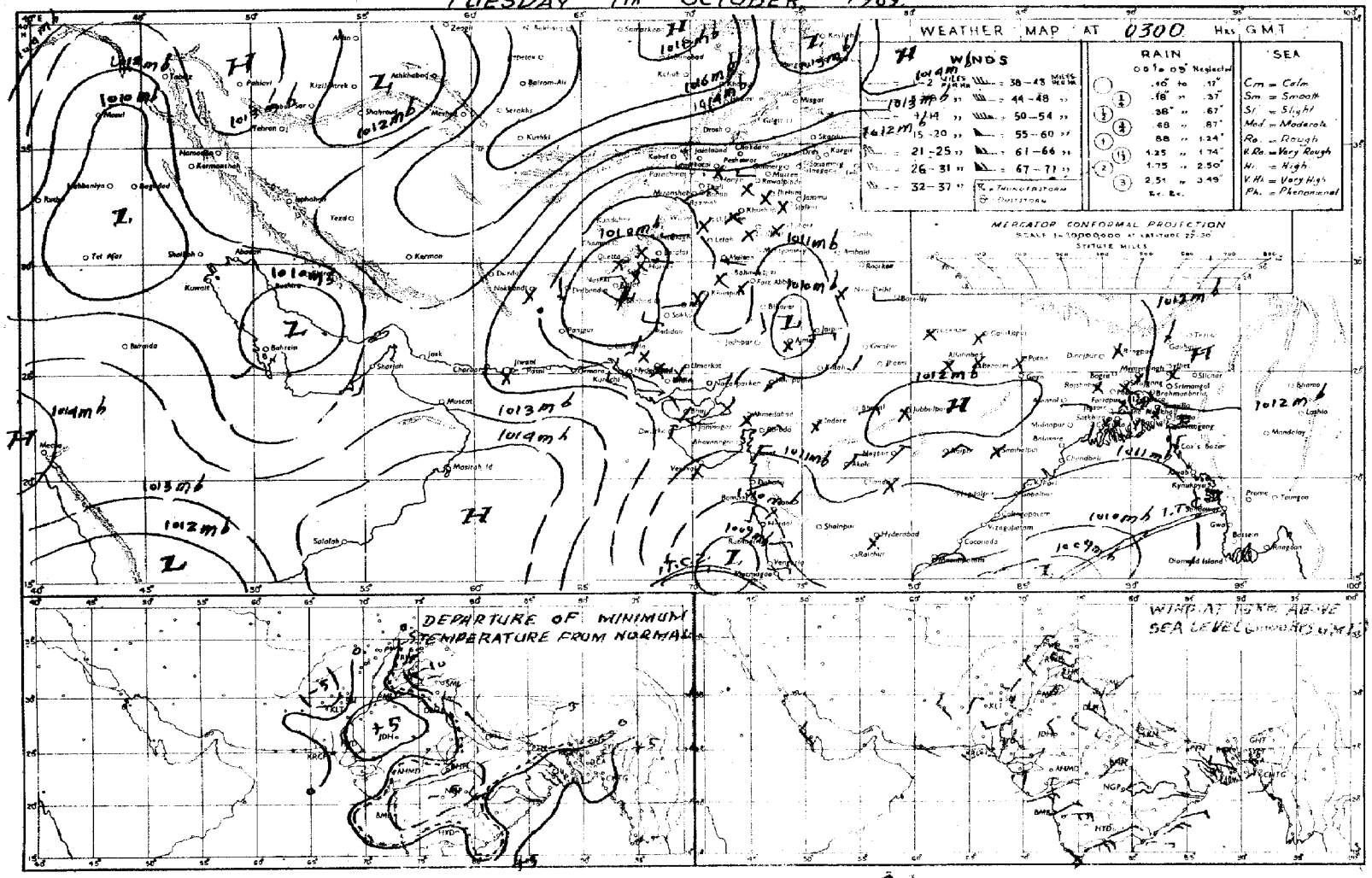
MONDAY 6th OCTOBER 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th OCTOBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 8th OCTOBER 1969.

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

Conditions in the central Bay of Bengal are unsettled.

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

The seasonal low pressure area lies over Quetta division and neighbourhood with its trough extending to Rajasthan. Weather remained dry in West Pakistan.

Chief amounts of rainfall are: Faridpur 1", Sylhet and Srimangal ½" each.

Day temperatures were 8—15 °F (4—8 °C) above normal in Peshawar, Quetta and Karachi divisions and 3—7 °F (2—4 °C) so in Chittagong, Khulna, Rajshahi, Rawalpindi, Bahawalpur, Kalat and Hyderabad divisions.

Forecast valid until the evening of 9th October 1969 :—Thunderstorm/showers will be scattered in East Pakistan. A few thunderstorms may occur in Peshawar division.

Weather will remain dry elsewhere in West Pakistan.

Karachi-11
The 8th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0000 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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	4	23	05	97	01	9	080	84	4	8	6	0	0	77	94	000	2	2	23	11	98	01	1	119	//	1	3	3	4	4	75	//	—	—	94.3	—	88.1	—
	Cox's Bazar	000	0	2	23	08	97	03	0	0 6	86	2	3	5	0	0	77	90	000	0	4	09	05	97	03	0	119	84	2	2	5	3	8	77	75	+ 3	0	—	—	—	140
	Chittagong	000	0	5	27	02	96	13	/	087	84	4	3	5	0	2	75	90	000	0	4	05	04	96	02	1	125	82	1	2	5	0	2	73	75	+ 3	8	54.5	—25.4	153.7	108
	Maijdee Court	000	9	0	00	00	96	00	0	079	87	0	0	9	0	0	82	94	000	9	2	00	00	98	00	1	119	82	0	0	9	0	1	73	75	+ 7	— 1	—	—	—	115
	Comilla	000	0	4	00	00	96	02	/	086	88	4	4	9	0	0	81	94	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 5					94
	Brahmanberia	000	0	6	00	00	96	03	/	073	87	6	4	5	0	0	81	91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					78
	Sylhet	000	0	3	00	00	96	02	2	071	84	3	4	5	0	1	79	90	027	5	6	05	07	96	29	9	128	77	3	5	5	5	0	73	72	—	—	116.1	—	144.3	—
	Srimangal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	035	9	3	00	00	96	01	9	123	81	0	0	9	2	2	73	73	—	—	—	—	—	98
Dacca	Mymensingh	020	0	5	00	00	96	01	/	082	84	2	4	1	0	0	79	90	000	0	0	00	00	97	00	0	128	82	0	0	9	0	0	75	77	+ 2	— 1	—	—	—	91
	Narayanganj	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	1	18	02	97	01	1	119	87	0	0	9	3	1	77	..	—	+ 2	—	—	—	74
	Dacca (Tejgaon)	013	9	6	00	00	96	17	9	078	87	5	9	5	6	0	73	91	000	9	2	00	00	97	02	9	117	87	2	0	9	4	8	75	77	—	—	51.1	—	62.2	—
	Faridpur	108	0	8	16	02	94	95	2	056	77	/	/	/	/	/	74	90	113	0	0	00	00	97	00	0	136	86	0	0	9	0	0	81	79	+ 2	— 2	—	—	—	71
Khulna	Barisal	000	0	3	00	00	95	02	2	083	87	2	2	5	0	6	79	91	000	0	6	00	05	97	03	2	120	82	5	8	4	0	1	79	79	+ 3	+ 2	52.0	— 6.1	62.0	81
	Khulna	000	0	2	01	00	97	03	0	100	91	2	2	4	0	0	84	95	000	0	2	00	00	97	03	0	110	90	2	2	4	0	0	84	81	+ 7	+ 6	—	—	—	68
	Satkhira	000	0	6	00	00	97	03	0	081	81	5	3	6	1	0	77	91	000	0	5	00	00	97	01	1	119	84	5	3	6	0	0	79	77	+ 2	0	55.7	— 8.1	60.9	65
	Jessore	000	0	7	18	05	97	95	9	087	87	6	9	4	2	2	73	90	000	9	6	00	00	96	05	9	118	84	6	4	4	0	0	79	75	0	0	51.0	+ 5.9	59.5	65
Rajshahi	Pabna	000	0	0	00	00	98	02	0	080	86	0	0	9	0	0	73	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj	000	0	4	00	00	96	03	2	073	82	4	4	6	0	0	73	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					64
	Rajshahi	000	0	1	00	00	96	01	1	081	84	1	9	5	0	0	75	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					69
	Bogra	000	0	0	00	00	96	00	1	078	84	0	0	9	0	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					72
	Dinajpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						84
	Rangpur	000	0	1	00	00	96	01	0	079	84	0	0	9	0	0	75	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					
Kashmir	Jammu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						—
Lahore	Lahore (Iall Rd.)	000	0	0	00	00	95	06	0	079	92	0	0	..	0	0	61	95	000	0	0	00	00	95	06	0	122	79	0	0	9	0	0	48	73	0	+ 8	13.4	— 1.3	17.9	19
	Sialkot	..	..	..	..	..	..	..	..	..	..	—	..	..	..	..	..	..	000	0	0	00	00	96	00	0	098	77	0	0	9	0	0	73	54		— 12	—	—	—	33
Rawalpindi	Jhelum	000	0	0	00	00	97	02	9	070	89	0	0	9	0	0	67	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						—
	Rawalpindi	000	0	1	00	00	99	00	0	070	90	0	0	9	0	0	60	95	000	0	0	05	02	98	00	0	122	73	0	0	9	0	0	58	64	+ 4	+ 4	18.6	— 5.1	28.7	36
	Campbellpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						—
Sargodha	Khushab	000	0	0	00	00	98	09	0	069	95	0	0	9	0	0	97	99	000	0	0	36	01	97	06	0	///	69	0	0	9	0	0	62	56	+ 2	— 11	—	—	—	15
	Sargodha	000	0	0	18	02	97	02	0	073	94	0	0	9	0	0	63	97	000	0	0	31	02	96	04	0	117	75	0	0	9	0	0	65	65	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	072	91	0	0	9	0	0	69	//	000	0	0	00	00	96	00	0	116	73	0	0	9	0	0	64	68	/	+ 3	—	—	—	12
Multan	Sahiwal	000	0	0	00	00	97	00	0	076	95	3	9	5	7	/	//	98	000	0	0	00	00	97	02	0	103	87	0	0	9	0	0	58	73	+ 1	+ 6	8.0	+ 3.1	11.0	10
	Multan	000	0	0	31	01	94	00	0	046	97	0	0	9	0	0	78	97	000	0	0	37	01	97	00	0	085	87	0	0	9	0	0	65	73	—	—	0.9	—	2.7	8
	Laiah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Bahawalpur	Khanpur	000	0	0	27	03	97	03	0	072	95	0	0	9	0	0	63	63	000	0	0	00	00	96	02	0	108	75	0	0	9	0	0	59	62	+ 3	+ 5	0.2	— 4.6	1.1	8
	Bahawalpur	000	0	0	00	00	96	00	0	079	96	0	0	9	0	0	73	74	000	0	0	00	00	96	00	0	110	82	0	0	9	0	0	60	73	+ 2	+ 8	—	—	—	6
	Fort Abbas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						9
Peshawar	Chakdra	000	0	0	36	02	98	01	0	056	85	0	0	9	0	0	58	10	000	0	0	05	03	98	02	0	119	65	0	0	9	0	0	54	58	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	36	02	97	02	0	065	88	0	0	9	0	0	14	//	000	0	0	00	03	97	02	0	119	73	0	0	9	0	0	54	65	/	+ 2	4.7	+ 0.2	13.4	13
	Haripur	000	0	0	13	02	98	00	0	077	87	0	0	9	0	0	59	90	000	0	0	05	03	98	00	0	034	69	0	0	9	0	0	54	65	—	—	8.3	—	18.5	—
D. I. Khan	Bannu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	00	00	99	00	0	122	73	0	0	9	0	0	60	65	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	072	95	0	0	9	0	0	72	95	000	0	0	00	00	96	02	0	115	73	0	0	9	0	0	65	69	—	+ 5	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	077	02	0	0	9	0	0	68	03	000	0	0	00	00	97	02	0	122	73	0	0	9	0	0	46	72	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	97	02	0	076	97	0	0	9	0	0	36	00	000	0	0	00	00	97	02	0	107	73	0	0	9	0	0	15	66	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	046	02	0	0	9	0	0	86	02	000	0	0	13	02	96	00	0	082	76	0	0	9	0	0	68	65	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	07	96	42	0	095	85	0	0	9	0	0	79	90	000	0	0	00	00	93	46	4	122	81	0	0	9	0	0	71	69	—	—	0.0	—	2.0	8
	Panjgur	000	0	0	25	10	97	02	0	078	82	0	0	9	0	0	76	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					6
Karachi division	Ormara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						6
	Lasbela	000	0	0	00	00	98	00	0	085	05	0	0	9	0	0	55	06	000	0	0	00	00	98	00	0	121	70	0	0	9	0	0	60	58	—	—	0.7	—	0.7	9
	Karachi (Manora)	000	0	0	27	09	98	02	0	089	87	0	0	9	0	0	71	98	000	0	0	00	00	96	02	0	110	76	0	0	9	0	0	71	74	— 11	— 1	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	0	25	07	96	02	0	082	96	0	0	9	0	0	52	02	000	0	0	29	02	96	02	0	106	77	0	0	9	0	0	47	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	86	0	0	9	0	0	//	03	000	0	0	05	02	97	02	0	141	84	0	0	9	0	0	84	84	—	—	—	—	—	—
	Chhor	000	0	0	00	03	96	02	0	088	00	0	0	9	0	0	54	04	000	0	0	00	10	96	02	0	102	75	0	0	9	0	0	50	69	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	03	97	02	0	078	01	0	0	9	0	0	59	06	000	0	0	27	03	97	02	0	104	85	0	0	9	0	0	47	80	+ 6	+ 7	0.2	— 5.9	0.3	9
	Badin	000	0	0	27	01	97	02	0	090	02	0	0	9	0	0	66	05	000	0	0	23	01	97	02	0	098	77	0	0	9	0	0	48	74	+ 7	+ 4	0.3	— 6.9	0.3	—
Khairpur	Padidan	000	0	0	18	05	96	02	0	076	01	0	0	9	0	0	44	//	000	0	0	23	02	96	01	0	100	78	0	0	9	0	0	65	67	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	18	05	96	22	0	079	03	0	0	9	0	0	//	06	000	0	0	23	02	96	02	0	099	82	0	0	9	0	0	55	80	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	13	03	96	02	0	074	98	0	0	9	0	0	62	100	000	0	0	05	03	96	02	0	100	82	0	0	9	1	0	69	75	—	—	0.1	—	0.1	4
	Kashmore	000	0	0	23	02	98	02	0	072	99	0	0	9	0	0	55	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
	Jacobabad	000	0	0	23	03	97	02	0	069	99	0	0	9	0		56	00	000	0	0	09	07	96	02	0	099	77	0	0	9	0	0	63	72	— 1	+ 4	2.4	+ 0.2	0.7	
unagadh	Veraval	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Miagar **																																								3
	Aliabad *																																								59
	Gilgit *																																								—
Rawalpindi	Murree *	000	0	0	29	03	98	02	0	507	64	0	0	9	0	0	49	73	000	0	0	27	03	98	03	0	520	58	0	0	9	0	0	45	51	+ 5	— 1	—	—	—	18
Peshawar	Drosh *	000	0	0	25	12	98	02	0	475	87	0	0	9	0	0	54	95	000	0	0	00	00	98	02	0	339	50	0	0	9	0	0	30	60	+ 15	+ 4	—	—	—	29
	Chitral *	000	0	0	36	03	98	00	0	507	81	0	0	9	0	0	50	//	000	0	0	36	03	98	00	0	511	73	0	0	9	0	0	47	//	/	/	3.1	— 9.1	13.4	—
	Kakul *	000	0	2	36	05	98	02	0	517	79	0	0	9	0	0	54	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Landikotal *	000	0	0	31	05	98	02	0	427	85	0	0	9	0	0	63	01	000	0	0	05	05	98	02	0	541	69	0	0	9	0	0	49	56	—	—	2.1	—	2.7	29
	Prachinar *	000	0	0	00	00	99	82	0	504	75	0	0	9	0	0	38	81	000	0	0	00	00	96	02	0	530	64	0	0	9	0	0	35	56	+ 5	+ 5	6.3	—	17.0	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	494	87	0	0	9	0	0	49	70	000	0	0	05	05	99	00	0	517	67	0	0	9	0	0	49	64	—	—	0.5	— 4.2	2.0	11
	Wana *	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						11
Quetta	Fort Sandeman *	000	0	0	31	02	98	02	0	481	86	0	0	9	0	0	16	88	000	0	0	00	00	96	02	0	518	67	0	0	9	0	0	40	58	+ 1	+ 1	2.7	— 2.9	6.5	—
	Hindubagh *	000	0	0	27	03	96	02	0	444	77	0	0	9	0	0	42	78	000	0	0	27	02	97	02	0	534	56	0	0	9	0	0	41	40	—	—	2.7	—	5.9	9
	Loralai *	000	0	0	27	02	98	00	0	395	84	0	0	9	0	0	45	86	000	0	0	18	02	98	00	0	395	55	0	0	9	0	0	45	48	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	13	02	98	02	0	474	88	0	0	9	0	0	56	91	000	0	0	31	05	98	05	0	481	69	0	0	9	0	0	48	64	—	—	0.9	—	0.9	14
	Harnai *	000	0	0	00	00	96	02	9	485	86	0	0	9	0	0	51	91	000	0	0	00	00	96	02	0	489	69	0	0	9	0	0	45	//	—	/	3.9	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	27	05	97	02	0	052	83	0	0	9	0	0	18	85	000	0	0	08	00	96	02	0	535	49	0	0	9	0	0	90	40	+ 8	— 5	0.5	— 0.5	3.1	—
	Chaman *	000	0	0	27	01	97	00	0	504	87	0	0	9	0	0	30	88	000	0	0	00	00	97	00	0	517	71	0	0	9	0	0	30	65	+ 7	+ 9	2.1	+ 1.9	4.8	—
	Nushki *	000	0	0	31	03	97	02	0	559	91	0	0	9	0	0	56	93	000	0	0	00	00	97	02	0	550	72	0	0	9	0	0	35	65	—	—	0.5	—	2.7	4
	Dalbandin *	000	0	0	23	02	97	02	0	519	93	0	0	9	0	0	37	96	000	0	0	00	00	97	02	0	502	61	0	0	9	0	0	28	53	+ 6	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	97	02	0	490	73	0	0	9	0	0	49	81	000	0	0	13	00	97	02	0	521	58	0	0	9	0	0	36	43	+ 4	+ 1	0.9	— 0.3	2.2	—
	Khuzdar *	000	0	0	00	00	97	02	0	497	89	0	0	9	0	0	27	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
	Panjgur *																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 8th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{Iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR $t_Rt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Barpasta	99 1 75	10 7 12	07 1 23	00 8 18	99 8 20	06 9 21	00 0 00	23 6 10			00 3 76		30 4 01	
Kampla	99 0 16	10 6 37	07 1 23	30 2 13	98 0 20	09 2 28	21 4 80	13 6 09			00 8 25		30 3 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	808 244 07	...	480 174 35	149 036 29	585 083 //	755 171 58	964 323 57	239 554 //	415 691 //	625 787 //	...	...	...
Dacca ...	00 00	010 270 27	...	450 192 47	160 094 57	588 057 57	760 155 56	973 295 59	250 527 //	431 657 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	080 240 65	...	500 140 15	101 094 40	577 101 //	745 221 //	952 325 //	...	...	...	...	...	...
Multan ...	00 00	995 228 61	...	550 194 69	172 034 //	577 145 //	742 242 //	947 355 //	219 407 //	...	...	...	...	...
Peshawar ...	00 00	970 190 56	...	500 200 59	133 110 59	584 095 //	751 245 //	956 361 //	230 481 //	...	...	...	...	...
Quetta ...	00 00	823 156 66	...	...	143 072 57	580 131 //	747 233 //	993 325 //	...	...	...	...	...	...
Sargodha ...	00 00	996 204 30	...	540 174 40	180 064 55	585 121 //	753 231 //	959 335 //	236 455 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE
											$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_tT_tP_tT_tT_tT_{ts}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 194 13	800 152 38	600 000 43	350 241 53	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 214 39	800 160 56	600 016 54	350 213 57	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Bogra ...	360 02	206 03	210 00	260 04	270 04	250 10	265 08	290 12	270 17
Chaklala ...	...	280 02	285 02	280 02	270 03	255 08	025 08	015 10	010 10
Chhor ...	245 09	235 10	230 09	250 10	279 15	015 00	065 11	085 14	060 15
Chittagong ...	265 10	270 08	270 10	225 02	295 03	185 03	080 11	195 08	200 10
Cox's Bazar ...	280 08	280 04	215 03	215 08	215 11	210 08	160 05	235 08	190 12
Dacca ...	310 01	225 01	250 02	340 07	340 06	345 10	335 09	...	...
Dalbandin ...		...	285 08	275 09	266 06	170 02	035 06	300 06	335 08
D. I. Khan ...	180 06	168 04	160 07	165 09	100 09	310 11	310 10	...	...
Drosh ...	...	...	...	210 16	215 16	255 10	295 04	...	...
Fort Sandeman ...	...	...	...	250 04	270 07	290 10	...	...	...
Jacobabad ...	205 09	215 08	230 06	290 04	350 04	010 09	028 12	330 11	330 12
Jessore ...	255 08	030 02	340 01	...	...	...	...	...	...
Jhelum ...	210 05	255 05	230 10	315 10	310 12	345 10	350 10	025 14	020 13
Jiwani ...	205 05	175 03	175 03	345 06	030 03	115 11	065 23	060 21	055 21
Karachi ...	250 13	255 13	250 11	205 06	265 04	020 06	070 07	045 07	040 07
Khanpur ...	253 12	255 19	265 20	275 15	280 17	310 29	350 19	345 12	015 15
Lahore ...	125 02	315 04	305 05	355 07	305 07	285 05	330 06	005 09	028 07
Multan ...	155 05	150 07	150 08	110 07	105 03	295 03	005 13	255 19	355 23
Nawab Shah ...	200 05	200 06	205 07	150 08	050 03	040 15	350 14	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 07	035 06	170 09	250 10	330 07	035 10	340 10	035
Quetta ...					280 04	290 07	310 13	315 18	315 24
Sargodha ...	185 05	205 05	210 05	295 06	340 07	351 11	005 13	015 14	015 10
Sylhet ...	315 08	320 05	300 03	255 05	280 06	285 13	...	...	...
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 1	11	12	13	14	15	16
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	090 05	215 03	290 10	305 10	310 10
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	070 02	025 01	020 01	355 04	080 05	145 03
Dacca ...	100 11	070 13	340 10	...	...	...
Dalbandin ...	...	...	230 02	265 10	310 12	330 02
D. I. Khan ...	180 08	170 08	170 07	170 05	155 04	...
Drosh ...	...	...	...	100 01	045 03	040 06
Fort Sandeman ...	...	...	...	030 02	025 07	325 12
Jacobabad ...	185 12	195 15	205 13	205 16	285 04	355 07
Jessore ...	345 03	355 06	055 07	085 03	105 02	055 07
Jhelum ...	110 02	345 05	320 04	300 08	350 06	330 10
Jiwani ...	215 05	240 05	205 05	325 06	335 08	085 13
Karachi ...	...	...	...	...	...	...
Khanpur ...	230 13	230 01	250 12	270 06	270 12	270 12
Lahore ...	215 07	225 08	235 06	275 09	005 04	035 1
Multan ...	145 15	145 12	280 01	235 07	310 12	265 06
Nawab Shah ...	235 17	215 16	205 18	185 11	205 08	190 08
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...			...	...	...	...
Sargodha ...	230 02	245 07	275 04	035 02	...	...
Sylhet ...	040 06	030 03	190 04	160 08	130 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	3.4	4.5	5.4	6.0	7.2	8.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	115 02	280 02	310 07	295 05	345 05	330 05	320 10	...	...	...
Chhor ...	350 04	285 11	260 13	265 10	235 04	145 05	075 17	055 15	010 09	350 09	300 27
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	070 13	030 06	030 02	240 07	240 02	210 03	260 07	260 02	260 07	230 07	240 29
Dacca ...	...	...	085 01	270 10	310 07	325 08	320 12	325 14	325 12	330 12	355 26
Dalbandin ...	225 03	200 12	180 15	155 08	150 11	160 04	355 08	340 11	010 05	055 03	340 24
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	040 02	040 03	340 06	330 10	325 11	305 11	250 07	285 15
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	195 12	200 15	205 15	200 16	200 33	200 20	205 18	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	140 02	230 03	305 05	315 13	310 10	315 15	355 09	345 16	345 17	...	...
Jiwani ...	270 05	218 09	225 10	260 05	335 11	055 12	075 21	070 16	040 10	070 14	275 35
Karachi ...	300 15	290 14	280 12	235 08	220 06	050 16	065 24	025 16	025 17	360 17	...
Khanpur ...	360 08	015 10	020 11	028 12	025 15	050 11	340 06	295 11	275 15	240 15	215 24
Lahore ...	290 02	300 04	320 05	325 07	010 04	030 05	335 13	360 12	360 08	005 07	330 24
Multan ...	165 13	170 18	170 18	150 13	135 09	155 06	345 13	355 21	080 23	025 14	325 25
Nawab Shah ...	230 10	230 14	205 13	195 07	090 03	015 04	360 11	345 09	330 12	—	—
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	—	008 06	355 09	345 05	350 08	360 04	360 08	335 08	015 09	050 09	—
Quetta ...					280 04	010 02	335 08	335 14	340 12	310 21	...
Sargodha ...	215 02	278 04	290 04	190 03	320 03	345 11	010 04	350 11	334 12	335 15	...
Sylhet ...	070 07	015 04	325 02	250 03	230 01	210 06	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	305 21	285 15	240 12	240 09	130 08	045 15	040 23	015 13	015 12	085 37	—	—	—	—	—	—	—	—
Peshawar ...																		
Quetta ...																		

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

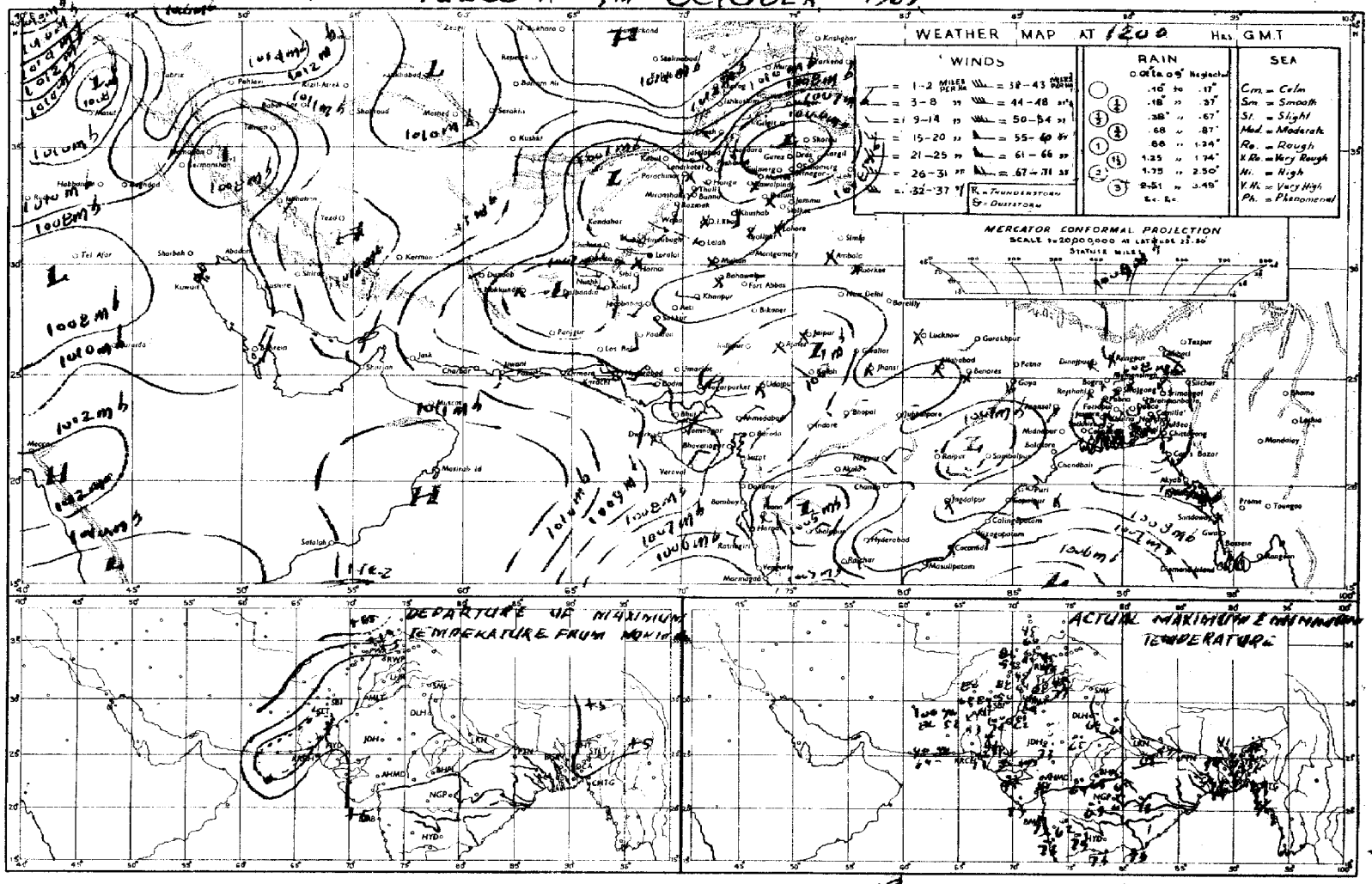
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

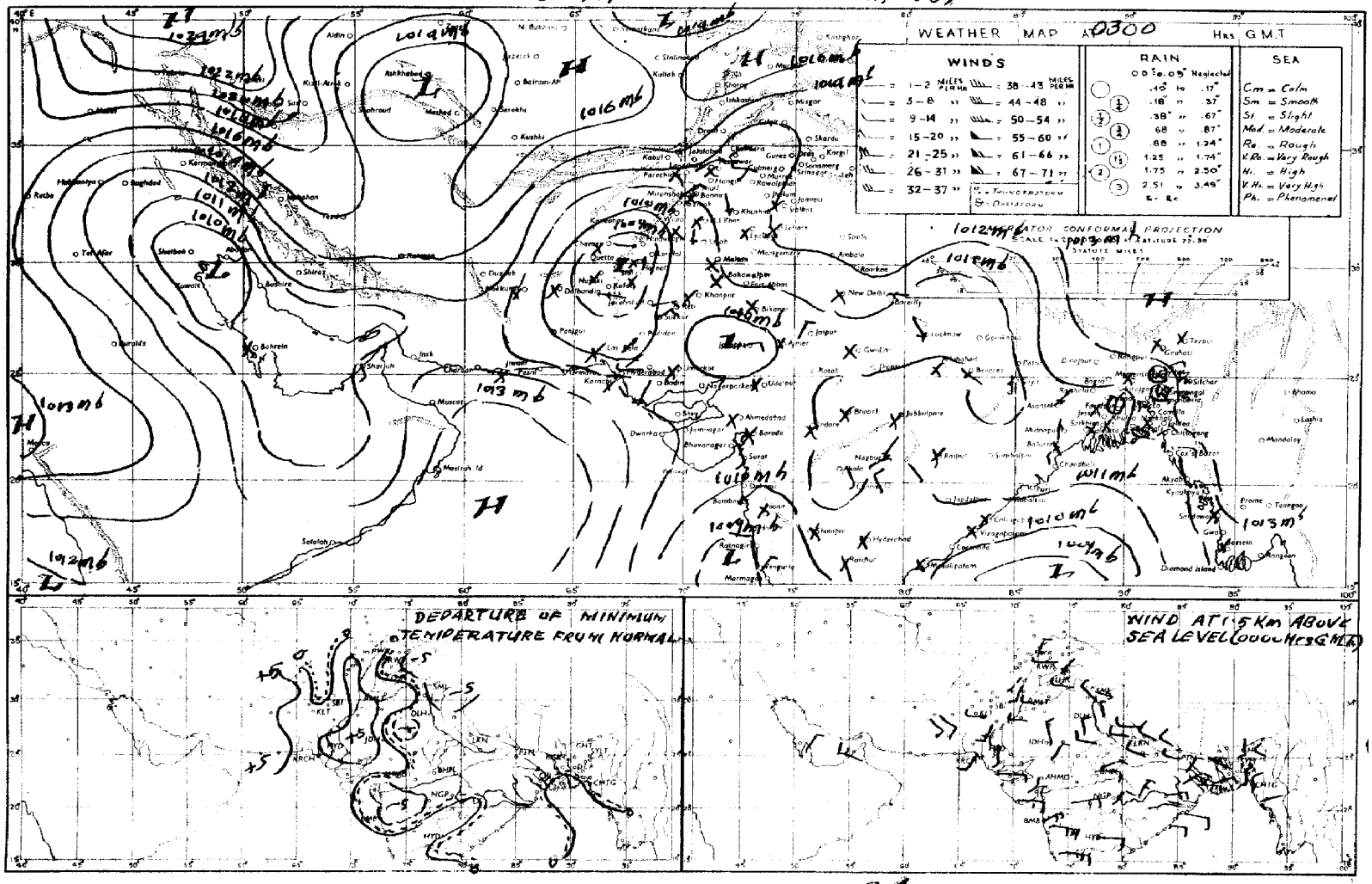
TUESDAY 7th OCTOBER 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 9th OCTOBER 1969.

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

Ships observations lacking but believe a depression has formed in the west central Bay of Bengal and is centred at 0300 G.M.T. with in one degree of latitude 17 °N and longitude 87½ °E. It is likely to move in a northerly direction. Rain/thundershowers have been widespread and locally heavy in Dacca and Rajshahi divisions, fairly widespread in Khulna division and local in Chittagong division. The seasonal trough of low pressure now extends over Khairpur and Hyderabad divisions and adjoining Rajasthan. Weather remained dry over West Pakistan.

Chief amounts of rainfall are: Narayanganj 3", Pabna 2", Dacca 1½", Brahmanbaria, Faridpur, Rajshahi and Rangpur 1" each, Barisal, Jessore 3/4", Maijdee Court ½" and Chittagong, Khulna, Sirajganj and Dinajpur ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Bahawalpur, Peshawar, Quetta, Kalat, Karachi and Hyderabad divisions and nearly normal elsewhere over West Pakistan.

Forecast valid until the evening of 10th October 1969 :— Fairly widespread rain/thundershowers are likely to occur in East Pakistan. Weather will be dry over West-Pakistan.

Karachi-11
The 9th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 so-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	3C	23	02	98	01	3	090	88	2	8	6	7	0	76	93	000	0	6	31	02	98	02	9	146	81	3	4	6	7	1	73	75	—	—	94.3	—	99.7	—
	Cox's Bazar	000	0	0	25	08	96	02	0	099	84	0	0	9	0	0	76	89	000	0	4	21	05	96	03	0	128	84	4	3	5	2	1	75	75	+ 2	— 9	81.0	—27.1	88.7	140
	Chittagong	000	0	5	27	02	96	13	/	093	82	2	3	5	3	/	76	92	018	9	7	05	02	96	02	9	133	77	1	8	5	6	0	73	75	+ 6	— 6	54.6	—29.4	103.8	109
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	040	9	8	08	00	96	02	0	134	81	3	2	5	3	0	73	73	—	— 3	114.5	—27.7	26.6	115
	Comilla	000	0	0	00	00	96	02	0	087	88	0	0	9	0	0	81	93	000	0	6	03	00	96	02	1	121	77	6	4	5	0	0	73	73	+ 4	— 2	82.5	+17.0	101.7	94
	Brahmanbaria	000	0	2	00	00	97	03	/	086	84	0	0	9	0	5	77	90	100	0	7	27	02	96	03	1	140	77	7	5	5	7	0	75	73	—	—	43.3	—99.6	52.0	78
	Sylhet	028	9	6	00	00	/	02	2	086	81	3	9	5	2	1	76	88	012	5	8	09	03	56	03	2	121	79	5	7	4	2	1	75	73	—	—	116.5	—	144.4	—
	Srimangal	135	9	0	00	00	/	00	9	084	81	0	0	9	0	0	77	89	010	9	6	13	04	56	02	9	138	81	4	8	5	3	2	73	73	— 3	+ 1	89.0	— 2.2	80.4	98
Dacca	Mymensingh	000	0	6	00	00	/	01	1	088	82	6	4	7	0	0	79	88	013	6	7	00	00	97	02	1	149	77	/	7	6	/	0	75	75	0	— 1	60.7	— 4.5	75.8	91
	Narayanganj	000	0	6	03	02	/	03	2	089	86	6	6	3	0	0	77	86	190	3	8	05	02	97	51	6	127	77	8	7	3	/	/	75	73	— 3	— 4	51.0	+ 1.0	73.4	74
	Dacca (Tejgaon)	003	4	5	13	05	96	13	9	084	81	4	9	4	7	0	77	90	143	4	7	00	00	97	61	9	140	77	3	5	4	7	0	75	73	—	— 7	52.5	—	93.4	—
	Faridpur	000	0	4	00	00	97	02	/	073	86	4	5	5	/	0	76	93	101	3	8	16	02	96	60	6	137	79	7	4	5	/	0	75	73	+ 5	— 4	42.0	—65.0	55.6	71
Khulna	Barisal	000	0	6	00	00	96	02	2	086	86	4	4	4	0	1	79	93	085	5	7	09	02	96	50	9	134	77	2	6	5	7	0	75	73	+ 5	— 4	52.8	—.5.3	62.8	81
	Khulna	000	0	2	00	00	97	03	0	090	90	0	2	4	0	0	90	95	050	6	4	18	05	97	03	0	144	79	2	2	4	0	0	79	75	+ 7	0	64.1	+14.0	70.2	68
	Satkhira	000	6	6	18	02	97	03	2	083	84	6	3	6	7	0	81	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					68
	Jessore	000	8	7	16	03	96	95	9	080	84	5	3	3	2	0	79	93	086	9	8	11	05	97	60	9	137	79	6	6	3	2	1	79	73	+ 3	— 4	51.0	+ 5.6	60.2	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225	3	/	05	02	97	03	9	120	73	4	5	7	9	0	75	73		—	50.4	—	63.2	59
	Sirajganj	000	0	4	05	01	97	02	2	078	86	6	0	7	6	0	79	90	030	9	8	00	00	97	02	2	140	79	8	0	7	1	6	73	73	+ 2	— 3	43.1	— 3.4	56.7	64
	Rajshahi	002	5	8	36	03	94	03	9	098	81	8	6	4	/	/	76	93	106	9	8	09	02	95	03	7	141	79	8	7	5	5	/	75	73	+ 4	— 3	53.5	—	67.6	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	013	9	7	00	00	96	03	1	125	77	5	7	3	2	0	75	//		/	46.7	— 5.0	57.0	69
	Dinajpur	000	0	0	00	00	96	00	0	079	88	0	0	9	0	0	79	93	025	3	5	00	00	96	01	1	137	77	5	0	9	2	/	75	75	+ 4	0	71.7	+14.2	94.7	72
	Rangpur	098	6	7	00	00	96	01	9	091	73	3	0	6	2	0	72	93	098	0	6	09	02	96	01	2	000	75	4	5	6	2	0	73	73	+ 4	— 2	66.6	+ 2.7	85.2	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	06	0	087	93	0	0	9	0	0	69	94	000	0	0	00	00	94	06	0	123	79	0	0	9	0	0	64	73	— 1	+ 8	13.3	— 1.3	17.9	19
	Sialkot	000	0	0	00	00	97	00	0	090	90	0	0	9	0	0	//	96	000	0	0	00	00	96	00	0	080	79	0	0	9	0	0	73	54	/	— 12	27.0	—16.7	11.5	32
Rawalpindi	Jhelum	000	0	1	27	03	96	02	0	073	90	0	0	9	0	/	68	96	000	0	0	00	00	96	02	0	120	77	0	0	9	0	0	62	68	—	—	22.0	—	30.3	—
	Islamabad																																								—
	Rawalpindi	...	...	—	...	...	...	...	—	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	10	0	122	69	0	0	9	0	0	59	64		+ 4	19.1	— 4.6	29.1	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	076	94	0	0	9	0	0	95	96	000	0	0	03	//	98	00	0	102	75	0	0	9	0	0	64	69	— 1	+ 2	3.8	— 6.5	7.2	15
	Sargodha	000	0	0	23	03	97	02	0	080	94	0	0	9	0	0	63	96	000	0	0	00	00	96	04	0	111	77	0	0	9	0	0	64	65	—	—	16.5	—	20.1	—
	Lyallpur	000	9	0	00	00	96	00	0	077	93	0	0	9	0	0	73	96	000	0	0	00	00	96	00	0	085	73	0	0	9	0	0	65	68	+ 1	+ 3	4.6	— 4.7	7.7	12
Multan	Sahiwal	000	0	0	00	00	97	00	0	079	94	0	0	9	0	0	61	97	000	0	0	00	00	96	02	0	103	79	0	0	9	0	0	56	75	0	+	8.0	+ 3.1	11.0	7
	Multan	000	0	0	36	02	94	00	0	056	94	0	0	9	0	0	67	93	000	0	0	36	01	97	03	0	126	81	0	0	9	0	0	64	73	—	—	1.9	—	2.7	8
	Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	109	73	0	0	9	0	0	58	63		— 7	0.2	— 4.6	1.1	6
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	079	96	0	0	9	0	0	76	01	000	0	0	09	00	96	00	0	126	82	0	0	9	0	0	60	73	+ 4	+ 8	0.7	— 3.5	2.0	6
	Bahawalpur																																								8
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—				—
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	98	02	0	110	68	/	/	/	/	/	56	60		—	7.2	—	16.6	—
	Peshawar	000	0	0	50	02	97	02	0	067	88	0	0	9	0	0	63	93	000	0	0	00	00	96	04	0	116	73	0	0	9	0	0	60	65	+ 2	+ 2	4.7	+ 0.2	13.4	11
	Haripur	000	0	0	23	03	98	00	0	066	90	0	0	9	0	0	56	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—			—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	117	69	0	0	9	0	0	60	65	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	///	//	0	0	9	0	0	72	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/	—				9
Quetta	Sibi	000	0	0	18	03	97	02	0	067	03	0	0	9	0	0	56	04	000	0	1	00	39	97	02	0	122	71	0	0	9	0	0	56	70	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	97	02	0	039	00	0	0	9	0	0	39	02	000	0	0	23	03	97	02	0	122	72	0	0	9	0	0	18	48	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	946	00	0	0	9	0	0	87	00	000	0	0	27	02	96	00	0	982	73	0	0	9	0	0	69	10	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	23	07	96	02	0	105	83	0	0	9	0	0	73	90	000	0	0	00	00	96	28	4	124	73	0	0	9	0	0	71	71	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	10	97	02	0	106	91	0	0	9	0	0	56	91	000	0	0	31	10	97	02	0	125	69	0	0	0	0	0	53	05	—	— 19	0.0	— 0.8	0.0	6
																																									6
Karachi division	Ormara	///	0	0	09	00	98	00	0	070	05	0	0	9	0	0	57	06	///	0	0	00	00	98	00	0	112	70	0	0	0	0	0	52	58	—	—	0.7	—	0.7	8
	Lasbela	000	0	0	27	03	97	02	0	091	84	0	0	9	0	0	69	93	000	0	0	31	05	96	02	0	110	77	0	0	9	0	0	66	73	+ 4	— 2	1.0	— 5.0	1.1	8
	Karachi (Manora)	000	0	0	27	07	96	02	0	098	97	0	0	9	0	0	37	01	000	0	0	00	00	96	02	0	113	74	0	0	9	0	0	61	69	—	—	1.5	—	1.5	—
	Karachi (Airport)																																								—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Chhor	091	0	0	00	00	96	02	0	072	99	0	0	9	0	0	53	05	...	0	0	00	00	97	02	0	106	79	0	0	9	0	0	53	74	+ 6	+ 1	0.2	— 5.8	0.3	7
	Hyderabad	000	0	0	23	03	97	02	0	074	03	0	0	9	0	0	43	06	000	0	0	31	02	97	02	0	098	77	0	0	9	0	0	61	70	+ 5	0	0.3	— 6.9	0.3	—
	Badin	000	0	0	31	02	97	02	0	093	12	0	0	9	0	0	66	05	000																						—
Khairpur	Padidan	000	0	0	18	03	96	02	0	074	02	0	0	9	0	0	45	04	000	0	0	13	02	97	02	0	028	78	0	0	9	0	0	53	63	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	13	02	96	02	0	080	02	0	0	9	0	0	47	05	000	0	0	18	03	96	02	0	098	77	0	0	9	0	0	52	67	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	13	03	96	02	0	071	03	0	0	9	0	0	67	04	000	0	0	05	03	96	02	0	099	81	0	0	9	0	0	64	74	—	—	0.1	—	0.1	4
	Kashmore	000	0	0	23	02	98	02	0	067	00	0	0	9	0	0	54	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				10
	Jacobabad	000	0	0	18	05	97	02	0	069	97	0	0	9	0			00	000	0	0	09	02	96	02	0	097	77	0	0	9	0	0	61	71	—	+ 3	2.4	+ 0.2	8.7	26
Lasbela	Veraval																																								—
	ALL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Alisbad *																																								59
	Gilgit *																																								
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	507	67	0	0	9	0	0	//	//	000	0	0	27	03	98	00	0	539	58	0	0	9	0	0	49	54	/	— 2	16.2	—20.2	23.8	18
Peshawar	Drosh *	000	0	0	23	05	98	01	0	476	07	0	0	9	0	0	55	94	000	0	0	00	00	98	02	0	537	60	0	0	9	0	0	33	60	+ 14	+ 4	3.1	—	19.3	29
	Chitral *	000	0	0	36	02	98	00	0	505	81	0	0	9	0	0	52	84	000	0	0	36	02	98	00	0	513	73	0	0	9	0	0	50	//	+ 3	/	3.1	— 9.1	13.4	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	12	98	02	0	527	67	0	0	9	0	0	51	62	—	—	16.1	—	26.8	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	05	98	02	0	///	69	0	0	9	0	0	54	56		—	2.2	—	12.6	29
	Parachinar *	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	528	67	0	0	9	0	0	40	56	5	+ 5	6.3	—	17.0	13
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	05	99	00	0	509	68	0	0	9	0	0	49	65	—	—	0.5	— 4.3	2.0	11
	Wana *	000	0	0	00	00	99	00	0	482	82	0	0	9	0	0	43	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				11
Quetta	Fort Sandeman *	000	0	0	23	02	98	02	0	489	55	0	0	9	0	0	13	89	000	0	0	27	02	97	02	0	511	64	0	0	9	0	0	22	57	+ 3	0	2.2	— 2.9	6.5	—
	Hindubagh *	000	0	0	23	03	96	02	0	479	76	0	0	9	0	0	53	77	000	0	0	00	00	96	02	0	534	56	0	0	9	0	0	41	42	—	—	3.0	—	6.0	9
	Loralai *	000	0	0	18	01	98	04	5	009	46	0	7	9	5	5	94	84	000	0	0	18	02	98	73	4	585	55	0	0	9	0	0	//	48	—	—	0.4	—	0.6	—
	Barkhan *	000	9	0	18	01	98	02	0	476	89	0	0	9	0	0	24	91	000	0	0	31	05	98	02	0	585	68	0	0	9	0	0	46	63	—	—	1.0	—	0.9	14
	Harnai *	000	03	0	00	00	96	02	0	487	90	0	0	9	0	0	49	93	000	0	0	00	00	//	//	0	492	68	0	0	9	0	0	38	//	—	/	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	31	02	97	02	0	503	83	0	0	9	0	0	//	85	000	0	0	00	00	96	02	0	538	82	0	0	9	0	0	14	38	+ 8	— 7	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	23	03	97	00	0	502	87	0	0	9	0	0	53	89	000	0	0	09	03	97	00	0	///	//	0	0	9	0	0	29	63	+ 8	+ 10	2.1	+ 1.8	4.8	—
	Nushki *	000	0	0	31	03	97	02	0	539	92	0	0	9	0	0	57	93	000	0	0	07	05	97	02	0	519	71	0	0	9	0	0	38	67	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	23	05	97	02	0	512	95	0	0	9	0	0	//	98	000	0	0	00	00	97	02	0	514	67	0	0	9	0	0	15	56	+ 8	+ 8	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	30	1.	96	02	0	488	77	0	0	9	0	0	//	82	000	0	8	13	02	97	02	0	531	55	0	0	9	0	0	39	45	+ 5	+ 3	0.8	— 0.4	2.2	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	02	0	058	67	0	0	0	0	0	37	61	—	—	1.8	—	3.2	5
	Panjgur *																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_rt_rt_r$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wT}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Mustansir	99 2 10	30 6 92	07 1 83	03 6 07	98 0 08	10 7 82	00 9 00	...	74 5 06		...	...	...	...
Mustansir	99 2 12	30 6 85	06 0 03	23 6 09	97 0 10	10 2 80	20 6 10	...	74 0 10		...	...	...	...
Barapta	99 2 18	10 6 83	06 0 63	03 2 10	98 0 20	11 6 86	00 9 00	—	74 2 12		00 4 73	...	30 5 01	...
Barpeta	99 2 31	10 6 75	08 1 23	02 8 10	99 0 20	09 4 80	00 9 00	...	74 6 09		00 3 74	18 1 05	30 5 01	...
Kampala	99 2 15	10 6 58	08 1 23	03 5 03	99 0 20	10 5 28	00 9 00	10 5 28	...		05 1 26	...	30 1 06	...
Avadracht	99 1 58	10 5 77	08 4 23	03 5 05	99 0 20	10 4 26	00 9 00	...	...		0 / / 21	12 7 18	30 2 01	18 5 02
Mustamsir	99 2 20	30 6 80	06 0 63	23 6 09	58 0 00	12 5 83	80 9 00	...	74 0 10		...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPo/o ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	809 246 10	...	495 170 03	144 060 11	583 073 28	753 171 17	963 315 23	237 493 / /	...	...	...	...	...
Dacca ...	00 00	011 252 12	...	460 154 50	124 046 56	580 075 11	750 195 / /	959 329 / /	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	076 230 51	...	500 204 56	151 080 32	582 155 / /	748 251 / /	015 309 50	...	...	...	...	...	...
Multan ...	00 00	995 240 27	...	550 210 59	...	576 135 / /	743 241 / /	949 /// / /	...	...	...	...	...	...
Peshawar ...	00 00	569 198 58	...	420 176 60	120 114 161	584 081 60	725 215 / /	007 303 59	234 499 / /	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	997 214 30	...	500 184 50	196 074 56	587 125 / /	754 241 / /	960 355 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{ta}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong ...	00 00	900 188 12	800 140 27	600 001 18		...	...	...	...	...	...	...
Dacca ...	00 00	900 180 43	800 118 58	600 015 61	350 254 / /	...	...	...	...	...	...	...
Gilgit ...												
Jiwani ...												
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	355 12	345 09	345 05	...	035 04	...	...	...	...	075 84	060 04	040 04	...	095 04	...
Chaklala ...	...	290 09	298 08	030 08	350 02	060 07	075 86	/// / /	025 07	...	115 04	270 06	290 09	295 05	350 11
Chhor ...	200 04	225 04	/// / /	255 09	335 04	050 09	345 11	050 09	354 / /	290 24	290 10	275 50	210 03	110 04	065 11
Chittagong ...	240 12	235 10	235 02	240 02	145 03	095 11	125 13	145 12	...	...	...	...	...	...	...
Cox's Bazar ...	228 11	230 13	230 11	220 09	180 05	140 08	165 13	165 27	160 21	115 12	145 04	130 17	125 13	115 12	145 17
Dacca ...	075 07	150 03	195 03	210 06	185 08	180 06	...	...	...	...	...	...	...	...	...
Dalbandin ...			285 09	255 14	265 11	335 14	340 16	010 13	355 16	...	...	020 05	055 08	020 07	175 04
D. I. Khan ...	190 03	170 05	170 08	150 10	160 09	014 01	285 / /	355 12	340 17	160 03	170 03	185 03	210 04	225 09	325 25
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	275 02	050 01	300 04	275 07	275 09	300 06	...	...	...	225 03	285 10	335 14
Jacobabad ...	190 13	185 03	195 13	195 12	225 10	165 04	355 08	265 06	295 10	210 08	265 09	210 12	235 09	270 07	345 14
Jessore ...	295 12	195 13	193 12	185 09	185 12	...	...	...	...	095 12	115 11	120 10	...	...	...
Jhelum ...										015 03	380 05	330 09	295 09	255 04	280 05
Jiwani ...	225 13	235 12	240 10	290 06	010 10	075 13	080 / /	035 14	045 17	280 14	260 12	265 18	// 5 16	075 04	/// 21
Karachi ...	265 13	285 08	280 08	280 07	165 04	065 05	055 15	025 13	010 14	...	...	...	...	...	...
Khanpur ...	250 08	270 04	280 06	285 13	330 12	305 13	295 04	010 21	355 16	255 08	250 06	240 06	255 07	275 09	285 17
Lahore ...	345 03	335 03	330 03	210 04	305 06	345 09	330 07	345 08	355 09	230 02	255 04	260 05	325 05	010 04	020 05
Multan ...	155 03	150 05	150 07	155 04	255 03	300 08	350 07	345 15	355 09	150 31	165 25	185 15	275 08	295 07	325 15
Nawab Shah ...	220 03	210 03	210 04	200 03	140 04	040 10	030 13	025 08	...	205 10	230 14	220 17	195 06	180 03	195 06
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 02	165 01	225 07	245 09	345 00	360 10	085 12	331 50	...	005 06	360 09	230 04	270 03	310 16
Quetta ...	...	...	...	...	325 04	245 06	335 05	335 12	345 18	...	...	...	...	010 04	320 09
Sargodha ...	185 05	210 06	220 08	270 03	005 19	150 13	350 24	350 20	350 16	240 06	235 08	270 06	190 03	130 01	345 13
Sylhet ...	315 04	312 02	360 02	330 03	350 03	...	...	...	...	100 13	195 11	085 03	...	220 03	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	110 03	130 10	130 13	...	130 13	...	...	...	...	...	...
Chaklala ...	...	150 03	280 02	265 06	240 06	330 06	040 05	015 06	345 04	...	...
Chhor ...	315 02	295 20	285 04	255 07	175 05	085 16	030 03	320 04	335 11	...	...
Chittagong ...	095 04	140 07		135 07	...	...	...	...	...	...	...
Cox's Bazar ...	230 07	170 02	130 05	...	140 16	...	...	...	...	...	...
Dacca ...	070 02	115 03	125 04	130 08	155 13	...	...	...	...	...	...
Dalbandin ...	...	...	075 05	060 10	080 11	025 10	315 09	340 10	340 12	...	...
D. I. Khan ...	190 06	195 09	200 11	170 07	135 10	225 03	345 03	320 07	355 04	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	210 03	275 11	325 15	310 52	290 07	/16 96	...	...
Jacobabad ...	115 01	090 07	210 01	210 14	215 13	285 07	020 35	070 11	095 18	...	...
Jessore ...	...	...	No	Ascent	...	...	...	...	...	...	...
Jhelum ...	120 04	130 06	165 03	/// 79	305 03	/// 08	300 65	305 07	290 06	...	...
Jiwani ...	265 12	265 13	260 10	290 06	325 07	015 10	065 19	065 12	030 09	...	...
Karachi ...	295 08	285 13	275 13	250 89	015 08	055 14	075 18	030 31	010 07	...	...
Khanpur ...	255 08	260 13	255 08	255 08	345 15	235 13	240 20	295 08	330 09	...	...
Lahore ...	265 10	208 03	195 03	195 02	275 01	080 02	190 04	235 03	245 04	...	...
Multan ...	155 04	160 13	170 12	070 02	120 08	145 09	355 04	125 04	340 15	...	...
Nawab Shah ...	175 04	210 06	205 09	020 03	035 03	064 08	070 07	060 08	065 11	...	...
Panjgur ...	...	...	...	340 07	345 07	005 08	360 09	005 08	350 09	...	...
Peshawar ...	...	355 09	330 07	250 05	215 06	285 09	325 14	325 13	340 15	...	...
Quetta ...	...	...	...	...	335 03	345 04	340 57	320 11	325 15	...	...
Sargodha ...	265 06	330 07	210 06	180 04	075 07	360 17	/// 11	095 05	...	...	...
Sylhet ...	125 12	100 11	078 18	055 12	090 07	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	280 20	275 22	270 17	245 10	210 08	040 17	040 14	020 15	010 15	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

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

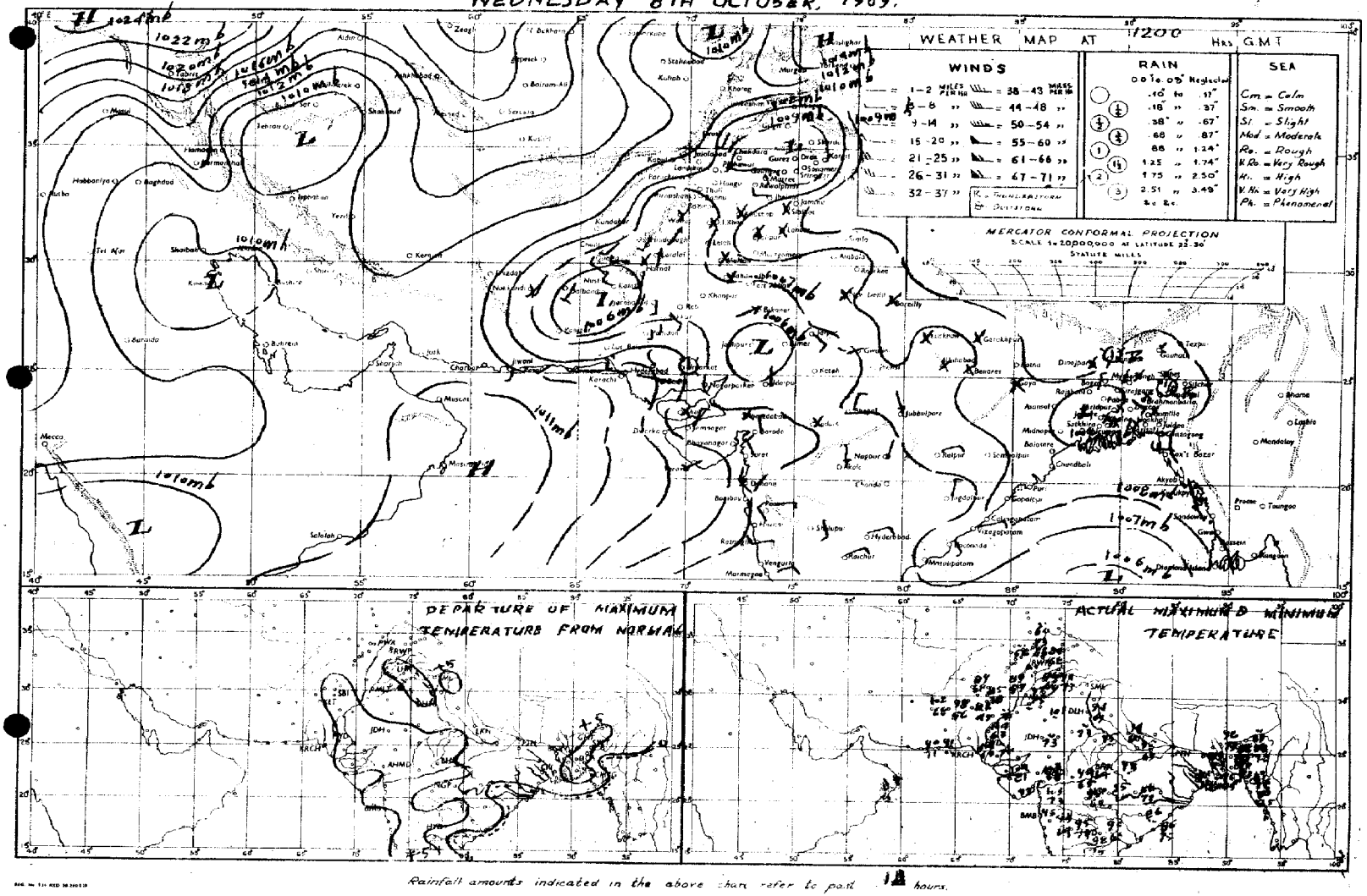
ff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

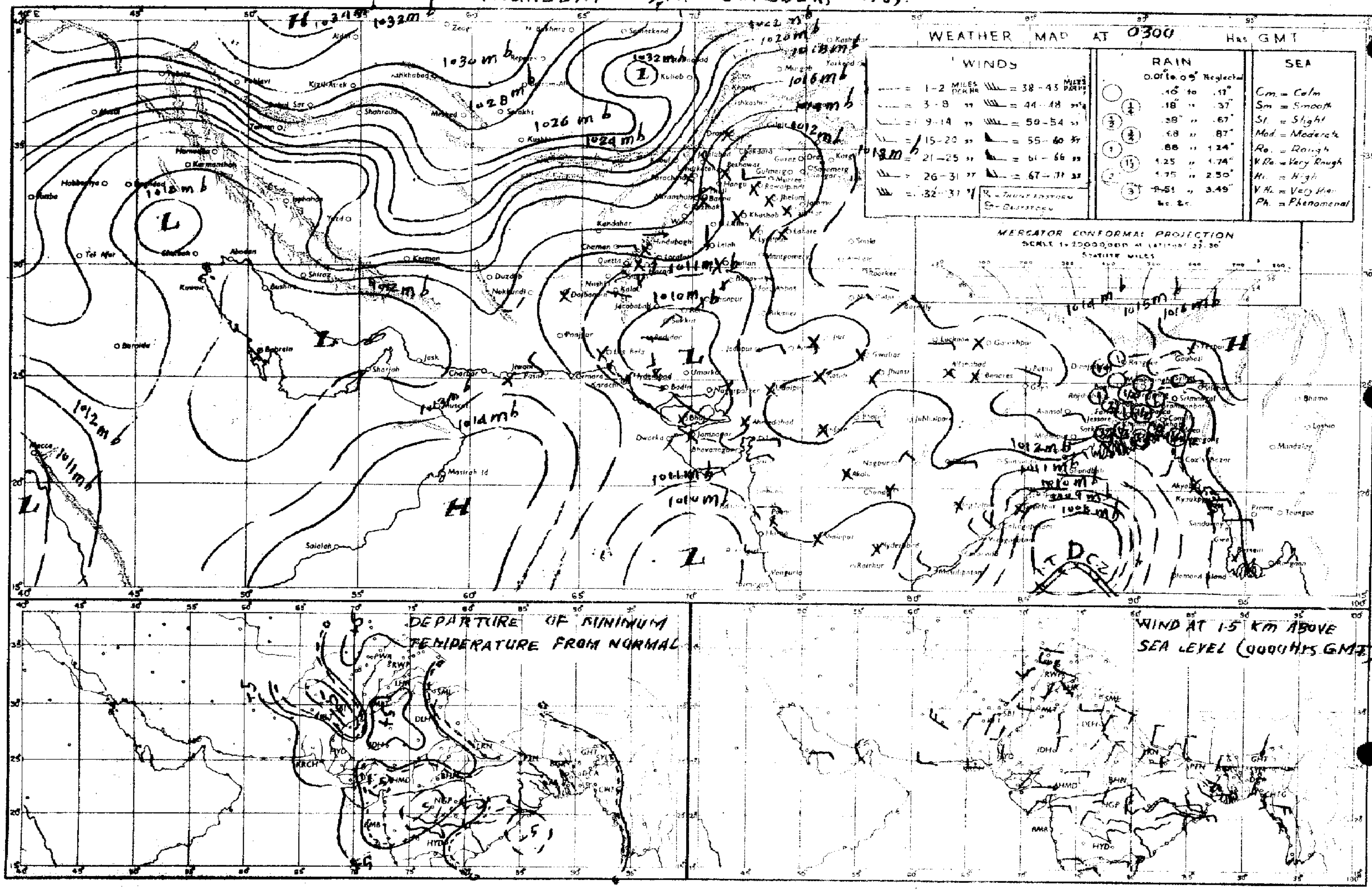
WEDNESDAY 8TH OCTOBER, 1969.



Rainfall amounts indicated in the above chart refer to past 18 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 9TH OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 10th OCTOBER 1969.

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

Observations lacking but believe yesterday's depression moved northwards and was centred at 09,1200 G.M.T. with in one degree of latitude 18 °N and longitude 87½ °E. Observation again lacking but believe it continued moving in the same direction, rapidly intensified into a deep depression and now lies probably as cyclonic storm of smal score-centred at 10,0300 G.M.T. with in half a degree of latitude 20½ °N and longitude 87½° °E. It is likely to move in a north/north east direction and cross West Bengal coast near Saugar Islands this afternoon. Rain/thundershowers have been widespread in Khulna division local in Dacca division and scattered elsewhere in East-Pakistan. A westerly low pressure wave is moving across north of Peshawar division. The seasonal low pressure area extends from Kalat division to D.I. Khan division. Weather remained dry over West Pakistan.

Chief amounts of rainfall are: Khulna, Satkhira and Dinajpur 1/2" each and Sylhet Faridpur, Jessore and Rangpur ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Rawalpindi, Multan, Bahawalpur, Peshawar, Quetta, Kalat and Hyderabad division and to the same extent below normal in East Pakistan.

Forecast valid until the evening of 11th October 1969 :— Widespread rain/thundershowers are likely to occur in East Pakistan with gusty/squally winds in Khulna division. Scattered thunderstorm/showers are also likely to occur in Peshawar, Rawalpindi division and in Kashmir. Weather will be dry elsewhere in West Pakistan.

Karachi-11
The 10th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† Vv	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Height of Lowest Cloud † h	Medium Cloud from † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	As 0000 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 † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date 39	Departure from normal 40	Since 1st January, 1969 to-date 41	Annual Normal 42
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				
Chittagong	Rangamati	000	0	7	23	02	97	02	/	125	81	5	7	6	7	/	77	90	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	000	0	8	36	03	96	02	2	114	82	3	3	4	3	0	77	84	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	— 3					140
	Chittagong	000	0	7	00	00	//	03	0	120	81	2	4	5	2	0	77	84	002	9	7	09	00	96	60	9	144	77	3	4	4	2	0	75	74	— 3	— 1	50.6	—29.5	103.8	109
	Maijdee Court	000	9	8	20	00	94	03	2	114	81	3	4	5	3	0	76	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					115
	Comilla	000	8	7	00	00	96	03	2	122	//	7	4	4	0	0	76	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					94
	Brahmanbaria	000	0	7	00	00	96	02	1	121	81	7	5	5	0	0	77	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	001	4	7	00	00	//	07	9	109	81	3	3	4	7	0	77	86	020	6	8	09	05	97	02	6	149	75	2	5	5	2	1	73	73	—		116.8	—	144.7	—
	Srimangal	018	9	8	00	00	//	//	9	119	81	5	9	4	7	2	77	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					98
Dacca	Mymensingh	000	0	6	00	00	//	02	2	124	81	6	4	4	0	0	79	82	000	0	6	05	02	97	02	2	149	84	6	4	6	0	0	73	75	— 6	— 1	60.7	— 4.7	75.8	91
	Narayanganj	002	2	8	00	00	//	50	6	121	79	8	7	3	/	/	77	81	011	0	8	09	02	97	02	2	112	79	/	6	3	/	/	73	73	— 8	— 2	51.1	+ 0.8	74.5	74
	Dacca (Tejgaon)	004	5	8	00	00	96	02	6	122	79	2	2	5	2	/	76	81	003	9	7	03	05	96	01	2	133	79	2	5	5	7	8	73	75	—	—	52.6	—	63.7	—
	Faridpur	015	7	8	16	02	96	61	6	118	79	6	5	4	1	0	76	82	024	0	8	05	05	96	60	2	135	79	6	4	4	1	0	75	73	— 6	— 4	42.3	— 6.4	66.9	71
Khulna	Barisal	007	4	8	//	//	//	61	6	127	79	6	7	4	2	/	77	81	016	0	8	09	03	96	50	2	136	79	6	8	4	2	0	77	75	— 7	— 2	53.0	— 5.4	63.0	81
	Khulna	015	9	7	18	05	97	03	0	133	96	2	2	4	0	3	76	//	000	9	7	18	05	97	03	0	135	75	4	2	4	0	3	69	75	/	0	64.7	+14.4	70.8	68
	Satkhira	010	1	8	00	00	97	50	5	129	76	8	7	5	6	0	76	//	050	1	8	05	03	97	60	5	137	75	8	6	5	0	0	75	73	/	— 2	—	—	—	68
	Jessore	011	7	8	09	03	97	61	6	122	76	3	5	4	2	1	76	84	030	9	8	07	06	97	61	6	128	77	3	6	3	2	1	73	73	— 6	— 4	52.1	+ 6.8	60.5	68
Rajshahi	Pabna	000	8	8	00	00	//	03	2	123	79	8	0	9	9	0	76	93	000	0	8	05	05	97	03	2	132	81	3	5	7	9	0	69	77	—	—	50.4	—	63.2	59
	Sirajganj	000	0	8	16	02	97	02	2	127	81	9	0	7	8	0	76	84	...	..	..	..	..	..	..	..	...	..	..	..	...	...	...	...	...	— 4					64
	Rajshahi	003	1	6	00	00	95	03	6	131	79	4	7	5	2	/	73	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					—
	Bogra	000	0	6	00	00	96	01	2	121	81	4	5	4	3	0	76	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					69
	Dinajpur	012	3	3	00	00	91	04	6	110	82	3	0	1	2	/	76	86	060	2	8	36	02	96	66	6	154	73	8	5	6	/	/	73	73	— 3	— 2	72.4	+14.6	95.4	72
	Rangpur	000	0	4	00	00	96	01	2	983	81	2	2	6	2	0	77	84	020	6	7	05	05	96	03	0	154	78	7	5	6	0	0	75	73	— 5	— 2	67.0	+ 2.8	85.5	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	06	0	092	93	2	2	6	0	0	59	94	000	0	0	00	00	95	06	0	129	81	0	0	9	0	0	64	73	— 1	+ 8	13.3	— 1.3	17.8	19
	Sialkot	000	0	0	00	00	99	00	0	999	90	0	0	9	0	0	50	94	000	0	0	00	00	99	00	0	130	77	0	0	9	0	0	69	62	0	— 4	69.3	—16.7	11.5	33
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	/	00	00	96	01	0	133	77	1	0	9	3	0	64	73		—	22.0	—	30.3	—
	Islamabad																																								—
	Rawalpindi	000	0	0	00	00	99	00	0	085	88	0	0	9	0	0	63	94	000	0	0	00	00	97	00	0	138	73	0	0	9	0	0	60	65	+ 3	+ 5	19.1	— 4.6	29.1	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	079	93	0	0	9	0	0	72	96	000	0	0	09	//	97	00	0	131	73	0	0	9	0	0	65	//	— 1	/	3.8	— 6.5	7.2	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	02	96	04	0	127	75	0	0	9	0	0	64	68	—	—	16.5	—	—	—
	Lyallpur	000	0	0	00	00	96	00	0	096	93	0	0	9	0	0	68	96	000	0	0	29	03	96	00	0	115	77	0	0	9	0	0	65	73	— 1	+ 8	4.6	— 4.6	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	0	00	00	97	02	0	087	94	0	0	9	0	0	56	00	000	0	0	00	00	97	02	0	199	75	0	0	9	0	0	73	69	+ 3	+ 2	8.0	+ 3.2	11.0	7
	Laiah	000	0	0	36	01	94	00	0	101	91	0	0	9	0	0	64	96	000	0	0	36	01	92	00	0	115	81	0	0	9	0	0	62	73	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	079	01	0	0	9	0	0	59	01	000	0	0	36	02	97	02	0	112	75	0	0	9	0	0	59	60	+ 3	— 7	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	080	95	0	0	9	0	0	79	99	000	0	0	00	00	96	00	0	114	82	0	0	9	0	0	64	73	+ 2	+ 8	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	0	05	02	96	02	0	062	99	0	0	9	0	/	81	99	///	/	0	23	02	98	03	0	///	//	0	0	9	0	0	59	69	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	36	02	98	02	0	066	84	0	0	9	0	0	58	90	009	0	6	06	00	97	03	1	126	65	0	0	9	3	0	59	62	—	—	7.3	—	16.6	—
	Peshawar	000	0	0	36	02	96	05	0	077	88	0	0	9	0	0	67	90	000	0	8	31	02	96	05	0	131	73	5	0	9	0	0	59	//	— 1	/	4.7	+ 0.2	13.4	11
	Haripur	000	0	0	13	03	98	06	0	078	86	0	0	9	0	0	54	98	000	2	5	05	03	97	03	2	143	75	0	0	9	3	0	56	64	—	—	8.3	—	18.5	—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	079	90	0	0	9	0	0	61	93	000	0	0	27	02	99	00	0	127	69	0	0	9	0	0	60	68	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	082	94	0	0	9	0	0	73	96	000	0	0	00	00	96	02	0	124	75	0	0	0	0	0	64	69	—	— 4	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	068	03	0	0	9	0	0	69	04	000	0	0	00	00	97	02	0	108	71	0	0	9	0	0	62	70	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	10	97	02	0	068	95	0	0	9	0	0	41	99	000	0	0	05	02	96	02	0	153	68	0	0	9	0	0	46	63	—	—	0.2	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	956	02	0	0	9	0	0	86	02	000	0	0	27	02	96	00	0	946	72	0	0	9	0	0	69	18	—	—	0.2	—	0.3	—
	Jiwani	000	0	0	23	07	96	02	0	105	85	0	0	9	0	0	73	89	000	0	0	00	00	96	02	0	120	75	0	0	9	0	0	73	71	—	—	0.8	—	2.0	3
	Pasni	000	0	0	25	18	97	02	0	103	89	0	0	9	0	0	68	95	030	0	0	25	04	97	02	0	117	71	0	0	0	0	0	69	52	+ 4	— 17	0.0	— 0.8	0.0	6
Karachi division	Ormara																																								6
	Lasbela	///	0	0	13	02	98	00	0	078	03	0	0	8	0	0	56	06	...	..	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	—	—				8
	Karachi (Manora)	000	0	0	27	07	97	02	0	090	82	0	0	9	0	0	72	85	000	0	0	27	03	96	02	0	117	77	0	0	9	0	0	73	74	— 2	— 1	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	0	27	12	96	02	0	093	95	0	0	9	0	0	44	98	000	0	0	25	03	96	02	0	119	71	0	0	9	0	0	59	63	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	27	02	97	02	0	109	02	0	0	0	0	0	02	05	...	..	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor																																								7
	Hyderabad	000	0	0	23	05	97	02	0	092	01	0	0	9	0	0	36	07	000	0	0	00	00	97	02	0	111	80	0	0	9	0	0	51	76	/	+ 3	0.2	— 5.8	0.3	9
	Badin	000	0	0	31	04	97	02	0	096	00	0	0	9	0	0	61	04	000	0	0	27	01	97	02	0	002	71	0	0	9	0	0	55	69	+ 6	— 1	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	03	97	02	0	075	02	0	0	9	0	0	47	05	000	0	0	13	02	97	02	0	100	75	0	0	9	0	0	57	66	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	05	96	02	0	082	//	0	0	9	0	0	55	06	000	0	0	00	00	96	00	2	106	90	0	0	9	0	0	57	67	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	063	03	0	0	9	0	0	59	07	000	0	0	13	03	96	02	0	108	81	0	0	9	0	0	64	74	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	02	98	02	0	072	02	0	0	9	0	0	52	04	000	0	0	05	02	98	02	0	111	87	0	0	9	0	0	53	67	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	02	97	02	0	072	99	0	0	9	0		57	00	000	0	0	09	02	96	02	0	105	75	0	0	9	0	0	64	71	—	+ 3	2.4	— 0.2	2.7	50
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								—
	Dras ** ...																																								3
	Leh ** ...																																								6
	Skardu * ...																																								—
	Misgar ** ...																																								—
	Aliabad * ...																																								5
	Gilgit * ...																																								59
Rawalpindi	Murree * ...	000	0	0	31	03	98	00	0	508	65	0	0	9	0	0	44	67	000	0	3	27	03	98	01	1	537	58	0	0	9	8	0	47	54	— 1	+ 2	16.2	—20.2	33.8	18
Peshawar	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	97	03	0	538	65	5	2	7	6	0	18	65		+ 9	3.1	—	19.3	29
	Chitral * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	98	00	0	520	63	0	0	9	4	0	54	//		/	3.1	— 9.1	13.4	—
	Kalam * ...	000	0	0	36	02	98	02	0	521	79	0	0	9	0	0	58	82	000	0	3	13	03	97	03	0	539	//	3	4	4	0	0	51	61	—	—	16.1	—	26.8	—
	Landikotal * ...	000	0	3	31	05	98	02	0	604	81	1	1	6	3	0	73	//	000	0	0	36	02	98	02	0	647	77	0	0	9	0	0	54	58	/	—	3.1	—	13.4	29
	Parachinar * ...	000	0	0	13	05	98	03	0	511	76	0	0	9	0	0	48	79	000	0	0	00	00	98	02	0	544	60	0	0	9	0	0	47	56	+ 3	+ 5	6.3	—	17.0	13
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	423	88	0	0	9	0	0	45	90	000	0	0	05	05	99	00	0	429	65	0	0	9	0	0	47	60	—	—	0.5	— 4.2	2.0	11
	Wana * ...																																								11
Quetta	Fort Sandeman * ...	000	0	0	00	00	98	02	0	497	87	0	0	9	0	0	08	89	000	0	0	00	00	97	02	0	518	60	0	0	9	0	0	40	59	+ 4	+ 2	2.2	— 2.9	6.5	—
	Hindubagh * ...	000	0	0	27	03	97	02	0	461	76	0	0	9	0	0	47	80	000	0	0	27	02	97	02	0	508	58	0	0	9	0	0	33	42	—	—	3.0	—	6.0	9
	Loralai * ...	000	0	0	27	07	98	00	0	390	80	0	0	9	0	0	48	87	000	0	0	18	02	98	00	0	395	55	0	0	9	0	0	45	48	—	—	0.4	—	0.6	—
	Barkhan * ...	000	0	0	18	02	98	02	0	482	89	0	0	9	0	0	54	92	000	0	0	31	05	98	02	0	489	69	0	0	9	0	0	46	64	—	—	1.0	—	1.0	14
	Harnai * ...	000	0	0	00	00	96	02	0	504	92	0	0	9	0	0	70	//	000	0	0	00	00	96	02	0	489	70	0	0	9	0	0	41	80	/	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) * ...	000	0	0	27	03	97	02	0	506	82	0	0	9	0	0	37	81	000	0	0	00	00	96	02	0	543	65	0	0	9	0	0	32	57	—	—	—	—	—	8
	Chaman * ...	000	0	0	27	03	97	00	0	517	88	0	0	9	0	0	40	89	000	0	0	09	03	97	00	0	530	67	0	0	9	0	0	39	68	+ 8	+ 7	2.1	+ 1.8	2.7	—
	Nushki * ...	000	0	0	27	03	97	02	0	569	91	0	0	9	0	0	56	93	000	0	0	00	00	97	00	0	558	70	0	0	9	0	0	37	00	—	—	0.5	—	2.6	4
	Dalbandin * ...	000	0	0	13	02	97	02	0	526	94	0	0	9	0	0	35	98	000	0	0	00	00	97	00	0	516	61	0	0	9	0	0	37	58	/	+ 7	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	31	02	96	02	0	497	75	0	0	9	0	0	45	89	000	0	0	13	02	97	02	0	533	57	0	0	9	0	0	42	44	+ 3	+ 2	0.8	— 0.4	2.2	—
	Khuzdar * ...	000	0	0	27	02	97	02	0	490	91	0	0	9	0	0	27	92	000	0	0	36	02	96	02	0	578	66	0	0	9	0	0	27	61	—	—	1.8	—	3.2	5
	Panjgur * ...																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_oCh_oh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Avendrecht	99 2 05	10 2 95	09 3 43	00 9 00	98 0 20	15 1 27	03 9 00		...	...	0 / / 22	12 6 10	30 0 00	00 0 00
Avedrecht	99 2 20	10 6 00	09 4 23	02 0 04	99 0 20	11 8 27	00 9 00		...	...	0 / / 19	12 5 96	30 1 01	00 / 00
British	99 2 14	10 6 95	09 1 23	03 1 16	98 0 20	08 9 28	00 / 00		73 6 09	...	0 / / 22	12 4 39	30 2 02	31 5 23
Freedom	99 2 24	10 6 89	09 1 83	03 3 16	98 0 20	11 0 26	00 9 00		...	83 1 12	0 / / 22	12 4 56	30 3 02	32 5 04

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_sP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 250 15	...	470 176 36	140 070 00	584 061 93	785 156 15	966 309 36	241 529 / /	...	...	...	...	...
Dacca ...	00 00	011 260 27	...	500 174 59	147 064 59	584 055 56	758 145 59	971 297 60	248 509 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	082 228 76	...	500 154 60	103 044 / /	576 093 / /	744 205 / /	950 351 / /	226 485 / /	...	...	...	...	...
Multan ...	00 00	996 222 40	...	480 176 61	112 070 15	573 231 / /	735 315 / /	933 441 / /	...	...	...	...	...	...
Peshawar ...	00 00	971 198 59	...	533 198 47	132 074 32	583 049 / /	733 189 / /	960 355 / /	...	...	...	...	...	...
Quetta ...	00 00	825 145 62	...	...	143 048 48	579 145 / /	743 300 / /	...	...	...	...	...	...	...
Sargodha ...	00 00	999 264 45	...	580 170 32	274 090 / /	599 055 / /	771 161 / /	982 276 / /	532 202 81	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT$_a$ DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 42	800 134 28	600 006 23	350 225 33	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 208 58	800 144 57	600 010 43	350 215 61	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0900 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION ↓	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	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
Barisal ...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	150 06	160 13	...	155 16	140 13	...	...	...	...	095 19	100 17	110 15	125 15	135 15	...	150 03	150 19	150 26	155 27	180 15	...	...	...	...	...	...
Chaklala ...	...	265 06	250 04	235 05	200 04	165 04	315 09	360 13	345 12	...	No	Ascent	...	...	...	045 17	070 27	180 24	120 19	...	...	...	...	...	...	...
Chhor ...	230 06	225 04	250 02	259 85	170 00	350 02	355 08	050 06	335 10	...	095 03	250 04	305 10	290 05	350 10	...	185 03	205 07	270 05	235 04	305 06	305 12	290 12	315 15	...	...
Chittagong ...	335 09	330 07	300 06	215 06	215 13	169 19	...	...	...	265 19	260 13	215 09	270 10	105 10	050 27	075 09	255 08	210 07	180 07	140 07	085 12	330 09	355 13	330 15	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	080 04	150 45	009 04	...	...	...	...	...	...	...	...
Cox's Bazar ...	330 09	315 06	260 07	195 12	185 17	...	...	...	...	155 13	155 15	165 15	165 17	160 19	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	290 02	325 03	055 01	...	120 03	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	125 01	115 04	325 01	340 10	335 11	340 16	330 24	...	...	055 10	070 14	085 06	245 06	095 09	090 15	125 17	125 13	135 13	...	...	...	...	...	...
D. I. Khan ...	140 04	150 04	150 07	135 12	135 07	250 06	270 12	305 13	305 13	090 07	105 08	110 09	125 06	165 04	235 05	090 03	135 05	075 08	085 14	075 10	115 05	090 27	100 06	360 15	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	180 01	2.5 04	200 08	...	...	...	115 05	215 06	300 08	275 11	275 09	325 08	...	...
Fort Sandeman ...	...	...	...	180 01	220 04	265 08	300 15	315 08	335 19	...	...	...	065 06	360 10	315 06	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	295 01	315 04	310 21	310 21	265 20	265 21	...	...
Jacobabad ...	190 04	205 84	210 03	195 01	355 03	215 02	285 07	295 11	310 11	155 07	180 05	190 07	215 09	210 05	290 54	110 07	150 06	205 11	205 17	205 14	255 05	230 03	125 12	120 13	...	...
Jessore ...	...	...	No	Ascent	...	...	...	...	...	080 13	080 13	090 14	115 17	125 20	...	...	No	Ascent	...	...	...	...	...	...	...	...
Jhelum ...	210 06	210 08	230 07	290 04	330 06	360 10	340 12	340 12	340 10	145 05	145 09	225 04	255 05	305 07	260 09	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	245 14	255 14	260 11	355 05	360 08	050 11	095 07	360 09	355 12	270 13	285 16	295 16	355 03	070 06	020 08	260 09	265 11	285 09	295 02	340 03	015 12	035 22	050 18	025 10	...	...
Karachi ...	265 14	260 11	245 09	220 04	045 05	050 11	360 10	360 15	350 14	...	...	...	...	...	...	285 54	245 08	245 10	225 09	045 06	075 13	080 11	360 09	020 09	...	...
Khanpur ...	260 06	255 07	255 06	235 18	231 07	270 05	310 10	355 07	320 13	240 10	240 11	245 13	275 14	305 16	335 10	350 12	355 15	360 16	360 15	310 12	265 15	265 19	260 19	249 01	...	...
Khuzdar ...	...	...	...	240 04	183 03	090 02	330 06	350 09	355 12	...	...	...	285 10	320 09	345 08	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	230 01	310 01	250 02	240 02	050 03	315 07	300 11	310 10	305 09	140 11	145 13	163 09	125 08	115 06	100 06	165 04	180 06	150 05	120 06	095 08	080 07	345 15	345 19	310 17	...	...
Multan ...	100 04	115 06	115 07	145 06	215 02	295 01	005 10	340 11	325 11	145 17	125 08	100 03	285 07	260 06	275 08	135 38	140 30	155 25	175 21	210 19	270 43	045 41	045 18	045 17	...	...
Nawab Shah ...	180 16	195 15	225 12	245 06	280 05	010 05	080 07	...	...	...	...	...	...	...	...	230 12	235 12	230 08	235 05	140 08	115 12	310 10	025 16	320 18	...	...
Nokkundi ...	...	...	315 15	315 14	300 06	345 10	355 24	010 34	015 22	...	...	350 11	340 15	260 13	340 14	...	...	180 04	125 06	065 10	005 26	360 12	330 07	325 10	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 06	055 08	135 12	156 13	210 14	305 13	325 08	305 11	...	330 15	251 12	205 10	205 10	145 10	...	025 03	260 03	185 07	200 07	215 06	280 3/	290 17	290 34	...	...
Parachinar ...	...	...	...	074 50	130 07	320 12	315 11	...	325 13	...	...	...	233 03	090 05	...	...	...	...	130 03	140 03	280 22	285 12	...	275 20	...	...
Quetta ...	...	...	...	...	320 04	245 13	320 09	325 15	335 15	...	...	...	...	...	...	...	...	...	...	265 05	275 07	295 10	310 13	315 15	...	...
Sargodha ...	110 03	160 04	165 05	265 04	310 02	315 20	025 18	040 26	050 22	135 08	140 08	145 08	125 08	105 / /	100 03	105 02	150 06	155 07	140 06	110 08	345 09	310 12	330 09	305 17	...	...
Skardu ...	...	...	...	316 01	...	095 07	160 05	...	070 08	...	...	...	316 01	...	095 07	...	...	...	080 01	...	170 04	175 05	275 11	220 32	...	...
Sylhet ...	075 03	070 12	050 12	085 07	070 07	...	...	...	...	090 25	090 25	080 19	185 17	135 03	...	/// //	/// //	/// //	080 21	110 13	190 12	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	070 17	070 21	070 17	...	150 18	...	210 25	...	195 11	...	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	240 15	280 16	265 17	113 85	235 10	255 14	030 24	300 15	010 14	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP – Pressure in hundreds tens and units of millibars.

DD – Dew point depression.

hhh – (heights) – Tens of geopotential metres.

TT – Dry bulb temperatures in °C

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

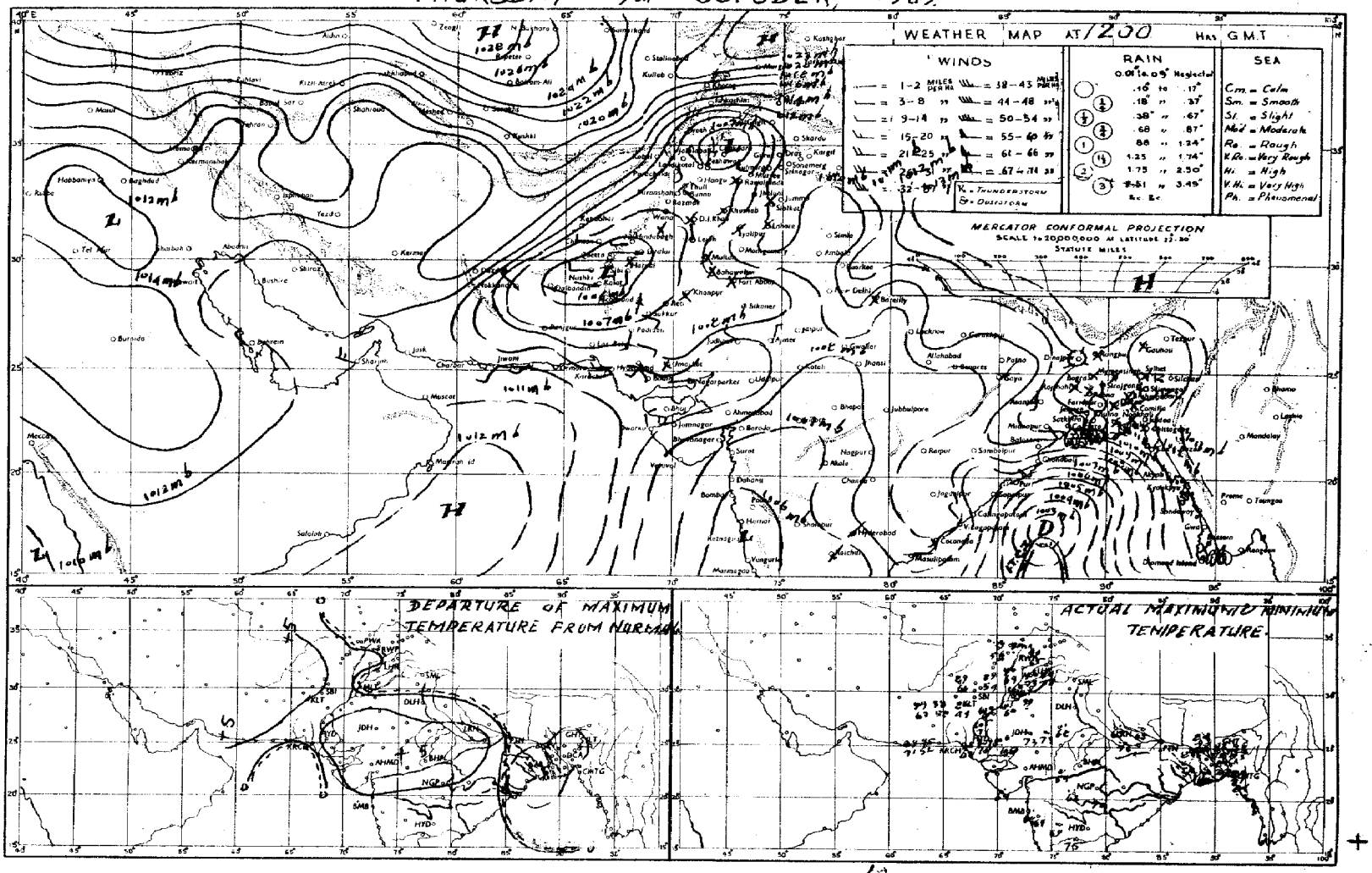
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

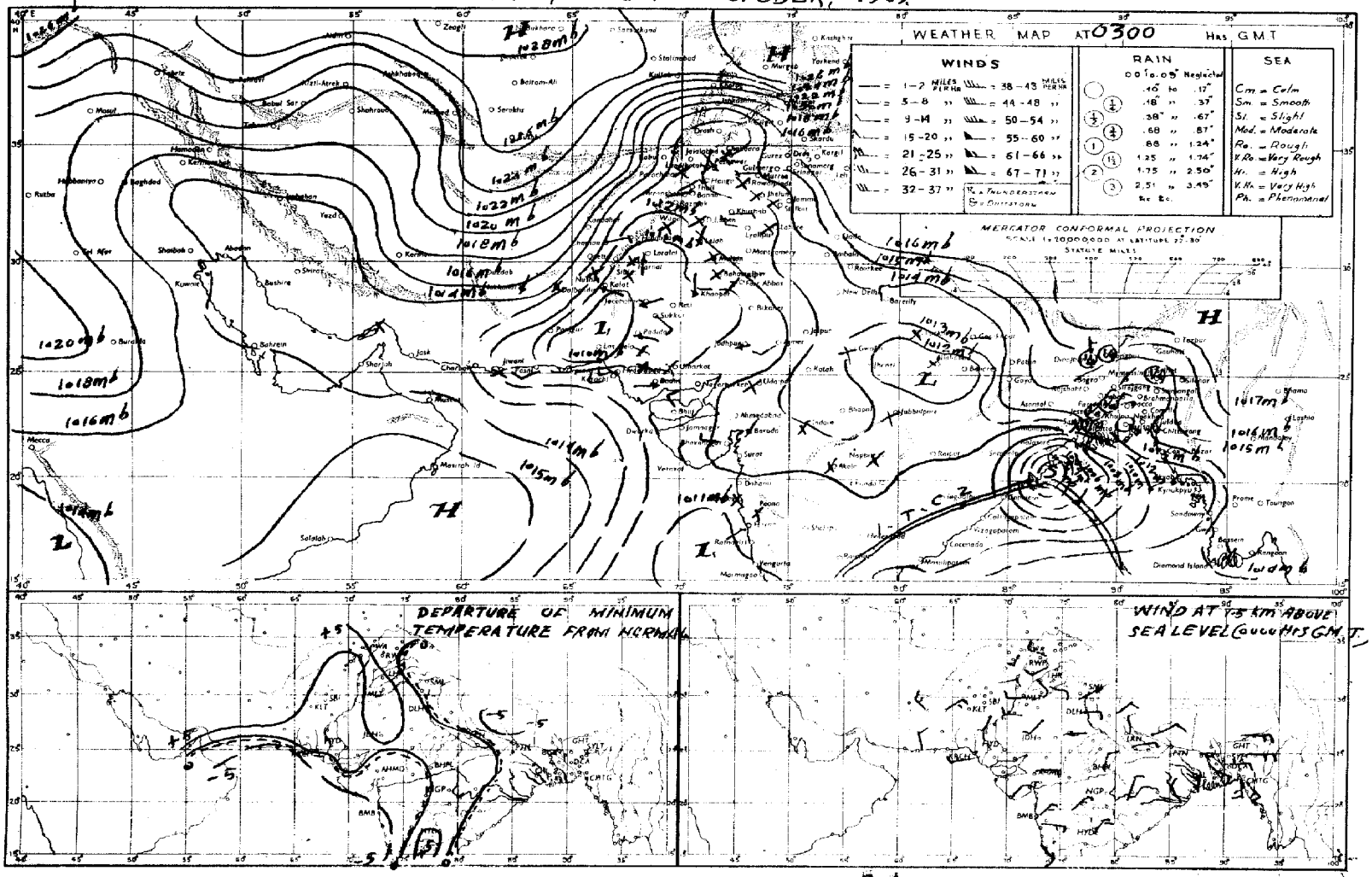
THURSDAY 9th OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 10th OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 11th OCTOBER 1969.

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

Yesterday morning's cyclonic storm of small core had moved northeastwards and was centred at 101200 G.M.T. within half a degree of latitude 21½ °N longitude 88½ °E. Observations lacking but believe it crossed coast near longitude 89 °E during the night, weakened and lies as a land depression centred close to Barisal at 110300 G.M.T. It is likely to continue moving in the same direction and weaken further. Rain/thundershowers have been widespread in east Pakistan. The westerly low pressure wave is moving across Kashmir. The seasonal low pressure area extends from Kalat division to Multan division. Thunderstorm/showers have been scattered in Rawalpindi division.

Chief amounts of rainfall are: Cox's Bazar, Brahmanbaria, Sylhet, Khulna and Rajshahi 2" each, Maijdee Court, Mymensingh and Narayanganj 1½" each, Srimangal, Dacca, Faridpur, Barisall, Jessore and Murree ¾" each Chittagong, Comilla, Sirajganj, Bogra and Rangpur ½" each Rangamati and Dinajpur ¼" each.

Day temperatures were 5—16 °F (3—9 °C) below normal in east Pakistan and 3—4 °F (2 °C) so in Karachi division and were 3—8 °F (2—4 °C) above normal in Bahawalpur, Quetta, Kalat and Hyderabad divisions.

Forecast valid until the evening of 12th October 1969 :— Rain/thundershowers will be widespread in east Pakistan with squally winds gusting from 35 to 50 Kts in Khulna, Dacca; and Chittagong divisions. Thunderstorm/showers will be scattered in Rawalpindi and Sargodha divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 11th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	002	0	6	23	02	97	02	6	116	79	5	7	6	7	/	73	80	020	9	6	18	09	98	95	9	119	77	5	9	5	7	0	74	76	—	—	94.3	—	99.7	—
	Cox's Bazar	038	9	8	09	07	96	50	6	101	77	5	7	4	2	0	75	79	202	9	6	13	14	95	95	6	107	76	5	7	2	1	0	74	74	— 8	0	—	—	—	160
	Chittagong	018	9	7	09	02	96	21	6	108	77	6	4	4	2	0	73	78	058	9	8	13	02	96	02	9	094	76	7	9	4	2	0	76	74	— 9	0	151.2	—39.1	194.4	188
	Maijdee Court	003	9	6	18	02	94	03	2	097	80	3	4	4	2	0	77	82	125	9	8	16	07	96	03	6	066	77	6	5	4	2	/	76	74	— 5	0	—	—	—	115
	Comilla	000	8	7	00	00	96	03	2	105	8	7	4	4	0	0	75	82	060	3	8	18	05	96	01	6	092	76	8	4	4	/	/	74	74	— 7	0	—	—	—	94
	Brahmanbaria	000	0	7	05	03	96	03	1	109	79	7	5	5	0	0	75	83	176	3	7	05	07	96	03	6	036	76	7	5	5	0	0	74	72	—	—	—	—	—	78
	Sylhet	003	4	8	00	00	//	60	2	106	75	3	5	4	2	1	72	80	220	9	8	09	05	96	62	6	110	72	5	3	3	2	/	72	//	—	—	119.0	—	147.0	—
	Srimangal	020	9	8	00	00	//	02	9	113	75	6	9	3	3		74	80	077	9	8	00	00	95	55	9	123	72	7	7	3	7	2	72	72	— 11	+ 1	—	—	—	98
Dacca	Mymensingh	...	..	..	..	..	..	..	..	...	...	...	...	...	...	...	...	...	140	6	6	13	04	97	02	2	113	76	6	4	4	/	0	72	72	—	+ 3	62.1	— 3.6	77.2	91
	Narayanganj	003	7	8	05	02	//	03	6	102	79	8	6	3	/	/	73	82	160	3	8	13	05	97	03	6	094	75	8	6	3	0	/	72	74	— 7	— 2	52.7	+ 3.3	76.1	74
	Dacca (Tejgaon)	004	9	7	00	00	97	02	6	108	77	6	9	4	2	0	73	80	086	9	8	09	09	96	02	6	093	76	6	7	3	2	/	72	72	—	—	53.5	—	64.6	—
	Faridpur	015	6	8	07	02	96	02	6	100	75	7	5	4	/	0	73	80	086	0	8	02	05	96	02	2	099	74	4	4	1	0	0	72	72	— 8	— 3	43.1	— 4.7	67.7	71
Khulna	Barisal	...	..	..	..	..	..	..	..	...	...	...	...	...	...	...	...	...	075	9	7	36	09	97	02	5	088	79	6	4	4	2	0	76	75	—	— 1	53.8	— 4.7	63.7	81
	Khulna	115	9	4	18	05	97	03	0	076	75	2	2	4	/	0	67	80	215	9	7	36	03	97	03	0	054	76	4	2	4	0	0	74	74	— 8	—	67.0	+ 6.5	73.0	68
	Satkhira	005	1	8	00	00	97	03	5	087	75	8	6	5	0	0	75	79	016	1	8	36	02	97	03	5	105	76	8	6	5	0	0	72	74	— 10	—	—	—	—	65
	Jessore	049	7	8	09	05	95	61	6	093	75	7	6	2	2	/	73	77	088	0	8	03	07	97	21	6	098	74	3	7	2	2	0	74	72	— 13	— 4	53.0	+ 7.5	61.4	68
Rajshahi	Pabna	102	6	8	05	02	//	61	6	107	73	8	7	6	/	/	73	80	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj	000	0	8	09	03	97	02	6	132	73	8	0	7	8	0	73	88	050	9	8	09	02	98	02	2	107	76	8	0	7	/	0	72	72	— 8	—	—	—	—	64
	Rajshahi	215	9	8	05	07	94	61	6	116	75	8	7	4	/	/	72	83	190	9	8	05	03	96	03	/	113	76	8	7	4	/	/	74	76	— 16	+ 1	—	—	—	—
	Bogra	037	5	7	00	00	96	61	6	115	72	5	4	4	2	0	72	88	058	4	7	00	00	96	02	6	107	74	5	4	4	2	0	72	72	— 9	— 3	—	—	—	69
	Dinajpur	017	9	8	00	00	94	66	6	111	73	8	0	8	7	1	72	83	038	2	7	36	02	95	02	2	175	74	4	5	6	2	/	72	72	— 14	— 2	72.7	+14.8	95.7	72
	Rangpur	000	8	7	05	02	96	61	6	113	80	4	6	6	/	/	75	84	052	9	7	05	05	96	03	6	136	74	6	5	6	2	0	72	77	— 5	— 1	67.5	+ 3.2	86.0	84
Kashmir	Jammu	...																																							
Lahore	Lahore (Jail Rd.)	080	0	3	00	00	95	06	0	086	94	2	2	6	4	0	67	94	000	0	0	11	03	96	//	6	104	76	0	0	9	0	0	63	72	— 1	+ 12	13.3	— 1.3	17.8	19
	Sialkot	000	0	0	00	00	96	00	0	010	80	0	0	9	0	0	52	92	000	0	0	00	00	92	00	0	120	74	0	0	9	0	0	68	61	— 2	— 3	—	—	—	32
Rawalpindi	Jhelum	000	0	0	23	03	97	02	0	080	90	0	0	9	0	0	65	95	000	0	0	18	02	96	01	8	102	79	0	0	9	0	0	67	72	—	—	22.0	—	30.3	—
	Islamabad	...																																							—
	Rawalpindi	000	0	3	00	00	98	03	0	079	80	0	0	9	0	4	63	90	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	..	...	— 1					36
	Campbellpur	...																																							—
Sargodha	Khushab	...																																							15
	Sargodha	000	0	0	00	00	97	02	0	085	88	0	0	9	0	0	67	94	000	0	0	09	03	96	04	0	096	74	0	0	9	0	0	67	59	—	—	16.5	—	20.1	—
	Lyallpur	080	8	0	00	00	96	00	0	084	90	0	0	9	0	0	67	96	060	0	0	00	00	96	00	0	089	76	0	0	9	0	0	67	72	+ 1	+ 9	4.6	— 4.6	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	0	00	00	97	02	0	079	94	0	0	9	0	0	61	97	000	0	0	00	00	96	05	0	092	79	0	0	9	0	0	56	67	— 0	+ 3	80.1	+ 3.7	11.0	7
	Laiah	000	0	0	00	00	94	00	0	063	88	0	0	9	0	0	63	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	080	99	0	0	9	0	0	58	01	000	0	0	00	00	97	02	0	083	72	0	0	9	0	0	58	64	+ 3	—	0.2	///	1.1	4
	Bahawalpur	000	0	0	00	00	96	00	0	079	96	0	0	9	0	0	75	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					6
	Fort Abbas	...																																							8
Peshawar	Chakdra	000	0	1	36	02	98	03	0	059	82	1	1	7	0	0	56	90	009	0	4	05	03	97	01	1	082	72	4	0	9	3	0	58	64	—	—	7.2	—	16.6	—
	Peshawar	000	0	3	00	00	96	05	0	071	86	1	7	6	3	/	84	90	000	0	1	31	03	96	05	0	088	72	1	5	6	0	0	59	67	— 1	+ 6	4.7	+ 0.2	13.4	11
	Haripur	000	0	0	23	03	98	00	0	110	90	0	0	9	0	0	54	92	000	0	/	//	//	//	//	/	117	76	4	0	9	3	0	59	56	—	—	8.3	—	18.5	—
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	080	88	0	0	9	0	0	58	90	000	0	0	00	00	99	00	0	094	72	0	0	9	0	0	52	64	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	080	94	0	0	9	0	0	72	95	000	0	0	00	00	96	02	0	089	76	0	0	9	0	0	67	72	— 1	+ 9	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	16	03	97	02	0	074	04	0	0	9	0	0	61	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
	Nokkundi	000	0	0	31	09	96	03	0	077	92	0	0	9	0	0	25	95	000	0	0	05	03	97	02	0	124	68	0	0	9	0	0	27	65	—	—	0.2	—	0.3	2
Kalat	Turbat	...																																							0.2
	Jiwani	000	0	0	23	05	96	02	0	104	87	0	0	9	0	0	76	93	000	0	0	00	00	94	42	4	113	75	0	0	9	0	0	74	73	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	18	96	02	0	107	88	0	0	0	0	0	77	97	000	0	0	15	04	95	04	7	117	75	0	0	9	0	0	75	72	+ 6	— 15	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	1	27	16	96	02	2	050	82	1	6	6	0	0	79	86	000	0	2	27	05	96	01	1	108	77	2	6	6	0	0	74	13	—	—	—	—	—	6
	Lasbela	///	0	2	13	02	98	00	0	082	04	0	0	0	0	0	60	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	0	27	07	96	02	0	107	82	0	0	9	0	0	75	84	000	8	6	00	00	96	02	2	112	75	6	6	4	0	0	72	73	— 3	— 1	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	0	25	09	96	02	0	104	89	0	0	9	0	0	75	98	000	0	4	00	00	96	28	4	115	72	4	6	4	0	0	71	69	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	...																																							—
	Umerkot	...																																							7
	Hyderabad	000	0	0	23	03	97	02	0	095	01	0	0	9	0	0	41	06	000	0	0	20	02	97	02	0	105	77	0	0	9	0	0	63	70	+ 6	— 2	0.2	— 5.8	0.3	9
	Badin	000	0	0	27	02	97	02	0	113	99	0	0	9	0	0	66	04	000	0	0	23	01	97	02	0	007	72	0	1	9	0	0	69	71	+ 8	—	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	03	97	02	0	081	03	0	0	9	0	0	52	05	000	0	0	23	05	97	02	0	088	74	0	0	9	0	0	55	67	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	18	09	97	02	0	085	03	0	0	9	0	0	54	06	000	0	0	18	05	96	02	0	092	77	0	0	9	0	0	59	67	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	010	//	0	0	9	0	0	67	05	000	0	0	16	05	96	02	0	087	80	0	0	9	0	0	58	77	—	—	0.1	—	0.1	—
	Kashmore	000	0	/	23	02	98	02	0	082	01	0	0	9	0	0	53	02	000	0	0	00	00	98	02	0	111	85	0	0	9	0	0	53	66	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	03	97	02	0	077	99	0	0	9	0	0	56	00	000	0	0	09	02	96	02	0	083	75	0	0	9	0	0	61	71	0	+ 5	2.4	+ 0.2	2.7	30
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							—
	Leh **	...																																							3
	Skardu *	...																																							6
	Misgar **	...																																							—
	Aliabad *	...																																							—
	Gilgit *	...																																							5
Rawalpindi	Murree *	..	000	0	5	29	05	97	01	0	451	63	5	5	4	0	0	48	67	072	2	9	13	03	92	49	9	512	52	9	/	9	/	/	52	50	— 1	0	17.0	—19.5	34.6	59
Peshawar	Drosh *	...																																							18
	Chitral *	...	000	0	2	36	04	98	01	0	450	82	7	1	8	0	0	54	82	000	0	2	36	05	98	01	0	509	67	2	1	8	0	0	54	//	+ 1	/	3.1	— 9.1	13.4	29
	Kakul *	...	000	0	6	09	05	97	03	2	530	72	/	/	/	/	/	54	80	000	0	8	31	07	//	//	/	///	//	8	7	4	/	/	56	61	—	—	16.1	—	26.8	—
	Landikotal *	...	000	0	0	31	05	98	02	0	556	80	0	0	9	0	0	70	84	000	0	0	36	02	98	02	0	577	72	0	0	9	0	0	56	56	—	—	3.1	—	13.4	29
	Prachinar *	...	000	0	1	16	07	98	02	0	450	73	1	1	6	0	0	47	75	000	0	0	00	00	98	02	0	509	67	0	0	9	0	0	47	56	— 1	+ 6	6.3	—	17.0	13
D.I. Khan	Miranshah *	...																																							11
	Wana *	...	000	0	0	00	00	99	00	0	564	84	0	0	9	0	0	43	86	000	0	0	05	05	99	00	0	492	72	0	0	9	0	0	38	64	—	—	0.5	— 4.1	2.0	11
Quetta	Fort Sandeman *	...	000	0	0	27	03	//	//	/	483	87	0	0	9	0	0	23	08	000	0	0	23	02	97	02	0	502	64	0	0	9	0	0	23	59	+ 3	+ 6	2.2	— 2.9	6.5	—
	Hindubagh *	...	000	0	0	22	02	97	02	0	461	76	0	0	9	0	0	47	82	000	0	0	00	00	97	02	0	505	60	0	0	9	0	0	41	04	—	—	9.2	—	4.6	9
	Loralai *	...	000	0	0	18	02	//	//	/	485	45	0	0	9	4	6	97	84	000	0	0	27	02	98	00	0	395	55	0	0	9	0	0	45	48	—	—	0.6	—	0.6	—
	Barkhan *	...	000	0	0	23	05	98	02	0	484	90	0	0	9	0	0	55	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Harnai *	...	000	0	0	00	00	96	02	0	509	91	0	0	9	0	0	49	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Samungli (Quetta) *	...	000	0	0	31	09	97	02	0	514	80	0	0	9	0	0	34	85	000	0	0	38	15	96	02	0	525	63	0	0	9	0	0	39	59	—	—	—	—	—	8
	Chaman *	...	000	0	0	23	03	97	00	0	516	84	0	0	9	0	0	52	//	000	0	0	09	03	97	00	0	530	72	0	0	9	0	0	41	62	/	+ 9	2.1	+ 1.8	4.8	—
	Nushki *	...	000	0	0	00	00	97	02	0	575	87	0	0	9	0	0	49	89	000	0	0	07	03	97	02	0	559	71	0	0	9	0	0	37	66	—	—	0.5	—	2.6	4
	Dalbandin *	...	000	0	0	00	00	97	02	0	532	93	0	0	9	0	0	45	94	000	0	0	00	00	97	02	0	516	67	0	0	9	0	0	38	57	+ 4	+ 6	0.0	— 0.2	0.5	7
Kalat	Kalat *	...	000	0	0	30	12	96	02	0	508	23	0	0	9	0	0	12	81	000	0	0	16	02	//	02	0	523	51	0	0	9	0	0	21	43	+ 4	+ 2	0.8	— 0.4	2.2	—
	Khuzdar *	...																																							5
	Panjgur *	...	000	0	0	00	00	96	02	0	526	91	0	0	9	0	0	64	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kampla	99 2 22	10 6 88	10 8 63	03 4 11	99 0 00	14 0 28	00 9 00	33/2 12			00 3 23		90 2 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_o$ $T_oT_oT_oT_o$ $D_oD_oD_o$	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	006 236 05	...	460 174 11	127 082 10	583 057 43	...	...	...	...	...	...	...	...
Dacca ...	00 00	007 250 28	...	400 154 35	098 072 56	581 065 58	752 163 58	964 307 60	240 525 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	083 270 28	...	500 280 60	229 194 63	598 010	772 145 / /	985 315 / /	...	...	...	...	...	...
Multan ...	00 00	994 194 40	...	460 250 78	/ / / 154 59	591 071 40	761 225 / /	022 309 66	...	...	...	...	...	...
Peshawar ...	00 00	967 210 50	...	400 190 56	121 088 40	582 093 / /	750 225 / /	955 375 / /	...	...	...	...	...	...
Quetta ...	00 00	822 163 60	...	...	138 105 / /	508 016 / /	762 125 / /	982 190 / /	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed $P_mP_mP_m$ dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 180 06	800 136 11	600 004 33	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 188 28	800 124 30	600 010 57	350 225 60	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 162 65	600 066 / /	...	...	...	...	...	...	...	...	...
Sargodha ...													

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0900 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	8.9
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	145 19	145 29	150 35	...	150 28	...	...	...	...	...	No	Ascent	...	...	...	330 10	330 12	340 12	...	345 13	...	...	...	...	...	...
Bogra ...	...	...	No	Ascent	...	...	...	...	...	090 10	080 09	...	...	...	...	090 10	080 09	...	...	...	...	...	...	...	...	...
Chaklala ...	...	255 06	255 4/	240 03	246 25	305 12	215 42	305 19	300 14	...	120 12	135 11	175 06	135 04	260 21	...	075 08	168 10	196 10	215 10	...	...	...	...	...	...
Chhor ...	250 12	250 09	245 09	240 10	240 10	185 04	100 12	355 15	355 /4	245 25	240 18	240 15	...	195 10	...	240 21	230 20	220 19	210 17	220 05	075 00	335 12	505 16	285 16	...	...
Chittagong ...	135 13	140 19	155 22	155 25	150 24	180 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	051 42	050 14	090 12	130 12	140 19	...	...	...	...	...	...	...	...	...	...	150 17	150 18	160 24	180 19	215 17	230 08	...	...	...	...	...
Dalbandin ...	...	...	305 08	240 03	300 08	355 10	285 71	350 20	335 15	...	...	...	...	...	...	050 18	070 11	...	...	...	...	...	...	...	...	...
D. I. Khan ...	135 03	135 07	145 09	145 10	165 04	275 15	285 24	120 20	280 09	...	...	050 07	355 09	010 10	360 15	...	...	085 07	035 12	025 19	005 17	355 25	345 64	340 14	...	...
Drosh ...	...	...	...	230 16	220 17	255 10	...	...	...	140 07	150 08	150 08	170 06	185 03	290 15	045 04	085 04	170 03	115 05	130 07	275 04	300 08	265 13	285 17	...	...
Fort Sandeman ...	...	...	...	245 05	225 06	235 11	270 19	265 18	275 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	150 07	200 06	350 15	...	...	...	235 07	240 11	300 15	325 17	300 27	285 27	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/00 02	...	220 14	...	...	...	...
Jacobabad ...	185 06	285 06	210 09	250 07	250 09	250 07	270 09	205 06	340 15	215 15	225 11	235 15	255 12	240 10	265 11	275 05	335 08	350 10	350 10	295 10	028 51	345 18	330 17	...	...	...
Jessore ...	...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	010 06	005 08	360 07	...	...	...	...	...	...	...	...
Jhelum ...	210 10	225 08	230 08	289 08	350 09	315 10	200 21	310 21	310 17	170 06	215 10	210 10	205 10	345 03	055 03	120 01	140 07	151 07	165 10	175 12	235 05	260 17	265 24	265 23	...	...
Jiwani ...	230 11	245 11	245 07	250 03	265 06	010 10	045 17	040 21	025 15	250 14	220 09	285 08	355 04	450 10	021 77	310 04	270 08	260 10	020 03	005 05	040 21	020 20	350 07	345 06	...	...
Karachi ...	240 10	240 13	235 14	248 11	220 06	080 04	125 14	115 15	010 09	...	...	...	...	...	...	243 06	275 16	280 14	295 09	315 08	030 03	061 12	...	...	...	...
Khanpur ...	285 08	290 07	245 07	280 14	265 27	285 24	255 12	280 14	295 15	210 10	220 14	240 13	265 14	250 14	265 13	215 19	215 23	220 25	230 35	230 43	230 37	255 23	280 19	215 08	...	...
Khuzdar ...	...	...	...	125 04	155 03	253 64	285 06	330 01	320 12	...	...	...	315 08	320 23	310 20	...	...	...	330 41	005 03	360 06	325 12	305 12	300 15	...	...
Lahore ...	305 10	285 01	285 01	195 01	195 08	310 90	315 19	...	...	145 09	160 15	125 12	115 05	070 10	285 05	125 08	150 12	150 12	135 12	160 07	255 08	275 20	270 17	280 23	...	...
Multan ...	120 03	115 02	050 02	320 06	315 12	300 12	...	325 15	...	155 12	180 01	215 11	260 17	291 5/	310 15	235 02	275 08	285 09	260 12	260 13	260 12	255 21	245 27	270 29	...	...
Nawab Shah ...	190 23	195 23	210 21	220 14	250 15	009 05	355 08	345 19	360 15	235 26	230 27	225 25	195 08	305 07	360 09	245 09	265 08	235 07	245 09	300 10	025 05	350 12	330 22	340 20	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	020 11	345 13	315 12	285 07	...	...	120 05	105 01	350 2/	315 08	345 27	300 23	295 21	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	090 07	145 09	175 11	205 04	300 07	265 19	265 02	255 27	...	...	...	...	...	...	...	050 05	120 04	190 57	220 06	290 08	280 9/	265 25	285 19	...	...
Parachinar ...	...	...	...	080 04	145 07	800 24	280 2/	...	300 25	...	...	...	...	...	...	...	...	...	130 01	155 06	275 41	280 15	...	305 17	...	...
Quetta ...	...	...	...	...	270 13	240 06	320 10	300 19	305 29	...	...	...	225 06	095 07	...	...	...	...	...	245 03	260 83	275 06	280 80	285 12	...	...
Sargodha ...	115 03	155 03	165 04	100 03	055 02	280 15	300 15	320 18	...	150 13	140 10	150 08	135 04	275 10	270 17	150 05	150 12	/// //	155 12	/50 08	265 08	250 19	265 19	270 23	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	050 20	060 17	080 13	...	115 04	...	295 21	...	235 42	—	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	275 16	255 20	255 21	250 17	295 08	355 10	035 15	005 16	005 19	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

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

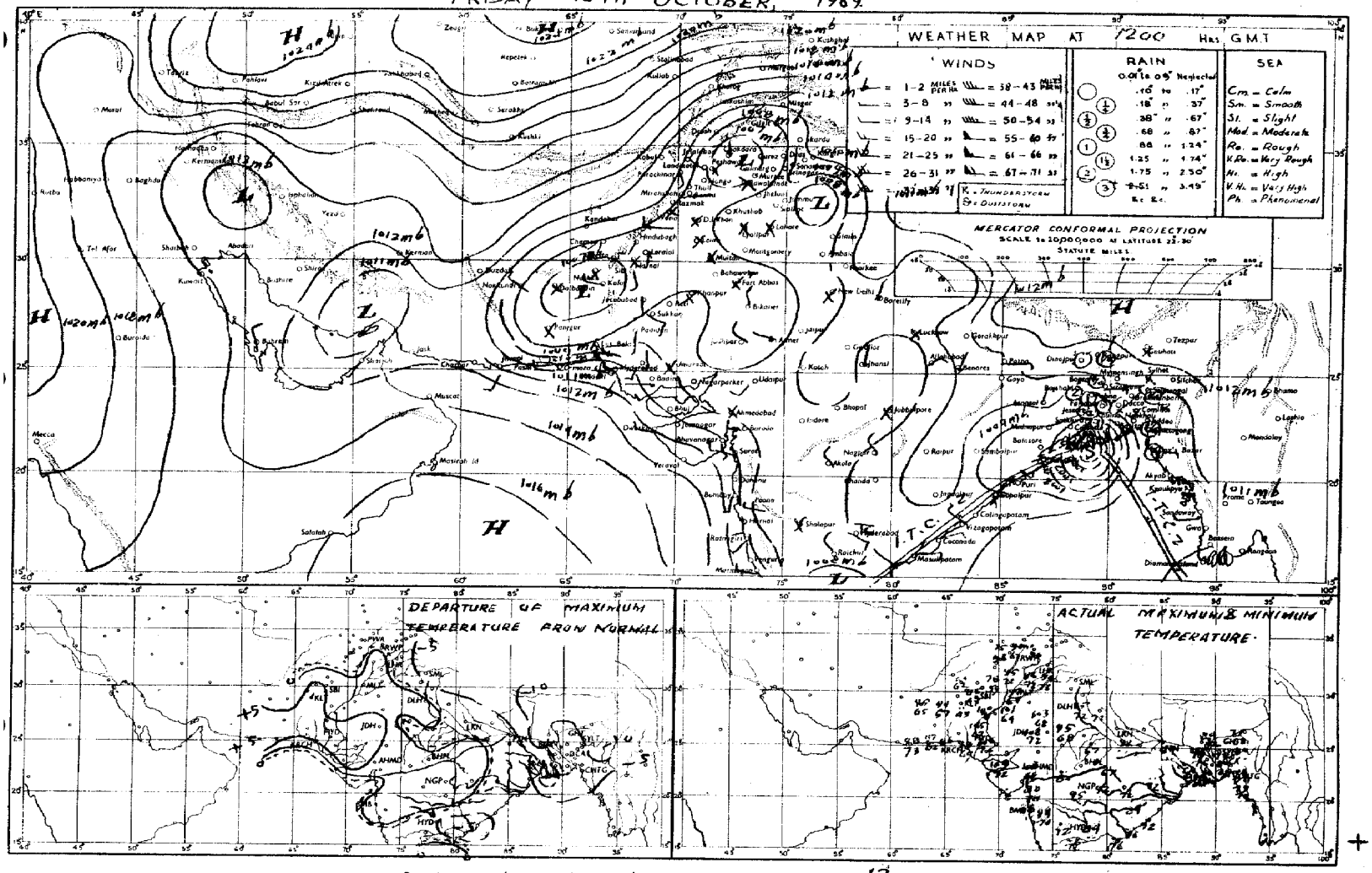
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

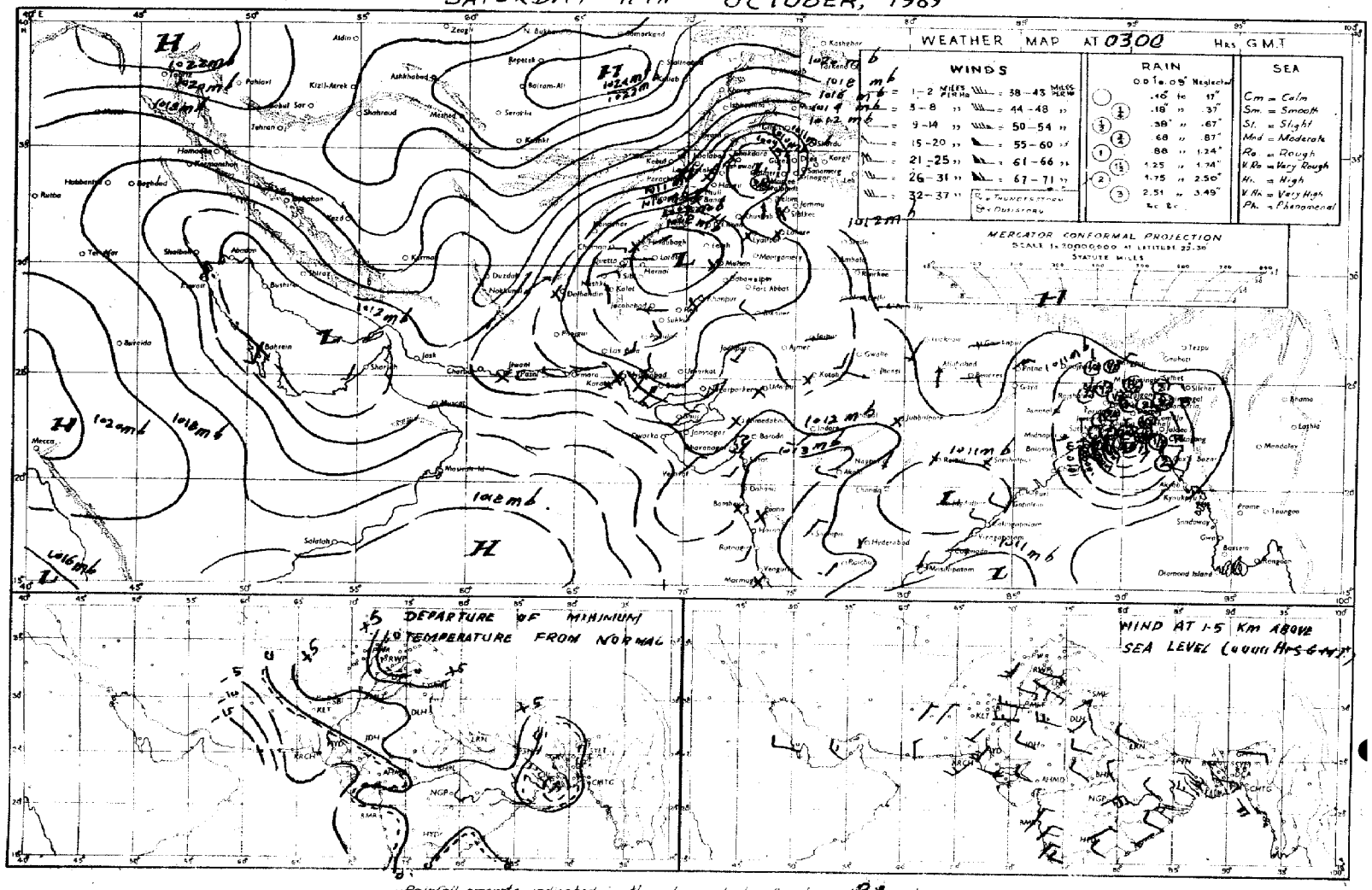
FRIDAY 10TH OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 11TH OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 12th OCTOBER 1969.

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

Yesterday morning's/and depression moved northeastwards weakened and lay at 11200 G.M.T. close to Narayanganj. Observations lacking but believe it weakened further and now lies as a trough of low pressure area over east Pakistan. Conditions in the central Bay of Bengal are becoming scattered again. Rain/thundershowers have been fairly widespread in Chittagong division and scattered in Dacca division. A few falls of light rain have occurred in Rajshahi division. The westerly low pressure wave over Kashmir moved away eastwards. The trough of seasonal low pressure area extends from Kalat division to northern Rajasthan. Thunderstorm/-showers have been local in Peshawar and Rawalpindi divisions.

Chief amounts of rainfall are: Cox's Bazar, Srimangal, Kakul and Parachinar 1½" each, Sylhet ¾", Comilla, Chakdara and Haripur ½" each, Rangamati, Rawalpindi, Murree ¼" each.

Day temperatures were 7—11 °F (4—6 °C) below normal in east Pakistan and Rawalpindi division and 3—6 °F (2—3 °C) so in Karachi division and were 3—8 °F (2—4 °C) above normal in Lahore and Quetta divisions.

Forecast valid until the evening of 13th October 1969 :— Rain/thundershowers will be fairly widespread in Chittagong and Dacca divisions, local in Khulna and Rajshahi divisions and scattered in Rawalpindi and Sargodha divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 12th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ww)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °C (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ww)	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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	003	8	5	18	09	98	02	9	075	81	4	7	6	7	/	73	84	030	9	3	18	02	98	01	6	129	81	2	3	6	3	1	77	73	—	—	99.6	—	10.0	—
	Cox's Bazar	003	9	5	12	05	96	03	2	074	77	1	5	5	3	0	73	84	132	9	7	03	03	97	02	6	115	81	5	3	4	3	0	75	73	— 4	— 1	—	—	—	140
	Chittagong	030	9	6	13	12	96	02	6	074	79	5	3	5	1	/	73	84	001	0	5	13	02	96	01	5	118	82	3	4	4	3	1	75	74	— 3	— 0	151.2	+69.7	104.4	108
	Maijdee Court	010	9	8	00	00	94	03	2	066	77	4	4	4	3	0	76	81	009	0	7	00	00	97	02	2	103	77	6	2	5	2	0	75	66	— 6	— 8	—	—	—	115
	Comilla	010	4	8	13	05	96	03	6	066	76	8	4	4	0	0	76	82	045	9	7	00	00	96	02	6	121	75	7	4	4	0	0	75	72	— 7	— 2	—	—	—	94
	Brahmanbaria	013	1	7	05	05	96	60	6	070	73	7	5	5	0	0	73	81	010	0	6	03	00	96	03	1	123	77	6	5	5	0	0	75	75	—	—	—	—	—	78
	Sylhet	047	9	8	00	00	//	62	6	063	73	6	7	3	2	/	73	76	074	9	7	03	00	97	21	6	121	75	6	6	3	2	0	73	71	—	—	119.7	—	147.7	—
	Srimangal	172	9	8	00	00	//	95	9	064	73	6	9	3	3	/	72	79	173	9	7	36	02	97	02	9	127	81	4	9	4	7	2	//	69	— 11	— 2	—	—	—	98
Dacca	Mymensingh	000	0	6	00	00	//	02	5	080	76	6	4	6	0	0	73	81	000	0	4	00	00	96	02	2	128	79	4	4	5	0	0	75	77	— 7	+ 2	62.1	— 3.8	77.2	91
	Narayanganj	004	4	8	00	00	//	03	6	069	76	8	7	3	/	/	73	81	004	0	4	31	02	97	02	2	119	79	3	6	6	3	1	73	73	— 7	— 3	52.7	+ 2.1	76.2	74
	Dacca (Tejgaon)	007	3	8	00	00	97	60	6	064	76	6	9	3	2	/	76	79	007	9	7	00	00	96	02	0	118	77	8	5	4	7	0	73	73	—	—	53.5	—	64.6	—
	Faridpur	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	015	0	3	00	00	97	01	1	118	81	3	5	0	0	0	73	73		— 2	43.3	— 5.7	67.8	71
Khulna	Barisal	008	0	8	31	07	96	02	2	070	79	7	4	4	2	0	76	81	000	0	5	09	02	96	02	2	116	81	5	4	5	0	0	77	81	— 7	+ 6	53.8	— 5.1	63.7	81
	Khulna	010	0	2	36	03	97	03	0	064	77	0	2	4	0	0	76	79	030	0	2	00	00	97	03	0	114	82	0	2	4	0	0	77	73	—	—	67.0	+16.3	73.0	68
	Satkhira	000	6	8	00	00	97	02	2	072	81	8	3	5	0	0	70	84	000	0	8	00	00	97	02	1	124	79	1	/	/	1	1	69	//	—	/	—	—	—	65
	Jessore	000	0	2	36	02	97	01	1	071	77	1	2	5	4	0	73	81	000	0	5	32	02	97	02	2	123	79	5	5	4	0	0	73	72	— 8	— 4	53.0	+ 7.4	61.4	68
Rajshahi	Pabna	...																																							59
	Sirajganj	000	0	6	05	02	97	02	2	069	79	6	0	7	6	0	73	82	...								...	...			...	...	...	...	...	—					64
	Rajshahi	002	4	7	00	00	95	03	6	078	77	5	7	5	2	/	73	81	002	9	3	05	02	96	03	1	125	79	3	5	5	0	0	73	73	— 1	— 2	—	—	—	—
	Bogra	000	0	3	31	02	96	01	2	072	77	2	8	4	3	0	73	81	000	0	6	31	02	96	03	2	121	75	5	5	4	7	0	73	73	— 7	— 1	—	—	—	69
	Dinajpur	000	9	4	02	00	96	01	1	074	79	4	0	9	4	1	70	81	000	9	3	00	00	97	01	1	106	73	3	0	9	4	1	73	//	— 8	/	72.7	+14.6	95.7	72
	Rangpur	000	0	7	00	03	96	03	2	072	82	6	5	6	2	0	79	82	..	..	..	..	..	..	..	..	...	...	...	..	..	...	...	...	...	— 7					84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	25	02	96	02	0	051	90	/	/	6	0	0	61	94	000	0	0	05	02	96	02	0	101	77	0	0	9	0	0	58	73	— 2	+ 13	13.3	— 1.3	17.8	18
	Sialkot	000	0	0	20	80	90	00	/	115	79	0	0	9	0	0	50	96	..								...	...			...	...	...	...		+ 3					32
Rawalpindi	Jhelum	000	4	6	00	00	97	29	9	073	79	3	3	6	7	0	63	90	000	0	3	31	03	97	01	1	107	73	/	/	9	0	3	//	73	—	—	22.0	—	30.3	—
	Islamabad																																								—
	Rawalpindi	000	0	6	23	02	98	02	5	085	75	6	4	7	0	0	56	91	036	9	0	00	00	99	00	9	117	65	0	0	9	0	0	60	62	— 1	+ 4	—	—	—	34
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	05	//	97	06	0	053	90	0	0	0	0	0	65	93	000	0	0	09	/	98	00	0	099	81	0	0	9	0	0	62	73	— 2	+ 8	—	—	—	18
	Sargodha	000	0	2	09	03	97	02	0	053	90	0	0	9	0	1	63	94	000	0	0	09	02	96	04	0	103	73	0	0	9	0	1	60	69	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	056	90	0	0	9	0	0	68	95	000	0	0	36	02	96	00	0	096	75	0	0	9	0	0	69	69	+ 1	+ 6	4.6	— 4.6	7.7	12
Multan	Sahiwal																																								10
	Multan	000	0	0	00	00	96	02	0	034	94	0	0	9	0	0	58	96	000	0	0	36	03	97	02	0	097	73	0	0	9	0	0	62	69	— 1	+ 5	8.0	+ 3.1	11.0	7
	Leiah	000	0	0	36	00	94	00	0	043	93	0	0	9	0	0	61	93	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	08	97	02	0	024	94	0	0	9	0	0	67	91	000	0	0	36	05	97	02	0	083	75	0	0	9	0	0	60	64	—	—	8.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	08	0	080	95	0	0	9	0	0	73	99	000	0	0	00	00	96	00	0	093	81	0	0	9	0	0	59	65	—	—	—	—	—	6
	Fort Abbas	000	0	2	23	02	98	00	1	///	99	2	0	5	0	0	88	99	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	—					8
Peshawar	Chakdara	000	0	7	36	05	97	29	9	078	65	7	3	7	0	0	58	79	040	0	0	00	00	99	02	0	114	64	0	0	9	0	0	58	59	—	—	7.6	—	17.0	—
	Peshawar	000	0	6	09	16	94	07	1	054	81	1	3	6	0	2	58	88	000	0	0	00	00	97	02	0	122	69	0	0	9	0	0	60	64	— 1	+ 3	4.7	+ 0.2	13.4	11
	Haripur	000	0	5	36	09	98	01	1	075	90	3	0	9	7	0	56	90	059	8	0	05	03	98	00	2	119	69	0	0	9	0	0	65	59	—	—	9.0	—	19.1	—
D. I. Khan	Bannu	000	0	3	10	02	99	01	0	046	88	0	0	9	4	0	61	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	000	0	0	00	00	98	00	0	042	93	0	0	9	0	0	72	94	000	0	0	00	00	96	05	0	107	75	0	0	9	0	0	64	73	— 8	+ 10	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	024	94	0	0	9	0	6	62	05	000	0	0	00	00	97	02	0	024	74	0	0	9	0	0	60	70	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	12	96	02	0	049	95	0	0	9	0	0	47	99	000	0	0	68	20	96	02	0	107	68	0	0	9	0	0	41	67	—	—	0.2	—	0.3	2
Kalat	Turbat																																								—
	Jiwani	000	0	0	18	07	96	02	0	087	60	0	0	9	0	0	74	89	000	0	5	27	03	96	03	0	100	79	5	6	5	0	0	75	75	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	12	97	02	0	086	86	0	0	0	0	0	79	92	000	0	0	15	06	95	04	7	092	76	0	0	0	0	0	76	53	0	— 14	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	1	27	10	96	02	2	091	81	1	6	6	0	0	61	91	000	0	3	27	05	96	04	4	113	79	3	6	6	0	0	30	15	—	—	0.0	— 0.8	0.6	6
	Lasbela	000	0	1	13	03	98	00	0	065	86	0	0	8	0	0	72	01																							8
	Karachi (Manora)	000	0	1	25	05	97	02	0	082	82	1	0	9	2	0	72	85	000	0	6	27	05	96	03	2	106	77	6	6	4	0	0	74	74	— 3	— 0	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	1	27	10	96	02	0	078	83	1	6	5	0	0	73	87	000	0	5	27	05	96	02	0	102	78	5	6	5	0	0	75	71	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	99	0	0	0	0	0	99	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Umerkot														0	0																				+ 2	+ 8	0.2	— 5.8	0.3	7
	Hyderabad	000	0	0	23	09	97	02	0	063	93	0	0	9	0	0	58	95	000	0	0	23	03	97	02	0	089	79	0	0	9	0	0	69	75						9
	Badin	000	0	0	29	04	97	02	0	083	93	0	0	9	0	0	69	99	000	0	2	23	02	97	03	0	097	75	0	0	9	0	0	72	74	—	—	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	00	00	97	02	0	045	01	0	0	9	0	0	52	04	000	0	0	13	02	97	02	0	074	73	0	0	9	0	0	63	67	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	28	07	96	02	0	051	00	0	0	9	0	0	65	05	000	0	0	18	05	96	02	0	077	76	0	0	9	0	0	71	70	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	05	03	96	02	0	037	01	0	0	9	0	0	60	02	000	0	0	02	05	96	02	0	082	75	0	0	9	0	0	69	76	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	02	98	02	0	052	00	0	0	9	0	0	59	01	000	0	0	00	00	98	02	0	052	84	0	0	9	0	0	55	65	—	—	—	—	0.0	4
	Jacobabad	000	0	0	16	03	97	02	0	035	97	0	0	9	0	0	56	01	000	0	0	09	03	96	02	0	080	75	0	0	9	0	0	65	71	+ 2	+ 5	2.4	+ 0.2	2.7	10
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Miagar **																																								—
	Allabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	003	9	0	00	00	97	01	2	501	53	3	1	4	0	0	40	56	026	2	2	09	03	98	01	9	515	56	0	0	9	8	0	49	47	— 11	3	17.2	—19.3	34.8	18
Peshawar	Drosh *																																								29
	Chitral *	000	0	2	36	02	98	01	1	491	67	2	2	7	0	0	53	99	000	0	0	36	05	98	00	0	512	62	0	0	9	0	0	54	//	0	/	3.1	— 9.1	13.4	—
	Kakul *	040	9	8	36	07	93	30	9	513	65	8	3	4	/	/	55	70	160	9	0	36	02	98	02	0	525	62	0	0	9	0	0	49	54	—	—	17.7	—	28.4	—
	Landikotal *	000	0	6	31	05	98	02	0	410	//	6	7	6	/	/	65	81	000	0	0	31	05	98	02	0	637	65	0	0	9	0	0	56	59	—	—	3.1	—	13.4	29
	Parachinar *	001	3	6	16	05	98	17	9	479	70	5	9	6	4	0	49	77	137	0	0	00	00	98	01	0	517	60	0	0	9	0	0	49	54	+ 2	+ 4	7.6	—	17.3	12
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	493	86	0	0	9	0	0	45	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Wana *																																								11
Quetta	Fort Sandeman *	...	..	..	..	..	..	..	..	...	...	...	...	...	...	...	...	...	000	0	0	05	02	97	04	0	499	66	0	0	9	0	0	44	61		+ 8	2.3	— 2.9	6.5	—
	Hindubagh *	000	0	0	20	05	97	05	0	466	75	0	0	9	0	0	50	78	000	0	0	27	02	97	02	0	505	60	0	0	9	0	0	41	42	—	—	9.2	—	4.6	9
	Loralai *	000	0	0	18	05	//	//	/	473	55	0	0	9	0	0	54	77	000	0	0	18	02	98	00	0	398	50	0	0	9	0	0	45	45	—	—	8.6	—	8.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	544	87	0	0	9	0	0	47	88	000	0	0	00	00	96	05	0	422	74	0	0	0	0	0	43	96	—	—	4.0	— 3.6	8.6	9
	Samungli (Quetta) *	000	0	0	27	09	96	03	0	499	73	0	0	9	3	0	47	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Chaman *	000	0	0	27	09	95	00	0	494	82	0	0	9	0	0	84	84	000	0	0	13	00	97	00	0	517	68	0	0	9	0	0	44	62	+ 5	+ 9	2.1	+ 1.8	4.0	—
	Nushki *	000	0	0	00	00	97	02	0	546	87	0	0	9	0	0	53	89	000	0	0	00	00	97	02	0	558	71	0	0	9	0	0	40	67	—	—	0.5	—	2.6	6
	Dalbandin *	000	0	2	23	03	97	03	0	503	92	2	1	7	0	0	30	95	000	0	0	00	00	//	02	0	500	65	0	0	9	0	0	47	61	+ 5	+ 10	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	02	0	511	69	0	0	9	0	0	26	74	000	0	1	08	02	97	02	0	500	54	0	0	9	0	0	33	44	+ 1	+ 3	0.8	— 0.4	2.2	—
	Khuzdar *																																								5
	Panjgur *																																								—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_R	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wx}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kampis	99 2 22	10 6 88	10 8 63	03 4 11	59 0 00	14 0 28	03 9 00	33 2 12			00 3 23		30 2 01	
Vanrlebeeck	99 2 41	10 6 00	11 0 63	03 4 03	98 0 20	10 8 29	00 9 00	33 2 08			0/ / 25	12 9 20	31 0 10	30 1 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $ToToTo$ $DoDo$	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	006 228 04	...	480 190 30	151 090 57	587 055 56	758 163 58	968 331 58	2/9 5 3 / /	...	...	...	...	...
Dacca ...	00 00	009 280 14	...	400 125 35	053 062 58	580 055 59	753 151 59	956 357 59	241 517 /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	057 255 21	...	400 190 0/	818 120 01	596 021 / /	760 135 / /	975 231 / /	260 441 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	971 188 23	...	450 162 37	050 070 38	575 067 / /	755 201 / /	953 331 / /	...	...	...	...	...	...
Quetta ...	00 00	021 150 59	...	...	123 068 00	580 107 / /	749 191 / /	958 327 / /	239 461 / /	...	...	...	...	...
Sargodha ...	00 00	997 234 40	...	433 154 30	199 071 56	587 091 / /	756 195 / /	..	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_tT_tP_tT_tT_{tx}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	908 214 22	800 152 38	600 016 58	350 245 35	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 164 40	800 110 50	600 010 59	350 225 19	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 0900 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	280 12	280 7/	255 09	245 07	235 07	...	...	...	...	...	...	...	...	...	...
Bogra ...	310 10	340 08	340 06	030 04	050 04	240 07	260 08	255 15	260 12	220 05	340 03	290 03	330 03	260 10	325 15
Chaldala ...	...	...	...	...	...	...	...	...	...	335 02	...	...	...	...	...
Chhor ...	225 21	225 28	235 24	235 16	255 05	225 03	345 22	345 15	205 16	/// //	/// //	/// //	335 06	345 01	320 11
Chittagong ...	16/ 19	165 25	170 32	210 17	220 0/	235 18	...	...	...	335 32	235 29	245 22	240 19	285 09	340 12
Cheraf ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	140 15	160 15	175 15	180 13	200 12	215 14	245 11	305 10	...	...	...	...	...	...	...
Dacca ...	015 06	115 04	...	...	...	...	...	...	...	145 07	145 02	150 03	250 12	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	110 05	085 07	095 09	095 06	110 04	265 13	100 21	100 22	090 21	...	...	140 03	350 12	335 22	315 30
Drosh ...	...	...	...	...	...	...	...	...	...	070 13	090 17	110 23	120 12	150 04	260 06
Fort Sandeman ...	...	...	...	305 06	280 07	271 09	260 18	270 23	275 25	...	...	...	240 01	210 04	230 11
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	030 06	010 07	345 07
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	195 09	195 07	265 08	350 14	330 16	350 07	295 17	285 21	275 25	...	...	...	...	...	...
Jessore ...	260 08	360 12	340 10	320 07	300 10	265 07	...	...	...	275 79	098 18	342 1/	310 18	305 09	290 09
Jhelum ...	025 04	100 11	110 14	105 08	270 18	300 09	...	...	...	345 05	005 05	125 05	290 05	295 06	290 07
Jiwani ...	235 09	225 07	225 04	030 04	325 06	050 13	025 24	310 18	300 22	005 12	310 15	255 12	300 04	250 04	240 12
Karachi ...	240 17	265 17	265 17	285 11	310 06	250 06	010 19	345 15	335 20	250 07	275 06	...	...	...	...
Khanpur ...	245 12	245 13	240 13	240 15	230 18	180 04	255 27	275 28	280 30	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	285 12	255 12	265 14	285 15	285 15	285 13
Lahore ...	090 04	105 08	115 07	145 04	235 08	260 23	270 15	290 25	275 30	...	...	...	330 09	330 23	325 45
Multan ...	140 08	115 07	110 05	160 06	205 12	250 23	235 20	270 18	275 21	03/ 1/	080 04	070 05	035 03	350 03	285 03
Nawab Shah ...	190 17	195 22	210 21	230 67	250 22	265 25	320 23	...	...	345 08	185 09	015 10	205 12	335 02	230 12
Nokkundi ...	...	...	320 26	325 16	330 18	330 10	350 19	251 9/	305 24	305 04	330 14	015 14	350 13	315 07	300 04
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	320 13	330 08	340 07	335 14
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	080 03	175 06	...	...	...	...	...	205 09	240 08	335 05	280 85	300 05
Quetta ...	...	...	...	...	280 09	001 1/	285 18	...	...	...	...	...	225 04	070 06	...
Sargodha ...	115 10	120 10	120 09	115 08	145 06	290 07	285 21	285 24	305 22	055 13	040 21	075 13	100 11	030 07	325 13
Skardu ...	...	...	...	110 12	105 13	110 02	110 06	110 12	295 06	...	...	...	240 02	/// //	260 04
Sylhet ...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	240 03	015 07	070 07	...	035 07	...	...	...	...	...	...
Bogra ...	260 03	360 02	350 01	340 06	325 04	...	...	...	...	...	...
Chaldala ...	...	140 01	255 01	305 05	295 03	320 04	320 12	010 11	325 12	...	...
Chhor ...	225 17	235 19	290 12	230 03	285 03	295 06	330 12	295 24	285 24	...	...
Chittagong ...	300 7	130 05	135 05	200 05	250 05	235 15	...	...	...	...	...
Cheraf ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 03	185 01	...	165 05	...	...	...	...	...	...	...
Dacca ...	020 04	020 04	350 01	010 02	280 01	265 06	...	...	...	...	...
Dalbandin ...	...	...	100 02	120 03	105 01	005 06	315 16	305 15	305 19	...	...
D. I. Khan ...	315 01	325 06	050 03	135 04	090 07	250 04	245 08	250 05	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	040 03	040 03	115 03	210 21	220 14	260 09	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	095 14	075 29	060 21	060 13	015 10	290 05	270 12	305 15	300 14	...	...
Jessore ...	300 08	335 07	325 05	325 05	300 07	295 07	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	250 06	235 09	235 09	240 05	265 07	100 12	020 19	...	340 14	...	...
Karachi ...	245 08	265 11	285 13	310 10	005 13	360 09	345 18	345 18	345 17	...	...
Khanpur ...	010 23	015 32	025 35	030 38	040 47	050 16	240 19	240 25	260 23	...	...
Khuzdar ...	...	...	...	345 03	140 17	325 22	303 14	291 20	325 37	...	...
Lahore ...	085 08	100 10	100 11	095 13	090 10	360 03	290 07	280 16	275 17	...	...
Multan ...	035 12	035 16	035 20	040 20	070 12	100 05	220 01	205 13	320 07	...	...
Nawab Shah ...	340 10	005 12	315 09	315 05	305 05	305 12	335 19	...	...	...	...
Nokkundi ...	...	...	215 04	300 05	330 11	325 19	320 26	320 20	320 25	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	125 03	320 07	330 03	055 03	340 07	251 1/	325 08	330 09	...	...
Parachinar ...	...	...	...	280 07	125 03	295 06	250 12	...	350 10	...	...
Quetta ...	...	...	...	...	248 06	268 08	280 13	2/ / 19	255 20	...	...
Sargodha ...	050 05	075 07	075 06	085 06	185 08	310 08	290 08	295 13	305 07	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	180 03	185 01	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	020 02	030 02	020 02	...	320 03	...	240 12	...	245 29	...	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	270 15	270 22	270 18	310 15	320 13	355 13	310 17	310 18	310 21	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

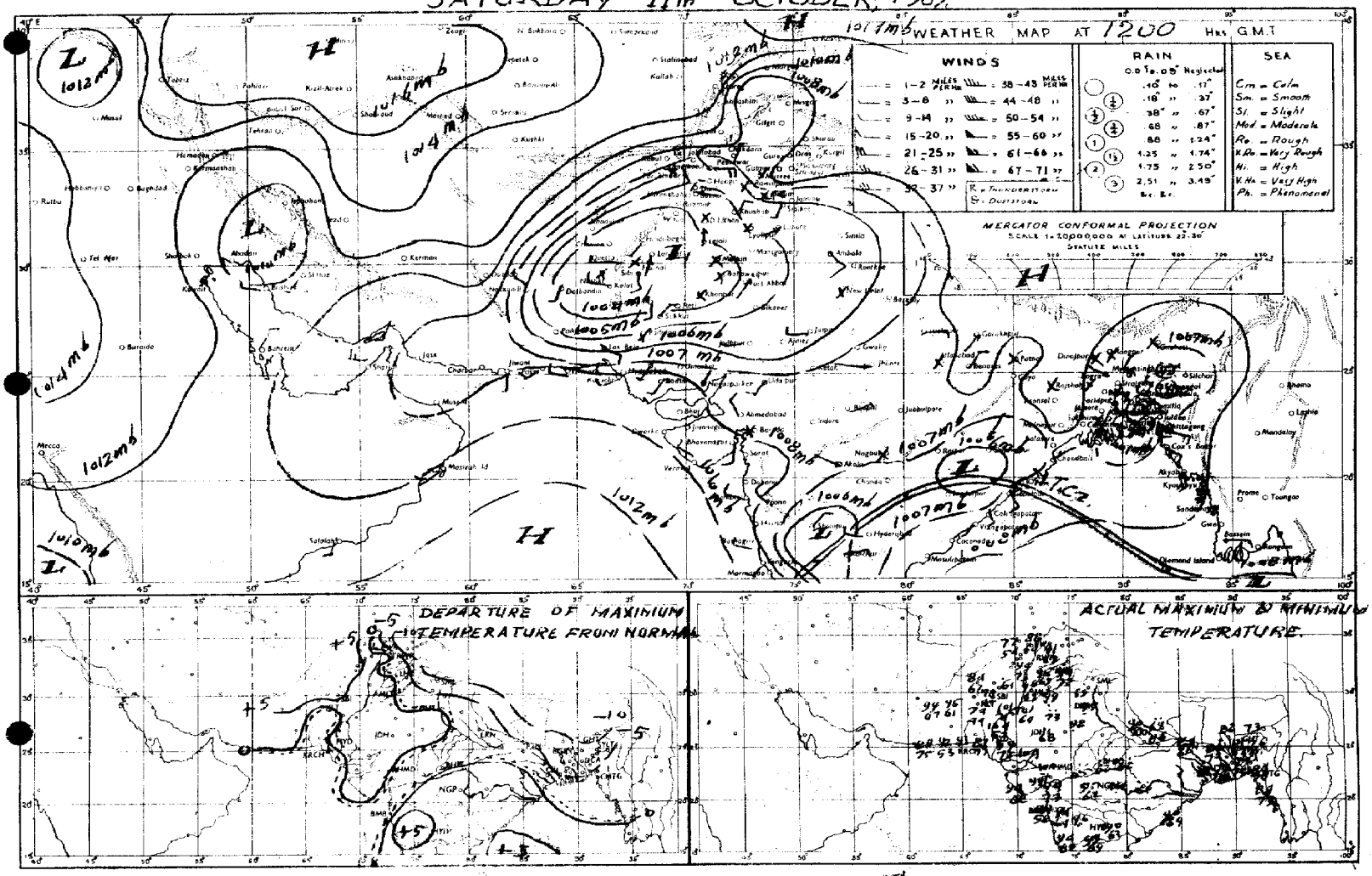
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

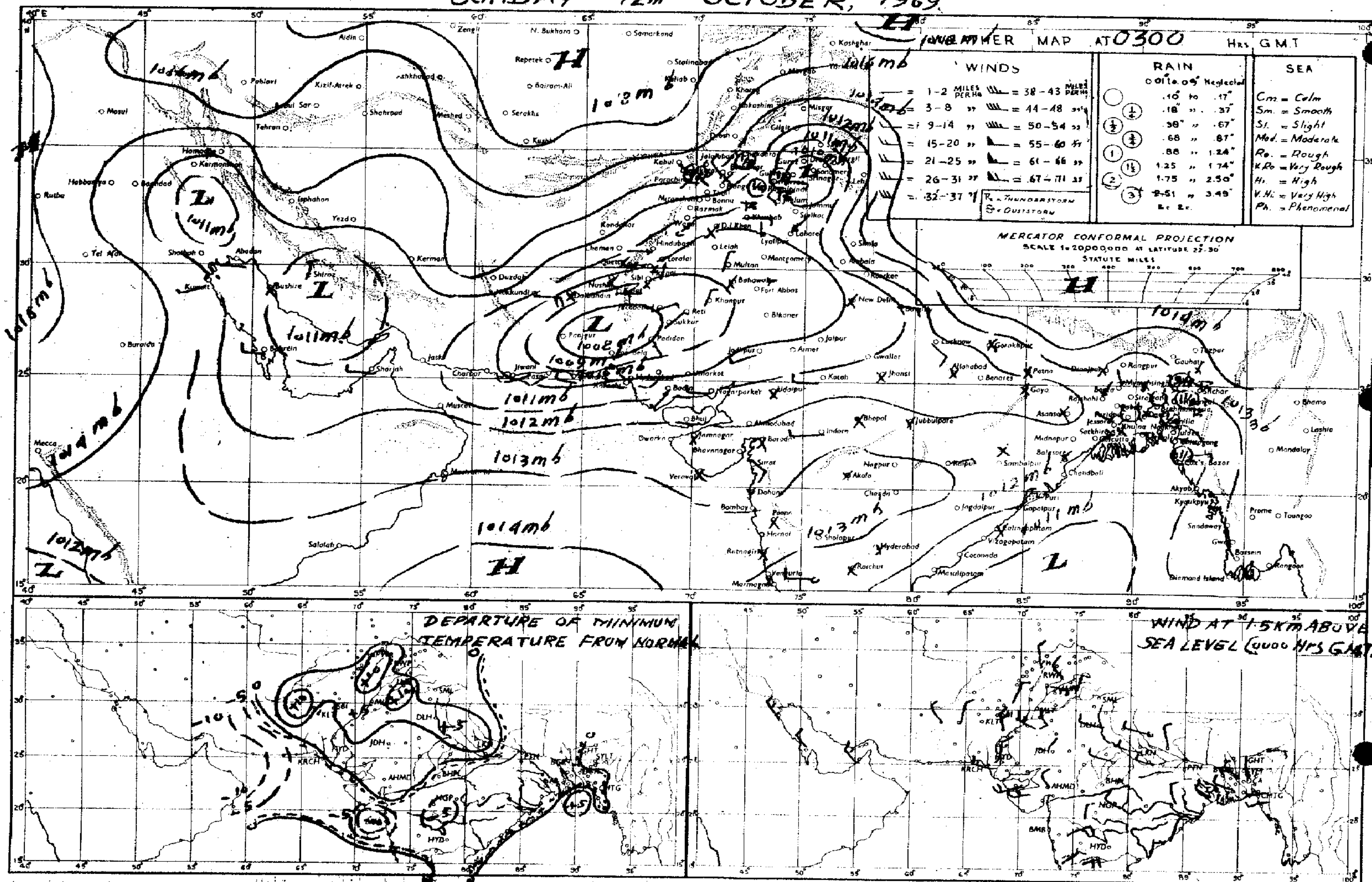
SATURDAY 11th OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 12th OCTOBER, 1969.



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

Pages 1—2 Rs. 5/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 13th OCTOBER 1969.

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

Coditions in the central Bay of Bengal continue to remain unsettled.

Rain/thundershowers have been scattered in Chittagong division.

The seasonal trough of low pressure extending for Kalat division to northern Rajasthan persists.

Thunderstorm/showers have been scattered in Peshawar division.

Chief amounts of rainfall are: Rangamati and Haripur ¼" each.

Day temperatures were 5—11 °F (3—6 °C) below normal in East Pakistan out-side Khulna division and 3—4 °F (2 °C) so in Lahore, Rawalpindi, Sargodha, Peshawar, Kalat, Karachi and Khairpur divisions and were 4—7 °F (2—4 °C) above normal in Quetta and Hyderabad divisions.

Forecast valid until the evening of 14th October 1969 :— Rain/thundershowers will be local in Chittagong division and scattered elsewhere in East Pakistan. A few thundershowers may occur in Rawalpindi division and Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 13th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	000	0	1	23	02	96	01	0	058	82	1	1	7	0	0	76	98	050	6	4	18	02	98	01	6	142	77	2	4	6	7	1	77	75	—	—	95.1	—	100.5	—
	Cox's Bazar ...	000	0	4	18	12	97	03	0	096	81	2	4	4	0	1	76	84	000	0	2	09	02	97	02	0	126	82	2	2	5	3	0	73	74	— 4	0	—	—	—	140
	Chittagong ...	000	0	5	23	02	96	02	2	092	82	3	3	4	3	0	76	88	000	0	5	00	00	96	02	2	132	84	3	2	5	6	0	75	76	— 1	+ 2	151.2	+70.5	104.4	108
	Maijdee Court ...																																								115
	Comilla ...	000	0	0	00	00	96	01	0	081	82	0	0	9	0	0	77	88	000	0	3	00	00	96	02	0	107	84	3	4	7	0	0	77	74	+ 1	0	—	—	—	94
	Brahmanbaria ...	000	0	1	00	00	96	01	1	089	82	1	5	5	0	0	76	86	000	0	2	09	02	97	03	1	133	65	2	4	5	0	0	75	75	—	—	—	—	—	78
	Sylhet ...	000	0	2	00	00	//	01	0	086	81	2	5	4	0	0	73	74	000	0	3	00	00	97	02	2	126	81	2	4	3	3	0	73	70	—	—	119.8	—	147.7	—
	Srimangal ...	068	9	6	00	00	//	02	9	093	79	3	9	4	7	2	76	79	000	0	0	00	00	96	00	0	133	82	0	0	9	0	0	75	71	— 11	0	—	—	—	98
Dacca	Mymensingh ...	000	0	4	00	00	//	01	1	085	83	4	4	4	0	0	79	86	000	0	4	00	00	97	02	2	128	82	4	4	6	0	0	79	77	— 2	+ 2	62.1	— 4.2	77.2	91
	Narayanganj ...	000	0	2	00	00	97	01	1	084	84	2	6	6	0	0	73	88	000	0	0	05	02	97	00	0	129	84	0	0	9	0	0	75	75	— 1	— 1	52.7	+ 1.9	76.1	74
	Dacca (Tejgaon) ...	000	0	2	00	00	55	01	0	089	84	2	2	5	0	0	73	88	000	4	4	00	00	97	03	4	130	84	4	8	4	0	0	75	74	—	—	53.5	—	64.7	—
	Faridpur ...	000	0	3	00	00	96	01	0	086	83	3	4	5	0	0	76	87	000	0	3	34	02	97	01	6	128	84	3	3	6	0	0	79	73	— 3	— 2	43.3	— 6.0	67.9	71
Khulna	Barisal ...	000	0	4	00	00	96	01	2	092	82	4	4	4	0	0	79	81	000	0	3	00	00	97	03	1	124	82	3	8	5	0	0	75	76	—	+ 1	53.8	— 5.3	63.7	81
	Khulna ...	000	0	3	00	00	97	03	0	094	77	2	4	5	0	0	76	84	000	0	2	00	00	97	03	0	114	82	2	6	4	0	0	72	73	—	—	67.0	+16.1	73.6	68
	Satkhira ...	000	0	8	00	00	97	02	2	072	81	8	5	5	/	/	76	84	..	...	...	...	...	...	...	...	...	...	..	..	...	—	...	...	...	—					65
	Jessore ...	000	0	1	00	00	97	02	0	090	84	1	2	6	0	0	76	88	000	4	1	00	00	97	03	4	131	82	1	1	5	0	0	73	74	— 1	— 2	53.0	+ 7.2	61.4	65
Rajshahi	Pabna ...																																								59
	Sirajganj ...	000	0	0	00	00	97	00	0	085	81	0	0	9	0	0	73	93	000	0	0	00	00	98	00	0	113	82	0	0	9	0	0	73	73	—	—	—	—	—	64
	Rajshahi ...	000	0	0	00	00	96	00	1	091	81	0	0	9	0	0	76	84	000	0	4	36	02	95	03	1	116	81	4	5	5	0	0	73	75	— 4	0	—	—	—	—
	Bogra ...	000	0	3	00	00	96	02	1	087	81	3	4	4	0	0	73	84	000	0	2	30	13	96	03	4	135	81	3	5	4	0	0	75	73	— 4	— 1	—	—	—	69
	Dinajpur ...	000	0	0	00	00	95	00	0	084	81	0	0	9	0	0	72	84	000	0	0	36	02	96	00	0	136	81	0	0	9	0	0	73	73	— 5	— 1	72.7	+14.3	95.7	72
	Rangpur ...	000	0	1	00	00	96	01	0	067	82	1	0	9	1	0	77	84	000	0	2	05	02	96	03	0	136	81	1	1	6	1	0	73	69	— 5	— 4	—	—	—	64
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	0	36	02	96	02	0	074	88	0	0	9	0	0	67	93	000	0	0	00	00	96	02	0	115	77	0	0	9	0	0	65	69	— 3	+ 9	13.3	— 1.3	17.9	19
	Sialkot ...																																								32
Rawalpindi	Jhelum ...	000	0	0	13	02	97	02	0	070	90	1	1	7	0	0	58	93	000	0	1	00	00	96	03	0	121	73	0	0	9	0	1	62	65	—	—	22.0	—	30.3	—
	Islamabad ...																																								—
	Rawalpindi ...	000	0	6	00	00	99	00	0	090	81	0	0	9	0	0	63	86	000	0	0	36	03	98	00	0	126	68	0	0	9	0	0	60	62	— 4	+ 4	—	—	—	36
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	0	00	00	97	06	0	080	90	0	0	9	0	0	67	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	0				15
	Sargodha ...	000	0	0	09	03	97	02	0	076	88	0	0	9	0	0	63	93	000	0	1	09	03	95	04	0	113	73	1	0	9	3	0	62	65	—	—	16.5	—	20.1	—
	Lyallpur ...	000	0	0	00	00	96	00	0	080	88	0	0	9	0	0	67	90	000	0	0	00	00	96	00	0	102	//	0	0	9	0	0	64	65	— 4	+ 2	4.6	— 4.6	7.7	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	0	05	03	97	02	0	065	90	0	0	9	0	0	61	93	000	0	0	00	00	97	02	0	105	77	0	0	9	0	0	65	69	— 2	+ 5	8.0	+ 3.1	11.0	7
	Laiah ...	000	0	0	00	00	96	00	0	056	94	0	0	9	0	0	67	93	000	0	0	36	02	96	00	0	126	81	0	0	9	0	0	64	73	—	—	—	—	—	8
Bahawalpur	Khanpur ...	—	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	03	96	02	0	097	75	0	0	9	0	0	64	65		—	8.2	— 4.6	1.1	6
	Bahawalpur ...	—	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	087	79	0	0	9	0	0	62	68		—	—	—	—	6
	Fort Abbas ...	///	0	0	00	00	96	00	0	///	//	0	0	9	0	0	63	96	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	25	05	98	03	0	115	64	0	0	9	0	0	58	60		—	7.6	—	17.0	—
	Peshawar ...	000	0	1	00	00	97	02	0	082	84	1	9	6	0	0	61	88	000	0	1	00	00	96	04	0	121	69	0	0	9	3	0	62	64	— 1	+ 3	4.7	+ 0.2	13.4	11
	Haripur ...	000	0	0	23	03	97	00	0	078	81	0	0	9	0	0	58	98	064	9	0	05	03	98	00	6	045	73	0	0	9	0	0	58	60	—	—	9.0	—	19.8	—
D. I. Khan	Bannu ...	000	0	3	09	02	99	02	0	081	88	0	0	9	4	0	61	88	000	0	3	20	12	99	02	0	112	//	0	0	9	4	0	62	68	—	—	—	—	—	11
	D. I. Khan ...	000	0	0	00	00	98	00	0	080	90	0	0	9	0	0	70	93	000	0	0	00	00	96	02	0	119	73	0	0	9	0	0	65	69	— 1	+ 6	3.5	— 2.0	6.0	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	051	02	0	0	9	0	0	58	03	000	0	0	00	00	//	02	0	110	74	0	0	9	0	0	69	73	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	31	03	96	02	0	042	95	0	0	9	0	0	53	96	000	0	0	00	00	96	02	0	107	71	0	0	9	0	0	40	66	—	—	0.2	—	0.3	2
Kalat	Turbat ...																																								—
	Jiwani ...	000	0	0	18	07	96	02	0	078	80	0	0	9	0	0	76	89	000	0	2	27	03	96	03	0	106	79	2	0	9	5	0	79	70	—	—	0.0	—	3.0	8
	Pasni ...	000	0	0	25	08	97	02	0	082	88	0	0	9	0	0	77	92	000	0	0	25	04	97	00	0	109	75	0	0	9	0	0	73	50	0	— 17	0.0	— 0.9	0.0	6
Karachi division	Ormara ...	000	0	1	27	10	96	02	0	087	83	1	8	6	0	0	76	85	000	0	2	00	00	96	01	1	116	78	3	6	6	0	0	75	58	—	—	0.0	— 0.8	0.6	6
	Lasbela ...																																								8
	Karachi (Manora) ...	000	0	2	25	05	97	03	0	078	82	3	6	4	0	0	75	84	000	0	6	00	00	96	03	1	113	79	6	6	4	0	0	76	76	— 4	+ 2	1.0	— 3.0	1.1	8
	Karachi (Airport) ...	000	0	1	25	10	97	02	0	078	83	1	6	5	0	0	74	89	000	0	3	27	01	95	03	0	110	78	3	6	5	0	0	75	75	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker ...																																								—
	Umerkot ...	000	0	0	23	07	96	02	0	058	92	0	0	9	0	0	66	95	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad ...	000	0	0	23	07	97	02	0	062	92	0	0	9	0	0	68	02	000	0	0	23	02	97	02	0	110	79	0	0	9	0	0	72	74	+ 5	+ 2	0.2	— 5.9	0.2	9
	Badin ...	000	0	0	23	06	97	02	0	074	93	0	0	9	0	0	69	95	000	0	0	23	02	97	02	0	101	78	0	0	9	0	0	74	76	—	—	0.3	— 6.9	0.3	—
Khairpur	Padidan ...	000	0	0	05	05	97	02	0	056	96	0	0	9	0	0	57	99	000	0	0	31	02	96	02	0	106	72	0	0	9	0	0	65	67	—	—	8.8	—	0.8	—
	Nawabshah ...	000	0	0	09	02	96	02	0	061	96	0	0	9	0	0	64	01	000	0	0	03	02	96	01	0	112	75	0	0	9	0	0	67	69	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	0	05	03	96	02	0	045	94	0	0	9	0	0	70	95	000	0	0	13	02	95	05	4	110	80	0	0	9	0	0	69	73	—	—	0.1	—	0.1	—
	Kashmore ...	000	0	0	05	03	95	05	4	036	92	0	0	9	0	0	68	94	000	0	0	00	00	98	02	2	087	82	0	0	9	0	0	55	70	—	—	0.0	—	0.1	4
	Jacobabad ...	000	0	0	09	12	96	02	0	058	94	0	0	9	0	0	61	96	000	0	0	36	02	97	02	0	114	75	0	0	9	0	0	65	72	— 3	+ 6	2.4	+ 0.1	2.7	10
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								—
	Dras ** ...																																								3
	Leh ** ...																																								6
	Skardu * ...																																								—
	Misgar ** ...																																								—
	Aliabad * ...																																								5
	Gilgit * ...																																								59
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	03	98	02	0	524	55	0	0	9	0	0	47	50		0	17.2	—19.3	34.9	18
Peshawar	Drosh * ...																																								29
	Chitral * ...	000	0	0	36	02	98	03	0	507	73	0	0	9	0	0	54	77	000	0	0	36	01	98	00	0	571	62	0	0	9	0	0	54	//	— 2	/	3.1	— 8.2	13.4	—
	Kalam * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	03	99	01	0	519	65	0	0	9	0	0	56	59	—	—	17.7	—	27.4	—
	Landikotal * ...	000	0	6	05	05	98	03	0	533	76	6	7	6	/	/	67	81	000	0	0	31	05	98	02	0	529	68	0	0	9	0	0	54	56	—	—	3.1	—	13.4	29
	Parachinar * ...	000	3	5	16	03	98	27	9	501	68	3	5	6	4	0	47	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					13
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	517	84	0	0	9	0	0	47	90	000	0	0	05	05	99	00	0	520	68	0	0	0	0	0	51	62	—	—	—	—	—	11
	Wana * ...																																								11
Quetta	Fort Sandeman * ...	000	0	4	23	03	97	03	0	475	82	4	4	7	0	0	21	84	000	0	0	13	02	97	02	0	512	61	0	0	9	0	0	45	60	+ 2	+ 7	2.2	— 2.9	6.5	—
	Hindubagh * ...	000	0	0	23	05	94	05	0	558	59	0	0	9	0	0	16	62	000	0	0	00	00	97	02	0	541	48	0	0	9	0	0	15	32	—	—	9.2	—	4.4	—
	Loralai * ...	000	0	0	18	02	96	02	0	545	55	0	0	9	0	0	64	89	000	0	0	18	02	96	02	0	455	//	0	0	9	0	0	45	//	—	/	0.6	—	0.6	—
	Barkhan * ...																																								14
	Harnai * ...	000	0	0	00	00	96	02	0	463	89	0	0	9	0	0	42	90	000	0	0	00	00	96	02	0	556	70	0	0	9	0	0	46	//	—	—	3.9	— 3.6	5.6	9
	Samungli (Quetta) * ...	000	0	0	27	13	96	02	0	497	//	0	0	9	0	0	38	78	000	0	0	13	03	96	02	0	525	48	0	0	9	0	0	32	41	+ 5	— 3	0.5	— 0.6	2.1	8
	Chaman * ...	000	0	0	23	03	96	00	0	516	84	0	0	9	0	0	52	86	000	0	0	09	03	96	00	0	530	67	0	0	9	0	0	39	60	+ 7	+ 7	2.1	+ 1.8	4.8	—
	Nushki * ...	000	0	0	00	00	97	02	0	575	87	0	0	9	0	0	49	88	000	0	0	07	03	97	02	0	566	70	0	0	9	0	0	38	64	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	0	25	10	97	02	0	492	91	0	0	9	0	0	53	94	000	0	1	25	02	97	03	0	506	61	0	0	9	0	0	38	59	+ 4	+ 8	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	31	02	96	02	0	494	67	0	0	9	0	0	31	71	000	0	0	16	02	97	02	0	518	53	0	0	9	0	0	29	41	— 4	0	0.8	— 0.4	2.2	—
	Khuzdar * ...	000	0	0	31	03	97	02	0	487	84	0	0	9	0	0	42	86	000	0	0	00	00	96	02	0	505	66	0	0	9	0	0	37	62	—	—	1.9	—	3.2	5
	Panjgur * ...																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 13th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RRt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Vanrleback	99 2 18	18 6 47	12 0 63	02 3 10	99 0 20	11 8 27	00 9 00	33 1 13			0 / / 22	12 6 57	30 2 81	...
Croixd	99 2 42	10 5 83	12 0 64	02 3 06	98 0 20	10 9 31	00 9 00	43 1 14			00 0 23	13 1 02	30 2 01	—
Dumra	99 2 25	10 6 83	12 1 23	02 7 08	99 0 20	10 1 29	00 9 00	23 7 05			00 0 23	30 2 02	...	...
Barpecla	99 2 47	10 6 50	12 1 23	32 6 07	99 0 10	07 9 28	38 5 10	18 6 10			00 4 75	30 4 01	...	...
Vanriebud	99 2 06	10 6 70	12 1 83	02 3 10	98 0 20	11 1 27	00 9 00	33 2 10			01 1 00	...	...	...
Dumra	99 2 35	10 6 74	12 1 83	02 0 11	99 0 30	11 0 28	00 9 00	23 2 03			05 1 23	30 3 02	...	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels													
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 256 15	108 254 09	490 130 09	119 044 27	578 101 59	746 205 57	954 341 57	225 551 / /	402 711 / /	...	...	...	...
Dacca ...	00 00	010 242 12	093 234 16	460 154 46	119 064 57	583 073 57	753 181 57	964 321 58	238 529 / /	418 663 / /	...	...	—	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 08	073 274 12	000 000 86	500 184 21	132 094 / /	585 045 / /	759 105 / /	975 235 / /	...	...	...	...	...	...
Multan ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	699 190 40	085 /// / /	430 210 42	123 094 28	581 C87 / /	750 205 / /	...	...	...	...	...	...	...
Quetta ...	00 00	822 129 61	...	...	122 045 27	576 149 / /	741 257 / /	945 370 / /	219 460 / /	...	...	...	...	—
Sargodha ...	00 00	997 234 40	153 /// / /	/// 001 45	178 060 55	585 060 04	743 205 / /	938 441 / /	—	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{st}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	008 256 15	900 160 08	800 104 30	600 033 02	350 267 57	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...	00 00	MISDA	...	—	...	—	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...	00 08	822 129 61	...	800 115 61	600 044 29	350 310 / /	...	...	...	...	...	...	...
Sargodha ...	00 00	997 234 40	...	...	—	...	...	—	...	...	—	...	—

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 fff)								
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	325 02	280 03	070 01	075 02	300 05	225 09	285 13	...	
Bogra ...	330 03	345 04	345 04	205 04	230 06	265 04	275 05	290 14	290 16
Chaklala ...	...	280 06	270 07	130 04	110 04	335 08	310 13	...	...
Chhor ...	230 15	235 13	255 10	295 06	245 06	245 08	315 15	310 19	310 27
Chittagong ...	200 09	200 08	180 06	165 04	185 04	245 10	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	200 12	190 12	190 10	135 04	140 04	135 02	245 11	245 15	235 16
Dacca ...	290 06	265 03	300 02	300 09	015 02	315 04	275 07	255 08	280 08
Dalbandin ...	...	...	225 07	275 13	305 21	305 23	320 16	335 14	330 23
D. I. Khan ...	015 06	010 09	010 07	020 12	040 15	080 17	145 18	150 14	180 13
Drosh ...	...	...	—	220 09	225 12	200 09	305 08	320 05	...
Fort Sandeman ...	—	—	...	—	220 05	215 06	130 19	165 08	...
Gilgit ...	...	...	...	...	...	—	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	125 09	090 04	040 05	335 11	030 15	330 11	305 10	310 15	325 13
Jessore ...	310 14	355 01	360 01	360 03	290 06	350 07	...	...	...
Jhelum ...	125 02	310 03	290 04	360 04	040 03	325 12	310 14	360 13	360 16
Jiwani ...	215 07	250 08	250 09	260 06	285 07	325 07	020 11	335 16	360 23
Karachi ...	270 12	270 13	285 10	305 10	315 12	330 17	305 13	330 18	325 21
Khanpur ...	025 13	040 14	045 15	040 10	355 04	265 13	265 12	275 18	240 08
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	070 07	090 06	090 06	075 08	095 04	360 03	310 13	290 15	275 15
Multan ...	055 10	055 08	050 10	105 05	255 03	340 03	200 02	295 03	025 03
Nawab Shah ...	330 14	330 14	330 15	330 22	025 39	315 18	315 44	...	...
Nokkundi ...	...	...	330 04	325 07	320 12	300 17	305 12	310 26	315 23
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	085 04	060 03	040 04	140 02	275 07	280 08	275 11	275 12
Parachinar ...	...	...	—	...	...	...	...	...	...
Quetta ...	...	...	...	...	280 11	220 03	310 10	305 11	290 / /
Sargodha ...	060 05	075 06	070 09	095 05	145 07	345 03	295 11	340 09	005 09
Skardu ...	...	...	...	...	...	270 04	225 06	290 05	290 06
Sylhet ...	310 03	310 03	300 02	225 05	...	...	...	—	...
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 fff)					
STATION 1	11	12	13	14	15	16
Barisal ...	015 10	015 06	020 03	100 01	190 02	195 03
Bogra ...	115 09	145 02	150 03	250 12	...	...
Chaklala ...	...	070 09	080 03	345 02	330 04	305 04
Chhor ...	235 19	240 17	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	125 06	125 03	070 03	030 04	030 03	015 03
Dacca ...	115 03	080 01	130 01			
Dalbandin ...	...	...	075 09	170 05	295 08	330 24
D. I. Khan ...	095 08	120 08	140 10	195 18	265 10	310 12
Drosh ...	...	...	...	120 04	195 03	175 02
Fort Sandeman ...	...	...	...	120 02	320 03	250 04
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	100 10	100 10	090 13	315 04	345 10	335 13
Jessore ...	025 03	020 09	335 04	345 04	350 01	220 05
Jhelum ...	330 02	240 03	205 04	300 06	305 03	310 02
Jiwani ...	240 06	265 06	300 11	290 14	285 12	335 14
Karachi ...	...	...	...	...	...	...
Khanpur ...	030 10	030 10	015 11	345 15	335 17	285 19
Khuzdar ...	...	...	...	270 11	225 04	300 24
Lahore ...	110 07	070 07	090 06	090 10	...	...
Multan ...	075 07	085 12	050 08	360 11	010 04	280 08
Nawab Shah ...	...	...	...	...	...	...
Nokkundi ...	—	...	155 07	150 08	150 07	135 09
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	—	...	...	...	...
Parachinar ...	...	...	...	...	095 05	255 03
Quetta ...	...	...	...	...	...	...
Sargodha ...	085 08	075 08	055 07	280 08	355 06	...
Skardu ...	...	...	...	...	...	...
Sylhet ...	100 03	100 02	110 02	200 04	180 05	105 04
Veraval ...	—	...	...	...	...	...

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	8.9
	At 0600 hrs. G.M.T. † of date (dd fff)										
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	055 04	065 02	065 02	045 04	130 02	175 04	240 12	230 22	240 29	345 34	255 33
Bogra ...	315 03	240 01	—	...	...	...	...	...	...	...	...
Chaklala ...	...	100 02	115 04	130 03	325 02	230 03	320 04	250 10	225 13	235 13	...
Chhor ...	215 15	215 14	190 10	205 07	275 10	175 04	...	...	...	...	...
Chittagong ...	010 04	030 06	065 07	070 06	075 08	..	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	—	—	...	...	—
Cox's Bazar ...	210 08	170 04	115 06	105 07	100 06	...	...	...	...	...	...
Dacca ...	030 01	090 02	090 02	/// / /	180 03	/// / /	240 16	240 21	230 26	230 32	230 35
Dalbandin ...	...	...	065 07	070 03	095 03	345 06	320 18	330 31	340 36	345 27	300 41
D. I. Khan ...	190 03	180 07	180 08	175 08	165 06	135 05	265 06	245 08	240 04	195 08	295 15
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	—	...	...	360 02	040 02	015 04	185 10	200 17	195 19	210 13	310 19
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	015 02	015 03	345 02	120 02	140 04	250 07	220 04	...	...	...	...
Jessore ...	015 06	045 12	095 13	095 07	095 02	220 05	235 07	320 09	325 23	345 37	305 32
Jhelum ...	120 03	130 10	130 11	125 06	305 06	290 08	290 08	285 19	300 19	285 13	200 10
Jiwani ...	195 05	265 07	285 05	315 06	310 09	315 05	325 11	306 23	300 24	300 30	295 35
Karachi ...	280 04	305 03	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	—	...	...	—	...	—	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	100 08	105 15	105 16	100 09	285 07	350 04	285 09	285 07	055 08	185 05	240 15
Multan ...	045 08	055 10	060 12	045 09	040 08	275 06	210 08	150 04	360 09	...	...
Nawab Shah ...	020 04	325 03	290 05	290 05	310 06	330 14	345 15	...	...	...	...
Nokkundi ...	...	...	160 08	155 06	210 03	260 11	325 20	325 20	230 15	345 27	030 47
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 07	120 04	150 02	225 07	230 04	215 08	235 13	220 15	250 20	245 25
Parachinar ...	...	...	...	...	155 02	265 05	220 10	280 10	285 14	295 24	255 31
Quetta ...	...	...	...	/// / /	285 05	295 08	310 13	315 21	325 17	335 42	...
Sargodha ...	060 05	080 06	075 05	065 06	030 04	260 09	075 06	255 17	265 11	235 06	260 25
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	175 02	195 04	195 03	—	...	—	...	—	...	...	...
Veraval ...	...	...	...	—	...	—	...	...	...	...	...

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	260 12	270 12	275 12	280 11	300 08	325 13	335 30	330 28	330 28	325 45	320 61	310 43	280 61	315 55	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

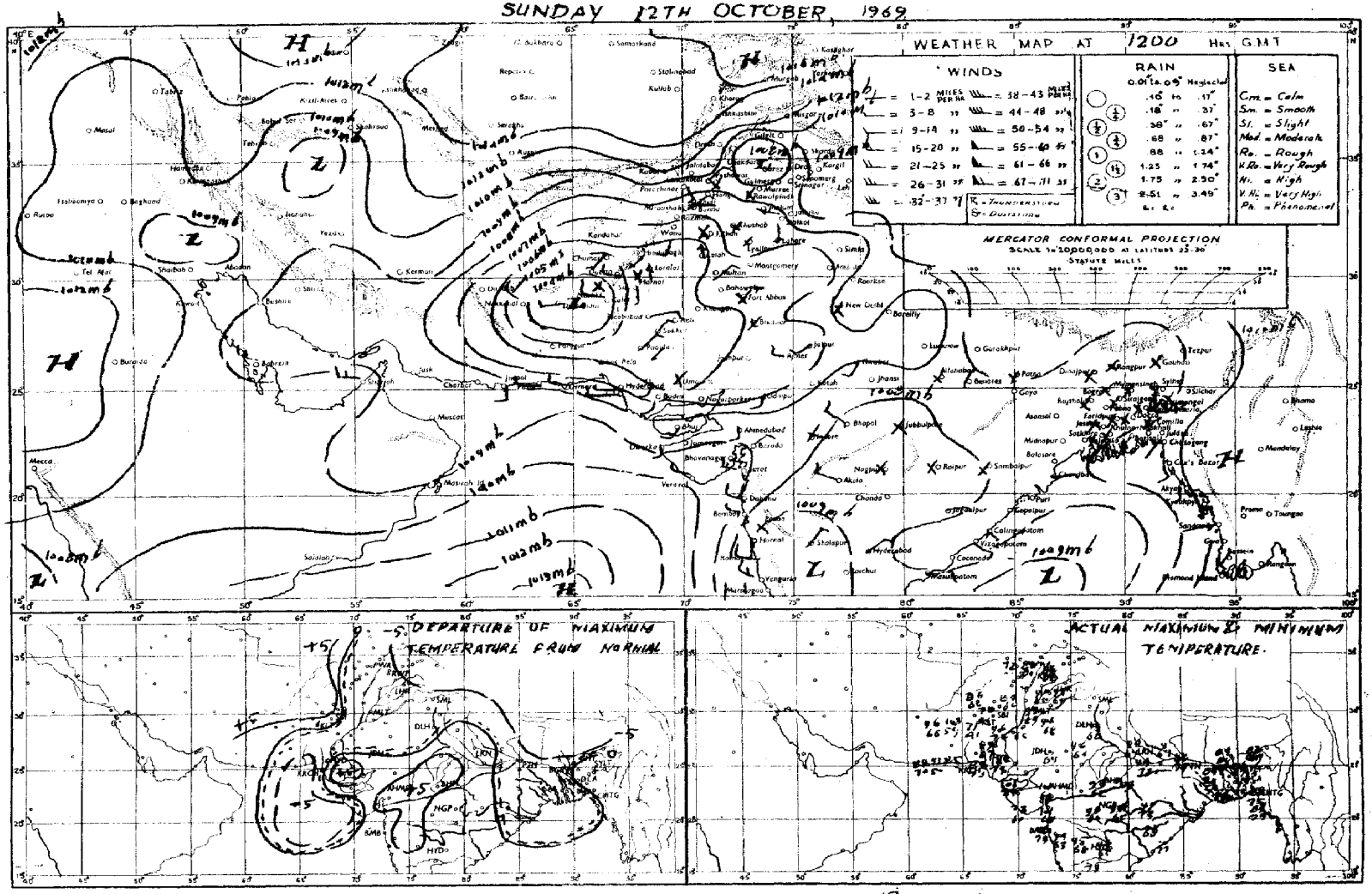
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

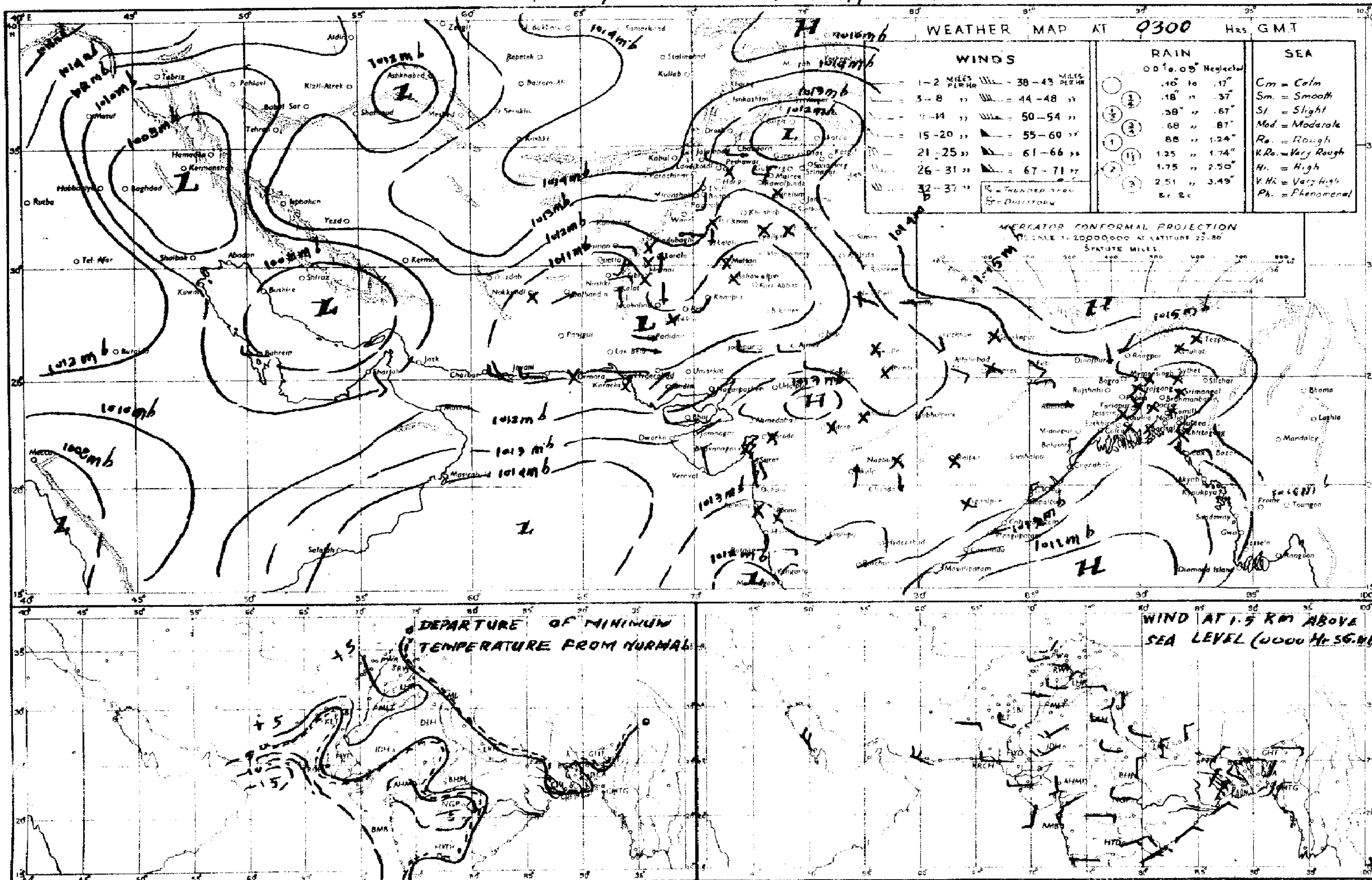
SUNDAY 12TH OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 13TH OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 14th OCTOBER 1969.

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

A westerly low pressure weve is moving across Afghanistan and has accentuated the seasonal low pressure area over Quetta, Kalat divisions. Rain/thundershowers have been scattered in Peshawar and Rawalpindi divisions. Monsoon seems to have completely with drawn from east Pakistan where weather remained dry.

Chief amounts of rainfall are: Haripur 1" and Rawalpindi ½".

Day temperatures were 3—5 °F (2—3 °C) below normal in Rajshahi, Peshawar, Karachi and Khairpur divisions and were to the same extend above normal in Quetta division.

Forecast valid until the evening of 15th October 1969 : —Thunderstorm/showers will be local in Peshawar and Rawalpindi division and scattered in Quetta, D· I. Khan, Sargodha, Lahore divisions and in Kashmir. A few thunderstrom/showers may occur in Chittagong division. Weather will remain dry elsewhere the in country.

Karachi-11
The 14th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Clud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † We	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) • PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	000	0	2	36	02	96	01	0	137	84	1	1	7	7	0	73	90	000	3	5	23	02	97	08	4	143	79	3	7	5	7	0	77	79	—	—	95.1	—	////	—
	Cox's Bazar ...	000	0	3	00	00	//	//	1	097	82	2	2	5	3	1	72	86	000	0	3	09	06	97	02	0	127	84	3	2	5	2	0	77	75	— 2	+ 1	—	—	—	140
	Chittagong ...	000	0	3	31	02	96	02	0	093	82	3	3	5	3	0	76	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					100
	Maijdee Court ...	000	9	3	18	02	95	02	1	086	86	3	1	5	0	0	73	88	000	9	0	00	00	97	00	0	131	82	0	0	9	0	0	73	73	+ 1	— 1	—	—	—	115
	Comilla ...	000	0	0	00	00	90	20	0	093	88	0	0	9	0	0	76	90	000	0	0	00	00	96	02	0	127	84	0	0	9	0	0	//	73	+ 1	— 1	—	—	—	94
	Brahmanbaria ...	000	0	0	03	00	96	00	0	091	84	0	0	9	0	0	76	93	000	0	0	09	02	97	00	0	142	84	0	0	9	0	0	75	75	—	—	—	—	—	78
	Sylhet ...	000	0	2	00	00	//	01	2	086	91	2	1	6	0	0	73	88	000	0	2	05	05	97	02	0	133	81	1	1	6	3	0	73	69	—	—	119.7	—	147.7	—
	Srimangal ...	000	0	0	00	00	//	00	0	097	77	0	0	9	0	0	76	79	000	0	0	00	00	96	00	0	130	82	0	0	9	0	0	73	69	— 11	— 2	—	—	—	98
Dacca	Mymensingh ...	000	0	4	00	00	//	02	1	103	84	4	4	4	0	0	76	86	000	0	2	00	00	96	01	1	137	87	2	0	8	2	0	75	76	— 2	+ 1	62.1	— 4.5	77.2	91
	Narayanganj ...	000	0	1	03	00	//	01	1	093	88	1	6	7	0	0	76	88	003	0	1	05	00	97	01	1	130	84	1	6	6	0	0	75	77	— 1	+ 1	52.7	+ 1.6	76.2	74
	Dacca (Tezgaon) ...	000	0	4	00	00	97	02	0	093	84	4	8	4	4	0	76	88	000	0	6	00	00	96	01	1	131	84	4	8	4	3	0	77	75	—	—	53.5	—	64.6	—
	Faridpur ...	000	0	0	00	00	97	01	1	090	82	2	4	6	0	0	73	88	000	0	3	07	02	97	01	0	120	96	3	3	6	/	/	77	73	+ 1	— 2	41.3	— 6.2	67.8	71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	01	0	130	84	2	8	5	0	0	77	77	+ 1	+ 2	53.8	— 5.4	63.7	81
	Khulna ...	000	0	2	00	00	97	03	0	103	82	0	2	4	8	0	80	93	000	0	0	09	00	97	03	0	114	73	0	0	9	0	0	79	73	—	—	67.0	+16.8	73.0	68
	Satkhira ...	000	0	2	03	00	97	01	1	065	79	2	2	9	/	/	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
	Jessore ...	000	0	1	00	08	97	01	0	072	86	1	2	6	0	0	76	93	000	3	1	09	03	97	03	4	133	84	1	0	5	0	0	75	75	+ 1	— 1	53.0	+ 7.0	61.4	65
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	13	02	98	03	0	132	83	2	5	7	0	0	73	73			—	—	—	59
	Sirajganj ...	000	0	2	00	00	97	01	1	085	//	2	2	6	0	0	76	88	000	0	0	00	00	98	00	1	133	84	0	1	9	0	0	75	75	—	—	—	—	—	64
	Rajshahi ...	000	0	0	00	00	96	00	0	139	82	0	0	9	0	0	76	86	000	0	4	36	02	96	03	1	139	82	4	0	5	0	0	73	73	— 2	— 2	—	—	—	—
	Bogra ...	000	0	0	00	00	96	01	0	094	82	0	0	9	0	0	76	88	000	0	0	00	00	96	02	0	131	82	0	5	9	0	0	73	73	0	— 1	—	—	—	69
	Dinajpur ...																																								72
	Rangpur ...	000	0	0	00	00	96	01	0	085	82	0	0	9	0	0	77	84	000	5	0	00	00	96	01	4	139	81	0	0	9	0	0	75	70	— 5	— 3	—	—	—	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	084	88	0	0	9	0	0	72	93	000	0	3	05	02	96	02	0	129	77	0	0	9	0	5	60	73	— 3	+ 13	13.3	— 1.3	17.8	19
	Sialkot ...	000	0	0	00	00	96	00	0	120	73	0	0	9	0	0	68	//	000	0	0	10	00	92	00	0	130	76	0	0	9	0	0	70	77	/	+ 13	—	—	—	32
Rawalpindi	Jhelum ...	000	0	1	00	00	97	02	0	089	90	1	1	7	0	0	67	94	001	6	5	31	02	98	29	9	129	69	2	3	6	0	1	62	68	—	—	22.0	—	30.3	—
	Islamabad ...																																								—
	Rawalpindi ...	000	0	5	00	00	98	02	2	095	82	0	0	9	9	0	70	88	064	1	8	36	03	97	29	9	146	64	0	5	6	0	0	62	60	— 2	+ 2	—	—	—	36
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	/	//	//	97	06	0	089	90	0	0	9	0	0	61	94	000	0	0	00	//	98	00	0	125	77	0	0	9	0	0	62	73	— 1	+ 8	—	—	—	15
	Sargodha ...	000	0	1	05	03	97	03	0	082	88	1	2	6	0	1	70	94	000	0	2	03	05	97	01	1	126	73	0	0	9	0	1	60	68	—	—	16.5	—	20.1	—
	Lyallpur ...	000	0	0	07	02	96	00	0	087	90	0	0	9	0	0	68	94	000	0	0	36	02	96	00	0	124	73	0	0	9	0	0	60	73	0	/	4.6	— 4.6	7.6	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	5	00	00	96	03	0	075	88	3	0	9	3	4	67	95	000	0	0	00	00	96	04	0	119	75	0	0	9	0	0	64	69	0	+ 5	8.0	+ 3.1	11.0	7
	Leiah ...	000	0	0	36	02	94	00	0	101	93	0	0	9	0	0	67	93	000	0	0	36	01	//	00	0	119	81	0	0	9	0	0	62	73	—	—	—	—	—	6
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	106	77	0	0	9	0	0	64	65	—	—	0.2	— 4.6	1.1	6
	Bahawalpur ...	000	0	0	00	00	96	00	...	071	94	0	0	9	0	0	73	01	000	0	0	00	00	96	00	0	115	77	0	0	9	0	0	64	65	—	—	—	—	—	6
	Fort Abbas ...	000	0	0	31	02	98	00	0	113	01	0	0	9	0	0	81	01	///	/	0	31	02	98	00	0	072	81	0	0	9	0	0	73	81	—	—	—	—	—	8
Peshawar	Chakdra ...	000	0	1	36	02	97	03	0	077	81	1	1	7	0	0	67	87	009	0	1	05	03	98	01	0	127	65	0	0	9	0	9	58	61	—	—	7.6	—	17.0	—
	Peshawar ...	000	0	5	13	03	97	02	2	096	81	1	1	6	3	1	68	84	000	0	5	00	00	95	04	2	144	65	1	5	6	3	0	60	65	— 5	+ 4	4.7	+ 0.2	13.4	11
	Haripur ...	000	4	6	36	02	97	01	/	068	84	0	0	9	0	5	61	88	092	3	8	05	03	96	03	6	157	64	8	7	6	0	0	62	60	—	—	////	—	20.7	—
D. I. Khan	Bannu ...	000	0	0	00	00	98	03	1	084	82	1	2	7	1	0	70	90	000	0	6	00	00	98	03	1	134	73	0	2	9	4	0	64	69	—	—	—	—	—	11
	D. I. Khan ...	000	0	0	00	00	98	00	0	082	93	0	0	9	0	0	76	94	000	0	0	05	03	96	02	0	131	75	0	0	9	0	0	69	73	0	+ 10	3.5	— 2.0	6.0	9
Quetta	Sibi ...	000	0	2	18	03	97	03	1	007	97	2	0	9	2	0	56	00	000	0	0	80	00	//	02	0	115	//	0	0	9	0	0	66	73	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	30	12	96	02	0	031	95	0	0	9	0	0	55	99	000	0	0	83	03	96	02	0	090	75	0	0	9	0	0	34	69	—	—	0.2	—	0.3	2
Kalat	Turbat ...																																								—
	Jiwani ...	000	0	0	18	10	96	02	0	083	85	0	0	9	0	0	75	88	000	0	3	03	00	96	03	0	109	77	0	0	9	0	0	75	75	—	—	0.0	—	2.0	5
	Pasni ...	000	0	4	25	10	97	02	0	085	86	4	0	9	0	0	77	92	030	0	4	23	02	97	02	0	///	77	0	0	9	0	0	74	51	0	— 16	0.0	— 0.8	0.0	6
Karachi division	Ormara ...																																								4
	Lasbela ...																																								8
	Karachi (Manora) ...	000	0	3	23	03	97	03	0	094	83	3	6	4	0	0	76	85	000	0	6	27	02	96	03	2	119	79	6	6	4	0	0	76	77	— 3	+ 3	1.0	— 4.8	1.1	8
	Karachi (Ariport) ...	000	0	3	23	09	96	03	1	091	84	3	6	5	0	/	74	88	000	0	5	27	02	96	02	2	111	77	5	6	5	0	0	74	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker ...	000	0	0	18	02	97	02	0	119	96	0	0	0	0	0	96	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Umerkot ...																																			—					7
	Hyderabad ...	000	0	0	23	09	96	02	0	088	91	1	0	9	0	0	/.	99	000	0	0	23	02	97	02	0	116	77	0	0	9	0	0	72	73	+ 2	+ 1	0.2	— 5.8	0.3	9
	Badin ...	000	0	0	23	05	97	02	0	044	33	0	0	9	0	0	71	95	000	0	0	23	01	97	02	0	097	78	0	0	9	0	0	74	75	—	—	0.3	— 6.8	0.3	—
Khairpur	Padidan ...	000	0	0	05	02	96	02	0	072	97	0	0	9	0	0	44	99	000	0	0	18	02	96	02	0	113	76	0	0	9	0	0	65	71	—	—	0.8	—	0.8	4
	Nawabshah ...	000	0	0	00	00	96	02	0	078	94	0	0	9	0	0	63	01	000	0	0	00	00	96	02	0	118	74	0	0	9	0	0	67	71	—	—	1.0	—	1.1	—
	Sukkur ...	000	0	0	23	02	96	02	0	069	95	0	0	9	0	0	68	97	000	0	0	13	02	95	05	4	100	80	0	0	9	0	0	68	73	—	—	0.1	—	0.1	4
	Kashmore ...	000	0	6	18	02	98	03	2	065	95	0	0	9	0	6	62	97	000	0	0	05	//	98	02	0	103	84	0	0	9	0	0	55	70	—	—	—	—	—	20
	Jacobabad ...	000	0	1	09	09	96	03	0	065	95	1	2	6	0	0	58	95	000	0	0	36	02	96	02	0	103	37	0	0	9	0	0	65	74	— 4	+ 8	2.4	+ 0.2	2.7	26
Junagadh	Varaval ...																																								—
	HILL STATIONS																																								
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								5
	Aliabad * ...																																								59
	Gilgit * ...																																								
Rawalpindi	Murree * ..	000	0	6	29	03	97	02	/	511	61	6	1	3	0	0	50	67	020	2	8	09	10	97	03	9	533	50	8	5	3	/	/	38	46	0	4	—	—	—	18
Peshawar	Drosh * ...																																								29
	Cherat * ...																										...	...	...	...	...	...	...	...	...						—
	Kakul * ...	000	0	5	09	02	98	03	1	521	76	5	2	4	0	0	58	81	...	...	...	...	...	...	...											—					—
	Landikotal * ...	000	0	4	31	05	98	01	0	645	73	4	3	9	/	/	//	82	000	0	3	00	03	98	01	0	533	58	2	5	9	3	0	43	54	—					29
	Prachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	05	96	00	0	520	69	6	0	9	0	0	54	64	— 3	+ 4	—	—	—	13
D.I. Khan	Miranshah * ...	000	0	6	00	//	96	03	0	499	84	6	0	9	3	0	53	84	000	0	0	03	00	98	00	0	508	59	0	0	9	0	0	//	56	—	—	—	—	—	11
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	03	00	97	02	0	509	59	0	0	9	0	0	38	58		—	—	—	—	11
Quetta	Fort Sandeman * ...	000	0	5	23	05	97	03	2	487	82	5	4	7	0	0	//	83	000	0	0	00	00	97	02	0	541	58	0	0	9	0	0	//	33	+ 1	+ 5	2.2	— 2.9	6.5	—
	Hindubagh * ...	000	0	0	00	00	97	02	0	541	80	0	0	9	0	0	//	78	000	0	0	27	02	98	00	0	395	55	0	0	9	0	0	45	45	—	—	9.2	—	4.6	9
	Loralai * ...	000	0	0	27	02	98	81	0	390	84	0	1	8	0	0	45	86	000	0	0	31	02	98	02	0	481	70	0	0	9	0	0	49	65	—	—	0.6	—	0.6	—
	Barkhan * ...	000	0	0	13	05	98	02	0	471	83	0	0	9	0	0	63	89	000	0	0	80	00	96	02	0	493	68	0	0	0	0	0	43	//	—	—	—	—		14
	Harnai * ...	000	0	0	00	00	96	02	0	507	85	0	0	0	0	0	51	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) * ...	000	0	0	00	00	96	02	0	504	74	2	5	7	0	0	11	77	000	0	0	09	03	97	00	0	515	68	0	0	9	0	0	54	61	—					8
	Chaman * ...	000	0	0	00	00	96	00	0	497	80	0	0	9	0	0	43	//	000	0	0	07	05	97	02	0	553	76	0	0	9	0	0	47	66	/	+ 8	2.1	+ 1.8	4.8	—
	Nushki * ...	000	0	0	00	00	97	82	0	554	86	0	0	9	0	0	51	88	000	0	3	36	02	97	03	0	507	69	0	0	9	0	0	39	61	—	—	0.5	—	2.6	4
	Dalbandin * ...	000	0	0	00	00	97	02	0	505	93	0	0	9	0	0	47	95	000	0	0	18	03	97	02	0	523	54	0	0	9	0	0	38	43	+ 5	+ 10	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	4	31	02	96	01	0	495	70	0	0	9	0	4	52	73	000	0	0	00	00	96	02	0	514	68	0	0	9	8	8	47	63	— 2	+ 2	0.8	— 0.4	2.2	—
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																			—	1.8	—	3.2	5
	Panjgur * ...																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Robin	99 2 21	10 6 52	13 8 03	02 7 12	99 0 20	10 2 27	00 9 00		...					
Croixd	99 1 93	20 5 92	12 0 64	02 3 12	98 0 20	13 7 28	00 9 00	53 1 15			05 3 23	12 9 06	30 3 01	24 5 02
Barpeta	99 2 51	10 5 93	13 0 63	02 6 01	97 0 10	12 8 87	00 9 00		74 1 03		00 3 80		30 3 01	
British Dreed	99 2 26	16 9 61	13 0 03	42 8 16	98 0 30	10 8 26	31 4 00	63 5 00			0 / / 25	12 7 46	30 3 02	28 5 03
Bvamora	99 2 49	10 5 85	13 1 23	03 4 07	97 0 20	10 0 89	00 9 00	34 6 15			00 2 81		30 3 04	31 5 03
Dumra	99 2 35	10 6 74	12 1 83	02 0 11	99 0 30	11 0 28	00 9 00		73 2 03		05 1 23		30 3 02	26 7 02
Dumra	99 2 47	10 6 61	13 1 83	22 7 08	98 0 10	11 8 27	25 5 00	63 2 14			05 1 23		30 2 02	26 7 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0F_0$ $T_0T_0T_0$ D_0D_0	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	808 248 08	...	745 178 //	143 086 //	586 061 60	756 175 60	560 315 60	234 549 //	...	...	...	...	...
Dacca	00 00	010 240 27	...	460 122 56	098 044 58	578 091 58	748 215 57	955 355 59	224 583 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	067 250 15	...	400 164 50	088 011 //	568 181 //	732 265 //	936 331 //	215 465 //	...	...	...	...	...
Multan	00 00	996 210 17	...	500 236 62	163 117 65	586 085 77	793 10/ /6	247 381 //		...	...	...	...	...
Peshawar	00 00	972 200 40	...	520 174 66	144 090 23	584 111 //	751 241 //	956 375 //	226 525 //	...	...	...	...	...
Quetta	00 00	/// 132 65	...	...	137 116 59	776 186 //	737 345 //	526 625 //	...	...	...	...	...	...
Sargodha	00 00	997 230 50	...	500 204 59	204 060 55	587 515 //	755 211 //	562 351 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_tT_tP_tT_tT_tT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 200 35	800 144 //	600 030 40	350 247 60	...	...	...	...	...	...	...	...
Dacca	00 00	900 160 49	800 094 57	600 015 58	350 275 59	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 160 64	600 089 //	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal	305 02	300 01	345 01	345 02	290 03	275 04	250 13	235 19	225 23	020 06	025 03	045 04	180 01	015 04	230 12
Bogra	335 86	340 03	/// / /	180 04	180 7/	100 04	085 09	...	...	050 03	035 02	035 01	003 03	330 04	150 02
Chakula	...	173 02	175 02	145 01	290 03	285 06	285 09	268 09	275 12	...	...	...	...	...	...
Chhor	225 08	235 08	235 06	290 33	355 04	320 13	315 06	345 15	340 22	223 09	265 06	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	200 02	300 01	095 01	340 01	295 03	275 05	...	...	...	...	...	...	...	...	...
Dacca	155 01	230 02	265 02	310 01	550 01	305 03	255 15	265 22	...	...	...	...	...	...	...
Dalbandin	...	...	240 02	315 10	295 06	305 06	280 14	280 20	290 05	...	...	095 05	160 05	245 09	270 09
D. I. Khan	165 03	155 04	140 07	130 12	140 11	240 03	...	...	...	105 08	135 08	145 07	175 04	255 01	270 06
Drosh	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	235 08	245 11	240 17	130 08	315 05	...	...	...	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	100 02	005 04	280 11
Ishurdi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	110 09	095 05	165 04	260 04	280 10	310 19	...	345 17	...	080 07	140 06	190 06	191 63	210 10	230 07
Jessore	220 03	235 03	320 03	280 02	260 01	315 04	...	...	...	...	...	...	...	...	...
Jhelum	105 01	130 03	145 02	175 02	240 02	310 06	290 12	240 08	225 08	015 19	360 15	350 13	320 12	220 12	...
Jiwani	265 08	250 10	265 12	295 12	300 11	310 08	080 07	330 16	320 18	270 06	290 16	280 20	280 18	265 1/	260 11
Karachi	255 01	260 09	260 08	310 06	310 07	340 07	335 17	010 09	345 15	...	...	...	...	...	...
Khanpur	085 08	025 09	025 08	035 05	005 03	085 03	255 21	235 20	...	115 10	290 09	071 03	345 15	360 18	325 15
Khuzdar	...	...	...	320 06	320 06	315 10	311 81	310 25	...	...	...	...	250 04	245 04	350 21
Lahore	095 06	100 08	105 08	115 06	155 05	320 06	275 10	280 08	300 05	110 06	110 06	050 05	035 06	015 04	320 06
Multan	075 08	060 11	/// / /	080 09	120 05	240 04	320 06	190 10	205 16	110 02	005 03	335 03	295 06	250 03	140 04
Nawab Shah	065 03	145 05	230 08	290 07	325 09	335 13	350 32	...	...	160 05	150 04	140 09	212 07	280 10	320 05
Nokkundi	...	...	080 03	150 01	305 06	300 11	290 17	285 22	295 21	...	...	215 21	280 07	240 07	250 09
Panjgur	...	...								...	...	...	...	...	...
Peshawar	...	360 04	060 06	120 09	185 13	250 13	255 09	285 19	290 21	...	230 09	250 08	345 07	060 08	100 07
Parachinar	...	...	...	095 03	140 02	300 14	275 11	...	330 13	...	...	...	210 03	065 06	...
Quetta	...	...	...	...	275 11	270 03	320 14	...	...	...	...	...	...	...	...
Sargodha	090 04	080 06	080 07	140 06	245 04	275 15	280 06	300 08	285 09	085 26	050 19	09/ 07	065 07	020 06	280 07
Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	310 02	315 04	320 04	...	...	...	...	...	...	...	...
Bogra	345 01	115 05	115 05	110 04							
Chakula	...	050 08	350 09	330 10	280 13	295 14	340 13	...	...	...	...
Chhor	190 08	170 07	100 07	090 05	360 08	331 51	360 07	350 14	325 10	...	...
Chittagong	050 02	075 02	065 14	155 14	210 15	220 22	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	160 03	090 03	140 02	160 03	185 04	...	...	...	...	...	...
Dacca	080 02	050 03	045 02	130 02	190 03	225 09	...	...	...	...	...
Dalbandin	...	...	090 08	200 07	340 05	265 15	290 09	295 05	280 04	...	...
D. I. Khan	120 08	125 11	130 11	150 10	165 05	190 04	260 12	250 09	275 08	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	335 02	040 04	215 04	210 15	200 18	221 02	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	110 03	120 03	185 04	185 06	280 08	220 11	225 12	285 06	325 14	...	...
Jessore	345 02	345 02	345 02	...	...	...	...	...	...	...	...
Jhelum	330 04	340 05	340 05	340 15	320 15	285 08	290 19	...	...	...	...
Jiwani	205 01	320 //	...	...	...	...	...	...	...	...	...
Karachi	255 05	245 05	...	...	...	...	...	...	...	...	...
Khanpur	320 05	337 08	/// //	335 06	320 09	285 05	330 03	125 05	265 01	...	...
Khuzdar	...	...	...	350 01	260 03	315 05	330 13	310 14	295 13	...	...
Lahore	055 04	090 05	090 07	100 06	305 04	295 10	290 08	320 10	310 13	...	...
Multan	040 07	095 1/	080 10	310 36	070 08	310 46	230 16	/22 78	140 03	...	...
Nawab Shah	155 06	155 08	145 07	255 09	135 07	360 17	...	...	...	...	...
Nokkundi	...	...	090 04	290 13	280 14	185 06	170 06	175 03	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	120 01	185 01	185 04	225 07	270 06	290 11	295 11	300 18	...	...
Parachinar	...	...	...	552 70	155 03	050 03	310 04	275 11	285 17	...	...
Quetta	...	...	...	...	265 02	285 04	300 14	280 14	265 17	...	...
Sargodha	050 09	085 08	100 07	050 3/	080 06	310 3/	310 13	315 15	...	...	...
Skardu	...	...	...	249 01	...	...	...	...	...	...	...
Sylhet	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	280 11	280 11	280 11	270 10	310 09	330 10	340 8/	323 11	325	...	...	...	...	...	...	...	...	...
Multan																		
Peshawar																		
Quetta																		
Sarg./dha																		

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

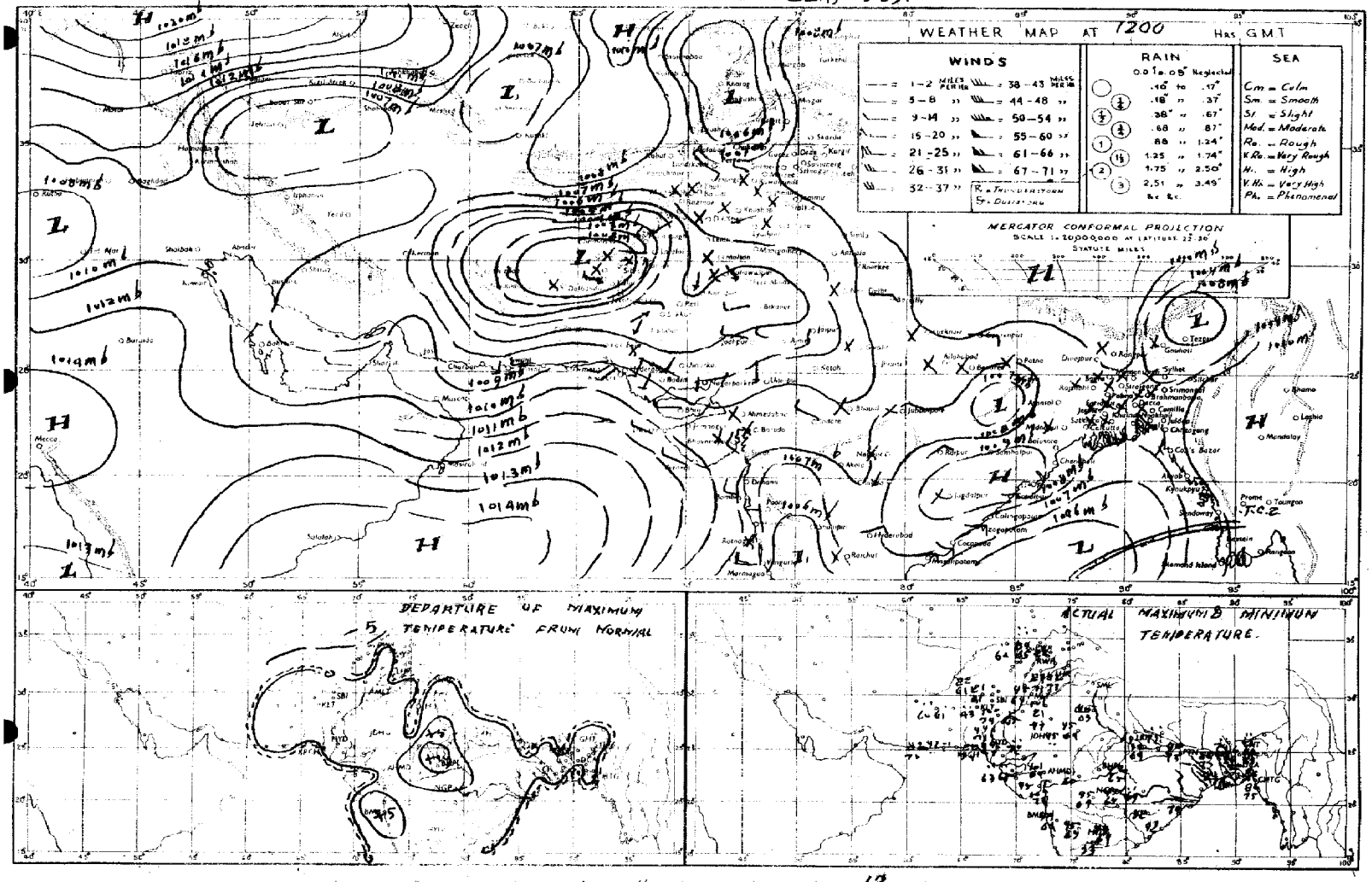
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(height)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
*The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

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

PAKISTAN DAILY WEATHER MAP

MONDAY 13TH OCTOBER, 1969.

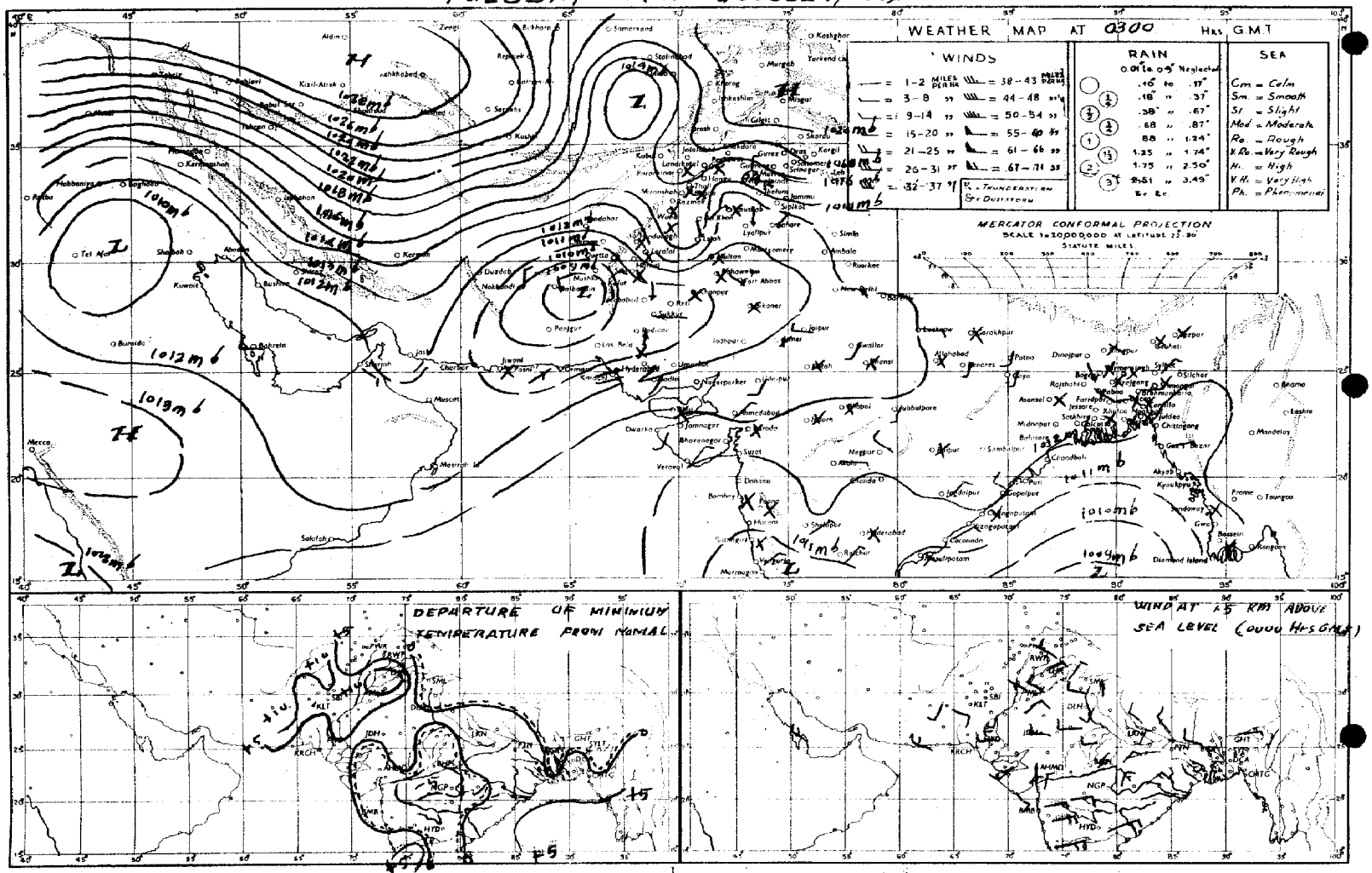


Pressure units indicated in the above chart refer to mb at 12 hours.

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 14TH OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th OCTOBER 1969.

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

A well marked low pressure area has developed in south West Bay of Bengal. Thunderstorms/light showers have occurred at a few places in Chittagong division. Yesterday's westerly low pressure wave is moving away across north of Kashmir. The seasonal trough of low pressure extends from Kalat division to Peshawar division. Rain/thundershowers have been fairly widespread in Sargodha division and scattered in Rawalpindi and Peshawar divisions. A few duststorms have also occurred in Lahore division.

Chief amounts of rainfall are: Murree ¾", Khushab ½" and Sargodha ¼".

Day temperatures were 7—9 °F (4—5 °C) above normal in western Quetta division and 3—7 °F (2—4 °C) below normal in Dacca, Lahore, Rawalpindi, Peshawar and Karachi divisions.

Forecast valid until the evening of 16th October 1969 :— Scattered rain/thundershowers are likely to occur in Rawalpindi and Lahore divisions and in Kashmir. A few thunderstorms/light showers may also occur in Chittagong, Khulna, Sargodha and Peshawar divisions. Weather will be dry elsewhere over the country.

Karachi-11
The 15th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	31	02	96	01	0	102	84	1	1	7	7	0	76	90
	Cox's Bazar	008	8	2	31	05	96	01	0	095	82	2	5	4	0	/	76	86
	Chittagong	000	0	1	31	02	56	01	2	095	82	1	1	5	0	0	73	88
	Maijdee Court	000	9	0	00	00	95	00	0	089	84	0	0	9	0	0	73	88
	Comilla	000	0	0	00	00	96	02	0	094	86	0	0	9	0	0	73	90
	Brahmanbaria	000	0	0	00	00	96	00	1	094	82	0	0	9	0	0	77	90
	Sylhet	000	0	2	00	00	//	//	/	090	81	2	2	6	3	0	73	88
	Srimangal	000	0	0	00	00	//	00	0	097	81	0	0	9	0	0	75	90
Dacca	Mymensingh	000	0	0	00	00	//	00	/	097	81	0	0	9	0	0	76	88
	Narayanganj	000	0	0	00	00	//	00	0	092	84	0	0	9	0	0	76	86
	Dacca (Tezgaon)	000	0	2	00	00	97	02	2	093	84	2	8	5	0	0	76	88
	Faridpur	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...
Khulna	Barisal	000	0	3	00	00	99	03	/	099	84	3	4	5	0	0	91	90
	Khulna	000	0	0	00	00	//	//	/	///	//	0	0	6	0	0	88	93
	Satkhira	000	0	2	00	00	97	01	1	097	84	2	1	9	1	1	84	//
	Jessore	000	0	1	00	00	97	02	4	097	84	/	/	/	/	/	76	90
Rajshahi	Pabna	000	0	2	00	00	//	03	/	096	84	2	0	9	6	6	76	90
	Sirajganj	000	0	2	00	00	97	01	1	095	82	2	2	6	0	0	73	88
	Rajshahi	000	0	0	71	00	96	00	1	098	82	0	0	9	0	0	73	88
	Bogra	000	0	0	00	00	11	00	1	098	83	0	0	9	0	0	76	88
	Dinajpur	000	0	0	00	00	95	00	9	099	84	0	0	9	0	0	73	90
	Rangpur	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	096	88	0	0	9	0	0	67	90
	Sialkot	000	0	0	00	00	97	00	0	115	81	0	0	9	0	0	59	96
Rawalpindi	Jhelum	000	0	/	00	00	97	03	0	095	86	0	0	0	0	1	68	93
	Islamabad																	
	Rawalpindi	000	0	6	00	00	98	02	5	111	79	0	0	9	6	0	64	82
	Campbellpur																	
Sargodha	Khushab	000	0	0	13	//	97	00	0	895	90	0	0	9	0	0	65	94
	Sargodha	000	0	1	00	00	97	03	0	095	89	0	0	9	0	1	68	99
	Lyallpur	000	8	0	00	00	96	00	0	075	87	0	0	9	0	8	69	91
Multan	Sahiwal																	
	Multan	000	0	0	50	02	97	02	0	086	90	0	0	9	0	0	68	94
	Leiah	000	0	0	36	00	94	00	0	096	90	0	0	9	0	0	63	90
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	083	94	0	0	9	0	0	61	99
	Bahawalpur																	
	Fort Abbas	///	/	0	23	02	98	00	0	064	99	0	0	9	0	8	81	99
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	000	1	7	00	00	97	17	9	106	77	1	9	6	2	0	67	82
	Haripur	000	4	5	23	02	97	00	0	160	81	0	0	9	0	5	67	81
D. I. Khan	Bannu																	
	D. I. Khan																	
Quetta	Sibi	000	0	0	18	03	97	02	0	007	97	2	0	9	2	0	68	//
	Nokkundi	000	0	4	27	03	96	03	0	031	95	0	0	9	0	0	62	99
Kalat	Turbat																	
	Jiwani	000	0	0	18	07	96	02	0	083	85	0	0	9	0	0	77	88
	Pasni	000	0	4	25	10	97	02	0	085	86	4	9	6	0	0	77	92
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	0	23	03	97	02	0	093	83	0	0	9	0	0	75	85
	Karachi (Ariport)	000	0	1	27	05	96	01	1	093	85	1	6	9	0	0	75	88
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	119	99	0	0	9	0	0	96	99
	Chhor	000	0	0	23	05	96	02	0	087	95	0	0	9	0	0	66	97
	Hyderabad	000	0	2	23	07	97	03	0	086	92	0	0	9	0	1	68	98
	Badin	000	0	0	23	04	97	02	0	093	95	0	0	9	0	0	70	97
Khairpur	Padidan	000	0	0	13	02	96	02	0	090	//	0	0	9	0	0	//	//
	Nawabshah	000	0	2	18	03	96	03	0	086	95	2	5	9	0	0	68	97
	Sukkur	000	0	0	23	02	96	02	0	085	00	0	0	9	0	0	60	07
	Kashmore	000	0	0	23	02	98	02	0	084	98	0	0	9	0	0	60	00
	Jacobabad	000	0	0	16	03	97	02	0	076	95	0	2	9	0	0	62	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	045	2	8	13	05	96	95	6	532	49	8	9	2	/	/	46	61
Peshawar	Drosh *	000	0	0	00	03	99	01	9	532	65	0	0	9	0	0	50	//
	Cherat *	000	0	2	36	04	98	01	2	508	70	2	2	7	0	0	50	73
	Kakul *	001	1	6	18	03	98	17	9	516	70	7	9	5	0	0	56	73
	Landikotal *	000	0	8	31	05	98	02	0	410	76	8	7	6	/	/	67	81
	Prachinar *	002	3	6	16	07	98	17	6	504	67	4	9	6	0	4	49	72
D.I. Khan	Miranshah *	000	0	6	08	00	96	00	0	494	81	6	0	9	3	0	51	82
	Wana *	000	0	3	13	08	99	00	0	511	77	3	2	8	0	0	81	81
Quetta	Fort Sandeman *	000	0	1	23	07	97	02	0	485	81	1	1	7	0	0	//	84
	Hindubagh *	000	0	0	27	03	96	02	0	497	69	0	0	9	0	0	44	//
	Loralai *	000	0	0	27	03	98	00	0	390	80	0	0	9	0	0	55	85
	Barkhan *	000	0	0	13	05	98	02	0	472	83	0	0	9	0	0	38	87
	Harnai *	000	0	0	00	00	96	02	0	505	87	0	0	0	0	0	54	88
	Samungli (Quetta) *	000	0	0	32	11	97	02	0	503	76	0	0	9	0	0	24	79
	Chaman *	000	0	0	27	03	97	00	0	503	85	0	0	9	0	0	51	//
	Nushki *	000	0	0	31	12	97	02	0	559	91	0	0	9	0	0	56	93
	Dalbandin *	000	0	5	27	00	97	03	0	506	95	5	0	9	0	0	46	65
Kalat	Kalat *	000	0	6	34	02	95	02	1	492	72	0	5	9	0	0	43	76
	Khuzdar *	000	0	4	00	00	97	03	0	493	86	4	5	6	0	0	45	90
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	3	05	02	98	01	1	145	82	2	2	7	7	0	75	79	—	—	95.1	—	18 5	—
	Cox's Bazar	008	9	6	09	06	97	03	2	134	82	4	3	4	3	0	77	77	— 2	+ 3	—	—	—	140
	Chittagong	000	0	2	36	02	96	01	9	135	82	2	4	4	0	0	77	77	+ 1	+ 3	—	—	—	108
	Maijdee Court	000	9	0	00	00	97	00	0	134	84	0	0	9	0	0	73	77	+ 1	— 3	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	137	84	0	0	9	0	0	75	73	+ 1	— 1	—	—	—	94
	Brahmanbaria	000	0	2	32	03	97	03	1	136	86	3	4	5	0	0	75	79	—	—	—	—	—	78
	Sylhet	000	0	2	00	00	97	02	0	135	81	2	4	5	0	0	73	69	—	—	119.7	—	147.7	—
	Srimangal	000	0	0	00	00	96	00	0	113	69	0	0	9	0	0	69	//	0	/	—	—	—	98
Dacca	Mymensingh	000	0	2	00	00	97	00	1	145	82	2	0	8	2	8	75	73	0	—	62.1	— 4.7	77.2	91
	Narayanganj	000	0	2	31	02	97	01	1	137	87	2	6	6	0	0	73	79	— 3	+ 3	52.7	— 1.7	76.2	74
	Dacca (Tezgaon)	000	0	1	36	05	96	02	0	135	82	0	0	9	0	1	73	73	—	—	53.5	—	64.6	—
	Faridpur	000	0	2	00	00	97	01	0	128	84	2	4	6	0	0	73	73		— 2	43.3	— 6.5	67.8	71
Khulna	Barisal	000	0	2	00	00	97	03	0	134	84	2	8	5	0	0	75	77	+ 2	+ 2	53.8	— 5.7	63.7	81
	Khulna	000	0	0	00	00	97	00	0	133	87	0	0	9	0	0	77	75	/	—	67.0	+15.7	73.0	68
	Satkhira	000	0	2	00	00	97	01	1	134	84	2	0	0	1	1	73	75	+ 1	—	—	—		65
	Jessore	000	3	2	36	03	97	03	4	138	84	1	5	0	4	1	73	75	—	— 1	53.0	— 6.7	61.4	66
Rajshahi	Pabna	000	0	1	31	05	98	03	0	138	82	0	0	9	0	1	73	75	—	—	—	—	—	59
	Sirajganj	000	0	0	00	00	98	00	0	139	92	0	0	9	0	0	73	73	—	—	—	—	—	64
	Rajshahi	000	0	2	27	02	96	01	1	144	82	1	5	5	2	0	69	75	0	0	—	—	—	—
	Bogra	000	0	0	31	05	96	02	0	141	82	0	0	9	0	0	75	73	0	— 1	—	—	—	69
	Dinajpur	000	5	0	00	00	96	01	4	142	81	0	0	9	0	0	73	69	+ 1	— 4	—	—	—	73
	Rangpur	000	5	0	00	00	96	01	4	142	81	0	0	9	0	0	73	69	—	— 4	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	6	13	03	93	30	0	181	75	3	9	6	7	0	58	69	— 6	+ 9	13.3	— 1.3	17.8	19
	Sialkot	000	8	0	20	85	//	//	/	170	70	0	0	9	0	0	//	//	+ 3		—	—	—	32
Rawalpindi	Jhelum	001	2	8	23	07	97	95	9	177	//	6	9	6	2	1	58	65	—	—	22.0	—	30.3	—
	Islamabad																							
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8					36
	Campbellpur																							—
Sargodha	Khushab	060	5	6	09	//	95	01	0	153	68	5	2	8	4	0	58	68	— 1	+ 3	—	—	—	18
	Sargodha	035	3	7	05	07	97	17	9	161	64	7	9	6	2	0	62	62	—	—	16.8	—	20.4	—
	Lyallpur	000	0	5	36	03	96	02	0	171	73	5	4	8	0	0	64	68	— 3	+ 5	4.6	— 4.6	7.7	12
Multan	Sahiwal																							18
	Multan	000	0	0	00	00	96	04	0	132	75	0	0	9	0	0	58	73	— 1	+ 9	8.0	+ 3.1	11.0	7
	Leiah	000	0	0	36	02	92	00	0	127	81	0	0	9	0	8	64	73	—	—			—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	113	79	0	0	9	0	0	58	65	—	—	0.2	— 4.6	1.1	6
	Bahawalpur																							6
	Fort Abbas	///	/	8	00	00	98	00	0	059	83	0	0	9	0	0	72	79	—	—	—		—	8
Peshawar	Chakdra	033	0	6	05	05	98	01	2	135	65	6	0	9	7	0	58	61	—	—	8.8	—	17.0	—
	Peshawar	000	0	5	00	00	97	02	2	188	65	1	3	6	3	0	60	65	— 7	+ 4	4.7	+ 0.2	15.4	11
	Haripur	013	5	8	50	03	96	30	6	177	65	8	9	7	9	/	63	40	—	—	1.6	—	/////	—
D. I. Khan	Bannu																							11
	D. I. Khan																							9
Quetta	Sibi	000	0	6	27	03	97	02	0	///	//	/	/	/	/	/	//	75	/	+ 2	0.2	—	0.2	5
	Nokkundi	000	0	0	23	03	96	02	0	138	63	0	0	9	0	0	42	69	—	—	0.2	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	0	00	00	96	03	0	125	76	3	6	5	0	0	75	74	—	—	0.0	—	2.0	8
	Pasni	000	0	4	29	06	97	02	0	137	76	4	0	9	0	0	75	//	0	—	0.0	— 0.8	0.0	6
Karachi division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	000	0	0	00	00	96	01	1	125	87	0	0	9	0	0	74	77	— 3	+ 3	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	0	36	01	96	02	0	126	77	0	0	9	0	0	74	65	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	0	23	02	57	02	0	126	76	0	0	9	0	0	72	73	+ 1	+ 1	0.2	— 5.8	0.3	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Khairpur	Padidan	000	0	0	13	03	//	02	0	119	76	0	0	9	0	0	70	71	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	02	96	02	0	125	74	0	0	9	0	0	70	//	—	/	10.0	—	1.1	4
	Sukkur	000	2	0	13	03	95	05	4	170	82	0	0	9	0	0	79	76	—	—	0.1	—	0.1	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	1	00	03	96	03	0	119	79	1	0	8	0	0	67	75	+ 2	+ 2	2.4	+ 0.2	2.7	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	081	2	8	09	05	97	03	9	543	50	8	5	4	/	/	30	45	— 6	— 5	—	—	—	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					29
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					—
	Kakul *	017	8	7	31	02	97	03	9	537	65	7	3	4	0	0	51	56	—	—	—	—	—	—
	Landikotal *	000	0	0	//	//	98	02	0	///	73	0	0	9	0	0	58	58	—	—	—	—	—	29
	Prachinar *	002	3	6	00	00	98	02	9	545	58	6	5	6	0	0	//	54	— 3	+ 4	—	—	—	13
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—			—	11
	Wana *	000	0	6	13	02	98	03	0	500	65	6	0	0	4	0	58	58	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	18	02	97	02	0	513	61	0	0	9	0	0	38	58	+ 2	+ 5	2.2	— 2.9	4.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	534	52	0	0	9	0	0	//	37	—	—	9.2	—	4.6	9
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	45	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	31	02	98	02	0	488	70	0	0	9	0	0	48	//	—	/	—	—		14
	Harnai *	000	0	0	00	00	96	02	0	503	71	0	0	0	0	0	56	//	—	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Chaman *	000	0	0	09	03	97	00	0	515	68	0	0	9	0	0	54	61	/	+ 8	2.1	+ 1.8	4.8	—
	Nushki *	000	0	0	00	00	97	05	0	572	66	0	0	9	0	0	37	64	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	1	05	07	97	03	0	530	71	1	0	9	4	0	45	64	+ 7	+ 13	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	3	16	02	96	02	1	526	60	4	0	8	1	1	//	48	— 1	+ 7	0.8	— 0.4	2.2	—
	Khuzdar *	008	0	0	00	00	96	01	0	520	69	0	0	9	0	0	53	65	—	—	1.8	—	3.2	5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_4T_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 44	10 6 44	13 8 03	12 7 07	98 0 20	10 6 28	11 5 00	43 4 08			03 2 24		30 2 01	25 6 02
Damora	99 2 26	10 6 36	14 0 63	02 4 13	98 0 20	14 2 84	00 9 00	34 1 08			00 2 74		30 5 03	26 6 05
Dumra	99 2 41	10 6 18	14 1 23	02 5 10	99 0 20	10 0 28	08 9 00	63 7 15			00 0 26		30 3 01	...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_oT_o$ $D_oD_oD_o$	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 244 06	...	504 128 34	227 054 56	590 105 56	759 211 56	965 353 60	236 553 //	...	...	...	...	...
Dacca ...	00 00	011 202 2/	...	480 152 5/	105 059 //	582 085 60	752 183 60	962 330 60	236 521 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	088 240 20	...	500 240 60	182 081 //	586 181 //	753 271 //	...	...	...	...	...	...	...
Multan ...	00 00	997 225 50	...	410 142 5/	...	575 171 //	739 355 //	944 355 //	...	...	...	...	...	...
Peshawar ...	00 00	972 200 55	...	480 170 49	121 054 58	570 111 //	741 225 //	953 369 //	...	...	...	...	...	...
Quetta ...	00 00	822 146 61	...	...	138 092 25	680 177 //	740 331 //	903 431 //	...	...	...	...	...	...
Sargodha ...	00 00	958 220 30	...	500 194 57	193 043 34	541 121 //	752 221 //	595 341 //	234 471 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD								Max. Wind Speed	TROPOPAUSE	
										$P_mP_mP_m$ $d_md_md_m$ $f_mf_mf_m$	$P_tT_tP_tT_tT_tT_{td}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 152 29	800 104 35	600 011 57	350 279 62	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 186 47	800 114 59	600 005 59	350 259 60	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 145 6	600 043 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. ↑ of Previous day (dd ff)									At 0000 hrs. G.M.T. ↑ of date (dd ff)						At 0600 hrs. G.M.T. ↑ of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	340 03	350 03	350 03	315 02	270 03	245 11	240 24	235 29	240 32	015 08	010 09	005 09	335 09	265 09	245 11	050 03	005 03	005 04	010 07	315 06	245 12	245 24	245 29	240 29	...	...
Bogra ...	290 06	305 06	300 04	280 04	180 05	160 02	170 11	250 27	245 29	305 07	310 04	345 03	025 05	030 10	245 08	335 05	355 08	350 08	360 05	...	...	...	...	...	...	...
Chaklala ...	...	110 02	185 02	240 09	270 11	260 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	335 05	225 06	170 03	080 08	015 13	345 12	360 13	320 12	300 15	200 10	190 12	100 08	070 11	070 03	010 12	175 08	185 08	200 07	120 05	085 09	020 18	025 19	330 03	275 12	...	...
Chittagong ...	310 08	315 07	335 05	250 02	185 02	200 06	...	...	...	...	...	...	...	...	...	060 05	055 04	058 04	360 03	290 04	265 09	230 24	225 23	220 25	...	...
Cheras ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	350 02	355 03	350 02	265 01	295 03	230 05	230 10	...	...	/01 31	015 09	////	245 03	230 05	264 04	...	030 05	030 05	050 05	405 04	220 04	265 06	235 11	...	...	...
Dacca ...	325 04	355 02	355 01	235 01	550 01	239 11	...	...	...	...	...	...	...	...	...	325 05	350 05	010 06	025 04	020 07	355 07	...	...	...	...	...
Dalbandin ...	...	...	250 13	260 12	295 06	260 10	270 08	...	...	...	...	101 13	090 24	105 17	150 08	...	...	070 20	080 21	095 21	...	...	...	...	...	...
D. I. Khan ...	145 06	140 07	140 09	145 09	140 11	220 06	250 16	255 21	160 17	041 02	055 13	085 09	110 86	...	...	250 03	095 04	115 10	130 10	180 08	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	235 17	230 16	225 09	260 09	290 11	275 27	...	...	...	062 04	037 09	290 21	...	...	...	300 03	355 04	180 12	275 32	285 41	280 39	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 07	160 07	160 07	185 04	320 08	355 21	320 24	310 13	310 21	155 06	165 07	165 08	205 11	240 06	305 7/	140 13	155 15	195 18	195 21	190 23	215 71	290 21	315 21	...	...	...
Jessore ...	010 03	045 02	345 01	230 52	300 03	...	...	...	...	030 05	021 04	340 03	350 08	325 08	265 08	315 03	330 02	025 03	010 04	010 05	/// //	260 19	...	...	...	...
Jhelum ...	045 04	010 06	340 02	190 05	265 08	315 14	300 19	295 28	305 08	045 07	040 15	015 13	190 06	235 06	...	355 12	105 11	120 11	125 07	040 03	330 4/	...	...	...	...	...
Jiwani ...	230 05	320 10	340 13	290 13	275 16	230 16	255 08	320 17	310 26	270 10	275 17	295 16	231 //	270 10	285 10	300 //	295 14	290 14	235 07	230 10	235 13	225 08	259 13	280 19	...	...
Karachi ...	250 08	295 04	295 04	070 03	235 04	040 08	360 17	320 14	325 16	...	...	...	...	...	...	275 04	280 07	238 07	285 01	275 03	345 07	315 06	330 05	335 09	...	...
Khanpur ...	026 06	025 05	/// //	295 05	251 13	205 08	235 11	335 13	325 08	200 12	205 13	225 14	250 17	240 13	270 13	340 12	335 13	/// //	331 14	295 04	250 12	255 24	205 24	205 13	...	...
Khuzdar ...	...	...	...	270 06	280 10	300 20	325 29	...	...	...	...	...	275 05	275 12	290 10	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	040 30	055 02	055 02	360 03	345 03	305 08	275 21	300 14	300 15	055 09	075 06	095 05	115 04	175 01	355 03	015 14	025 12	065 13	130 10	160 07	240 16	...	...	...	...	...
Mulcan ...	...	...	...	...	...	...	...	...	...	151 12	155 09	225 06	246 13	270 11	305 19	050 24	055 21	035 14	035 07	145 06	205 17	215 25	230 20	245 18	...	...
Nawab Shah ...	161 06	140 06	106 05	012 05	355 09	355 26	...	...	...	170 14	165 15	151 50	070 8/	075 07	020 07	185 13	170 11	190 10	160 5/	295 05	185 06	175 29	...	...	...	...
Nokkundi ...	...	...	215 12	240 08	250 04	250 06	...	...	...	...	...	310 08	280 13	240 11	280 09	...	...	145 28	305 04	310 06	285 09	240 14	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 18	085 08	190 07	230 13	265 05	275 12	...	...	...	035 07	065 06	070 05	185 08	155 04	...	355 08	030 03	160 04	235 15	230 17	280 15	...	...	...	...
Parachinar ...	...	...	...	...	165 09	...	...	...	...	...	...	...	245 03	100 83	...	...	...	...	246 03	180 83	/// //	305 12	...	...	...	...
Quetta ...	...	...	...	...	320 08	315 19	285 14	289 19	300 13	...	...	...	...	290 08	310 08	...	...	...	...	255 06	245 08	230 12	265 17	265 04	...	...
Sargodha ...	075 04	085 05	115 05	145 03	315 05	270 16	290 12	310 17	295 16	059 13	125 11	145 07	130 05	160 04	250 13	075 03	050 03	025 05	360 06	210 07	260 18	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	350 02	350 02	290 03	...	100 5/	...	230 23	...	230 25	...	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	280 11	230 05	200 05	175 06	330 04	015 08	085 13	005 14	315 15	...	...	...	...	...	...	...	...	...
Multan ...	170 60	230 06	230 08	240 13	235 07	310 18	310 18	275 22	275 25	...	...	...	...	...				
Peshawar ...																		
Quetta ...																		
Sargodha ...	085 02	105 01	135 12	125 06	125 06	215 07	265 20	260 20	253 23	...	...	...	...	...				

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

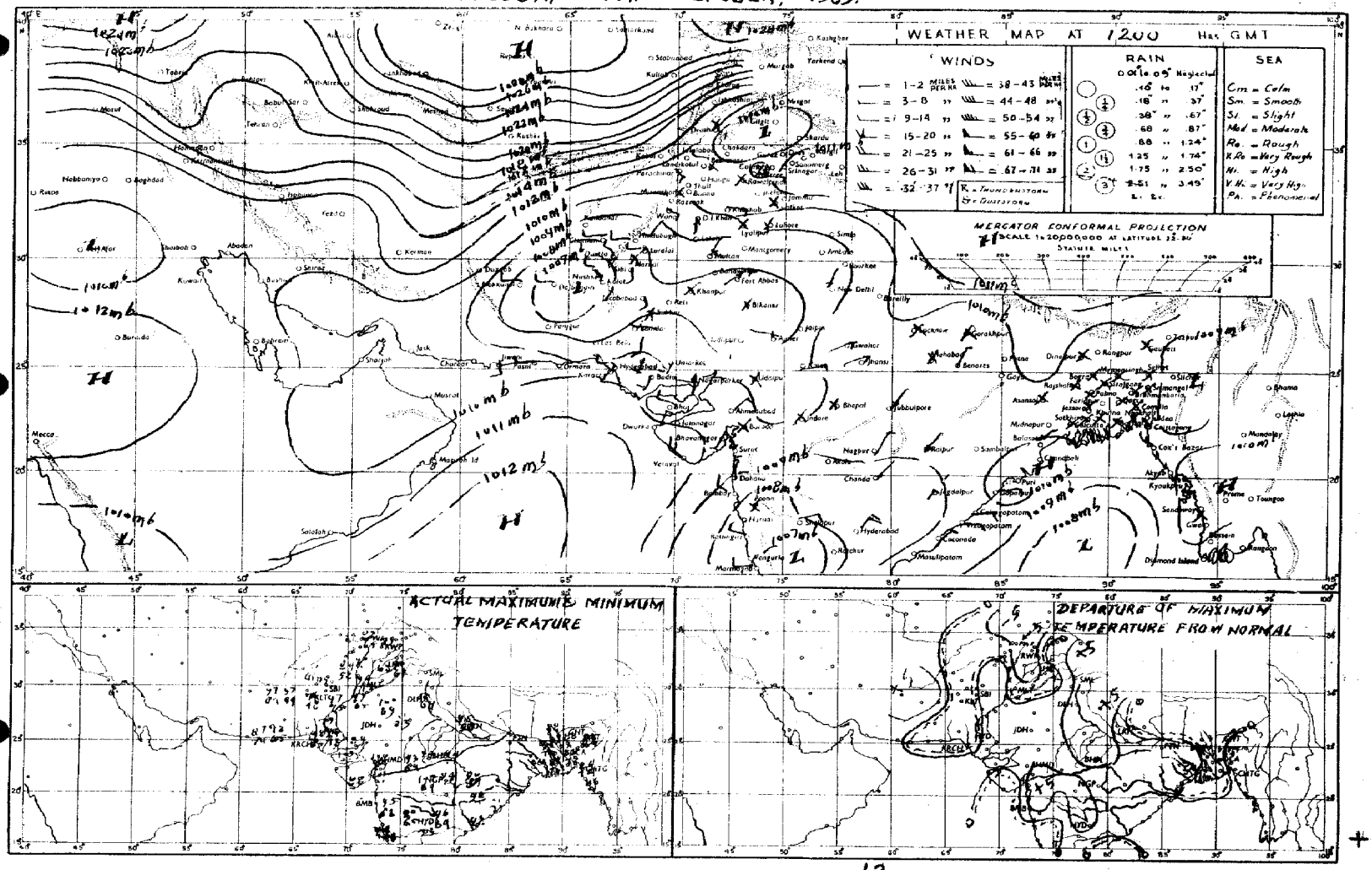
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_s—Approximate sonde value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
*The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

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

PAKISTAN DAILY WEATHER MAP

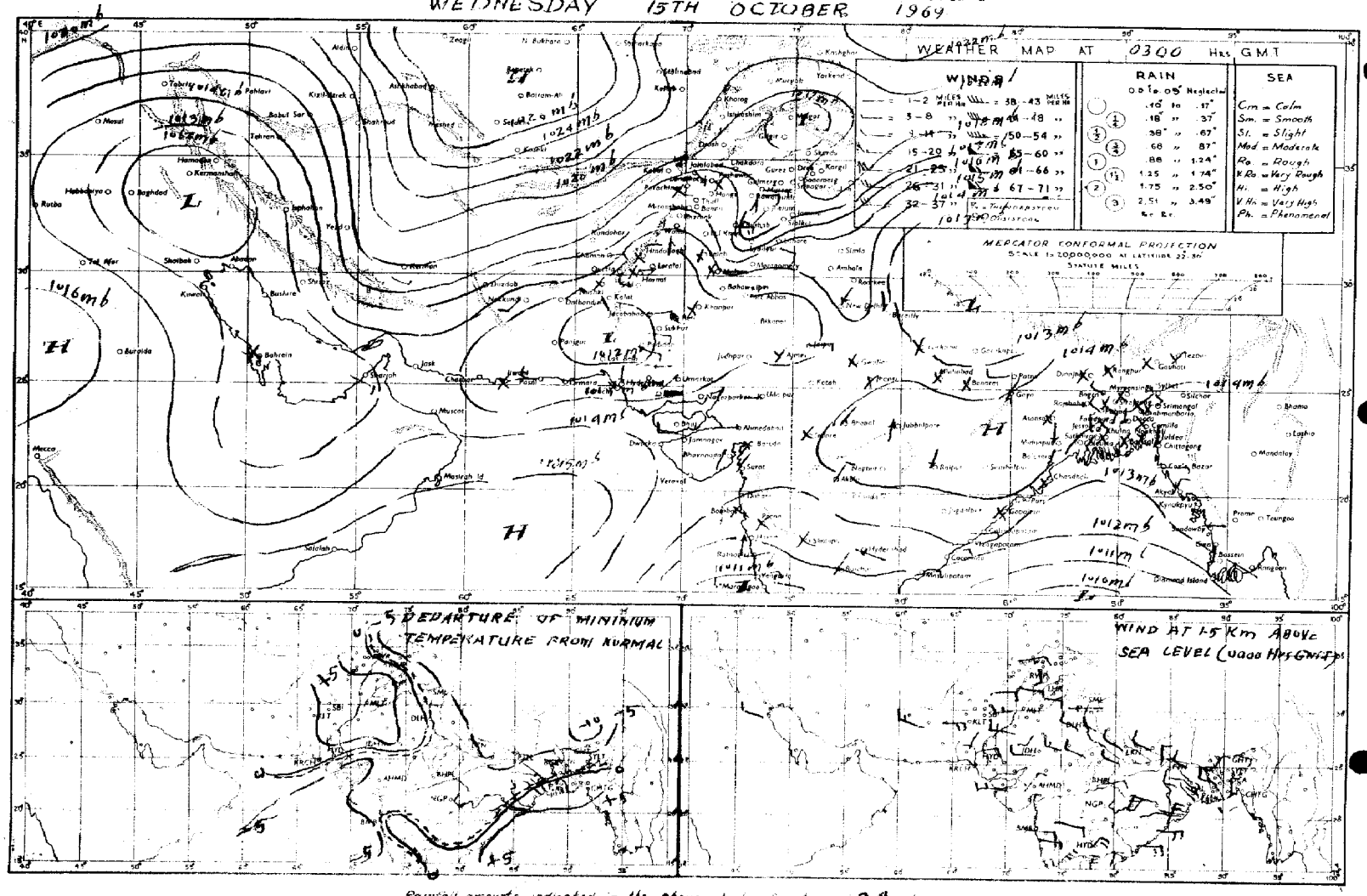
TUESDAY 14TH OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15TH OCTOBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 16th OCTOBER 1969.

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

Observation's nearly absent but believe yesterdays well marked low pressure area in south West Bay of Bengal concentrated into a depression, centred at 16,0300 G.M.T. with in one degree of latitude 11½ °N and longitude 81½ °E. It is likely to move in a north westerly direction. Yesterday's westerly low pressure wave north of Kashmir is moving away east wards. A low pressure area has developed over north Gujrat and adjoining Hyderabad division. Rain/thundershowers have been fairly widespread in Peshawar divisions and scattered in Rawalpindi, Sargodha and Multan divisions. A few thunderstorm/light showers have also occurred in Lahore and D.I. Khan divisions and a few falls of light rain/drizzle in Quetta and Karachi divisions. Weather remained dry elsewhere in the country.

Chief amounts of rainfall are: Parachinar 2", Jhelum and Cherat 1" each, Chakdara, Peshawar and Kakul ½" each and Rawalpindi, Multan and Haripur ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Chittagong, Rawalpindi, Multan, Quetta and north Kalat divisions and were to the same extent below normal in Lahore and south Kalat divisions and 9—12 °F (5—7 °C) so in Sargodha, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 17th October 1969 :— Scattered thunderstorms/showers are likely to occur in Quetta, Peshawar and Rawalpindi divisions and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 16th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	3	05	02	96	01	0	101	86	2	1	7	7	0	73	90
	Cox's Bazar ...	000	0	3	34	C6	56	02	0	095	84	2	2	5	1	0	75	88
	Chittagong ...	C00	0	6	31	05	56	03	2	096	84	2	4	5	0	1	75	90
	Maijdee Court ...	C00	9	0	00	00	95	00	0	093	84	0	0	9	0	0	73	88
	Comilla ...	000	0	0	00	00	96	02	0	099	84	0	0	9	0	0	75	90
	Brahmanbaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet ...	000	0	3	09	00	//	02	0	086	80	1	1	6	0	2	72	88
	Srimangal ...																	
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj ...	000	0	0	00	C0	//	C0	0	099	88	0	0	9	0	0	73	89
	Dacca (Tezgaon) ...	000	0	2	00	00	97	01	0	091	82	2	8	5	3	0	73	89
	Faridpur ...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...
Khulna	Barisal ...	000	8	1	00	C0	//	01	2	099	84	1	8	5	0	0	80	90
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	000	0	2	00	00	97	01	1	101	84	2	0	9	1	1	79	90
	Jessore ...	000	0	1	00	00	97	01	1	104	85	1	0	9	3	0	74	89
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra ...	000	0	0	00	C0	11	02	0	099	82	0	0	9	0	0	73	90
	Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur ...	000	0	0	00	00	96	01	8	102	80	0	0	9	0	0	77	84
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	007	2	5	05	03	96	29	9	106	75	3	8	6	2	0	58	82
	Sialkot ...																	
Rawalpindi	Jhelum ...	016	8	5	00	00	98	02	9	125	77	4	6	5	'	6	64	81
	Islamabad ...																	
	Rawalpindi ...	000	4	8	C0	00	58	02	5	143	70	8	4	6	0	0	60	73
	Campbellpur ...																	
Sargodha	Khushab ...	000	2	7	09	//	97	02	5	124	73	2	3	5	0	4	68	80
	Sargodha ...	013	9	3	07	03	97	03	9	119	73	0	0	9	0	2	67	74
	Lyallpur ...	000	8	4	00	00	96	02	0	103	80	4	3	8	0	8	60	84
Multan	Sahiwal ...																	
	Multan ...	000	0	0	05	03	94	85	0	100	88	0	8	9	0	0	//	99
	Leiah ...	000	0	0	36	82	54	00	0	103	90	0	0	9	0	0	63	//
Bahawalpur	Khanpur ...	000	0	2	00	00	97	02	0	C83	95	0	0	9	0	1	63	01
	Bahawalpur ...	000	0	0	00	00	55	00	0	092	92	0	0	0	0	0	75	94
	Fort Abbas ...	800	0	0	05	00	58	82	0	080	01	0	0	9	0	8	63	94
Peshawar	Chakdra ...	059	5	7	27	02	97	01	9	150	63	7	3	7	0	0	59	75
	Peshawar ...	036	3	8	18	03	97	95	9	175	63	4	9	6	2	1	60	77
	Haripur ...	C00	8	8	36	02	96	03	2	147	68	8	7	6	0	0	63	75
D. I. Khan	Bannu ...	C00	0	6	09	02	98	50	9	122	75	6	3	6	8	8	63	79
	D. I. Khan ...	000	0	8	05	04	94	00	0	124	70	0	0	9	0	0	63	84
Quetta	Sibi ...	800	0	6	18	03	97	03	1	083	95	0	6	9	4	2	66	C0
	Nokkundi ...	000	0	8	00	00	95	05	0	071	92	0	0	9	0	0	57	93
Kalat	Turbat ...																	
	Jiwani ...	000	0	0	23	07	96	02	0	100	80	0	0	9	0	0	72	96
	Pasni ...	800	0	4	25	06	97	02	0	108	87	4	0	9	0	0	77	08
Karachi division	Ormara ...	000	0	1	27	10	96	03	3	109	86	1	8	6	0	0	77	88
	Lasbela ...	///	0	4	18	02	98	C0	0	078	00	0	0	8	0	0	73	02
	Karachi (Manora) ...	000	0	0	23	03	57	02	0	094	83	8	0	9	0	0	76	86
	Karachi (Ariport) ...	000	8	0	25	03	56	02	0	856	86	0	0	9	8	0	76	91
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	0	C0	00	96	02	0	C88	97	8	0	9	0	0	62	98
	Hyderabad ...	000	0	2	18	05	97	C3	0	058	95	0	0	9	0	1	64	98
	Badin ...	0C0	0	0	23	01	97	02	0	089	96	0	0	9	0	0	69	98
Khairpur	Padidan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawabshah ...	800	0	4	13	10	96	03	1	089	95	0	0	9	3	4	60	99
	Sukkur ...	000	8	0	23	03	95	05	4	088	94	0	0	9	0	0	70	01
	Kashmore ...	000	0	4	18	02	98	03	0	093	87	0	0	9	8	4	65	00
	Jacobabad ...	800	0	3	18	05	97	03	0	095	95	1	0	9	3	1	55	98
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh * ...																	
	Cherat * ...	070	1	8	36	05	92	60	9	507	54	8	6	1	0	0	54	67
	Kakul * ...	007	2	6	31	15	97	03	9	527	58	6	6	4	0	0	54	67
	Landikotal * ...	C00	0	8	05	05	98	03	0	///	//	8	7	6	0	0	33	73
	Prachinar * ...	C04	6	6	16	07	96	03	9	526	58	4	9	6	3	8	52	67
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	02	0	512	75	4	0	9	3	0	47	75
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman * ...	000	0	4	23	89	97	01	2	485	81	4	4	7	0	0	//	81
	Hindubagh * ...	000	0	7	23	05	94	05	0	462	75	7	2	4	0	0	35	79
	Loralai * ...	000	0	8	18	04	98	81	0	390	80	0	1	8	8	8	45	82
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	492	85	0	0	0	0	0	59	88
	Samungli (Quetta) * ...	000	0	3	27	11	96	03	0	505	76	3	4	7	0	0	38	80
	Chaman * ...	000	0	0	27	05	96	00	0	516	80	0	0	9	0	0	43	83
	Nushki * ...	000	0	8	00	00	94	85	0	562	84	0	8	9	8	0	50	85
	Dalbandin * ...	000	0	0	21	02	93	07	0	521	88	0	0	9	0	0	53	90
Kalat	Kalat * ...	000	0	3	31	02	96	02	1	500	70	0	4	9	0	8	43	78
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud ferm † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	...	..	..	...	..	...	...	...	...	...	...	..	...	...	...	...	...	—				—	—
	Cox's Bazar	000	0	2	36	66	97	02	4	123	84	0	0	9	0	1	75	77	0	+ 4	03.4	+72.0	91.1	140
	Chittagong	0C0	0	1	00	00	96	02	8	127	82	0	0	9	3	0	75	73	+ 3	0	51.2	— 3.0	10.4	108
	Maijdee Court	C00	9	0	C0	00	57	00	0	123	82	0	0	9	0	0	73	//	+ 1	/	115.8	+26.2	128.0	115
	Comilla	000	0	0	00	00	56	02	0	127	84	0	0	9	0	0	73	72	+ 1	— /	83.5	+16.4	102.7	94
	Brahmanbaria	C80	0	4	36	00	57	03	/	129	84	4	4	5	0	0	75	75		—	44.1	— 8.1	53.8	78
	Sylhet	000	0	2	00	05	97	03	0	127	80	2	1	6	0	0	72	70	—	—	119.7	—	147.7	—
	Srimangal																							98
Dacca	Mymensingh	808	0	0	00	00	97	C0	0	137	82	0	0	9	0	8	73	73		— 1	62.1	— 5.0	77.3	91
	Narayanganj	000	0	1	31	02	57	01	1	130	86	0	0	9	3	0	73	75	— 0	0	57.4	+ 6.8	80.8	74
	Dacca (Tezgaon)	000	0	1	36	02	56	02	0	131	82	0	0	9	0	1	73	73	—	—	53.5	—	64.6	—
	Faridpur	000	0	1	00	00	97	01	0	120	84	1	0	9	0	8	73	75		+ 1	43.2	— 7.0	56.8	71
Khulna	Barisal	080	0	2	09	02	97	03	2	///	84	2	4	5	0	8	77	75	+ 2	+ 1	54.3	— 5.4	64.2	81
	Khulna	000	0	0	00	00	97	00	0	132	86	0	0	9	0	0	80	77		+ 4	66.7	+15.2	72.8	68
	Satkhira	000	0	2	36	01	97	01	1	132	84	0	0	9	1	1	73	73	—	+ 1	56.3	+ 7.1	61.6	65
	Jessore	000	3	1	03	05	97	82	4	132	84	0	0	9	0	7	73	73	0	— 1	53.0	+ 6.6	61.4	66
Rajshahi	Pabna	000	0	2	31	02	98	03	0	131	84	0	0	9	0	4	73	75		—	51.4	—	65.2	59
	Sirajganj	000	0	0	00	00	98	00	0	131	82	0	0	9	0	0	75	75		+ 2	43.5	— 4.6	56.2	64
	Rajshahi	0C0	0	2	27	02	96	01	1	134	82	0	0	9	2	0	63	75		+ 2	53.3	+ 8.2	67.3	—
	Bogra	000	8	2	00	C0	96	02	9	128	82	0	0	9	0	1	73	76	+ 2	+ 2	42.3	—11.5	58.3	69
	Dinajpur	C00	0	0	00	00	96	00	0	///	84	0	0	9	6	8	73	73		+ 1	72.5	+19.4	95.5	72
	Rangpur	000	6	0	00	00	96	01	4	145	80	0	0	9	0	0	75	68	— 5	— 3	66.4	+ 1.0	86.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	007	8	0	C0	00	96	01	9	147	70	0	0	9	0	0	60	67	— 6	+ 9	13.3	— 1.3	17.8	19
	Sialkot																							32
Rawalpindi	Jhelum	091	6	1	30	12	98	03	6	152	68	1	0	9	3	0	59	62	—	—	23.8	—	31.3	—
	Islamabad																							—
	Rawalpindi	021	9	0	00	00	99	00	9	161	63	0	8	9	0	0	58	58	— 17	+ 2	20.1	— 3.8	30.1	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	C0	/'	97	00	0	143	65	0	0	9	0	0	64	64	— 15	+ 2	4.4	— 5.9	7.8	15
	Sargodha	017	0	0	00	00	97	02	0	154	67	0	0	9	0	0	60	//	—	/	16.8	—	20.4	—
	Lyallpur	800	2	4	36	02	56	02	9	151	70	4	9	8	0	0	63	65	— 10	+ 4	4.6	— 4.5	7.7	12
Multan	Sahiwal																							18
	Multan	029	9	0	00	00	97	02	9	165	70	0	0	9	0	0	63	65	+ 4	+ 3	8.3	+ 3.4	11.3	7
	Leiah	...	..	...	...	...	...	...	...	...	.	...	...	..	...	..	...	...	/					8
Bahawalpur	Khanpur	000	9	2	36	03	96	02	3	148	73	0	0	9	0	1	65	70	—	+ 9	0.2	— 4.6	1.1	6
	Bahawalpur	000	9	2	00	00	95	00	8	150	72	0	0	9	0	0	56	68	—	+ 7	0.7	— 3.5	2.0	6
	Fort Abbas	...	...	..	...	..	...	..	..	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	059	0	8	00	00	99	02	0	154	60	0	0	9	0	0	58	56	—	—	8.2	—	17.6	—
	Peshawar	055	0	0	C0	00	98	02	0	172	67	0	0	9	0	0	60	59	— 8	+ 1	4.7	+ 0.1	13.4	11
	Haripur	028	8	0	03	03	97	00	4	171	62	0	0	9	0	0	60	//	—	/	9.6	—	20.0	—
D. I. Khan	Bannu	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	800	9	0	23	03	96	82	9	147	68	0	8	9	0	0	62	64	— 10	+ 3	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	4	23	03	97	03	0	145	78	0	4	9	2	2	64	77	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	C0	09	95	05	0	122	66	0	0	9	0	0	49	63	—	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	0	27	07	96	02	0	126	79	0	0	9	0	0	72	75	—	—	0.0	—	2.0	5
	Pasni	000	0	/	//	//	//	02	0	131	75	0	0	8	0	0	75	51	— 4	— 1.6	0.0	— 0.8	0.0	6
Karachi division	Ormara	C0C	0	6	C0	80	96	06	6	132	77	6	6	6	0	0	75	//	—	—	0.0	— 0.0	0.6	6
	Lasbela	///	0	2	00	00	/	//	/	129	76	0	0	8	0	0	71	67	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	3	27	03	96	03	0	125	79	3	6	4	0	8	74	78	— 2	+ 5	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	0	27	C2	96	01	1	209	20	7	2	9	0	1	72	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker																							—
	Chhor	000	0	0	00	00	96	02	0	130	75	0	0	9	0	0	70	69	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	00	00	57	02	0	126	77	0	0	9	0	8	73	74	+ 1	+ 4	0.2	— 5.8	0.3	9
	Badin	000	0	0	00	00	50	//	/	114	75	0	0	9	0	0	92	73	—	+ 5	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	05	03	56	82	8	331	75	0	0	9	0	0	65	72		—	0.8	—	0.8	—
	Nawabshah	100	0	0	05	02	96	01	1	134	76	0	0	9	0	0	68	69	—	—	10 0	—	1.1	4
	Sukkur	000	0	0	13	15	95	05	3	127	77	0	0	9	0	0	64	75	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	09	95	05	4	128	86	0	0	9	0	0	64	74	—	—	0.0	—	0.0	4
	Jacobabad	000	0	2	09	17	96	07	0	137	78	2	5	6	0	0	60	75	— 1	+ 11	2.4	+ 0.2	2.7	18
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	043	2	2	13	03	98	01	6	530	54	0	0	9	8	0	43	45		— 4	18.5	—18.2	36 1	18
Peshawar	Drosh *																							29
	Cherat *	097	9	0	36	18	58	00	0	524	56	0	0	9	0	8	49	//	— 12	/	40.0	— 8.2	14.4	—
	Kakul *	052	0	1	09	03	99	01	0	525	60	1	1	6	0	0	51	54	—		19.3	—	30.0	—
	Landikotal *	000	0	0	36	02	98	02	2	632	60	0	0	9	0	0	54	49	—	—	2.2	—	12.6	29
	Prachinar *	245	0	0	00	00	99	02	9	543	54	0	8	9	0	0	47	47	— 8	— 1	10.1	—	20.8	12
D.I. Khan	Miranshah *	...	..	..	...	...	...	...	...	...	...	...	..	...	..	..	...	...	—					11
	Wana *	005	0	8	10	02	98	03	5	505	68	8	1	7	0	0	56	58		—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	C0	C0	96	05	0	529	62	0	0	9	0	0	49	58	— 1	+ 9	2.2	— 2.9	6.5	—
	Hindubagh *	000	0	0	00	C0	97	02	0	513	56	0	0	9	0	0	34	45	—	—	3.0	—	6.0	9
	Loralai *	005	0	0	27	02	98	00	0	395	50	0	0	9	0	0	45	44	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	478	72	3	3	2	1	2	49	//	—	—	4.0	— 3.6	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	94	02	0	550	58	0	0	9	0	0	37	55	—	—	—	—	—	8
	Chaman *	000	0	0	09	00	97	00	0	555	61	0	0	9	0	0	43	58	+ 4	+ 6	2.1	— 1.8	4.8	—
	Nushki *	000	0	0	33	04	95	05	0	564	68	0	0	9	0	0	38	61	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	95	05	0	519	65	0	0	9	0	0	40	58	0	+ 9	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	18	03	97	02	0	536	52	0	0	9	0	0	33	46	+ 3	+ 7	0.8	— 0.4	2.2	—
	Khuzdar *	008	0	0	36	02	96	82	0	525	66	0	0	9	0	0	59	62		—	1.8	—	3.2	5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 16th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RRt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Fredom	99 2 47	10 6 59	15 1 23	02 6 10	98 0 20	10 0 27	80 / 00	63 6 10	...		0/ / 24	12 7 05	30 1 01	24 6 03
Chergontehahapve	99 2 25	10 6 11	15 4 23	01 5 03	98 0 20	11 2 26	00 9 00	...	...		0/ / 22	12 7 15	30 2 01	19 8 02
Vhavronpdit	99 2 34	10 6 01	15 0 63	03 4 04	98 0 20	13 2 30	00 9 00	...	...		0/ / 26	...	30 2 01	18 9 62
Bombala	99 2 26	10 6 70	15 0 63	22 7 03	98 0 20	14 1 82	21 4 00	...	73 2 10		05 1 72	...	30 4 01	...
Bawean	93 2 08	10 5 95	15 0 63	12 6 04	99 0 30	16 0 26	04 1 16	...	...		0/ / 24	12 7 01	30 2 01	17 7 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_o\ T_oT_oT_o\ D_oD_o$	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	809 244 10	...	420 144 25	098 076 47	580 079 38	750 177 84	959 329 57	233 535 //	...	...	...	...	...
Dacca ...	00 00	001 236 08	...	400 158 57	121 090 59	583 077 50	745 173 50	964 351 //	233 583 //	..	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	081 240 12	...	500 174 20	126 084 41	584 061 //	756 151 //	966 325 //	243 455 //	...	...	...	...	...
Multan ...	00 00	000 190 30	...	540 176 30	186 146 30	591 005 //	778 055 //	991 191 //	287 271 //	...	...	...	...	...
Peshawar ...	00 00	975 152 15	...	510 136 21	115 048 27	578 115 25	745 023 //	905 733 //	221 481 //	...	...	...	...	...
Quetta ...	00 00	825 132 56	...	...	315 036 //	577 153 //	743 245 //	945 397 //	214 547 //	...	...	...	...	...
Sargodha ...	00 00	998 210 40	...	490 184 40	103 034 15	583 131 //	750 231 //	956 345 //	241 491 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TT T_a DD)									Max. Wind Speed ($P_mP_mP_m\ d_md_m\ f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 176 33	800 124 53	600 016 33	350 245 39	...	...	...	...	...	...	...	...
Dacca ...	00 00	908 180 50	800 126 58	600 016 57	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	03 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	03 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 122 //	600 067 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	350 04	340 04	340 05	350 90	280 06	265 12	250 19	250 23	250 23
Bogra ...	305 04	310 05	315 04	310 07	315 06	015 07	295 18	...	285 31
Chaklala ...	...	345 08	080 09	100 08	085 09	190 09	235 1/	...	...
Chhor ...	205 04	175 03	110 04	110 09	045 11	025 07	330 12	310 17	305 21
Chittagong ...	315 11	320 09	350 07	295 05	240 02	205 16	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	320 17	335 13	335 09	355 05	360 06	225 03	215 06	...	...
Dacca ...	320 04	320 05	320 04	300 06	325 04	310 04	305 07	...	...
Dalbandin ...	...		155 01	155 02	280 03	...	...	...	...
D. I. Khan ...	060 12	065 13	065 10	135 04	...	—	...	...	...
Drosh ...	...	..	...	055 00	250 03	125 02	...	...	...
Fort Sandeman ...	...	..	...	245 06	024 01	280 21	275 29	265 20	260 33
Gilgit ...	...	...	...	...	...	...	...		...
Ishurdi ...				...					
Jacobabad ...	170 10	175 11	185 12	185 15	190 15	240 11	285 13	280 17	285 14
Jessore ...	340 03	345 03	010 03	010 02	340 06	300 14	280 26	...	280 132
Jhelum ...	290 01	055 03	100 08	125 10	065 08	285 08	270 11	285 23	280 29
Jiwani ...	265 09	285 11	285 11	265 16	260 21	255 22	210 17	265 14	285 13
Karachi ...	265 03	260 02	320 02	360 04	355 06	335 06	050 08	345 10	330 13
Khanpur ...	275 07	285 06	285 05	240 07	205 07	175 17	130 12	205 11	280 06
Khuzdar ...	...	...		270 02	245 05	275 10	285 14	...	...
Lahore ...	080 10	040 10	010 07	340 07	335 15	...	...	...	...
Multan ...	090 05	135 07	145 09		155 10	...	...	...	...
Nawab Shah ...	175 11	185 11	220 08	275 08	...	...	...	...	...
Nokkundi ...	...		235 03	175 02	260 06	310 15	...	...	...
Panjgur ...	...	...		...		...		...	...
Peshawar ...	...	340 10	025 09	075 09	245 12	300 10	300 12	..	...
Parachinar ...	...	...	...	195 08	150 89		...	...	...
Quetta ...	...	...	.	...	280 12	265 09	265 15	...	270 27
Sargodha ...	...	...	..	...	...	...	...	...	..
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...
Veraval ...	...	...	..	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	030 06	025 10	015 10	360 10	310 04	270 10
Bogra ...	335 06	345 07	335 09	350 08	(05 07	095 03
Chaklala ...	...	305 03	020 02	330 04	390 06	275 07
Chhor ...	210 11	205 09	260 04	100 13	065 08	060 08
Chittagong ...	...	...	...	...	..	...
Cherat ...						
Cox's Bazar ...	012 40	010 26	005 25	360 16	360 13	310 03
Dacca ...	...	...				
Dalbandin ...	...	...	060 10	055 29	110 12	145 06
D. I. Khan ...	270 08	290 06	035 05	330 83	325 01	260 06
Drosh ...				220 01	225 01	230 01
Fort Sandeman ...	...	...	...	845 02	210 20	270 21
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	105 37	115 55	/// //	205 16	240 15	240 15
Jessore ...	015 06	015 09	020 11	201 1	005 10	215 08
Jhelum ...	350 08	355 16	343 13	065 04	045 09	340 10
Jiwani ...	290 21	290 20	290 20	305 10	325 05	280 17
Karachi ...	...			...		
Khanpur ...	020 10	030 13	035 15	045 08	055 07	130 54
Khuzdar ...	...	...		270 06	255 05	265 12
Lahore ...	010 09	055 12	015 19	340 08	285 08	260 05
Multan ...	035 07	080 12	090 12	275 04	250 15	..
Nawab Shah ...	180 14	175 11	160 10	155 04	120 02	325 09
Nokkundi ...	...	...	...	...		...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...
Quetta ...	..	...	...	...	...	...
Sargodha ...	050 15	080 05	345 04	295 12	260 21	345 04
Skardu ...	No	Ascent			...	...
Sylhet ...	No	Ascent	...	...	...	...
Veraval ...	...	..	...	...	...	...

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	360 05	360 06	360 06	010 06	340 07	255 16	345 18	285 19	240 13	...	...
Bogra ...	330 07	350 06	315 03		035 02	..	..	...	...	...	...
Chaklala ...	...	250 04	215 05	255 02	240 08	250 12	265 19	255 11	275 22	...	...
Chhor ...	...				...		...		...	...	...
Chittagong ...	350 05	345 04	255 04	250 03	230 11	245 21	235 29	245 21	...	...	...
Cherat ...	...	...			...	...	..	...	...	...	...
Cox's Bazar ...	270 12	305 08	305 04	020 04	245 04	250 04	250 11	275 08	240 12	...	...
Dacca ...	350 07	345 08	010 09	010 06	/./ //	/// //	270 19	255 27	260 25	...	...
Dalbandin ...	...	...	075 08	100 10	250 05	240 09	310 07	315 08	305 11	...	...
D. I. Khan ...	295 03	295 06	/// //	295 02	170 05	270 13	271 59	275 22	280 26	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	—	275 04	220 11	265 21	265 19	270 30	270 33	...	...
Gilgit ...	..	...	.	...	...	...	...	...	...	...	.
Ishurdi ...	...	...		...		...	...	...	...	...	...
Jacobabad ...	075 10	115 13	130 13	175 04	205 15	225 07	250 10	285 19	285 25	...	...
Jessore ...	010 06	015 05	015 06	040 06	355 05	260 11	255 18	245 21	240 23	...	..
Jhelum ...	...		...	...			...	...		...	...
Jiwani ...	295 12	260 18	280 19	265 17	280 09	265 09	275 13	290 13	290 19	...	...
Karachi ...	260 03	235 04	221 04	175 03	095 04	005 06	045 06	345 09	325 10	...	...
Khanpur ...	...	...	...		...	...	...	.	...	...	...
Khuzdar ...	..		.	...				..	..	...	..
Lahore ...	005 05	345 09	310 09	280 07	280 13	271 7/	280 27	290 35	280 29	...	...
Multan ...	040 07	090 09	/// //	090 04	185 13	240 32	270 39	270 36	270 30	...	...
Nawab Shah ...	310 03	205 05	190 05	200 07	040 03	305 01	278 02	205 05	...	..	...
Nokkundi ...	..	..	145 03	050 07	105 04	285 05	325 08	...	..	...	...
Panjgur ...	...				...					...	...
Peshawar ...	...	185 03	275 04	335 10	330 18	300 17	280 15	275 14	290 21	...	...
Parachinar ...		...	...	...	...	...	...	..		..	...
Quetta ...		...		...	245 08	260 11	275 23	...	...	...	...
Sargodha ...	345 05	310 10	280 09	240 07	260 03	265 21	270 31	285 55	285 39	...	...
Skardu ...	...	...	..	275 53	...	...	...	...	...	—	.
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	.	...	...	...	...	...

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	330 08	350 03	350 04	...	001 2/	—	245 13	...	255 25	...	...	...	...	...	...			
Gilgit ...																		
Jiwani ...																		
Karachi ...	275 08	265 08	240 08	240 06	295 04	280 04	028 14	360 19	340 15	...	...	...	...	...	...	...	...	...
Multan ...	025 11	025 16	025 17	105 16	080 19	0/5 12	355 29	355 56	270 95	...	...	...	...	...	..			
Peshawar ...	...	300 08	320 08	330 08	335 08	415 11	280 23	280 21	285 19	...	...	...	...	...	...			
Quetta ...																		
Sargodha ...	000 00	025 02	025 03	310 10	260 17	275 22	285 30	205 40	288 41	...	...	...	..	...	...			

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

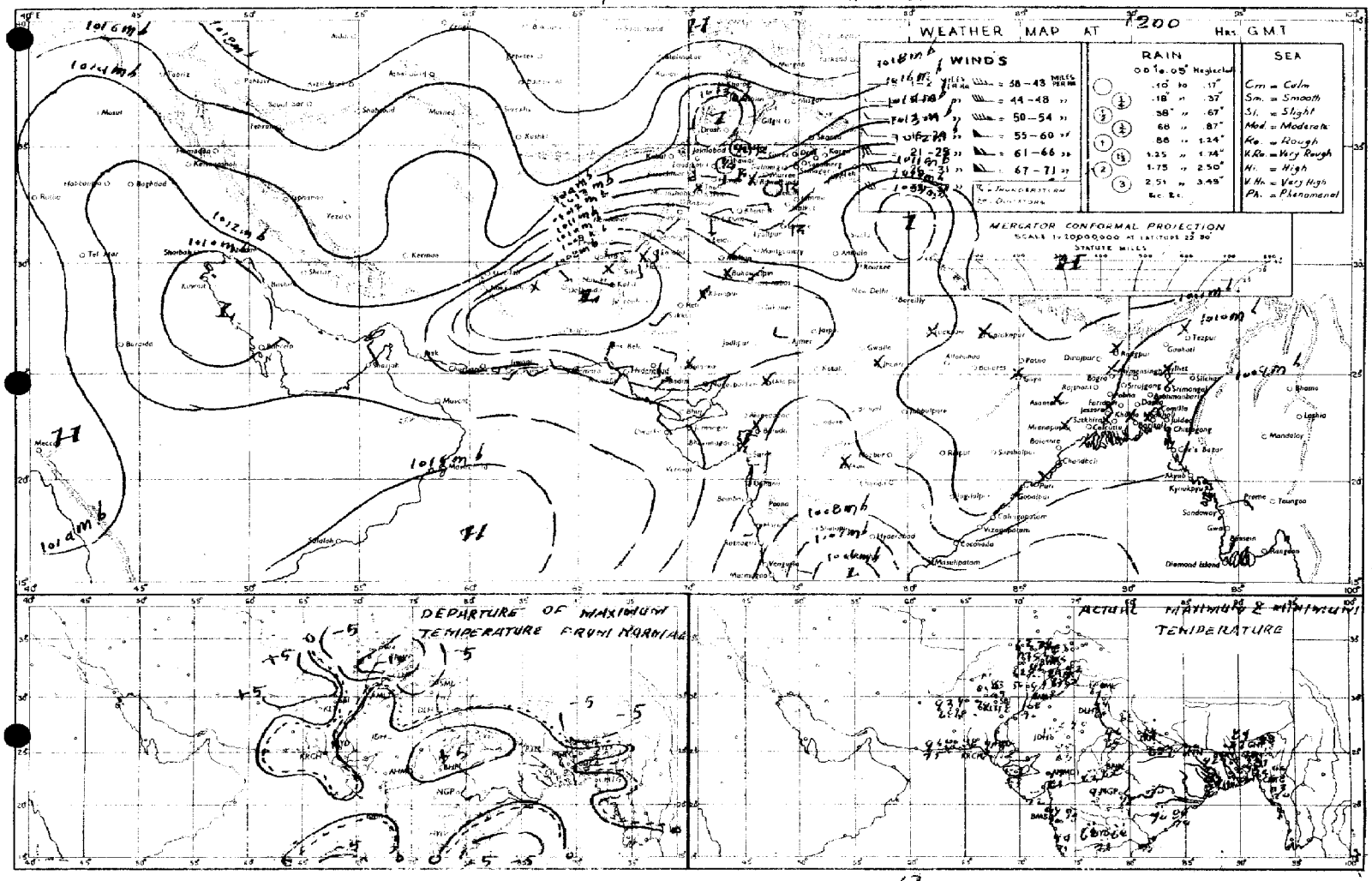
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

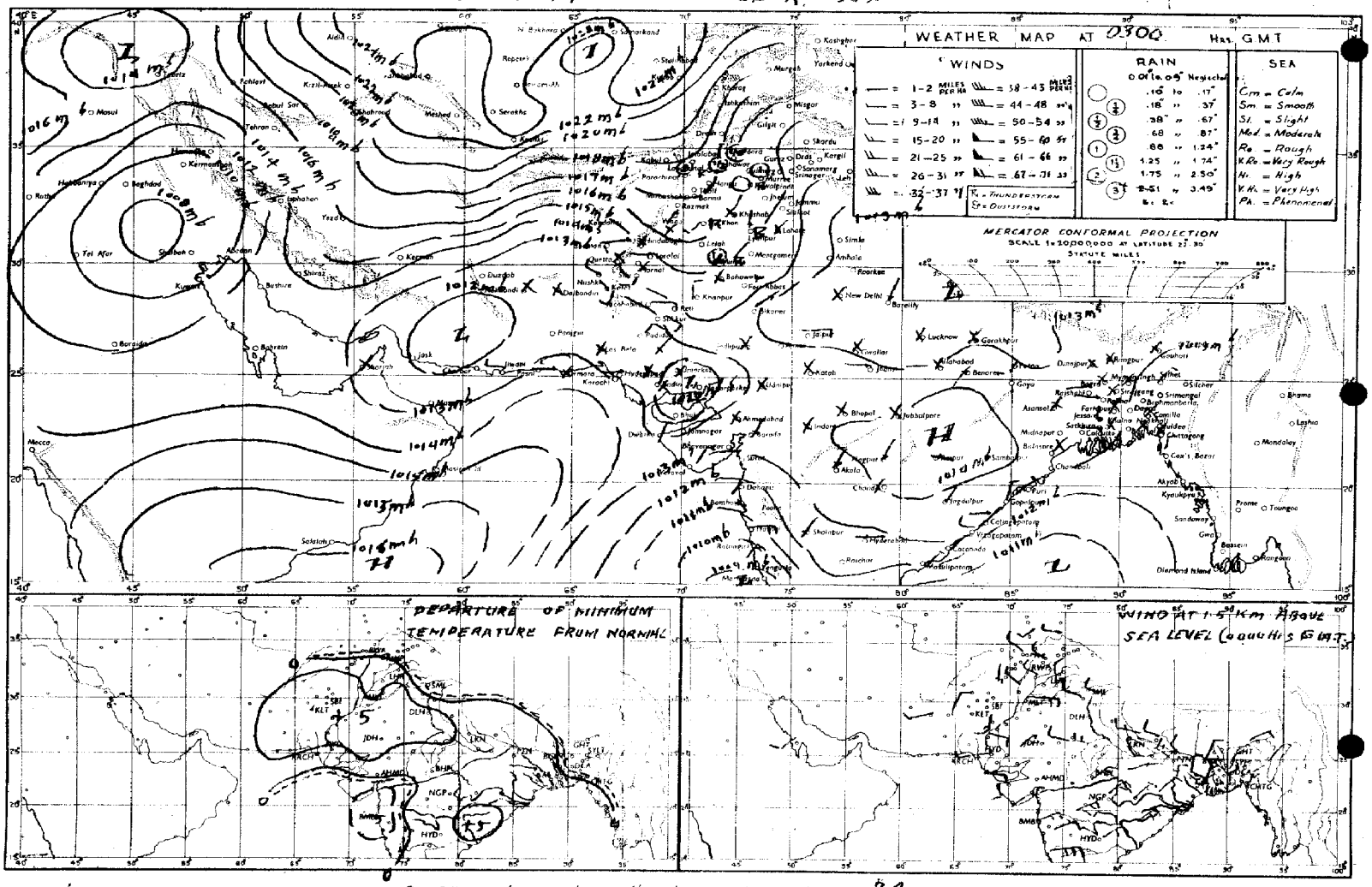
WEDNESDAY 15TH OCTOBER, 1969.



Pressure events indicated in the above chart refer to p.m. 12 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 16TH OCTOBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 17th OCTOBER 1969.

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

Yesterday's morning's depression in south West Bay of Bengal moved inland and lay centred at 16,1200 G.M.T. close to Kala Kurchi. It crossed western coast during night weakened and lies as a well marked low pressure area off Mysore Coast.

The low pressure area over north Gujrat and adjoining Hyderabad divisions now lies over Gujrat.

The seasonal trough of low pressure area lies over Quetta division and adjoining areas.

Weather remained dry in the country.

Day temperatures were 7—10 °F (4—6 °C) below normal in Lahore, Rawalpindi, Sargodha, Multan and D.I. Khan divisions, 3—6 °F (2—3 °C) so in Peshawar and Khairpur divisions and were 3—5 °F (2—3 °C) above normal in Chittagong, Rajshahi, Quetta and Hyderabad divisions.

Forecast valid until the evening of 18th October 1969 :—A few thunderstorm/showers may occur in Quetta division. Weather will remain dry elsewhere in the country.

Earthquake Report:—Seismograph of geophysical centre, Quetta recorded an earthquake of moderate intensity on 17th Oct. 1969 at 46 Hours W.P.S.T. Epicentre lies about 1700 miles east of Quetta near Assam Hill.

Karachi-11
The 17th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Windspeed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Windspeed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	2	31	02	96	01	0	102	84	2	1	6	0	0	77	90	000	8	0	00	00	97	00	0	117	86	0	0	9	0	0	77	77	—	—	—	—	—	—
	Cox's Bazar	000	0	3	33	06	96	03	0	097	82	1	5	5	3	0	73	90	000	0	2	36	03	97	01	2	106	82	2	0	9	3	0	77	77	+ 3	+ 4	88.4	—30.1	91.1	140
	Chittagong	000	0	2	13	02	//	02	0	097	82	1	2	5	6	0	72	88	000	0	2	36	02	96	02	0	109	82	0	0	9	0	1	75	73	+ 1	0	51.2	—30.2	104.4	109
	Maijdee Court	000	9	0	00	00	95	00	0	093	84	0	9	9	0	0	73	88	000	0	0	00	00	97	00	0	113	84	3	0	9	4	0	76	76	+ 2	+ 2	115.7	—25.9	137.9	115
	Comilla	000	0	0	00	00	96	02	0	095	88	0	0	9	0	0	73	90	000	0	0	00	00	96	02	0	109	81	0	0	9	0	0	73	72	+ 2	— 1	—	—	102.73	94
	Brahmanbaria	000	0	1	00	00	96	01	0	098	84	1	0	9	1	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	78
	Sylhet	000	0	2	00	00	//	02	0	098	81	2	4	5	0	0	76	90	000	0	3	09	03	96	02	2	107	77	3	4	4	3	0	73	77	—	—	119.7	—	147.7	—
	Srimangal	000	0	0	00	00	//	00	0	103	77	0	0	9	0	0	76	90	000	0	0	00	00	96	00	0	143	76	8	4	4	/	/	72	//	—	0	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	//	01	1	101	84	0	0	9	0	0	76	88	000	0	0	00	00	97	00	0	120	82	0	0	9	0	0	73	77	— 1	+ 3	62.1	— 5.2	77.3	91
	Narayanganj	000	0	3	00	00	//	02	1	100	88	3	6	6	0	0	76	88	000	0	4	31	02	97	02	2	115	88	4	6	6	3	1	73	76	— 0	+ 1	57.4	+ 5.4	85.8	74
	Dacca (Tejgaon)	000	0	3	00	00	96	01	2	045	82	3	0	9	6	1	73	94	000	0	2	00	00	97	03	4	101	84	1	0	9	3	1	72	74	—	—	53.5	—	64.6	—
	Faridpur	000	0	2	00	00	95	01	0	094	84	2	5	6	0	0	76	88	000	0	0	00	00	97	02	2	111	84	3	4	6	1	0	73	76	+	+ 2	43.2	— 7.0	56.9	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	08	97	02	1	114	84	1	4	5	0	8	76	75		+ 1	54.3	— 5.6	64.2	81
	Khulna	000	0	0	00	00	97	00	0	137	86	0	0	9	0	0	81	89	000	0	0	00	00	97	00	0	152	86	0	0	9	0	0	87	77	+ 1	—	—	—	—	68
	Satkhira	000	0	2	00	00	98	00	0	101	84	4	3	9	1	1	84	90	000	0	2	00	00	97	01	1	115	84	3	1	7	1	1	76	73	+ 1	+ 1	56.3	+ 6.9	61.6	65
	Jessore	000	0	4	00	00	97	02	2	100	88	3	5	5	3	0	77	90	000	6	5	09	03	97	03	4	114	84	5	0	9	0	4	72	74	+ 1	0	53.0	+13.6	61.4	65
Rajshahi	Pabna	000	0	0	31	02	//	//	/	///	84	0	0	9	0	0	79	90	000	0	5	31	02	97	03	1	114	84	5	0	9	5	0	73	//	—	—	51.4	—	65.2	59
	Sirajganj	000	0	0	00	00	97	00	0	100	82	0	0	9	0	0	76	90	000	0	2	00	00	98	01	2	113	81	2	0	7	4	0	73	73	+ 3	— 0	43.6	— 4.8	56.2	64
	Rajshahi	000	0	1	00	00	96	01	1	102	84	1	5	5	0	0	76	90	000	0	5	00	00	96	03	1	119	82	2	5	5	2	0	79	76	+ 3	+ 3	63.3	+10.0	67.3	—
	Bogra	000	0	1	00	00	96	02	1	099	83	0	0	9	0	0	73	90	000	9	2	13	02	96	03	0	114	82	2	0	9	3	0	73	74	+ 3	+ 1	42.3	—11.9	58.8	69
	Dinajpur	000	0	0	00	00	//	00	9	099	84	0	0	9	0	0	76	90	000	2	3	00	00	96	01	1	110	86	3	0	9	4	/	73	73	+ 3	+ 1	72.5	+12.1	95.5	72
	Rangpur	000	0	2	00	00	96	01	1	101	81	2	0	9	1	0	76	86	000	0	3	00	00	96	03	0	143	81	3	0	9	3	0	76	68	— 1	— 3	66.4	+ 0.7	86.0	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Intl Rd.)	000	0	1	31	02	96	03	0	119	81	1	0	9	2	0	58	84	000	0	0	29	02	96	02	0	136	70	0	0	9	0	0	59	65	— 10	+ 7	13.3	— 0.3	17.9	19
	Sialkot	000	0	0	00	00	99	00	0	060	99	0	0	9	0	0	79	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					32
Rawalpindi	Jhelum	000	0	0	31	03	98	02	0	115	82	0	0	9	0	0	58	80	000	0	0	31	02	97	01	0	132	70	0	0	9		0	58	60	—	—	23.8	—	31.3	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Rawalpindi	000	0	1	00	00	99	00	0	133	76	1	1	8	0	0	58	79	000	0	0	00	00	97	00	0	151	60	0	0	9	0	0	58	56	— 10	0	20.1	— 3.8	30.1	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargodha	Khushab	000	0	0	05	//	97	00	0	119	00	0	0	9	0	0	58	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	//				15
	Sargodha	000	0	1	00	00	97	03	0	118	76	0	0	9	0	0	67	84	000	0	0	00	00	96	04	0	137	67	0	0	9	0	0	63	60	—	—	16.8	—	20.4	—
	Lyallpur	000	0	0	07	02	96	00	0	114	81	0	1	9	0	0	61	84	000	0	0	00	00	96	00	0	109	69	0	0	9	0	0	66	63	— 9	+ 2	4.6	— 4.6	7.7	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	000	0	6	09	02	97	03	1	119	92	1	5	6	2	4	61	84	000	0	0	03	00	97	02	0	141	70	0	0	9	0	0	63	//	— 10	+ 1	8.3	+ 3.4	11.3	7
	Leiah	000	0	0	36	02	99	00	0	056	94	0	0	9	0	0	58	94	000	0	0	36	02	96	00	0	073	80	0	0	9	0	0	65	72	—	—				8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	05	96	02	0	135	72	0	0	9	0	0	63	65		+ 4	0.2	— 4.6	1.1	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	090	72	0	0	9	0	0	65	67		+ 6	0.7	— 3.5	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	98	00	0	134	75	0	0	9	0	0	67	—	—	—	—	—	8
Peshawar	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	98	02	0	146	60	0	0	9	0	0	56	56		—	8.2	—	17.7	—
	Peshawar	000	0	1	18	03	98	02	0	119	79	1	1	6	0	0	59	81	000	0	0	00	00	98	02	0	153	67	1	0	9	0	0	60	60	— 6	0	4.7	— 0.1	13.4	11
	Kohat	000	0	0	23	02	98	00	0	121	76	0	0	9	0	0	60	78	000	0	0	36	03	98	00	0	146	67	0	0	9	0	0	58	58	—	—	9.7	—	20.0	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	01	99	00	0	151	65	0	0	9	0	0	63	63		—	—	—	—	11
	D. I. Khan	000	0	0	00	00	98	00	0	017	72	0	0	9	0	0	58	86	000	0	0	00	00	96	02	0	146	70	0	0	9	0	0	63	65	— 7	+ 4	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	6	23	03	97	03	1	117	92	0	0	9	2	4	52	94	000	0	2	00	00	97	03	0	136	74	0	2	9	2	6	69	73	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	18	02	95	05	0	078	92	0	0	9	0	0	55	92	000	0	0	36	03	96	02	0	139	65	0	0	9	0	0	42	65	—	—	0.0	—	0.3	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Jiwani	000	0	2	25	07	96	02	0	103	88	0	0	9	0	0	71	93	000	0	1	27	05	96	01	4	126	75	1	6	5	0	0	72	74	—	—	0.0	—	2.0	8
	Pasni	000	0	0	25	24	97	02	0	105	77	0	0	0	0	0	77	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					6
Karachi division	Ormara	000	0	0	27	10	96	02	0	008	86	0	0	9	0	0	76	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 0.8	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	96	02	2	135	76	6	6	6	0	0	73	//						8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	021	77	0	0	9	0	8	74	76		+ 3	1.03	— 5.0	1.1	8
	Karachi (Airport)	000	0	0	23	09	96	03	0	097	86	1	2	7	0	0	73	94	000	0	0	27	02	96	02	0	122	75	0	0	9	0	0	72	70	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Chhor	000	0	0	23	02	96	02	0	092	55	0	0	9	0	0	56	00	000	0	0	00	00	96	02	0	115	78	0	0	9	0	0	79	68	—	—	0.2	—	0.3	7
	Hyderabad	000	0	2	00	00	97	03	0	094	97	0	0	9	0	1	63	02	000	0	0	34	00	97	02	0	127	79	0	0	9	0	0	67	77	+ 7	+ 7	0.2	— 5.9	0.3	9
	Badin	000	0	0	20	01	97	03	0	001	99	0	0	9	0	/	69	00	000	0	0	00	00	97	02	0	117	75	0	0	9	0	0	72	74	+ 6	+ 6	0.3	— 6.9	0.3	—
Khairpur	Padidan	000	0	4	36	05	95	05	0	979	//	0	0	9	0	/	58	98	000	0	0	31	03	96	02	0	130	72	0	0	9	0	0	65	71		—	0.8	—	0.8	14
	Nawabshah	000	0	6	00	00	96	23	1	100	94	0	0	9	0	7	70	97	000	0	0	13	03	96	03	0	131	76	0	0	9	0	0	67	73		—	1.0	—	1.1	—
	Sukkur	000	8	0	13	03	95	05	4	088	91	0	0	9	0	0	70	93	000	0	3	16	05	96	03	1	130	76	3	0	9	0	0	65	72	—	—	0.5	—	0.5	—
	Kashmore	000	0	0	05	02	98	02	0	099	90	0	0	9	0	0	65	92	000	0	0	00	00	97	02	0	113	80	0	0	9	0	0	65	//	—	—				4
	Jacobabad	000	0	0	13	10	96	01	0	101	90	0	0	9	0	0	67	91	000	0	0	09	05	96	02	0	134	77	0	0	9	0	0	66	74	— 6	+ 10	2.4	+ 0.3	2.7	20
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							—
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Misgar **	...																																							—
	Aliabad *	...																																							5
	Gilgit *	...																																							59
Rawalpindi	Murree *	...	000	0	0	33	03	98	00	1	544	54	0	0	9	0	0	47	59	000	0	0	09	05	98	00	1	525	56	0	0	9	0	0	36	50	— 7	+ 1	18.3	—18.3	36.1	10
Peshawar	Drosh *	...	000	0	3	23	03	98	03	0	494	72	1	1	7	0	1	39	80	000	0	1	00	00	98	03	0	547	54	1	1	7	0	0	43	53	—	—	—	—	—	29
	Chitral *	...	000	0	0	36	02	98	00	0	524	67	0	0	9	0	0	55	70	000	0	0	36	05	98	00	0	523	60	0	0	9	0	0	52	//	— 6	—	4.0	— 8.3	14.4	—
	Kalam *	...	000	0	2	31	03	96	05	1	520	67	2	2	5	0	0	54	73	000	0	0	31	03	99	02	0	520	68	0	0	9	0	0	47	//	—	—	19.3	—	29.9	—
	Landikotal *	...	000	0	0	31	05	98	02	0	559	73	0	0	9	0	0	56	73	000	0	0	31	03	98	02	0	632	60	0	0	9	0	0	43	48	—	—	2.2	—	12.7	29
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1				13
D.I. Khan	Miranshah *	...	000	0	0	05	05	99	00	0	594	76	0	0	9	0	0	54	79	000	0	0	05	05	99	00	0	552	63	0	0	9	0	0	54	58	—	—	—	—	—	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	534	58	0	0	9	0	0	43	48		—	1.2	—	4.1	11
Quetta	Fort Sandeman *	...	000	0	4	23	09	97	03	0	492	78	4	5	7	0	0	37	81	000	0	0	00	00	97	02	0	523	61	0	0	8	0	0	45	54	— 1	+ 5	2.2	— 2.9	6.5	—
	Hindubagh *	...	000	0	7	20	05	96	05	0	465	75	7	1	4	0	0	45	80	000	0	0	27	02	96	02	0	534	51	0	0	9	0	0	44	46	—	—	3.0	—	5.9	9
	Loralai *	...	000	0	8	18	02	98	01	0	395	80	0	1	8	0	0	45	81	000	0	8	18	02	98	01	0	395	50	0	1	8	0	0	45	44	—	—	8.6	—	6.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
	Harnai *	...	000	0	0	00	00	96	02	0	511	83	2	0	5	1	3	57	84	000	0	0	00	00	96	02	0	436	51	0	0	9	0	0	30	91	—	—	0.5	— 0.6	5.6	7
	Samungli (Quetta) *	...	000	0	2	00	00	96	05	4	508	74	2	3	7	0	0	41	77	000	0	0	00	00	96	02	0	540	58	0	0	9	0	0	38	55	—	—	—	—	—	8
	Chaman *	...	000	0	0	27	07	96	00	0	519	78	0	0	9	0	0	45	80	000	0	0	09	03	97	00	0	501	60	0	0	9	0	0	40	59	+ 1	+ 7	2.1	— 1.8	4.8	—
	Nushki *	...	000	0	0	00	00	95	05	0	562	84	0	0	9	0	0	50	85	000	0	0	07	02	96	02	0	559	71	0	0	9	0	0	40	66	—	—	0.5	—	2.7	4
	Dalbandin *	...	000	0	0	00	00	95	05	0	578	87	0	0	9	0	/	47	90	000	0	0	00	00	95	05	0	526	64	0	0	9	0	0	34	58	+ 3	+ 9	0.0	— 0.2	0.5	7
Kalat	Kalat *	...	000	0	0	31	04	96	00	2	525	69	0	0	9	0	0	48	75	000	0	0	16	02	97	02	0	529	53	0	0	9	0	0	34	44	+ 1	+ 5	0.8	— 0.4	2.2	—
	Khuzdar *	...																																							5
	Panjgur *	...																																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_nL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Gulflan	99 2 42	10 5 91	16 0 63	12 0 09	98 0 20	13 4 20	00 9 01	01 4 00			0/ / 22	12 7 88	30 2 01	...
Golden	99 2 61	10 5 54	16 0 63	60 0 00	98 0 37	15 7 31	00 / 16	23 2 17			0/ / 24	13 0 69	30 0 00	...
Nikolai golar	99 2 27	10 6 00	16 1 21	03 1 0	98 0 20	15 5 28	00 9 00	34 7 0			...	12 9 35	30 0 99	...
Golden	99 9 55	10 5 77	16 1 83	30 9 01	98 0 11	12 7 28	00 / 01	33 2 10			0/ / 23	...	...	...
Freedom	99 2 47	10 6 43	15 1 83	02 6 10	98 0 21	11 0 27	00 / 03	17 1 10			0/ / 20	12 9 20	30 2 01	23 6 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	807 260 08	...	490 194 46	177 124 31	592 033 21	766 129 56	979 275 57	257 495 / /	...	...	...	...	...
Dacca ...	00 00	009 240 79	...	460 156 60	...	564 061 26	159 166 53	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	077 240 04	...	500 164 16	128 134 59	584 125 / /	753 185 / /	961 341 / /	235 481 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	974 166 16	...	465 144 34	142 074 35	582 111 / /	749 235 / /	954 377 / /	225 561 / /	411 561 / /	...	...	...	...
Quetta ...	00 00	822 132 25	...	...	125 024 / /	572 211 / /	733 131 / /	928 497 / /	257 495 / /	439 655 / /	...	...	...	...
Sargodha ...	00 00	998 230 56	...	600 204 59	108 064 55	597 111 / /	765 211 / /	971 351 / /	144 475 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											$P_mP_mP_m$ $d_md_md_m$ $f_mf_mf_mf_m$	$P_tP_tP_tT_tT_tT_{tt}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	800 174 65	600 025 22	350 189 57	250 313 13	...	...	...	...	...	...	...
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	—	...	...	...	...	...	
Multan ...													
Peshawar ...	00 00	900 204 32	...	...	...	...	—	...	...	—	...	...	...
Quetta ...	00 00	...	...	...	...	...	—	—	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	—	—	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	320 08	340 09	335 09	340 04	300 09	260 19	033 03	035 03	345 07	355 07	275 13	250 33	272 02	265 29	255 25	...	...
Bogra ...	330 08	325 07	325 08	315 12	305 18	...	...	...	...	010 02	325 02	320 04	330 08	...	...	205 02	295 02	295 04	320 06	...	...	...	...	...	...	...
Chaklala ...	...	245 05	210 03	240 03	270 07	305 06	290 13	300 19	295 23	...	070 06	290 03	345 04	275 05	305 08	...	250 05	210 04	095 06	035 03	290 08	295 10	055 17	255 13	...	...
Chhor ...	220 04	215 04	220 04	190 02	125 04	060 01	360 08	310 13	300 09	340 17	345 07	345 11	310 04	250 05	255 07	040 08	020 10	340 10	330 04	280 00	165 05	020 13	315 15	270 15	260 49	...
Chittagong ...	345 07	345 05	360 04	280 03	275 05	285 06	...	...	...	...	...	...	...	...	...	345 05	345 03	345 03	310 06	264 10	265 15	265 19	255 19	255 17	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	315 05	300 03	300 03	250 03	275 04	275 09	270 05	275 13	270 15	015 28	015 28	360 25	360 09	350 00	300 00	350 04	015 04	030 05	350 03	320 04	295 04	305 06	290 08	275 08	...	...
Dacca ...	335 09	335 07	335 07	350 07	300 09	277 13	270 21	260 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	070 05	170 02	235 05	280 06	320 06	280 05	...	...	...	065 16	050 18	010 19	300 08	...	...	070 08	185 04	080 03	350 05	350 14	345 15	345 11	280 50	...
D. I. Khan ...	055 04	090 05	010 06	100 07	135 05	270 10	285 25	295 27	295 27	010 06	025 05	055 06	130 13	315 03	010 07	315 04	310 04	305 04	340 03	315 07	290 12	270 12	285 15	255 15	...	...
Drosh ...	...	...	...	230 06	220 11	315 15	350 04	315 15	315 17	...	...	...	235 02	350 12	225 03	...	...	...	050 01	080 07	110 01	210 07	...	...	...	...
Fort Sandeman ...	...	...	...	225 05	230 02	280 09	275 22	270 30	295 28	...	...	...	145 02	270 11	285 25	...	...	...	225 06	250 10	275 16	275 08	285 29	275 59	270 79	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	075 10	155 13	165 12	190 13	224 19	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	350 08	340 04	350 06	345 05	330 08	280 10	...	...	...	138 17	135 07	140 10	...	...	...	085 04	005 02	005 03	010 06	300 10	305 14	...	...	...	...	...
Jhelum ...	305 13	310 10	220 09	335 07	240 02	295 09	286 21	285 19	285 58	330 11	245 12	350 08	270 02	310 12	295 23	305 06	310 09	130 07	310 06	310 10	310 14	280 15	275 19	270 18	270 42	...
Jiwani ...	265 13	280 15	280 14	245 10	235 09	250 11	310 11	295 18	085 19	275 11	280 10	285 11	270 10	265 02	265 02	295 05	275 06	275 08	270 10	345 18	240 02	270 03	290 12	270 14	260 55	...
Karachi ...	235 13	220 11	215 05	050 02	080 05	335 01	005 07	030 05	095 11	...	...	...	...	...	...	085 04	080 08	035 02	260 04	075 01	085 04	345 04	320 10	285 04	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	011 10	010 13	035 15	070 15	125 08	320 13	035 15	035 10	040 11	040 17	070 17	125 10	010 04	320 15	300 25	285 28	...
Khuzdar ...	...	...	...	270 02	245 05	275 12	275 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	325 07	330 09	330 10	290 05	285 06	295 13	275 12	270 19	275 25	345 11	350 10	350 07	305 06	300 14	325 13	320 09	320 11	315 08	310 08	310 08	285 08	295 15	290 19	285 25	260 20	...
Multan ...	070 12	075 14	075 11	245 08	230 09	...	...	...	...	035 07	045 03	065 02	285 03	340 07	330 06	275 04	325 05	055 05	055 03	235 10	270 16	275 33	270 39	270 39	280 58	...
Nawab Shah ...	165 01	250 01	250 04	360 03	250 01	360 07	...	...	...	335 10	325 11	300 05	190 10	180 28	305 05	360 10	310 04	220 00	235 11	170 03	170 07	165 03	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	180 01	150 04	160 05	175 05	115 02	300 06	245 10	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	150 05	065 50	335 08	290 13	310 15	300 15	285 12	...	...	...	...	...	...	...	...	145 04	320 09	330 08	010 02	240 06	270 05	260 08	250 13	...	...
Parachinar ...	...	...	...	310 11	170 07	310 17	280 16	305 30	095 26	...	...	...	...	285 02	300 06	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	280 12	270 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	265 06	275 06	285 12	315 15	310 20	...	...
Sargodha ...	010 03	015 05	005 05	310 05	315 10	285 27	280 22	270 24	220 28	340 05	345 06	005 03	320 02	260 09	265 14	305 07	310 09	315 06	260 04	245 06	230 07	255 16	265 17	270 28	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...										...								
Gilgit ...																		
Jiwani ...																		
Karachi ...	315 14	315 15	340 14	315 07	295 05	085 08	050 10	310 09	295 15	280 51	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sarg.dha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

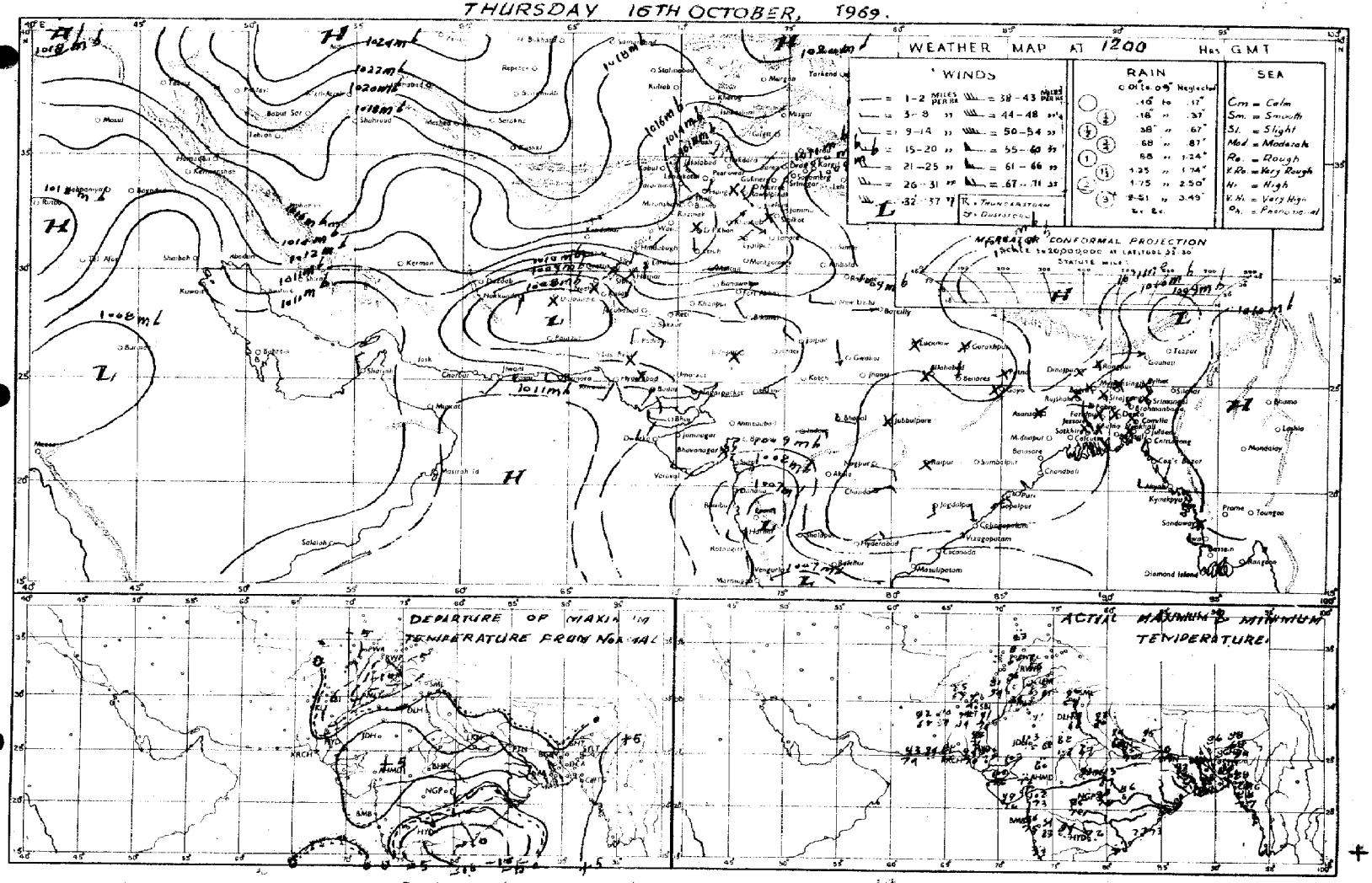
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

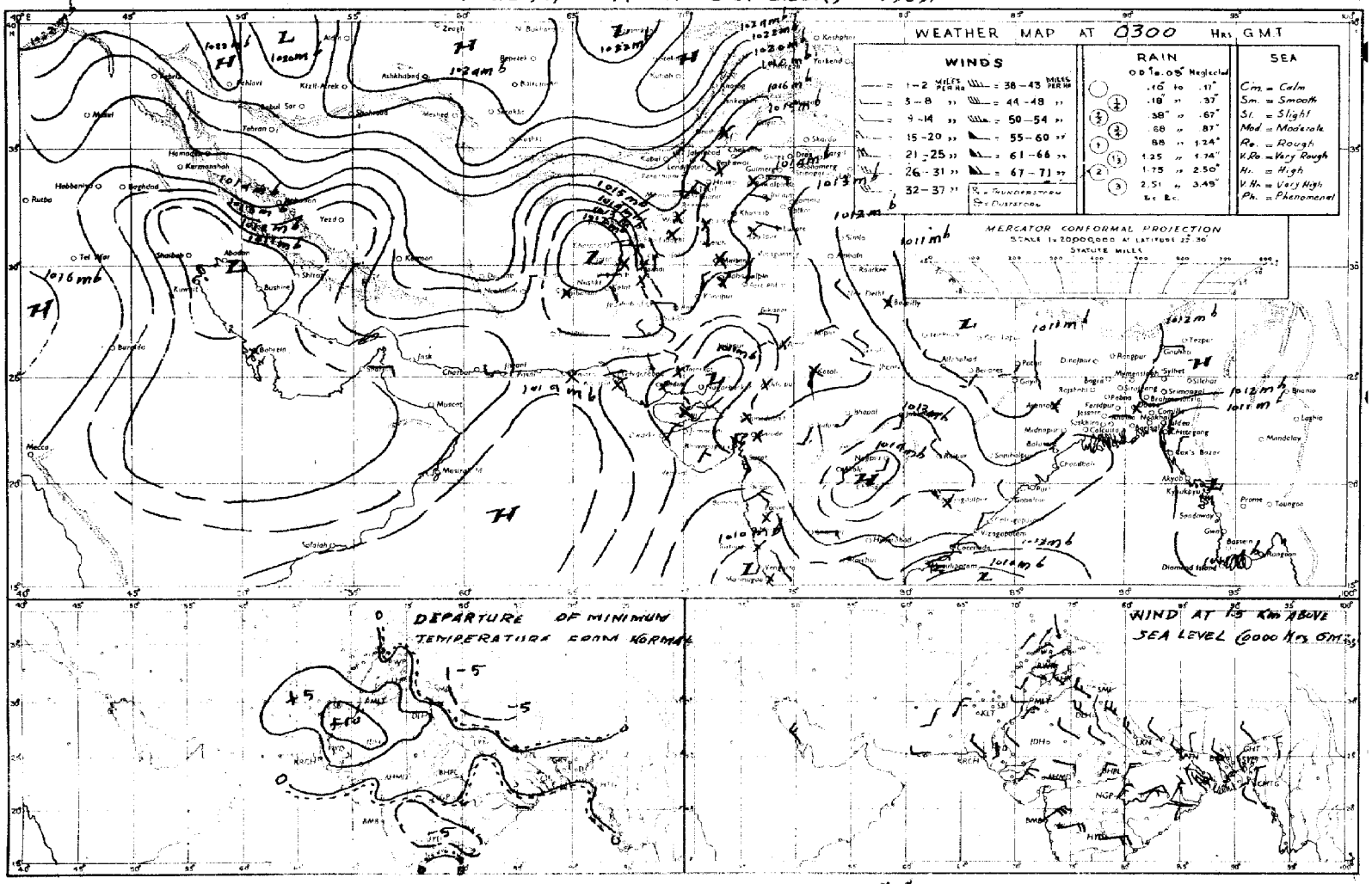
THURSDAY 16TH OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 17 TH OCTOBER, 1969.



Rainfall amounts indicated in the above chart are for 24 hours

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 18th OCTOBER 1969.

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

Yesterday's well marked low off Mysore coast persists.

The low pressure area over Gujrat now lies over south west Rajasthan and adjoining Hyderabad division.

A westerly low pressure wave is moving across north of Afghanistan. A few thunderstorm/showers have been reported from Dacca and Rajshahi divisions. Dinajpur has recorded ¼" of rainfall.

Weather remained dry elsewhere over the country.

Day temperatures were 3—6 °F (2—3 °C) below normal in Dacca, Multan, Peshawar, D.I. Khan and Khaipur divisions and 7—10 °F (4—6 °C) so in Rawalpindi, Sargodha divisions and 3—6 °F (2—3 °C) above normal in Rajshahi and Hyderabad divisions.

Forecast valid until the evening of 19th October 1969 :—A few thunderstorms/showers may occure in Peshawar division and Kashmir.

Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 18th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T, of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati ...	000	0	2	32	02	96	01	0	089	76	2	3	6	7	0	72	88
	Cox's Bazar ...	000	0	2	31	06	97	02	0	084	82	1	0	9	6	1	73	88
	Chittagong ...	000	0	6	13	02	96	02	2	084	82	1	1	5	3	1	73	88
	Maidee Court ...	...	..	...	...	...	...	...	...	...	...			...		...	...	...
	Comilla ...																	
	Brahmanbaria ...	000	0	7	27	02	96	03	1	083	82	7	5	5	0	0	76	88
	Sylhet ...	000	0	7	00	00	77	02	2	073	81	4	4	3	0	1	73	88
	Srimangal ...																	
Dacca	Mymensingh ...	000	0	2	00	00	77	01	1	085	88	2	5	5	0	0	70	88
	Narayanganj ...	000	0	8	00	00	77	02	2	084	84	8	6	3	0	0	72	84
	Dacca (Tejgaon) ...	000	0	7	00	00	96	02	2	083	82	7	0	9	7	0	72	88
	Faridpur ...	000	0	8	00	00	95	02	2	093	82	6	5	5	1	0	73	88
Khulna	Barisal ...																	
	Khulna ...	000	0	0	00	00	97	00	0	137	89	0	0	9	0	0	82	88
	Satkhira ...	000	0	2	00	00	97	01	1	093	84	2	2	7	0	0	84	90
	Jessore ...	000	0	7	00	00	97	02	6	081	86	3	5	4	3	0	77	90
Rajshahi	Pabna ...	000	0	7	23	02	77	03	2	085	84	7	0	9	5	0	76	89
	Sirajganj ...	000	0	4	18	01	96	02	2	075	84	4	4	5	0	0	73	88
	Rajshahi ...	000	0	2	13	02	95	01	1	086	82	1	5	5	2	0	73	86
	Bogra ...	000	0	6	00	00	96	02	2	080	82	2	4	4	3	0	73	90
	Dinajpur ...	000	0	6	00	00	95	02	1	074	84	6	0	9	4	0	73	90
	Rangpur ...	000	0	6	00	00	96	03	1	099	81	3	5	6	2	0	76	84
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	31	02	96	02	0	092	82	0	0	9	0	0	52	86
	Sialkot ...	000	0	0	00	00	96	00	0	080	90	0	0	9	0	0	79	95
Rawalpindi	Jhelum ...	000	0	0	31	02	98	02	0	084	84	0	0	9	0	0	58	90
	Islamabad ...																	
	Rawalpindi ...	000	0	1	27	02	99	00	0	070	79	0	0	9	0	4	63	82
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	01	0	089	84	0	0	9	0	1	61	84
	Sargodha ...	000	0	0	00	00	97	02	0	089	81	0	0	9	0	0	61	88
	Lyallpur ...	...	...	...	...	...	...	...	..	...	...			...		...	—	...
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	97	02	0	089	86	0	0	9	0	0	59	90
	Lelah ...	...	..	...	...	...	...	...	..	...	...			...		...	...	...
Bahawalpur	Khanpur ...	...	..	...	...	...	...	...	..	...	...			...		...	...	...
	Bahawalpur ...	000	0	0	00	00	96	00	0	094	90	0	0	9	0	0	73	95
	Fort Abbas ...	000	0	0	36	02	98	00	0	108	93	0	0	9	0	0	76	93
Peshawar	Chakdara ...	000	0	0	36	02	98	02	0	070	79	0	0	9	0	0	54	82
	Peshawar ...	000	0	4	00	00	98	03	0	080	77	1	3	6	2	1	67	84
	Haripur ...	000	0	0	13	03	95	00	0	095	67	0	0	5	0	0	59	83
D. I. Khan	Bannu ...	000	0	0	13	01	99	00	0	087	82	0	0	9	0	0	67	84
	D. I. Khan ...	000	0	0	00	00	96	02	0	089	84	0	0	9	0	0	67	88
Quetta	Sibi ...	000	0	2	23	03	97	03	0	083	94	0	0	9	2	0	62	96
	Nokkundi ...	000	0	0	36	02	96	02	0	070	93	0	0	9	0	0	53	95
Kalat	Turbat ...																	
	Jiwani ...	000	0	0	18	07	96	02	0	105	87	0	0	9	0	0	75	92
	Pasni ...	000	0	0	25	12	97	02	0	103	88	0	0	9	0	0	70	94
Karachi division	Ormara ...	000	0	0	27	09	96	02	0	108	88	0	0	9	0	0	68	95
	Lasbela ...																	
	Karachi (Manora) ...	000	0	0	31	05	97	02	0	084	84	0	0	9	0	0	76	89
	Karachi (Airport) ...	000	0	1	27	05	96	02	0	080	88	1	1	6	0	0	71	97
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	02	0	141	99	0	0	9	0	0	77	02
	Chhor ...	000	0	4	00	00	96	03	0	074	97	4	5	5	0	0	54	05
	Hyderabad ...	000	0	3	31	03	97	03	0	085	97	1	0	9	2	0	63	99
	Badin ...	000	0	0	36	01	97	02	0	092	00	0	0	9	0	0	41	02
Khaipur	Padidan ...	000	0	4	36	02	96	03	0	085	94	0	0	9	0	5	60	97
	Nawabshah ...	000	0	3	13	03	96	03	0	086	95	3	6	5	0	0	66	98
	Sukkur ...	000	0	0	13	02	96	02	0	095	93	0	0	9	0	0	52	98
	Kashmore ...	000	0	0	05	02	98	02	4	101	92	0	0	9	0	0	62	94
	Jacobabad ...	000	0	0	13	05	96	02	0	087	92	0	0	9	0	0	63	93
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	00	00	98	00	0	504	58	0	0	9	8	0	47	62
Peshawar	Drosh * ...																	
	Chitral * ...	000	0	0	36	03	95	00	0	591	70	0	0	9	0	0	49	73
	Kakul * ...	000	0	1	31	03	98	03	0	503	67	1	1	6	0	0	52	73
	Landikotal * ...	000	0	6	05	05	98	03	0	643	72	6	7	6	0	0	61	76
	Prachinar * ...																	
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	590	81	0	0	9	0	0	45	82
	Wana * ...	000	0	0	00	00	99	00	0	481	76	0	0	9	0	0	45	77
Quetta	Fort Sandeman * ...	000	0	0	27	02	98	02	0	481	80	0	0	9	0	0	20	81
	Hindubagh * ...	000	0	0	20	05	97	02	0	532	75	0	0	9	0	0	19	78
	Loralai * ...	000	0	0	18	02	98	01	0	395	80	0	0	9	0	0	45	81
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	508	83	0	0	9	0	0	59	87
	Samungli (Quetta) * ...																	
	Chaman * ...	000	0	0	27	05	96	00	0	519	79	0	0	9	0	0	56	81
	Nushki * ...	000	0	0	00	00	97	02	0	565	86	0	0	9	0	0	53	87
	Dalbandin * ...	000	0	2	13	02	95	06	0	209	90	4	0	9	5	9	40	92
Kalat	Kalat * ...	000	0	0	31	03	96	02	0	484	68	0	0	9	0	0	35	72
	Khuzdar * ...	000	0	3	00	02	97	02	0	494	84	3	5	6	0	0	45	86
	Panjgur * ...																	

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 to-date	Rainfall: Annual Normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	000	0	1	31	02	98	01	0	094	81	1	1	7	3	0	73	77	—		—	—	—	—
	Cox's Bazar ...	000	0	2	00	03	97	02	0	092	82	0	0	9	0	8	75	75	+ 1	+ 2	83.4	—29.2	91.1	140
	Chittagong ...	000	0	3	00	00	96	03	0	096	81	0	0	9	0	1	73	73	+ 1	0	81.2	—30.3	104.4	109
	Maidee Court ...	000	9	3	00	00	96	02	0	106	82	3	1	5	0	0	73	75	—	+ 1	115.8	+25.8	127.5	115
	Comilla ...	000	0	0	00	00	96	02	0	079	84	0	0	9	0	0	73	74		+ 1	102.5	+45.0	102.7	94
	Brahmanbaria ...	000	0	4	05	02	97	03	1	096	84	4	0	9	4	0	76	76	—	—	44.1	—	53.8	78
	Sylhet ...	000	0	5	06	03	6	28	4	079	77	5	6	3	0		75	69	—	—	119.7	—	147.7	—
	Srimangal ...																							98
Dacca	Mymensingh ...	000	0	0	00	00	97	00	1	106	82	0	0	9	0	0	73	73	+ 1	+ 1	62.1	— 5.4	77.3	91
	Narayanganj ...	000	0	0	00	00	97	01	2	093	80	0	0	9	0	0	71	77	— 4	+ 2	57.4	+ 5.5	80.8	74
	Dacca (Tejgaon) ...	000	4	3	00	00	96	05	4	095	82	3	0	9	5	0	73	75	—	—	53.5	—	64.7	—
	Faridpur ...	000	0	3	09	00	97	02	2	092	88	6	8	5	0	0	76	76	+ 1	+ 2	43.2	— 7.1	56.9	71
Khulna	Barisal ...																							
	Khulna ...	000	0	5	00	00	96	03	2	097	82	1	4	4	0	6	79	79		+ 5	54.3	— 5.7	64.2	81
	Satkhira ...																		+ 1					68
	Jessore ...	000	0	2	00	00	97	01	1	104	84	0	1	6	1	1	79	77	+ 1	+ 5	56.3	+ 6.7	61.6	65
Rajshahi	Pabna ...	000	0	2	21	05	96	05	0	092	84	1	0	9	4	8	77	68	+ 1	+ 6	53.0	+ 6.3	61.4	65
	Sirajganj ...	000	0	4	13	02	97	03	1	093	82	4	0	9	5	0	77	77	—	—	51.4	—	65.2	59
	Rajshahi ...	000	0	4	13	02	98	02	2	094	82	4	0	9	4	0	77	74	+ 1	—		—		64
	Bogra ...	000	0	2	00	00	97	02	0	095	82	0	0	9	0	0	73	75	— 2	+ 2	43.5	— 1.8	56.2	—
	Dinajpur ...	000	0	2	00	00	96	01	2	092	84	1	4	5	3	0	75	75	+ 3	+ 2	42.3	—12.1	58.3	69
	Rangpur ...	000	0	0	00	00	96	00	0	101	84	0	0	9	0	0	76	74	+ 3	—	72.7	—	95.7	72
Kashmir	Jammu ...	000	0	0	00	00	96	01	0	104	81	0	0	9	0	0	76	67	— 1	—	66.4	—	86.0	84
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	101	69	0	0	9	0	0	58	62	— 8	+ 4	13.3	— 1.3	17.9	19
	Sialkot ...	...			...	...	...	...	..	...	...		...	...		...	...	...	+ 3					32
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	108	68	0	0	9	0	0	60	60	—	—	23.8	—	31.2	—
	Islamabad ...																							—
	Rawalpindi ...	000	0	0	00	00	97	00	0	116	61	0	0	9	0	0	58	56	— 7	0	20.1	— 3.8	30.1	36
	Campbellpur ...																							—
Sargodha	Khushab ...	050	0	0	00	00	97	00	0	095	65	0	0	9	0	0	64	77	— 10	/	4.4	— 5.9	7.8	18
	Sargodha ...	000	0	0	00	00	94	04	0	103	65	0	0	9	0	0	62	60	—	—	16.8	—	20.4	—
	Lyallpur ...	000	0	0	00	00	96	00	0	101	69	0	0	9	0	0	38	62		+ 1	4.7	— 4.6	7.7	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	0	03	00	96	04	0	105	73	0	0	9	0	0	62	65	— 4	+	8.3	+ 3.4	11.3	7
	Lelah ...	000	0	0	00	00	97	00	0	127	81	0	0	9	0	0	64	79		—	0.9		2.8	8
Bahawalpur	Khanpur ...	000	0	0	00	00	96	00	0	083	74	0	0	9	0	0	61	64		+ 3	0.2	— 4.6	1.1	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	099	75	0	0	9	0	0	62	65	+ 1	+ 4	0.7	— 3.5	2.0	6
	Fort Abbas ...	000	0	0	36	02	98	00	0	098	79	0	0	9	0	0	76	76	—	—	0.7	—	0.9	8
Peshawar	Chakdara ...	000	0	2	00	00	97	03	0	107	60	0	0	9	0	4	56	58	—		8.2	—	17.6	—
	Peshawar ...	000	0	2	00	00	97	01	0	115	64	1	5	6	0	1	60	59	— 3	— 1	4.7	— 0.1	13.4	11
	Haripur ...	...			...	...	...	...	..	...	...			...		...	...	...	—					—
D. I. Khan	Bannu ...	000	0	3	02	99	00	0	110	64	0	0	9	0	0	62	62	—	—	—	0.7	—	4.5	11
	D. I. Khan ...	000	0	0	00	00	96	02	0	102	68	0	0	9	0	0	63	64	— 5	—	3.5	—	4.0	9
Quetta	Sibi ...	000	0	0	00	00	97	02	0	117	74	0	0	9	0	0	64	73	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	00	00	97	02	0	106	72	0	0	9	0	0	38	67	—	—	0.0	—	0.3	3
Kalat	Turbat ...																							—
	Jiwani ...	000	0	0	00	00	96	02	0	110	75	0	0	9	0	0	70	70	—	—	0.0	—	2.0	8
	Pasni ...	000	0	0	31	06	97	02	0	114	74	0	0	9	0	0	61	77	+ 2	/	0.0	— 0.9	0.0	6
Karachi division	Ormara ...	000	0	0	00	00	96	02	0	107	74	0	0	9	0	0	61	77	—	/	0.0	— 0.8	0.6	6
	Lasbela ...																							8
	Karachi (Manora) ...	...	..	...														...	+ 1					8
	Karachi (Airport) ...	000	0	0	00	00	97	02	0	105	78	0	0	9	0	0	74	74	—		1.5	—	1.5	—
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	02	0	121	83	0	0	9	0	0	77	83	—	—	0.0	—	0.0	—
	Chhor ...	000	0	0	00	00	96	03	0	063	80	0	0	9	0	0	59	69	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	0	13	02	95	05	0	097	80	0	0	9	0	0	62	76	+ 1	+ 6	0.2	— 5.9	0.3	9
	Badin ...	000	0	0	00	00	97	02	0	091	75	0	0	9	0	0	67	73	+ 7	+ 5	0.3	— 6.9	0.3	—
Khaipur	Padidan ...	000	0	1	09	02	96	02	0	0.8	70	1	0	9	3	0	65	70	—	—	0.8	—	0.8	—
	Nawabshah ...	000	0	0	00	00	96	02	0	098	77	0	0	9	0	0	64	78	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	0	13	03	95	05	4	096	80	0	0	9	0	0	64	75	—	—	0.1	—	0.1	—
	Kashmore ...	000	0	0	16	02	97	00	2	100	77	0	0	9	0	0	67	73	— 4	+ 9	2.4	+ 0.1	2.7	4
	Jacobabad ...																							30
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							—
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ...	000	0	0	00	00	98	00	0	500	56	0	0	9	0	0	43	50	— 2	+ 1	18.5	—17.3	36.1	18
Peshawar	Drosh * ...																							29
	Chitral * ...	000	0	0	05	02	99	02	0	504	60	0	0	9	0	0	47	77	— 3	/	4.0	— 8.3	14.4	—
	Kakul * ...	000	0	0	05	02	99	02	0	504	67	0	0	9	0	0	63	46	—	—	19.8	—	29.9	—
	Landikotal * ...	000	0	0	05	02	98	02	0	370	60	0	0	9	0	0	47	49	—	—	2.1	—	12.7	29
	Prachinar * ...																							13
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	572	64	0	0	9	0	0	47	58	—	—	—	—	—	11
	Wana * ...	000	0	0	00	00	99	00	0	517	56	0	0	9	0	0	43	49	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman * ...	000	0	0	31	02	97	02	0	496	62	0	0	9	0	0	31	52	— 1	+ 3	2.2	— 2.9	6.5	—
	Hindubagh * ...	000	0	0	00	00	97	02	0	515	59	0	0	9	0	0	32	33	—	—	3.0	—	5.9	9
	Loralai * ...	000	0	0	18	02	98	00	0	539	55	0	0	9	0	0	45	41	—	—	0.6	—	0.6	—
	Barkhan * ...																							14
	Harnai * ...	000	0	0	00	00	96	02	0	476	62	0	0	9	0	0	49	77	—	/	3.9	— 3.7	5.7	9
	Samungli (Quetta) * ...	000	0	0	00	00	96	02	0	521	46	0	0	9	0	0	24	40	—	—	0.5	— 0.6	3.1	8
	Chaman * ...	000	0	0	07	05	97	00	0	502	63	0	0	9	0	0	44	59	+ 2	+ 7	2.1	+ 1.6	4.8	—
	Nushki * ...	000	0	0	18	02	98	02	0	552	74	0	0	9	0	0	49	68	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	0	00	00	96	05	0	503	63	0	0	9	0	0	25	57	+ 5	+ 8	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	16	03	97	02	0	517	54	0	0	9	0	0	28	45	— 2	+ 6	0.8	— 0.4	2.2	—
	Khuzdar * ...	000	0	0	00	00	96	02	0	502	64	0	0	9	0	0	43	40	—	—	1.9	—	3.2	5
	Panjgur * ...																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tdtd	8NsChs hs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
N kaoliẓ	99 1 68	10 7 14	18 0 01	20 7 07	98 0 30	10 2 28	21 5 00	34 7 14				13 0 21	30 5 01	
Kampala	99 2 15	10 6 94	18 0 03	03 2 10	99 0 00	09 5 27	00 9 00	73 3 02			05 1 24	...	30 1 01	
Werdeufels	99 2 15	10 6 57	18 0 63	03 6 09	99 0 00	11 6 28	00 9 00	54 / //			00 3 19	...	30 8 01	
Bombala	99 2 45	19 6 49	18 0 63	C2 9 07	98 0 20	11 0 83	00 9 01	54 1 15			C0 0 69	...	30 3 00	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPofo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	806 240 10	082 240 10	440 165 25	112 082 10	582 055 41	753 169 28	964 307 //	239 549 //	...	...	...	...	...
Dacca ...	00 00	007 250 14	078 422 28	400 152 56	1.. 084 57	582 065 59	754 169 58	965 303 59	240 539 //	..	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	061 250 08	075 244 05	500 200 26	130 100 //	582 125 //	746 295 //	947 431 //	214 521 //	...				
Multan ...	00 00	595 200 17	080 /////	500 206 58	148 156 62	590 616 67	756 295 35	958 421 //	317 499 //	...	...	...	...	...
Peshawar ...	00 00	970 160 22	098 /////	460 176 26	...	583 111 //	747 235 //	951 361 //	220 545 //	...	...	...	...	...
Quetta ...	00 00	822 132 62	...	...	115 028 //	574 165 //	822 132 62	800 112 //	...	...	...	...	...	...
Sargodha ...	00 00	996 200 50	158 /////	470 174 56	180 035 15	583 115 //	751 221 //	956 431 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	006 240 10	900 194 58	800 132 65	600 018 28	350 217 //	...	...	...	...	...	...	...
Dacca ...	00 00	////////	////////	800 122 56	600 014 57	350 243 60	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...	03 00	995 200 17	...	..	...	...	—	...	...	...	...	...	...
Peshawar ...	00 00	970 160 22	900 208 29		...	...	...	...	...	—	...	...	...
Quetta ...	00 00	...	...	600 004 05	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	—	...	...	—	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	310 07	310 07	310 08	305 10	305 13	295 16	285 32	/// //	280 34	295 03	295 03	330 02	335 05	320 09	255 16	220 03	205 02	260 01	335 02	...	...	...	...	...	...	...
Bogra ...	225 13	235 12	265 10	285 09	290 10	..				...					...	175 04	225 04	210 05	240 07	245 09			...	...	...	...
Chaklala ...		290 08	290 06	080 04	065 04	320 05	305 13	285 19	275 22	...	070 06	200 03	245 04	270 05	305 08		..	235 02	153 02	195 04	215 04	260 18	255 18	260 18	265 31	270 41
Chhor .	280 10	280 09	290 07	360 07	055 07	120 05	...	...	...	330 11	330 09	030 07	010 04	345 03	250 03	345 05	355 02	010 03	280 01	275 03	355 04	245 04	290 17	285 21	265 37	245 38
Chittagong ..	305 07	310 10	320 07	275 04	240 15	255 13	...	...	...	...	...		...	...	...	305 03	320 05	330 07	305 04	300 03	...	...	...	...	...	...
Cherat ...	...	...	...			...			...							...	...		...	...	...	...	...	...	...	...
Cox's Bazar ...	325 15	325 13	325 10	320 06	320 07	220 12	255 20	265 19	265 20	005 10	035 17	350 17	360 12	330 06	283 10	...	...	.	...	...	...	...	...	...	...	...
Dacca ..	290 05	285 07	305 06	300 06	300 03	300 13	250 19		...	135 03	240 03	335 04				150 03	205 02	240 03	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	055 03	060 02	060 02	340 05	335 06	290 08	285 21	...		035 06	070 14	085 17	165 11		...	060 06	280 05	295 11	335 12	015 03	090 12	090 11	005 07	015 45
D. I. Khan .	100 03	105 03	100 03	300 07	285 12	285 13	320 12	320 21	320 27	145 04	010 03	330 03	275 06	265 06	275 08	180 06	180 07	175 06	195 03	280 06	310 10	205 14	295 17	285 15	270 19	285 35
Drosh ..	...	...	..	030 05	150 07	210 13				...	...	...	230 01	200 03	210 06	...	...	...		...	...	...	...	...	...	...
Fort Sandeman ...	..	.	...	265 10	280 12	310 14	320 09	295 27	290 25	...	..	...	160 04	260 07	315 22		...	...	270 08	250 11	270 20	305 26	315 31	215 33	305 24	280 35
Gilgit ...	..	...	...	...	..	...	..		...	...	..	.		...	...		...	...	...	...	...	...	...	...	...	..
Ishurdi ...		...		...		..	...	...																		
Jacobabad ...	145 03	185 03	245 02	285 09	285 12	320 14	315 15	285 18	295 23	320 04	300 04	290 07	295 03	325 07	255 04	310 04	300 02	325 03	325 07	005 12	335 13	125 10	290 08	310 10	325 17	330 22
Jessore ...	--	...		...	..	...	...	...	...	255 07	250 03	335 03	320 07	3 5 08	270 14	45 03	250 09	245 07	280 07	285 12						
Jhelum ...	...	...	...	...	..	...		...		210 06	290 06	320 02	330 04	310 09	310 13	340 03	355 06	245 06	345 04	225 06	273 17	255 12	270 29	275 25	290 20	270 71
Jiwani .	200 11	210 08	210 05	220 12	240 19	250 07	315 08	275 07	235 09	325 07	215 10	200 10	195 14	190 11	105 10	260 04	2.0 07	185 13	185 15	185 17	162 22	125 05	183 07	245 08	255 20	280 47
Karachi ...	225 08	185 04	185 02	055 04	020 03	065 06	340 11	285 09	280 11	...			...			275 01	003 00	285 01	265 06	175 03	055 03					
Khanpur .	290 05	280 03	250 04	250 10	270 18	265 19	280 21	280 23	280 19	140 04	120 02	070 07	295 12	305 07	285 17	330 10	290 13	270 15	270 15	270 17	280 30	315 31	300 37	300 32	235 21	295 74
Khuzdar ...	...			020 08	015 02	300 04	300 09	300 15	320 21	...	...		300 01	125 02	310 04											
Lahore .	315 07	295 07	290 11	295 11	285 07	240 09	255 08	270 07	290 15	315 08	300 07	310 05	295 04	280 08	275 10	355 01	330 03	325 14	325 08	285 08	280 10	310 16	280 15	270 19	285 22	270 56
Multan ...				...	...	..	...		...	180 01	250 10	330 09	010 10	015 14	345 06	175 07	183 08	185 07	185 06	260 07	320 08	280 17	310 21	300 25	280 28	275 58
Nawab Shah .	345 05	325 04	285 05	290 09	300 08	280 03	305 14	295 15	290 20	165 02	295 10	285 09	235 10	2.5 10	240 08	245 05	280 05	263 07	245 10	255 08	/// //	285 12				
Nokkundi .		---	240 03	200 06	215 05	190 07	020 06	015 10	260 06	...	...	135 06	155 08	170 09	195 11	...		115 07	180 06	185 10	170 08	085 02	270 07	270 16	295 21	305 28
Panjgur ...	...	..	...	...	...	...		...	...	...			...	...	...	...				...		...	...		...	
Peshawar ...	...	165 06	270 04	305 07	320 06	285 08	285 13	/// //	290 19		340 08	050 09	110 06	195 08	290 22	...	053 03	070 02	160 04	300 06	240 08	230 15	255 23	255 24	275 35	265 64
Parachinar .	...	...	...	..	170 07	200 05	280 20	285 25	295 27	..	...	...	---	108 04	240 03		...	...	..	115 02	290 10	295 01	260 21			...
Quetta ...	...	...		...	315 06	325 09	305 15	095 19	...							...		...		275 06	300 14	305 12	290 19	275 21	270 30	...
Sargodha ...	050 05	020 05	320 06	290 09	265 11	295 08	285 12	290 18	...	020 03	330 04	321 08	275 06	260 09	295 16	260 03	225 02	...	280 04	240 09	247 09	270 13	295 23	250 23	278 36	265 38
Skardu ...	...	...	...	...	...	—	...	...	...	..	..	.	..	..	.	...	...	..	...	...	...	...	...	...	..	—
Sylhet ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...		...	...	—	—	...	...	.	...	..	...			..	..	...	...	...		..	...	...	...	..

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

Height in g p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	305 11	335 14	305 13	260 09	210 07	170 07	010 06	325 07	325 08	263 30	260 56	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta .																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

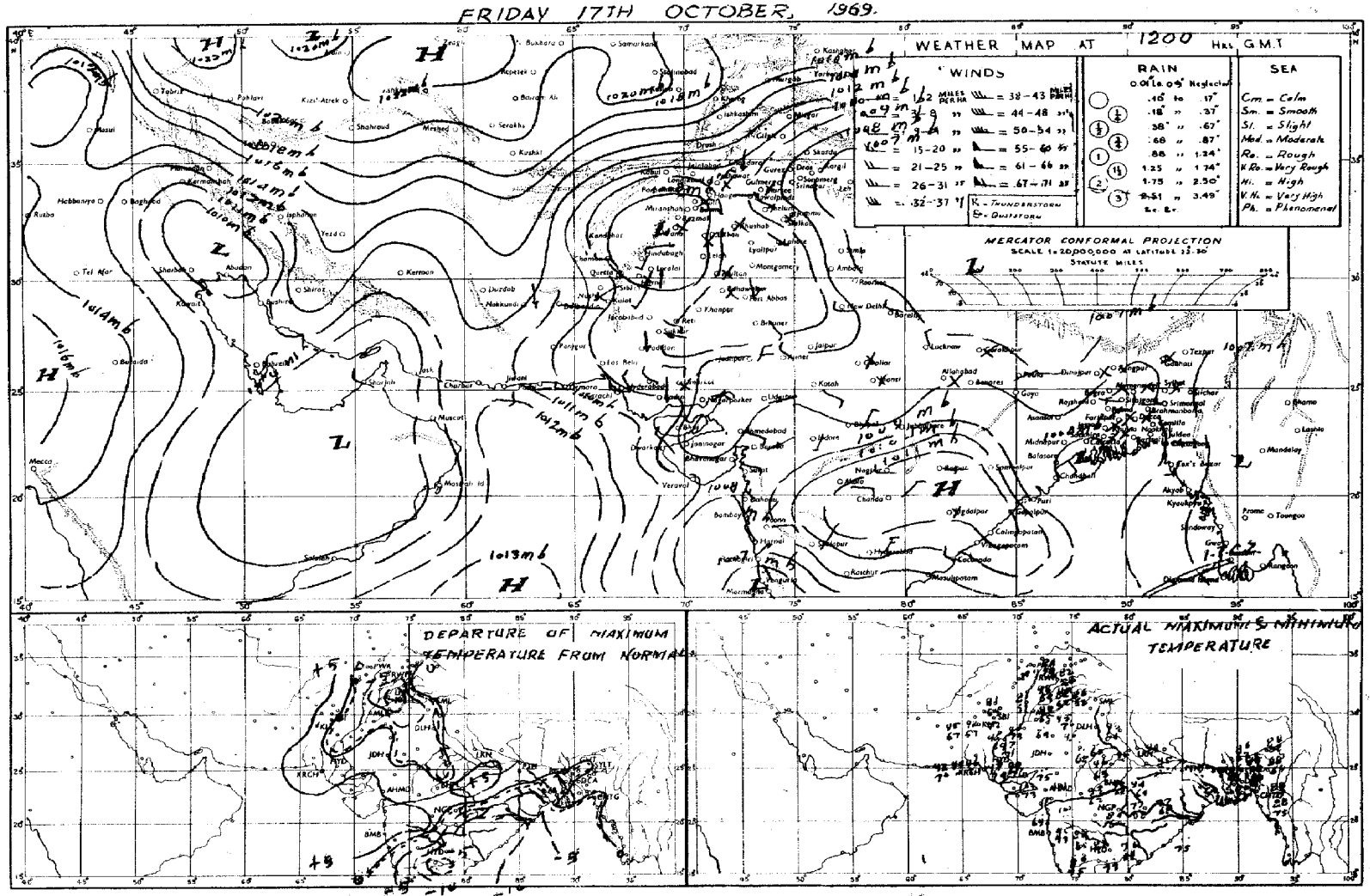
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

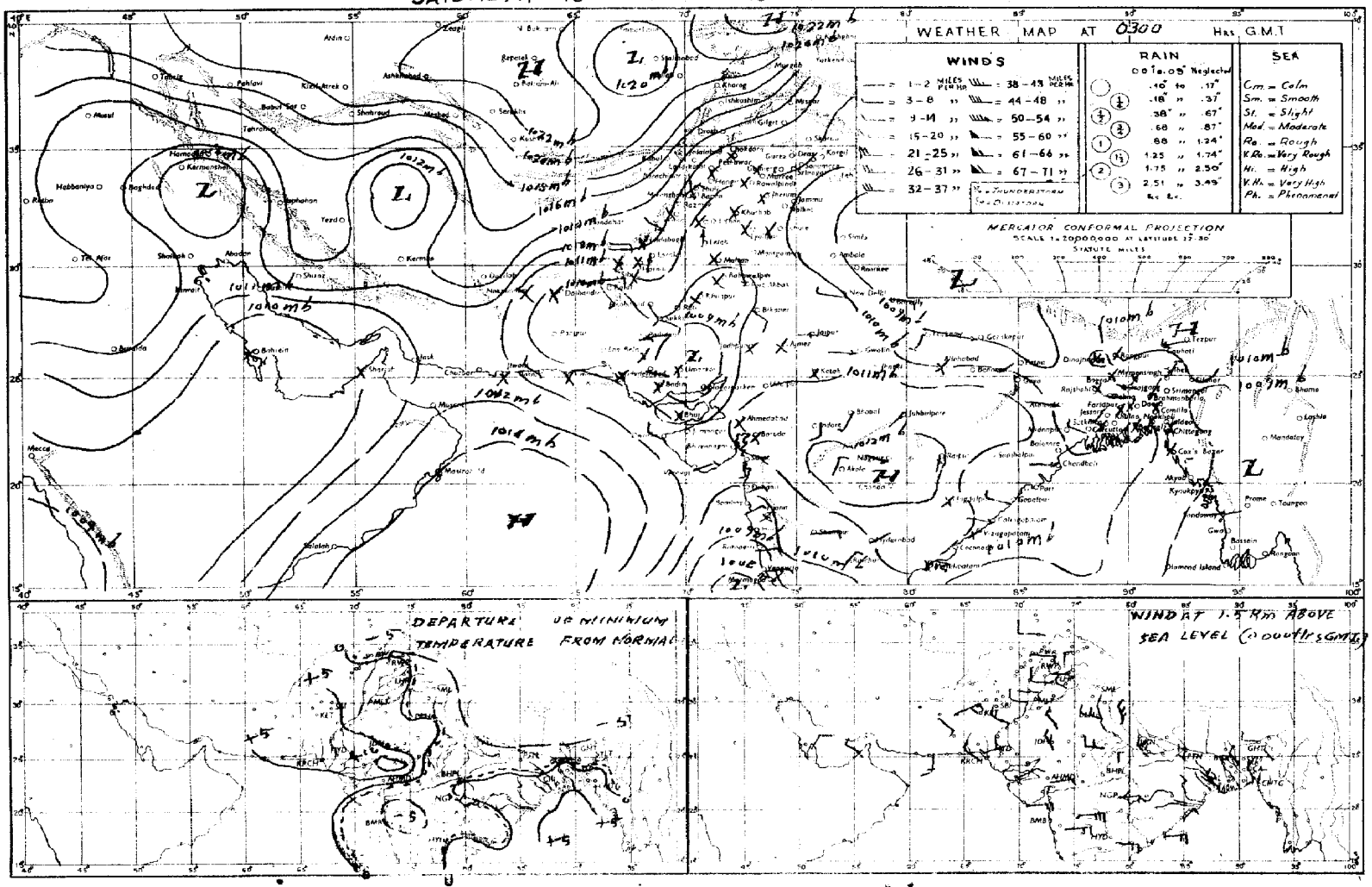
FRIDAY 17TH OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 18TH OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 19th OCTOBER 1969.

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

A well marked low pressure area lies over southwest and adjoining west central Bay of Bengal. The well marked low pressure area off Mysore coast persists. Yesterday's low pressure area over southwest Rajasthan has shifted slightly northwards and now lies over west Rajasthan and adjoining west Pakistan. Yesterday's westerly low pressure wave is now moving across north of Peshawar division and has accentuated the seasonal trough of low pressure extending from Kalat division to Peshawar division. Scattered rain/thundershowers have occurred in Khulna division.

Khulna recorded ¼" of rainfall.

Day temperatures were 3 – 5 °F (2—3 °C) above normal in East Pakistan outside Chittagong division and in Lahore and Quetta divisions and 6—9 °F (3—5 °C) in south Kalat and Hyderabad divisions and were 3—8 °F (2—4 °C) below normal in Rawalpindi, Sargodha and D. I. Khan division.

Forecast valid until the evening of 20th October 1969 :—Scattered thunderstorm/showers are likely to occure in Rajshahi, Rawalpindi, D. I. Khan divisions and Kashmir. A few dust/thunderstorms may also occur in Sargodha and Multan division. Weather will be dry elsewhere over the country.

Karachi-11
The 19th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	31	02	96	01	0	067	84	1	1	7	0	0	87	90
	Cox's Bazar	000	0	2	33	03	//	03	0	066	82	1	0	9	3	/	72	88
	Chittagong	000	0	1	00	00	96	01	0	067	82	0	0	9	0	1	72	88
	Maijdee Court	000	9	0	00	00	95	00	1	053	86	0	0	9	0	0	72	88
	Comilla	000	0	0	00	00	96	02	0	062	86	0	0	9	0	0	59	88
	Brahmanbaria	000	0	6	00	00	96	03	1	075	82	6	0	9	4	0	76	88
	Sylhet	000	0	4	00	00	//	02	2	052	96	3	5	5	3	0	73	86
	Srimangal	000	0	4	00	00	/	02	0	056	77	0	0	9	7	2	73	88
Dacca	Mymensingh	000	0	0	00	00	/	00	0	062	84	0	5	9	0	0	72	90
	Narayanganj	000	0	5	00	00	//	02	2	064	86	5	6	6	/		73	86
	Dacca (Tezgaon)	000	0	3	09	02	96	01	0	061	81	2	0	5	4	0	73	90
	Faridpur	000	0	0	00	00	95	02	2	092	82	6	5	5	1	0	73	80
Khulna	Barisal																	
	Khulna	025	4	4	00	00	97	03	0	063	88	2	0	4	0	2	82	90
	Satkhira	000	0	2	00	00	97	01	0	079	84	2	1	5	1	1	84	93
	Jessore	000	0	4	27	03	97	02	1	060	84	1	2	5	4	0	73	93
Rajshahi	Pabna	000	0	3	13	03	//	//	/	059	86	3	0	9	0	8	77	90
	Sirajganj	000	0	0	00	00	96	00	0	066	84	0	0	9	0	0	73	88
	Rajshahi	000	0	0	00	00	96	02	0	063	84	0	0	9	0	0	72	90
	Bogra	000	0	0	00	00	56	//	0	057	84	0	0	9	0	0	76	90
	Dinajpur	0 0	0	0	00	00	95	00	0	052	86	0	0	9	0	0	73	90
	Rangpur	000	0	1	00	00	96	01	0	0.6	81	1	0	9	1	0	76	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	03	96	02	0	062	82	0	0	9	0	0	61	90
	Sialkot	000	0	0	00	00	99	00	0	070	90	0	0	9	0	0	79	95
Rawalpindi	Jhelum	000	0	1	13	02	97	03	0	052	86	0	0	9	0	1	56	90
	Islamabad																	
	Rawalpindi	000	0	4	13	02	98	02	2	068	81	0	0	9	4	0	59	84
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	060	84	0	0	9	0	0	67	86
	Sargodha	000	0	1	00	00	98	03	0	062	81	0	0	9	0	1	67	90
	Lyallpur	000	0	0	00	00	96	00	0	060	86	0	0	9	0	0	63	90
Multan	Sahiwal																	
	Multan	000	0	0	00	08	97	02	0	054	90	0	0	9	0	0	61	94
	Leiah	000	0	0	36	01	94	00	0	103	90	0	0	9	0	0	67	90
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	96	00	0	063	93	0	0	9	0	0	58	//
	Fort Abbas	000	0	0	00	00	98	00	0	105	68	0	0	9	0	0	82	90
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	000	0	0	27	02	98	00	0	067	82	0	0	9	0	0	52	82
	Haripur																	
D. I. Khan	Bannu	000	0	5	00	00	99	02	1	110	82	0	0	9	0	7	67	86
	D. I. Khan	000	0	0	00	00	96	02	0	055	88	0	0	9	0	0	70	90
Quetta	Sibi	000	0	0	18	03	97	02	0	050	99	0	0	9	0	0	69	00
	Nokkundi	000	0	0	23	02	96	02	0	033	97	0	0	9	0	0	56	95
Kalat	Turbat	000	0	0	23	02	96	00	0	951	98	0	0	9	0	0	72	98
	Jiwani	000	0	0	23	07	96	02	0	083	84	0	0	9	0	0	71	87
	Pasni	000	0	0	25	06	97	02	0	082	93	0	0	9	0	0	63	99
Karachi division	Ormara	000	0	0	27	12	96	02	0	079	93	0	0	9	0	0	55	97
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Karachi (Manora)	000	0	0	25	07	97	02	0	066	85	0	0	9	0	0	76	89
	Karachi (Airport)	000	0	1	25	07	96	02	0	066	93	1	6	5	0	0	76	01
Hyderabad	Nagarparker	000	0	0	05	20	97	02	0	141	49	0	0	0	0	1	99	02
	Chhor	000	0	4	23	03	96	03	0	052	98	4	5	6	0	0	53	05
	Hyderabad	000	0	3	20	03	97	03	0	057	00	1	4	6	2	0	49	06
	Badin	000	0	0	23	02	97	02	0	072	02	0	1	9	0	0	66	04
Khairpur	Padidan	000	0	0	00	00	96	02	0	059	57	0	0	9	0	0	97	99
	Nawabshah	000	0	0	31	02	96	32	0	062	00	0	0	9	0	0	//	01
	Sukkur	000	0	0	31	02	96	02	0	055	95	0	0	9	0	0	68	01
	Kashmore																	
	Jacobabad	000	0	0	18	02	97	02	0	054	94	0	0	9	0	0	97	96
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	478	59	0	0	9	0	0	//	67
Peshawar	Droth *																	
	Cherat *	000	0	0	36	03	58	00	0	494	70	0	0	9	0	0	52	76
	Kakul *	000	0	2	30	03	98	03	0	475	72	/	/	6	3	0	54	77
	Landikotal *	000	0	0	30	15	98	02	0	327	76	0	0	9	0	0	61	//
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	491	81	0	0	9	0	0	52	82
	Wana *	000	0	0	00	00	99	00	0	454	82	0	0	9	0	0	56	82
Quetta	Fort Sandeman *	000	0	5	27	05	97	03	0	464	80	5	4	7	0	0	//	83
	Hindubagh *	000	0	0	23	05	94	05	0	505	63	0	0	9	0	0	35	70
	Loralai *	000	0	8	27	03	98	01	0	390	84	0	1	8	0	0	45	86
	Barkhan *	000	0	0	20	05	97	02	0	476	83	0	0	9	0	0	47	86
	Harnai *	000	0	0	00	00	96	02	0	467	88	0	0	0	0	0	88	89
	Samungli (Quetta) *	000	0	0	27	11	56	02	0	482	74	0	0	9	0	0	25	78
	Chaman *	000	0	0	27	03	97	00	0	430	80	0	0	9	0	0	43	82
	Nushki *	000	0	0	00	00	97	02	0	544	86	0	0	9	0	0	53	88
	Dalbandin *	000	0	0	31	02	95	08	0	497	90	0	0	9		0	34	92
Kalat	Kalat *	000	0	0	31	02	96	00	2	507	68	0	0	9	0	0	46	74
	Khuzdar *	000	0	0	27	02	97	03	0	487	58	2	5	0	0	0	46	87
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	0	1	31	02	98	01	0	095	75	/	1	7	7	5	73	73
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	000	0	4	05	02	97	03	1	097	79	4	0	9	4	0	75	75
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	00	00	97	00	0	101	81	0	0	9	0	0	73	73
	Narayanganj	000	0	0	09	03	97	00	0	093	90	0	0	9	0	0	79	79
	Dacca (Tezgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur	000	0	0	00	00	97	00	0	097	96	0	0	9	0	0	73	75
Khulna	Barisal																	
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	0	23	02	98	02	0	092	87	0	0	9	0	0	73	73
	Sirajganj	000	0	0	00	00	98	00	0	097	84	0	0	9	0	0	75	73
	Rajshahi	000	0	0	27	02	97	02	0	096	81	0	0	9	0	0	68	73
	Bogra	000	0	0	00	00	96	02	0	089	82	0	0	9	0	0	71	73
	Dinajpur	000	0	0	00	00	96	00	0	092	84	0	0	9	0	0	69	73
	Rangpur	000	0	0	20	02	96	01	0	120	81	0	0	9	0	0	73	68
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	00	0	088	73	0	0	9	0	0	60	60
	Sialkot	000	0	0	03	08	99	00	0	068	68	0	0	9	0	0	30	//
Rawalpindi	Jhelum	000	0	5	00	00	96	03	2	093	65	0	0	9	0	2	59	60
	Islamabad																	
	Rawalpindi	000	0	3	00	00	96	01	0	099	60	0	0	9	0	0	58	58
	Campbellpur																	
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	0	00	00	96	00	0	092	69	0	0	9	0	0	62	62
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	05	0	087	75	0	0	9	0	0	59	69
	Leiah	000	0	0	36	01	92	00	0	127	81	0	0	9	0	0	64	79
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	077	75	0	0	9	0	3	54	62
	Bahawalpur	000	0	0	03	00	96	00	0	083	75	0	0	9	0	0	62	//
	Fort Abbas	///	/	0	36	02	98	03	0	098	//	0	0	9	0	0	75	75
Peshawar	Chakdra	000	0	3	05	03	98	03	0	006	60	0	0	9	0	0	54	54
	Peshawar	000	0	0	36	03	98	00	0	132	64	0	0	9	0	0	69	54
	Haripur																	
D. I. Khan	Bannu	000	0	2	23	01	99	02	1	096	64	0	0	9	0	0	60	64
	D. I. Khan	000	0	1	00	00	96	03	0	///	63	0	0	9	0	4	64	69
Quetta	Sibi	000	0	0	00	00	97	02	0	093	72	0	0	9	0	0	52	68
	Nokkundi	000	0	0	00	00	97	02	0	075	71	0	0	9	0	0	40	67
Kalat	Turbat	000	0	0	09	02	96	00	0	972	73	0	0	9	0	0	44	16
	Jiwani	000	0	0	00	00	96	02	0	033	74	0	0	9	0	0	72	71
	Pasni	000	0	0	29	06	97	02	0	102	72	0	0	9	0	0	61	//
Karachi division	Ormara	000	0	0	27	10	96	02	0	099	79	0	0	9	0	0	72	15
	Lasbela	///	0	2	00	00	98	00	0	099	69	0	0	8	0	0	55	57
	Karachi (Manora)	000	0	0	27	03	96	02	0	093	80	0	0	9	0	0	73	70
	Karachi (Airport)	000	0	0	00	00	96	02	0	090	75	0	0	9	0	0	66	72
Hyderabad	Nagarparker	000	0	0	05	01	//	02	0	120	86	0	0	0	0	0	86	//
	Chhor	000	0	0	00	00	96	12	0	082	77	0	0	9	0	0	59	68
	Hyderabad	000	0	0	00	00	97	02	0	087	77	0	0	9	0	0	54	72
	Badin	000	0	0	00	00	97	02	0	113	76	0	0	9	0	0	68	74
Khairpur	Padidan	000	0	0	13	02	96	02	0	077	72	0	0	9	0	0	59	67
	Nawabshah	000	0	0	18	02	96	02	0	086	75	0	0	9	0	0	55	67
	Sukkur	000	2	0	13	02	95	05	4	078	79	0	0	9	0	0	67	74
	Kashmore																	
	Jacobabad	000	0	0	09	03	97	02	0	083	77	0	0	9	0	0	68	71
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Droth *																	
	Cherat *	...	...	...	...	...	...	...	...	493	64	0	0	9	3	3	49	58
	Kakul *	000	0	6	27	02	98	03	1	254	60	4	3	9	0	0	49	51
	Landikotal *	000	0	4	31	05	98	01	0	499	56	0	6	9	6	9	//	//
	Parachinar *	000	0	0	05	02	//	02	0	522	60	0	0	9	0	0	50	56
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	581	//	0	0	9	0	0	45	58
	Wana *	000	0	0	00	00	99	00	0	581	63	0	0	9	1	0	//	58
Quetta	Fort Sandeman *	000	0	1	18	02	97	03	0	584	21	0	0	9	0	0	21	32
	Hindubagh *	000	0	0	03	00	97	02	0	395	55	0	0	9	0	0	45	45
	Loralai *	000	0	0	27	02	98	00	0	403	66	0	0	9	0	0	45	42
	Barkhan *	000	0	0	31	05	97	02	0	511	62	9	0	9	0	0	51	//
	Harnai *	000	0	0	00	00	96	02	0	512	61	0	0	9	0	0	//	54
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	487	66	0	0	9	0	0	45	60
	Chaman *	000	0	0	09	03	97	00	0	542	74	0	0	9	0	0	42	78
	Nushki *	000	0	0	//	03	97	02	0	494	65	0	0	9	0	0	27	31
	Dalbandin *	000	0	0	00	00	//	20	2	523	54	0	0	9	0	0	38	43
Kalat	Kalat *	000	0	0	10	02	96	00	0	492	63	0	0	9	0	0	39	60
	Khuzdar *	000	0	0	00	00	96	03	0									
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+ 1					140
	Chittagong	+ 1					108
	Maijdee Court	+ 1					115
	Comilla	0					94
	Brahmanbaria	—	—	44.1	— 8.6	53.8	78
	Sylhet	—					—
	Srimangal	— 7					98
Dacca	Mymensingh	+ 3	--	62.1	—	77.3	91
	Narayanganj	— 2	+ 4	57.4	+ 5.4	80.8	74
	Dacca (Tezgaon)	—	—				—
	Faridpur	+ 1	+ 1	43.2	— 7.3	56.8	71
Khulna	Barisal						81
	Khulna	+ 3					68
	Satkhira	+ 4					65
	Jessore	+ 4					65
Rajshahi	Pabna	—	—	51.4	—	65.2	59
	Sirajganj	+ 1	0	—	—	—	64
	Rajshahi	— 2	0	43.5	— 2.0	56.2	—
	Bogra	+ 2	0	42.3	—12.2	58.3	69
	Dinajpur	+ 3	+ 1	72.7	+13.0	95.7	72
	Rangpur	+ 1	— 3	66.4	+ 0.2	86.0	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 4	+ 2	13.3	— 1.3	17.8	19
	Sialkot	+ 3	/	—	—	—	32
Rawalpindi	Jhelum	—	—	24.0	—	31.2	—
	Islamabad						—
	Rawalpindi	— 5	+ 2	20.1	— 3.8	30.1	36
	Campbellpur						—
Sargodha	Khushab	— 8					15
	Sargodha	—					—
	Lyallpur	— 3	+ 1	4.6	— 4.6	7.7	12
Multan	Sahiwal						10
	Multan	0	+ 7	8.3	+ 3.4	11.3	7
	Leiah	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur		—	0.2	—	1.1	6
	Bahawalpur	/	/	0.7	—	2.0	6
	Fort Abbas	—	—	0.7	—	0.8	8
Peshawar	Chakdra		—	0.2	—	17.6	—
	Peshawar	—	—	9.5	—	19.7	11
	Haripur						—
D. I. Khan	Bannu	—	—	0.6	—	4.5	11
	D. I. Khan	— 3	— 8	3.5	— 2.0	6.0	9
Quetta	Sibi	—	—	0.2	—	0.2	5
	Nokkundi	—	—	0.0	—	0.3	2
Kalat	Turbat	—	—	0.2	—	0.2	—
	Jiwani	/	—	0.0	—	2.0	5
	Pasni	+ 7	/	0.0	— 0.8	0.0	6
Karachi division	Ormara	—	—	0.0	— 0.8	0.6	6
	Lasbela	—	—	—	—	—	8
	Karachi (Manora)	+ 1	+ 5	1.0	— 5.0	1.1	8
	Karachi (Airport)	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	—	/	0.0	—	0.0	—
	Chhor	—	—	0.2	—	0.3	7
	Hyderabad	+ 8	+ 2	0.2	— 5.8	0.3	9
	Badin	+ 9	+ 6	0.3	— 6.8	0.3	—
Khairpur	Padidan	—	—	0.8	—	0.8	—
	Nawabshah	—	—	1.0	—	1.1	4
	Sukkur	—	—	0.1	—	0.1	—
	Kashmore						4
	Jacobabad	— 1	+ 7	2.4	+ 0.2	2.7	20
Junagadh	Veraval						26
	HILL STATIONS						
Kashmir	Srinagar *						—
	Gulmarg **						71
	Sonamarg **						26
	Dras **						3
	Leh **						6
	Skardu *						—
	Misgar **						—
	Aliabad *						5
	Gilgit *						39
Rawalpindi	Murree *	+ 2					18
Peshawar	Droth *						29
	Cherat *	0					—
	Kakul *	—	—	19.2	—	30.0	—
	Landikotal *	/	—	2.2	—	12.6	29
	Parachinar *		/	—	—	—	13
D.I. Khan	Miranshah *	—	—	—	—	—	11
	Wana *	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	+ 1	+ 9	2.2	— 2.9	4.5	—
	Hindubagh *	—	—	3.0	—	4.0	9
	Loralai *	—	—	0.6	—	0.6	—
	Barkhan *	—	—	1.0	—	1.0	14
	Harnai *	—	/	4.0	— 3.7	5.6	9
	Samungli (Quetta) *	—	—	—	—	—	8
	Chaman *	+ 3	+ 8	2.1	+ 1.8	4.8	—
	Nushki *	—	—	0.5	—	2.6	4
	Dalbandin *	+ 5	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	0	+ 14	0.8	— 0.4	2.2	—
	Khuzdar *	—	—	1.8	—	3.2	5
	Panjgur *						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 19th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Nikaoli	99 2 37	10 5 93	18 1 83	00 4 07	98 0 30	10 0 29	00 9 00	23 1 03	...		00 3 1//	...	30 3 92	06 1 02
Bombala	99 1 68	10 7 14	18 0 01	20 7 07	98 0 30	10 2 28	21 5 00	34 7 14	...		...	30 0 21	30 5 01	...
Werdeufels	99 2 45	10 6 49	18 0 63	02 9 09	98 0 20	11 0 83	00 9 00	54 1 15	...		00 6 69	...	30 3 00	...
Kampala	99 2 15	10 6 57	18 2 63	03 6 07	99 0 00	11 6 28	00 9 00	54 1 //	...		00 3 19	...	30 0 01	32 4 02
Dwarka	99 2 15	10 6 94	18 0 63	03 2 10	99 0 00	09 5 27	00 9 00	...	73 3 02		00 1 24	...	30 1 01	...
Bath Sabec	99 2 42	10 6 85	18 1 23	00 9 07	99 0 20	08 2 79	00 9 00	...	74 4 03		05 4 23	13 1 08	30 1 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	805 236 09	...	430 188 6/	106 090 0/	583 071 //	753 175 //	952 315 //		...	...	...	...	...
Dacca ...	00 00	006 250 14	...	400 158 56	102 094 59	583 007 15	754 195 58	963 317 59	263 547 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 08	049 230 56	...	450 204 56	116 040 //	577 125 //	745 201 //	952 345 //	229 451 //	...	...	...	...	...
Multan ...	00 00	993 222 56	...	450 224 //	088 000 //	567 200 //	725 295 //			...	...	...	...	...
Peshawar ...	00 00	968 168 18	...	430 174 32	086 060 27	583 111 23	737 191 //	944 385 //	210 571 //	...	...	...	...	...
Quetta ...														
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ts DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTst	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 //	800 136 //	600 101 //	350 243 //	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 119 00	830 114 59	600 028 55	350 247 58	—	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	03 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	—	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	—	...	...	—	...	...	...
Quetta ...													
Sargodha ...		MISDA	...	...	...	...	...	—	...	...	—	...	—

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	249 96	250 07	250 08	290 09	319 12	390 19	290 29	280 36	275 35	260 08	360 10	350 12	355 12	340 08	265 13
Bogra ...	240 08	250 09	250 10	285 08	285 11	290 14	280 21	280 29	285 31	265 03	270 03	210 03	280 04	270 02	260 15
Chaklala —		285 11	205 08	300 02	070 03	240 06	255 6/	...			020 02	275 02	245 04	270 04	290 0/
Chhor .	245 08	260 08	265 09	230 13	/25 17	285 15	...	...	...	270 11	265 12	230 05	180 05	160 07	085 15
Chittagong —	335 07	330 13	330 13	290 08	295 15	285 24	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...		...	...	...	...						
Cox's Bazar —	330 14	345 15	351 4/	005 12	070 09	050 07	...	...	...						
Dacca —	115 02	170 02	250 04	260 10	275 15	275 17	...		...	055 07	055 07	055 10	335 06	335 11	310 12
Dalbandin ..	...	...	255 07	245 08	240 08	265 07	135 03	270 14	270 18	...	...	/85 05	245 15	235 02	275 09
D. I. Khan .	120 13	130 13	135 10	130 10	353 11	285 13	/// //	290 26	295 29	180 04	190 03	195 02	270 04	275 02	300 /1
Drosh ..	...	...	.		...			...	.	...	...	..	C88 02	C80 01	038 50
Fort Sandeman ..	..	..	...	275 06	280 11	280 12	/8(21	...	...	...	...	...	200 08	265 11	300 21
Gilgit ...	..	...	..	...	...	...	..		...	...	...	..	...	...	...
Ishurdi ...		...		...					...						
Jacobabad ...	280 04	235 01	250 02	285 04	320 07	330 12	/// //	//0 32	270 29	130 0/	160 04	210 03	225 06	205 10	230 07
Jessore .	270 15	290 09	305 12	300 8/	305 12	285 15	...	...	...	265 08	270 07	305 06	305 13	300 12	260 16
Jhelum —	285 04	300 08	315 04	285 03	260 09	255 13	/// //	270 24	/// //	340 0/	320 10	320 08	325 06	/// //	300 18
Jiwani ..	230 07	190 09	190 12	195 17	190 17	135 07	240 07	300 05	285 15	205 09	200 07	305 05	325 19	315 15	020 11
Karachi ...	255 10	240 10	240 //	240 09	230 07	145 02	095 08	105 05	...						
Khanpur ..	...	...		...	...	...	...	...	...	...			...		
Khuzdar ...				195 06	260 05	260 07	...	280 10	...	205 11	215 12	215 12	245 15	270 17	285 13
Lahore ..	315 03	290 10	285 10	305 09	305 08	265 08	265 13	280 14	...	...	...		255 06	320 03	330 05
Multan ...	150 08	160 10	110 09	205 04	320 07	325 18	310 23	300 28	300 32	010 04	005 06	005 07	300 06	320 08	315 13
Nawab Shah ..	265 05	240 07	250 10	255 15	250 05	326 05	340 06			125 13	151 2/	240 07	310 17	300 12	275 12
Nokkundi ..	...	...	180 12	190 16	205 10	205 12	230 05	020 08	230 05	280 18	285 14	280 11	240 06	225 09	120 02
Panjgur ...		...	...	...	...	...		...		...	...	225 04	250 05	260 07	233 09
Peshawar ...	...	130 02	170 03	130 04	220 03	245 07	280 27	270 25	280 02	...	.	...	...	—	...
Parachinar ...	...	...	...	190 04	150 11	295 21	280 19	..	295 20	...	...	...	...		...
Quetta ...	...	...		...	260 08		290 23		265 37	..	...	...	200 01	125 03	
Sargodha ...	075 03	290 05	300 05	315 06	315 10	365 14	290 20	280 28	285 04	030 03	335 03	331 50	245 06	245 08	280 13
Skardu ...	...	...	...	...		...	...	...	...	...	..	.	225 04	—	...
Sylhet ...	...	...	...	No	Ascent	...	..	...	...	...	...	...	...	...	...
Veraval ...	...	...	..	...	...	...	.	...	...	..	...	...	—	...	

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	310 07	310 06	310 08	305 13	300 13	270 16	270 26	265 26	270 26	...	...
Bogra ...	210 01	205 01	205 02	180 06	230 07	270 07	288 25	275 28	275 32	...	...
Chaklala —		290 02	210 01	230 02	185 04	225 10	250 16	150 23	255 23	-	...
Chhor .	295 05	290 10	270 10	225 07	220 C6	200 05	070 13	112 09	130 09	...	...
Chittagong —	330 03	/// //	/// //	290 04	260 28	250 17	/// //	250 20	255 43	...	...
Cherat ...	...	...	.	...	...	...	...	—	...	...	—
Cox's Bazar —	...	...		...	...	...	...	...	...	...	...
Dacca —	100 01	095 01	111 11	240 02	230 07	288 07				...	...
Dalbandin ..	...		230 04	230 15	230 12	220 12	055 02	085 03	260 07	...	...
D. I. Khan .	175 04	190 06	205 07	185 05	230 06	275 13	295 19	300 20	270 35	...	...
Drosh ..	...	...	...							...	...
Fort Sandeman ..	...	...	...	230 12	230 15	227 01	300 29	300 29	300 30	...	...
Gilgit ...		...	...	...	...	...	...	...	...	...	.
Ishurdi ...		...				...	...	...		...	...
Jacobabad ...	130 09	175 04	065 04	065 04	100 05	180 14	195 09	275 08	295 10	...	...
Jessore .	300 06	315 09	315 12	295 18	285 19	260 16	280 23	280 20	280 22	...	.
Jhelum —	275 01	210 03	320 02	310 03	260 05	255 09	265 15	265 15	260 23	...	...
Jiwani ..	303 04	275 03	275 05	315 11	325 07	075 06	275 08	270 22	285 35	...	...
Karachi ...	280 08	295 09	295 10	280 13	260 17	195 11	125 11	095 19		...	.
Khanpur ..											
Khuzdar ...	270 08	260 13	255 13	265 15	290 15	260 23	325 08	325 10	291 23	—	...
Lahore ..				290 05	335 02	125 02	085 05	050 08	260 57	—	..
Multan ...	240 04	230 03	270 02	315 08	290 08	290 07	270 02	275 15	285 19	—	...
Nawab Shah ..	140 01	153 //	145 11	145 11	295 13	305 23	052 9/	290 28	285 33	...	..
Nokkundi ..	265 08	245 08	220 08	225 07	150 05	105 07	270 15			-	...
Panjgur ...	...		075 04	165 12	175 10	185 14	105 03	225 03	260 12	.	...
Peshawar ...	...			295 04	280 05	220 06	200 09	195 08	125 06	090 08	075 27
Parachinar ...	...	075 02	355 91	275 04	310 05	190 05	250 15	260 21	240 25	...	-
Quetta ...		...	...	275 14	300 03 250 04	255 06	300 11 275 6	265 17	280 31 255 25	...	...
Sargodha ...	180 02	240 05	260 06	265 06	235 08	250 10	285 18	270 22	265 02	...	..
Skardu ...	...	...	..	075 03	..	...	...	...	...	..	.
Sylhet ...	...	...	—	...	...	—	...	...	...	...	...
Veraval ...	...	...	...	—	...	.	...	...	...	...	...

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	130 03	/85 10	300 03	...	275 07	..	255 23	...	250 25		...	...	..	...	...	...		
Gilgit ...																		
Jiwani ...																		
Karachi ...	275 19	290 19	255 15	220 07	200 12	155 14	035 20	230 08	230 14	...	...	...	...	...	...	...	...	...
Multan ...	145 08	235 04	235 02	320 06	315 10	275 21	285 23	285 27	285 31	...	...	..	...	..	..			
Peshawar ...	...	245 05	040 07	300 03	225 04	205 03	260 18	265 22	260 25	-	...	.	...	...	...			
Quetta																		
Sargodha ...	...	340 02	360 04	310 07	255 07	265 13	265 12	280 15	285 23	...	...	...	...	...	...			

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

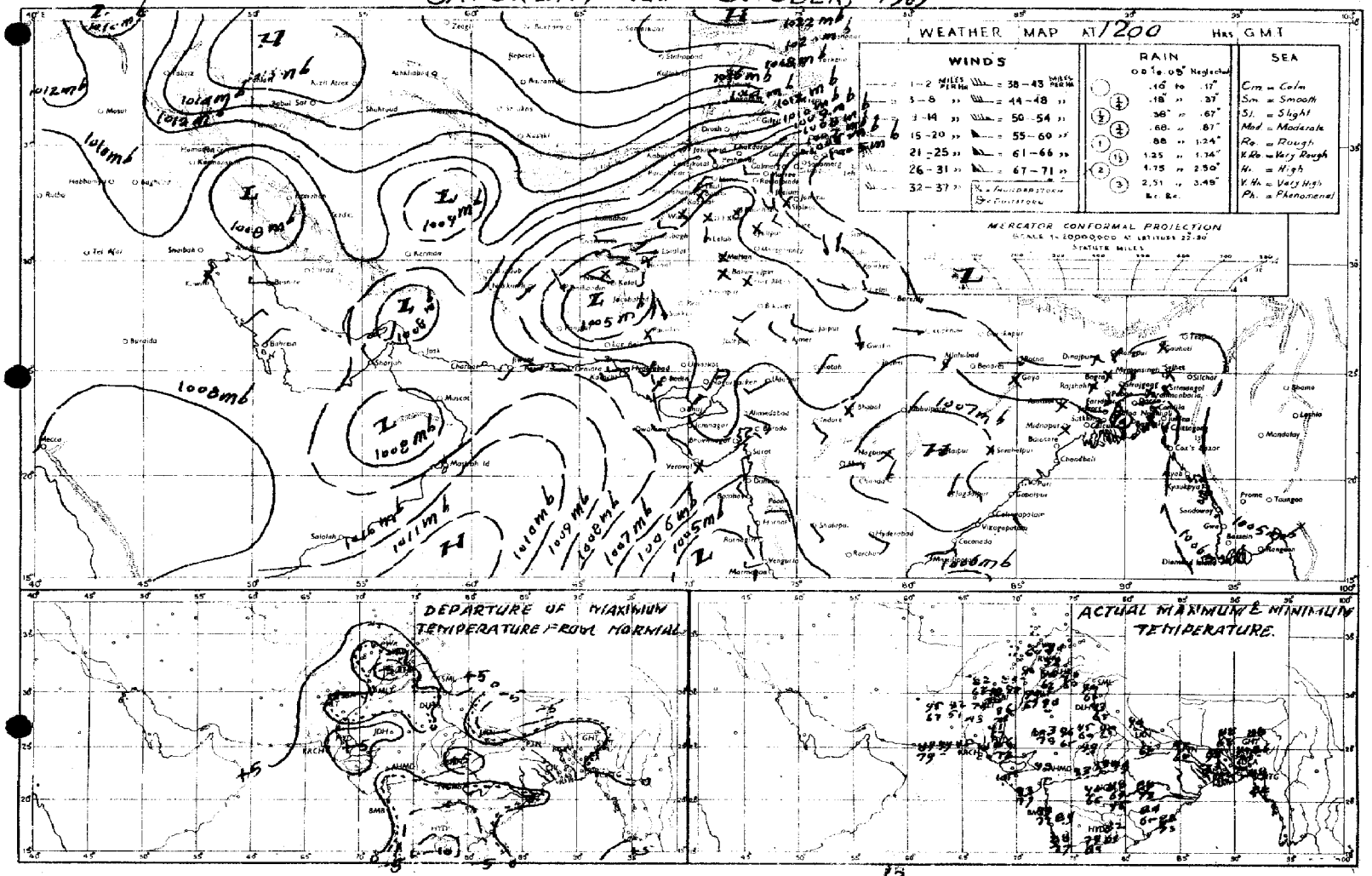
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ts—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "fff" omitted.

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

PAKISTAN DAILY WEATHER MAP

SATURDAY 18th OCTOBER, 1969

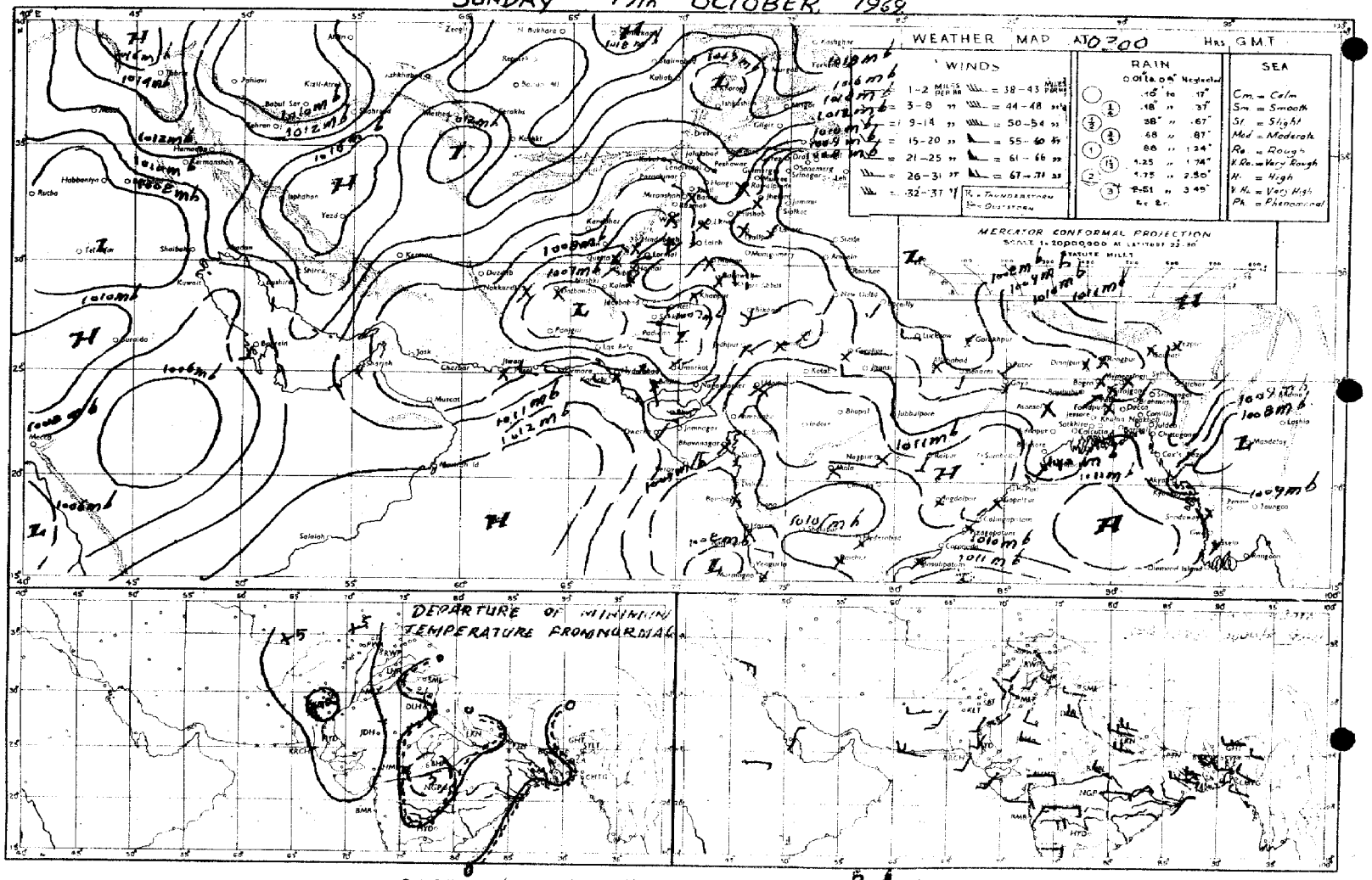


Rainfall amounts indicated in the above chart refer to past 12 hours.

PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SUNDAY 19th OCTOBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 20th OCTOBER 1969.

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

Yesterday's well marked low pressure area over southwest and adjoining west central Bay of Bengal persists. It is likely to concentrated into a depression and move westnorthwestwards. Rain/thundershowers have been scattered in Chittagong division.

Sylhet recorded ½" of rainfall. A low pressure area lies over Rajasthan and adjoining west Pakistan. A fresh westerly low pressure wave is moving across north of central Iran. Weather remained dry in west Pakistan.

Day temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Bahawalpur, Quetta, Karachi and Hyderabad divisions and were 3—7 °F (2—4 °C) below normal in Peshawar, Lahore, Rawalpindi, Sargodha and Kalat divisions.

Forecast valid until the evening of 21st October 1969 :—Weather will remain dry in the country.

Karachi-11
The 20th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	As 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	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	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati **	000	0	1	27	05	96	01	0	076	84	1	1	7	0	0	72	90	000	0	3	23	02	97	01	0	141	81	2	4	6	7	0	73	75	—	—	—	—	—	—
	Cox's Bazar **	000	0	2	30	05	//	01	0	071	84	1	0	9	4	0	72	93	000	0	0	05	08	97	01	0	117	82	0	0	9	0	0	73	73	+ 6	0	—	—	—	140
	Chittagong **	000	0	3	27	02	//	02	0	075	84	0	0	9	0	0	76	90	000	0	1	00	00	96	01	0	119	82	1	0	9	3	0	75	73	+ 3	—	—	—	—	108
	Maijdee Court **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	03	2	113	82	0	0	9	3	0	73	73	—	—	—	—	—	115
	Comilla **	000	0	0	00	00	96	02	0	071	86	0	0	9	0	0	73	93	000	0	0	00	00	96	02	0	109	82	0	0	9	0	0	73	73	+ 5	—	—	—	—	94
	Brahmanbaria **	000	0	2	00	00	96	01	1	068	86	1	1	7	1	0	77	90	000	0	0	00	00	97	00	0	117	84	0	0	9	0	0	73	73	—	—	44.1	— 8.8	53.8	78
	Sylhet **	000	0	3	00	00	//	03	0	070	82	2	5	5	3	0	73	93	054	6	4	05	02	96	01	2	118	77	3	4	4	3	0	73	73	—	—	—	—	—	—
	Srimangal **	000	0	0	00	00	//	00	0	070	77	0	0	9	0	0	76	89	000	0	0	00	00	96	00	0	107	82	0	0	9	0	0	73	68	+ 3	— 2	—	—	—	98
Dacca	Mymensingh ...	000	0	4	00	00	//	00	0	071	82	0	4	6	0	0	82	90	000	0	0	00	00	97	00	0	126	82	0	0	9	0	0	75	73	+ 3	— 1	62.1	— 5.7	77.3	91
	Narayanganj ...	000	0	0	00	00	//	00	0	065	84	4	0	9	0	0	42	84	000	0	0	00	00	97	00	0	116	84	0	0	9	0	0	75	73	— 4	+ 2	57.4	+ 5.3	80.8	—
	Dacca (Tejgaon) ...	000	0	2	00	00	96	01	2	070	82	2	0	9	6	0	67	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur ...	000	0	0	00	00	95	00	0	066	84	0	0	9	0	0	67	90	000	0	0	00	00	97	00	0	101	84	0	0	9	0	0	73	75	+ 3	+ 1	43.2	— 7.4	56.8	71
Khulna	Barisal ...	000	0	3	00	00	//	01	2	070	82	1	5	5	5	0	76	90	000	0	2	00	00	97	02	2	113	82	2	4	5	0	0	73	73	+ 3	— 1	—	—	—	81
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	105	82	0	0	9	0	0	81	75		+ 2	—	—	—	68
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	97	01	1	117	82	2	2	6	1	1	73	73		+ 1	—	—	—	65
	Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	05	1	114	82	2	0	9	3	0	73	69		— 5	—	—	—	65
Rajshahi	Pabna **	000	0	0	00	00	//	02	0	069	84	0	0	9	0	0	70	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
	Sirajganj ...	000	0	0	00	00	96	00	0	065	84	0	0	9	0	0	64	88	000	0	0	00	00	98	00	0	114	82	0	0	9	0	0	73	69	+ 1	— 4	—	—	—	64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	02	97	02	0	116	82	0	0	9	0	0	65	73		0	43.6	— 1.7	56.2	—
	Bogra ...	000	0	0	00	00	//	02	0	065	81	0	0	9	0	0	72	90	000	0	0	09	02	96	02	0	114	82	0	0	9	0	0	73	73	+ 3	0	4.3	—12.0	58.3	69
	Dinajpur ...	000	0	0	00	00	96	00	0	061	84	0	0	9	0	0	73	90	000	0	0	00	00	96	00	0	113	84	0	0	9	0	0	68	69	+ 3	— 3	72.7	—12.9	95.7	72
	Rangpur ...	000	0	0	00	00	96	01	0	061	81	0	0	9	0	0	76	88	000	0	0	00	00	96	01	0	118	81	0	0	9	0	0	73	//	+ 1	/	66.4	+ 0.1	66.0	84
Kashmir	Jammu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Intl Rd.) ...	000	0	0	31	02	95	06	0	063	84	0	0	9	0	0	59	88	000	0	0	00	00	95	06	0	///	73	0	0	9	0	0	62	//	— 6	/	13.3	— 1.4	17.8	19
	Sialkot **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Rawalpindi	Jhelum **	000	0	6	27	02	97	03	1	061	84	4	3	6	1	0	61	90	000	0	7	00	00	97	01	0	121	65	0	0	9	0	7	58	//	—	/	23.8	—	31.2	—
	Islamabad ...	000	0	6	00	00	98	02	2	071	77	4	4	8	4	0	59	86	000	0	0	00	00	97	00	0	130	62	0	0	9	0	0	56	58	— 3	+ 8	20.1	— 3.6	30.1	36
	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Campbellpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Sargodha	Khushab ...	000	0	8	00	00	96	02	0	059	79	0	0	9	6	2	70	88	000	0	0	00	00	97	00	0	100	73	0	0	9	0	0	65	65	— 6	+ 3	—	—	—	—
	Sargodha ...	000	0	1	05	02	97	03	0	058	82	0	0	9	0	1	68	90	000	0	0	03	00	95	04	0	118	69	0	0	9	0	0	64	64	—	—	16.8	—	20.4	—
	Lyallpur ...	000	0	0	00	00	96	00	0	069	99	0	0	9	0	0	61	93	000	0	0	00	00	96	00	0	109	69	0	0	9	0	0	60	62	— 0	+ 1	4.6	— 4.6	7.7	12
Multan	Sahiwal ...	000	0	0	00	00	97	02	0	044	93	0	0	9	0	0	52	95	000	0	3	05	02	96	02	0	117	73	3	0	9	0	0	62	62	+ 1	0	8.3	+ 3.3	11.3	10
	Multan ...	000	0	0	00	00	94	00	0	103	93	0	0	9	0	0	63	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	7
	Laiah ...	000	0	0	36	01	94	00	0	103	93	0	0	9	0	0	63	93	000	0	0	00	00	96	02	0	099	73	0	0	9	0	0	56	60	+ 4	+ 5	0.2	— 4.6	1.1	8
Bahawalpur	Khanpur **	000	0	0	00	00	97	02	0	048	94	0	0	9	0	0	56	99	000	0	0	00	00	97	00	0	093	//	0	0	9	0	0	75	//	— /	/	0.7	—	0.8	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	048	95	0	0	9	0	0	90	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Fort Abbas ...	000	0	0	00	00	98	00	0	019	96	0	0	9	0	0	90	99	000	0	0	05	02	98	02	0	132	60	0	0	9	0	0	54	56	—	—	8.2	—	17.6	—
Peshawar	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—	...	...	...	11
	Peshawar **	000	0	4	00	00	97	03	0	064	81	1	3	6	3	1	67	84	000	0	0	00	00	99	02	0	983	//	0	0	9	0	0	64	56	—	—	9.6	—	19.7	—
	Haripur **	000	0	0	23	03	98	00	0	067	86	0	6	9	0	0	54	87	000	0	0	00	00	98	02	0	123	73	0	0	9	0	0	60	68	—	+ 7	3.5	— 2.0	6.0	9
D. I. Khan	Bannu **	000	0	6	02	01	98	03	2	049	84	3	2	7	4	0	67	88	000	0	0	29	02	99	02	1	125	65	0	0	9	0	0	57	64	—	—	0.6	—	4.5	11
	D. I. Khan **	000	0	0	00	00	90	02	0	060	88	0	0	9	0	0	67	93	000	0	0	00	00	98	02	0	123	73	0	0	9	0	0	60	68	—	+ 7	3.5	— 2.0	6.0	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	045	99	0	0	9	0	0	69	03	000	0	0	23	03	97	02	0	111	72	0	0	9	0	0	66	71	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	3	00	00	96	03	3	022	94	3	4	6	0	0	//	95	000	0	0	36	03	98	03	0	106	71	0	0	9	0	0	37	//	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	02	96	00	0	951	95	0	0	9	0	0	50	95	000	0	0	13	02	96	00	0	986	72	0	0	9	0	0	50	//	—	/	0.2	—	0.2	—
	Jiwani ...	000	0	0	18	10	96	02	0	071	84	0	0	9	0	0	71	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/	...	...	...	5
	Pasni ...	000	0	0	25	10	97	02	0	084	89	0	0	9	0	0	70	99	000	0	0	25	04	95	04	7	117	70	0	0	0	0	0	69	//	— 7	/	0.0	— 0.8	0.0	6
Karachi division	Ormara ...	000	0	0	27	10	96	02	0	082	85	0	0	9	0	0	68	87	000	0	0	00	00	96	02	0	122	69	8	0	9	0	0	66	09	—	—	0.0	— 0.8	0.6	8
	Lasbela ...	///	0	2	13	03	98	00	0	057	00	0	0	8	0	0	61	02	000	0	0	00	00	98	00	0	114	69	0	0	8	0	0	51	57	—	—	0.7	—	0.7	8
	Karachi (Manora) ...	000	0	0	27	05	97	02	0	072	86	0	0	9	0	0	72	92	000	0	0	00	00	96	02	0	110	79	0	0	9	0	0	60	76	+ 4	+ 3	1.0	— 5.0	1.1	8
	Karachi (Airport) ...	000	0	0	31	09	96	02	0	070	95	0	0	9	0	0	//	99	000	0	0	31	02	96	02	0	111	77	0	0	9	0	0	51	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar ...	///	0	0	05	20	97	02	0	141	59	0	0	0	0	0	99	02	000	0	0	05	02	97	02	0	151	85	0	0	0	0	0	82	83	—	—	0.1	—	0.1	7
	Chhor ...	000	0	4	27	03	96	03	0	056	98	4	5	6	0	1	53	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
	Hyderabad ...	000	0	2	10	03	97	03	0	056	99	0	0	9	0	0	49	05	000	0	0	31	02	97	02	0	109	81	0	0	9	0	0	45	75	+ 7	+ 5	0.2	+ 5.8	0.3	—
	Badin ...	000	0	0	23	01	97	02	0	078	00	0	0	9	0	0	66	03	000	0	0	27	01	97	01	0	097	76	0	0	9	0	0	91	73	+ 8	+ 5	0.3	— 6.8	0.3	—
Khairpur	Padidan ...	000	0	0	31	02	96	02	0	051	99	0	0	9	0	0	41	03	000	0	0	//	//	97	02	0	105	73	0	0	9	0	0	59	59	—	—	0.8	—	0.8	4
	Nawabshah ...	000	0	0	18	05	96	02	0	057	01	0	0	9	0	0	61	05	000	0	0	00	00	96	01	0	117	77	0	0	9	0	0	54	66	—	—	1.0	—	1.1	—
	Sukkur ...	000	0	0	23	02	96	02	0	///	99	0	0	9	0	0	64	04	000	0	0	23	03	96	02	0	105	79	0	0	9	0	0	57	74	—	—	0.1	—	0.1	4
	Kashmore ...	000	0	0	00	00	78	02	0	056	98	0	0	9	0	0	62	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
	Jacobabad ...	000	0	0	13	02	97	02	0	052	97	0	0	9	0	0	70	99	000	0	0	00	00	96	04	0	107	75	0	0	9	0	0	68	71	+ 2	+ 7	2.4	+ 0.2	2.7	26
Bahawalpur	Vehari ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	HILL STATIONS																																								
Kashmir	Srinagar ** ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								3
	Aliabad * ...																																								59
	Gilgit * ...																																								—
Rawalpindi	Murree ** ...	000	0	6	31	03	97	02	/	531	//	4	5	4	5	0	45	67	000	0	0	27	02	98	00	1	533	56	0	0	9	0	0	37	49	—	0	—	—	—	18
Peshawar	Drosh ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	02	0	547	50	1	1	7	0	0	43	49	—	—	3	—	—	29
	Chitral ** ...	000	0	2	00	00	98	01	0	479	70	2	2	7	0	0	58	76	000	0	0	00	00	97	02	0	516	62	0	0	9	0	0	49	//	—	/	—	—	—	—
	Kakul ** ...	000	0	5	31	02	97	03	1	481	70	5	3	4	0	0	52	76	000	0	0	36	05	98	00	0	519	62	0	0	9	0	0	47	56	—	—	19.2	—	30.0	—
	Landikotal ** ...	000	0	0	00	00	98	01	6	369	77	6	7	6	0	0	68	81	000	0	0	36	02	98	02	0	371	62	0	0	9	0	0	47	50	—	—	2.1	—	12.6	29
	Parachinar ** ...	000	0	5	16	03	98	01	2	473	67	4	5	6	3	0	37	72	000	0	0	00	00	99	02	0	528	59	0	0	9	0	0	41	51	— 2	+ 3	—	—	—	13
D.I. Khan	Miranshah ** ...	000	0	0	05	05	99	00	0	507	79	0	0	9	0	0	42	81	000	0	0	05	05	99	00	0	///	//	0	0	9	0	0	49	59	—	—	—	—	—	11
	Wana ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	02	0	495	58	0	0	9	0	0	43	//	—	/	1.2	—	4.1	11
Quetta	Fort Sandeman ** ...	000	0	5	27	05	97	03	0	464	79	5	4	7	0	0	//	83	000	0	0	05	02	97	02	0	512	93	0	0	9	0	0	//	56	+ 1	+ 7	2.2	— 3.0	6.5	—
	Hindubagh ** ...	000	0	0	23	03	95	02	0	492	75	0	0	9	0	0	//	78	000	0	0	03	00	97	02	0	537	51	0	0	9	0	0	21	38	—	—	3.0	—	4.0	9
	Loralai ** ...	000	0	0	18	02	99	04	5	854	55	0	0	9	0	0	81	86	000	0	0	27	02	98	00	0	590	55	0	0	9	0	0	45	45	—	—	0.6	—	0.6	—
	Barkhan ** ...	000	0	0	23	05	97	02	0	451	85	0	0	9	0	0	42	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
	Harnai ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	418	64	0	0	0	0	0	66	//	—	—	4.0	— 3.7	5.6	9
	Samungli (Quetta) ** ...	000	0	6	22	03	96	00	0	488	78	0	5	9	0	0	37	79	000	0	4	00	00	96	03	0	546	62	4	0	9	3	0	39	56	—	—	—	—	—	8
	Chaman ** ...	000	0	0	23	05	97	00	0	486	81	0	0	9	0	0	61	84	000	0	0	00	03	96	00	0	498	//	0	0	9	0	0	46	65	+ 5	+ 13	2.1	+ 0.7	4.8	—
	Nushki ** ...	000	0	0	33	04	97	02	0	544	86	0	0	9	2	0	53	87	000	0	0	07	03	97	02	0	563	76	0	0	9	0	0	47	71	—	—	0.5	—	2.6	4
	Dalbandin ** ...	000	0	0	20	03	97	03	0	490	85	2	0	9	0	0	//	92	000	0	0	00	00	97	02	0	508	59	0	0	9	0	0	32	53	+ 5	+ 4	0.0	— 0.2	0.5	7
Kalat	Kalat ** ...	000	0	0	31	02	96	00	2	///	//	0	0	9	0	0	50	//	000	0	0	13	02	98	//	/	525	54	0	0	9	0	0	45	47	—	+ 8	0.8	— 0.4	2.2	—
	Khuzdar ** ...	000	0	0	00	00	97	02	0	482	84	2	5	6	0	0	50	68	000	0	0	00	00	96	02	0	504	63	0	0	9	0	0	44	60	—	—	0.0	—	3.2	5
	Panjgur ** ...	—	—	...	...	...	—	...	...	...	...	...	...	—	...	...	...	...	000	0	0	05	02	96	02	0	502	61	0	0	9	0	0	35	57						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{wt}T$	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 42	10 6 26	19 0 03	02 0 06	98 0 20	09 3 26	00 9 00	23 3 04			00 0 23	...	30 2 02	24 0 13
Groote Kerk	99 2 38	10 6 16	19 / 23	02 3 04	98 0 20	08 4 28	00 9 00	34 6 08			0 / / 23	12 7 60	30 1 01	21 4 01
Werdeufels	99 2 05	10 6 64	18 1 23	09 9 05	99 0 00	09 8 28	00 9 00	54 7 10			00 0 14	...	30 2 01	4 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	808 244 06	...	440 134 49	109 086 / /	581 081 / /	751 185 50	955 331 / /	(232 541 / /	...	...	...	...	...
Dacca ...	00 00	008 204 21	...	420 150 64	110 100 64	582 085 62	752 183 62	961 339 63	235 527 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 08	084 246 62	...	500 170 55	125 094 / /	586 041 / /	759 115 / /	975 245 / /	260 411 / /	...	...	...	...	...
Multan ...	00 00	995 196 30	...	558 194 56	116 050 / /	568 231 / /	727 375 / /	924 425 / /	189 575 / /	...	...	...	...	...
Peshawar ...	00 00	970 180 20	...	480 166 58	102 066 66	577 125 / /	744 225 / /	949 391 / /	...	...	...	...	...	...
Quetta ...	09 00	822 136 51	...	...	112 108 / /	...	747 299 / /	952 349 / /	221 593 / /	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 184 57	800 144 / /	600 016 16	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 198 62	800 126 64	600 022 67	350 231 64	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	03 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 156 / /	600 123 / /	600 123 / /	...	...	...	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...

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)										
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	3.4	4.5	5.4	6.0	7.2	9.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	350 9/	320 10	300 12	290 15	260 12	270 17	280 20	...	...	010 03	340 07	340 11	330 12	290 06	275 11	300 02	295 02	305 04	325 15	315 10	290 12	255 13	250 20	258 23	...	...
Bogra ...	275 06	278 05	230 04	165 05	130 04	325 13	285 18	...	...	201 / /	270 02	/// / /	295 08	320 05	275 17	165 04	190 02	185 03	298 01	325 06	290 13	275 25	270 30	250 34	...	...
Chaklala ...		290 09	285 09	290 85	265 03	260 10	...	...	...	...	265 04	335 03	325 04	300 08	270 08	...	245 04	305 06	315 05	335 07	280 08	280 17	290 15	280 17	...	...
Chhor ...	265 09	270 11	250 19	280 07	255 16	275 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	250 61	258 84	270 83	270 06	280 05	275 06	...	...	...	...	...	...	...	...	...	320 11	350 06	320 11	275 09	305 09	265 09	260 18	255 17	245 16	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	325 08	345 08	350 07	305 03	275 04	288 11	270 18	210 27	240 33	380 08	340 10	340 12	301 2/	340 12	...	340 19	350 17	360 13	360 08	290 10	280 17	160 24	275 32	240 37	...	...
Dacca ...	275 12	260 08	225 05	160 09	160 02	280 10	290 15	...	280 21	...	...	...	...	...	...	340 04	320 04	320 08	320 10	295 09	280 15	270 17	265 27	253 21	...	...
Dalsandin ...	...	...	275 14	240 11	235 06	225 08	295 08	280 12	285 16	...	...	235 03	188 07	235 08	215 21	...	...	100 03	215 07	210 07	140 03	055 07	035 09	335 09	...	...
D. I. Khan ...	140 07	140 09	140 08	110 10	261 77	285 29	290 36	295 30	295 46	040 03	005 03	330 03	270 05	200 50	180 09	...	...	...	...	...	...	...	...	...	...	...
Dresh ...	...	...	...	230 05	210 06	210 08	...	...	...	...	...	...	025 01	175 02	235 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	275 12	270 10	285 1/	280 22	285 27	...	...	...	...	135 03	260 10	280 22	...	...	...	220 04	205 10	255 15	285 20	295 25	290 32	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 04	178 05	185 06	225 08	231 17	210 07	255 17	285 04	218 06	118 04	170 06	225 07	215 13	230 17	225 15	265 01	240 04	218 08	215 13	185 12	155 07	000 12	315 07	290 17	...	...
Jessore ...	290 11	295 11	295 09	300 09	305 10	275 15	...	...	...	245 07	230 06	280 06	330 15	300 13	275 15	270 06	335 04	305 03	325 11	295 14	280 14	260 19	260 17	260 28	...	...
Jhelum ...	185 04	250 04	290 05	275 04	241 78	235 13	240 19	255 23	265 34	320 08	340 09	330 13	345 06	320 04	310 28	230 07	310 11	315 15	315 18	315 11	310 04	285 18	278 24	270 23	...	...
Jiwani ...	195 05	310 05	290 08	310 08	035 07	270 02	290 07	275 28	285 34	090 04	325 04	335 05	020 07	070 22	050 10	115 05	055 05	055 07	260 25	080 21	275 33	295 05	...	275 18	...	...
Karachi ...	298 15	290 1/	285 / /	245 08	220 / /	210 1/	170 / /	322 15	270 04	...	...	...	...	...	...	340 13	325 13	305 11	250 09	210 11	190 19	190 21	190 08	150 05	...	...
Khanpur ...	255 07	255 08	/// //	190 07	235 10	315 08	280 12	285 13	298 13	210 10	215 12	230 13	225 16	288 15	285 13	035 13	350 15	345 17	340 25	298 41	265 38	260 35	255 28	230 21	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	255 06	255 09	250 13	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	325 09	308 85	308 84	270 07	270 87	235 89	265 11	285 13	270 24	250 08	360 10	355 08	360 09	330 13	290 18	295 04	325 08	325 13	305 03	295 08	290 12	285 15	280 23	290 25	...	...
Multan ...	135 08	125 17	195 12	250 10	270 09	275 17	300 21	300 29	308 34	135 12	190 04	230 2/	240 06	225 11	270 21	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	185 12	155 11	210 00	270 07	230 52	235 04	288 12	...	...	245 18	240 15	215 13	175 15	170 13	160 12	270 10	240 14	215 13	175 13	195 20	215 08	020 05	...	...	...	...
Nokkundi ...	...	...	190 58	190 06	195 12	205 04	180 03	...	130 06	...	...	130 06	155 09	120 10	115 14	...	...	080 09	090 11	135 11	095 04	100 08	335 06	295 12	...	...
Panjgur ...	...	...	...	145 03	175 05	125 07	280 07	265 10	265 11	...	...	...	200 07	155 09	115 17	...	...	...	105 05	100 11	130 12	070 12	070 14	015 11	...	...
Peshawar ...	...	189 10	080 02	015 04	150 02	205 05	195 10	240 72	251 57	...	...	...	...	...	...	...	070 04	350 03	230 06	275 09	280 12	265 17	275 21	280 25	...	...
Parachinar ...	...	...	...	255 04	165 08	...	...	...	...	...	...	...	...	...	...	...	...	...	285 10	145 10	285 25	320 8/	...	280 24	...	...
Quetta ...	...	...	...	...	235 07	260 15	...	...	...	...	...	...	...	...	...	...	...	...	...	190 01	230 02	275 08	285 10	280 14	...	...
Sargodha ...	125 04	125 04	198 84	250 18	285 15	285 19	285 8/	280 32	280 36	360 06	335 07	010 05	235 06	265 12	270 15	305 05	300 05	/// //	305 07	285 19	295 13	280 27	290 29	285 33	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	260 02	...	...	...	...	...	...	...
Sylhet ...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.8	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	315 04	315 07	305 11	...	285 09	...	265 17	...	255 22	...	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	215 17	300 16	290 11	290 11	185 11	210 16	175 15	215 15	338 15	...	...	...	...	...	...	...	...	...
Multan ...	130 25	155 23	185 21	325 12	330 10	320 14	280 13	295 15	290 16	...	...	...	...	...	...	...	...	...
Peshawar ...	...	300 06	335 07	320 09	285 13	307 15	295 21	285 25	285 25	...	...	...	...	...	...	...	...	...
Quetta ...																		
Sargodha ...																		

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

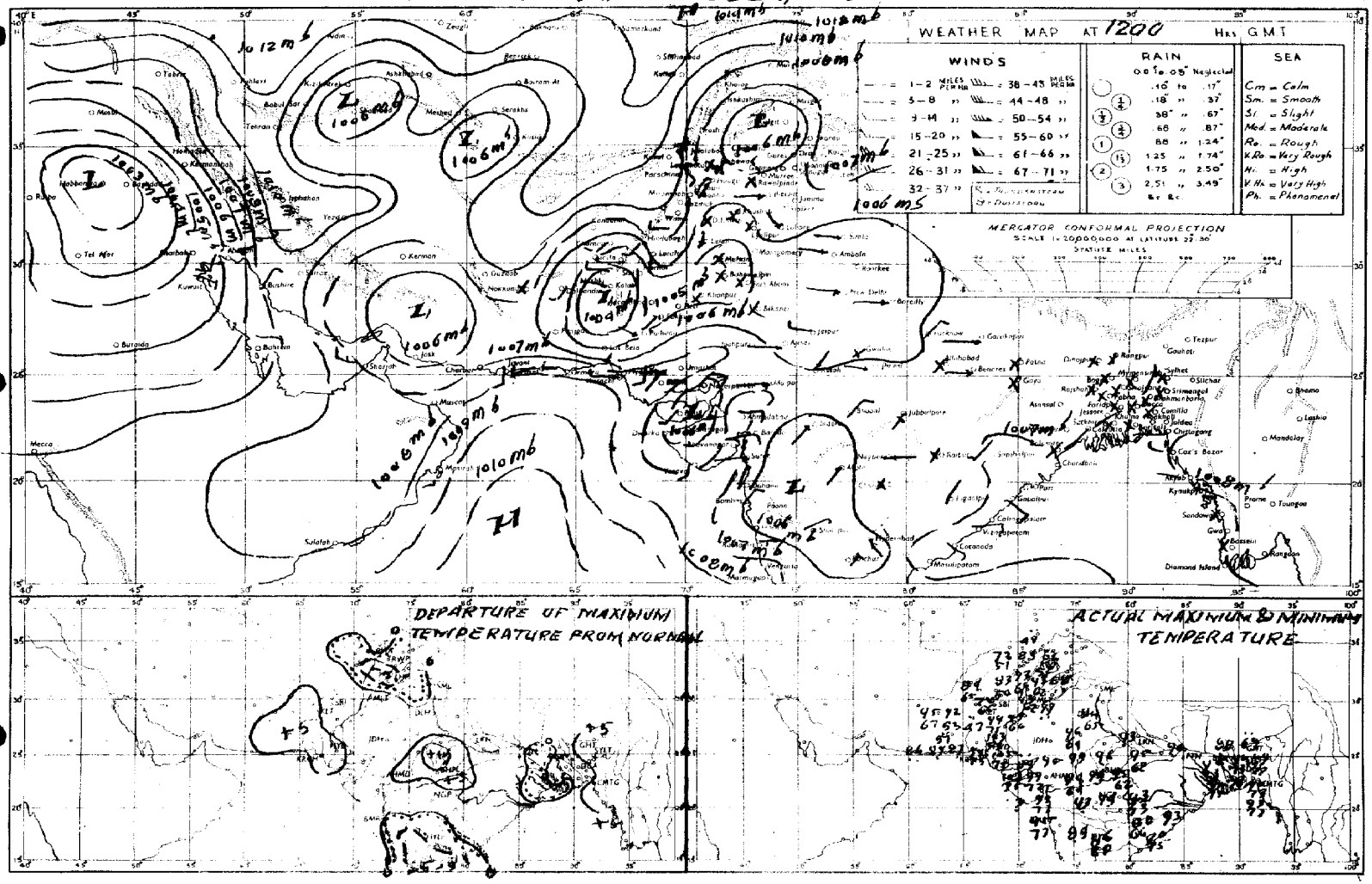
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

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

PAKISTAN DAILY WEATHER MAP

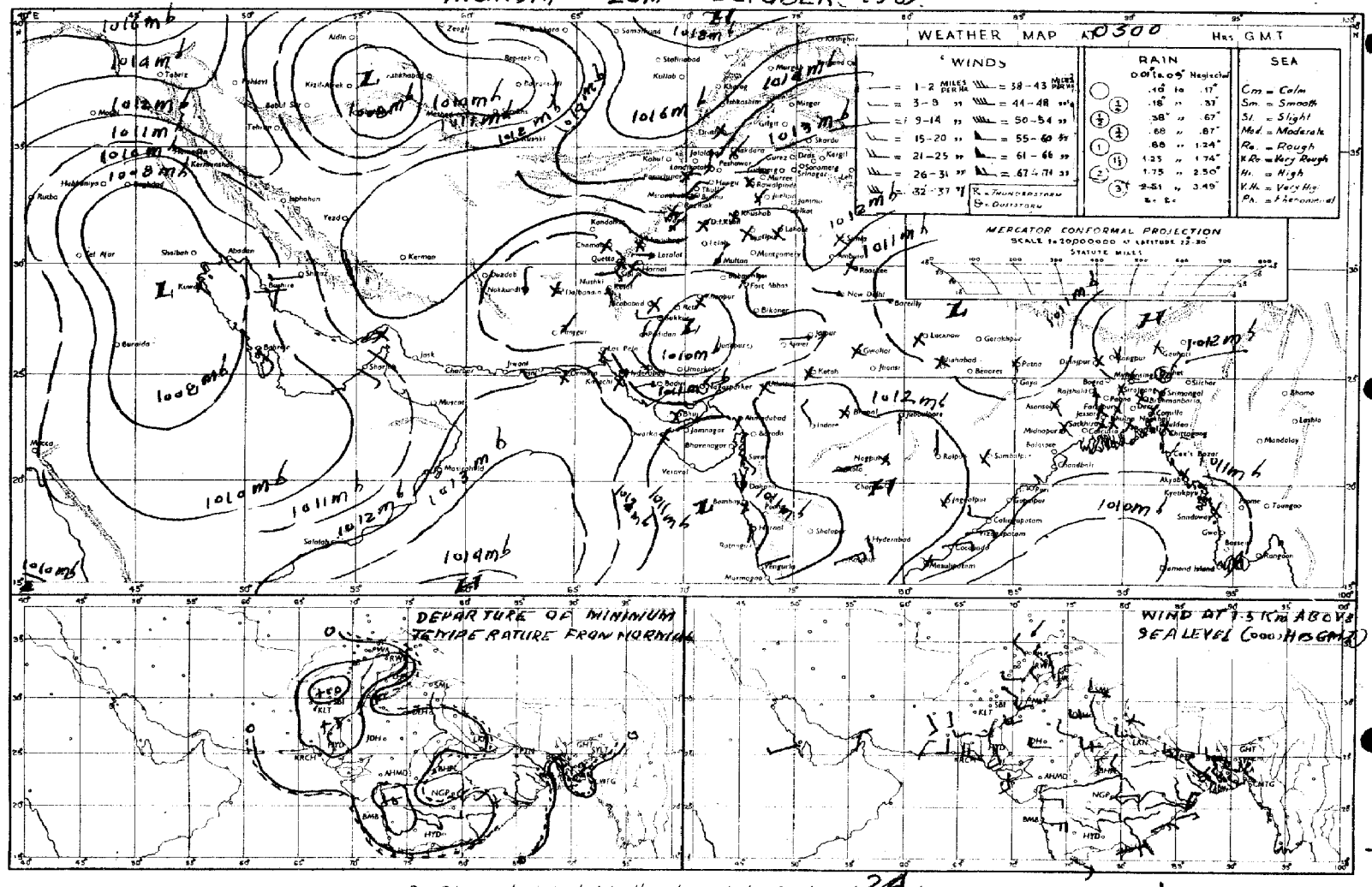
SUNDAY 19th OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 20th OCTOBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 21st OCTOBER 1969.

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

Ships observations absent but believe yesterday's well marked low pressure area over southwest Bay of Bengal concentrated into a depression and is centred at 210,300 G.M.T. within one degree of latitude 10½ °N longitude 83½ °E. It is likely to intensify and move northwestwards. A low pressure wave is moving across northern parts of Afghanistan. Weather remained dry in the country.

Day temperatures were 3—7 °F (2—4 °C) below normal in Lahore, Rawalpindi, Sargodha, Peshawar and Kalat divisions and were to the same extent above normal in Bahawalpur, Quetta, Karachi, Hyderabad divisions and in East Pakistan.

Forecast valid until the evening of 22nd October 1969 :— A few thunderstorm/showers are likely in Peshawar division and Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 21st October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T., of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud from † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	1	23	02	96	01	0	070	86	1	1	7	0	0	67	89
	Cox's Bazar	000	0	0	33	06	//	02	0	086	20	0	0	9	0	0	63	89
	Chittagong	000	0	1	00	00	96	01	0	089	80	1	0	9	2	0	67	90
	Maidee Court	000	9	2	00	00	97	02	0	070	86	0	0	9	3	0	75	89
	Comilla	000	0	0	00	00	96	02	0	090	80	0	0	9	0	0	75	89
	Brahmanbaria	000	0	2	00	00	96	01	1	084	84	2	0	9	7	0	73	90
	Sylhet	000	0	0	00	00	//	02	0	081	80	0	0	9	0	0	73	87
	Srimangal	000	0	0	00	00	//	00	0	087	80	0	0	9	0	0	75	90
Dacca	Mymensingh	000	0	2	00	00	//	01	0	089	84	2	0	9	2	0	73	86
	Narayanganj	000	0	1	00	00	//	01	1	084	86	1	6	6	0	0	70	88
	Dacca (Tejgaon)	000	0	1	00	00	96	01	0	083	82	1	0	9	3	0	68	90
	Faridpur	000	0	0	00	00	95	01	0	069	84	1	5	6	0	0	72	90
Khulna	Barisal	000	0	0	00	00	//	02	0	088	82	0	0	9	0	0	75	92
	Khulna	000	0	6	00	00	97	00	0	137	88	0	0	9	0	0	82	88
	Satkhira	000	0	2	00	00	97	01	1	093	84	2	1	6	1	1	//	//
	Jessore	000	0	1	00	00	97	01	0	082	88	0	0	9	2	0	70	94
Rajshahi	Pabna	000	0	0	00	00	97	02	0	082	84	0	0	9	0	0	72	92
	Sirajganj	000	0	0	00	08	96	00	0	084	82	0	0	9	0	0	79	88
	Rajshahi	000	0	0	00	00	96	02	0	089	82	0	0	9	0	0	68	90
	Bogra	000	0	0	00	00	//	02	0	081	80	0	0	9	0	0	72	90
	Dinajpur	000	0	0	00	00	95	00	0	080	86	0	0	9	0	0	72	90
	Rangpur	...	..	.	...	...	..	...	..	...	...	..	..	...	..	..	...	..
* Kashmir	Jammu	...																
Lahore	Lahore (Met Rd.)	000	0	0	31	02	96	02	0	092	88	0	0	9	0	0	58	90
	Sialkot	...																
Rawalpindi	Jhelum	000	0	1	27	03	97	03	0	080	88	1	1	7	0	0	48	94
	Islamabad	...																
	Rawalpindi	000	0	0	27	02	99	00	0	093	82	0	0	9	0	0	58	88
	Campbellpur	...																
Sargodha	Khushab	000	0	0	00	00	97	06	0	083	98	0	0	9	0	0	67	92
	Sargodha	000	0	1	00	00	97	03	0	089	86	0	0	9	0	1	68	94
	Lyallpur	000	0	0	00	00	96	00	0	090	88	0	0	9	0	0	63	92
Multan	Sahiwal	000	0	0	00	00	97	02	0	082	90	0	0	9	0	0	58	94
	Multan	000	0	0	36	01	94	00	0	103	92	0	0	9	0	0	63	92
	Leiah	...																
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	081	95	0	0	9	0	0	48	96
	Bahawalpur	000	0	0	00	00	96	00	0	094	94	0	0	9	0	0	70	99
	Fort Abbas	//	/	0	00	00	98	00	0	099	95	0	0	9	0	0	80	95
Peshawar	Chakdra	...																
	Peshawar	000	0	1	00	00	97	02	0	092	84	1	6	6	0	0	67	88
	Haripur	000	0	0	13	02	98	00	0	100	82	0	0	9	0	0	56	84
D. I. Khan	Bannu	000	0	3	02	02	98	02	0	091	84	1	2	7	4	0	60	88
	D. I. Khan	000	0	0	00	00	96	02	0	086	90	0	0	9	0	0	56	94
Quetta	Sibi	000	0	0	18	03	97	02	0	086	99	0	0	9	0	0	68	03
	Nokkundi	000	0	0	18	03	96	02	0	054	94	0	0	9	0	0	56	75
Kalat	Turbat	000	0	0	23	02	96	00	0	070	00	0	0	9	0	0	90	90
	Jiwani	000	0	0	13	07	96	02	0	106	84	0	0	9	0	0	73	86
	Pasni	000	0	0	25	12	97	02	0	106	87	0	0	0	0	0	74	88
Karachi division	Ormara	000	0	0	18	05	96	02	0	105	92	0	0	9	0	0	60	94
	Lasbela	///	0	3	00	00	98	00	0	089	02	0	0	8	0	0	62	04
	Karachi (Manora)	000	0	0	27	03	97	02	0	093	89	0	0	9	0	0	44	94
	Karachi (Airport)	000	0	0	27	05	96	02	0	085	98	0	0	9	0	0	44	01
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	099	99	0	0	0	0	0	//	04
	Chhor	000	0	0	27	02	95	02	0	083	98	0	0	9	0	0	53	04
	Hyderabad	000	0	2	27	00	97	03	0	086	00	2	0	9	0	0	45	06
	Badin	000	0	0	27	01	97	02	0	095	99	0	0	9	0	0	68	01
Khairpur	Padidan	000	0	0	18	07	97	02	0	086	98	0	0	9	0	0	91	01
	Nawabshah	000	0	0	18	05	96	01	0	086	00	0	0	9	0	0	48	03
	Sukkur	000	0	0	13	03	96	02	0	079	91	0	0	9	0	0	54	01
	Kashmore	...								...	...							
	Jacobabad	000	0	0	23	03	97	02	0	085	98	0	0	9	0	0	57	99
unagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *	...																
	Gulmarg **	...																
	Sonamarg **	...																
	Dras *	...																
	Leh **	...																
	Skardu *	...																
	Misgar **	...																
	Aliabad *	...																
	Gilgit *	...																
Rawalpindi	Murree *	...	...	..	...	...	..	...	...	...	...	...	..	...	...	...	...	..
Peshawar	Drosh *	000	0	5	31	03	98	02	0	505	68	3	1	7	6	0	41	77
	Chitral *	...																
	Kalam *	000	0	1	36	03	98	03	0	503	72	1	0	9	3	0	47	84
	Landikotal *	...																
	Prachinar *	000	0	5	36	03	99	03	1	511	70	5	8	6	6	0	40	73
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	479	82	0	0	9	0	0	52	82
	Wana *	000	0	2	00	00	97	00	0	506	80	2	0	9	3	0	51	82
Quetta	Fort Sandeman *	000	0	3	00	00	97	03	0	590	83	3	4	7	0	0	//	84
	Hindubagh *	000	0	6	29	03	95	03	0	487	73	6	2	5	0	0	47	75
	Loralai *	000	0	0	27	01	98	00	0	330	80	0	0	9	0	0	59	85
	Barkhan *	000	0	0	23	05	97	0	0	447	85	0	0	9	0	0	33	85
	Harnai *	000	0	0	00	00	96	02	0	487	83	0	0	0	0	0	43	91
	Samungli (Quetta) *	///	/	4	13	05	96	02	1	503	77	2	8	6	3	0	49	71
	Chaman *	000	0	0	31	03	97	00	0	498	82	0	0	9	0	0	38	8
	Nushki *	000	0	0	00	00	97	02	0	565	88	0	0	9	0	0	56	91
	Dalbandin *	000	0	2	23	02	97	04	0	514	91	3	0	9	2	0	31	95
Kalat	Kalat *	030	0	4	34	03	96	02	1	495	71	0	4	9	0	0	35	78
	Khuzdar *	...																
	Panjgur *	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...

Divisions	Stations	At 0300 Hrs. G.M.T., of date: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	4	0	18	02	97	00	4	141	80	0	0	9	0	0	72	73	—	—	—	—	—	—
	Cox's Bazar	000	0	0	36	04	97	03	0	124	82	0	0	9	0	0	78	70	+ 2	— 3	—	—	—	140
	Chittagong	000	0	0	00	00	96	02	0	130	41	0	0	9	0	0	70	70	+ 3	— 2	—	—	—	108
	Maidee Court	000	9	2	00	00	97	03	0	093	83	0	0	9	0	0	73	70	+ 3	— 1	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	119	82	0	0	9	0	0	73	73	+ 1	+ 2	—	—	—	94
	Brahmanbaria	000	0	0	13	02	97	00	1	131	84	0	0	9	0	0	72	72	—	—	44.1	— 9.0	53.8	70
	Sylhet	000	0	0	05	05	96	01	0	131	79	0	0	9	0	0	70	70	—	—	—	—	—	—
	Srimangal	000	0	0	36	02	96	00	0	134	80	0	0	9	0	0	67	65	—	—	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	135	82	0	0	9	0	0	75	71	—	7	0	62.1	— 6.0	77.3	91
	Narayanganj	000	0	0	31	02	97	00	0	135	88	0	0	9	0	0	72	75	—	0	+ 1	57.4	+ 5.1	80.8	74
	Dacca (Tejgaon)	000	4	0	00	00	96	05	/	125	84	0	0	9	0	0	72	72	—	—	—	—	—	—
	Faridpur	000	0	0	00	00	97	00	0	117	94	0	0	9	0	0	75	73	+ 3	+ 1	43.2	— 6.5	56.0	71
Khulna	Barisal	000	0	2	00	00	97	02	0	125	82	2	3	5	0	0	75	75	+ 5	+ 2	—	—	—	81
	Khulna	000	0	0	00	00	97	00	0	113	88	0	0	9	0	0	84	79	+ 1	—	—	—	—	68
	Satkhira	000	0	0	00	00	97	01	1	133	84	1	1	5	1	0	75	73	/	/	—	—	—	65
	Jessore	000	0	0	27	00	96	05	0	123	82	0	0	9	0	0	77	73	+ 5	/	—	—	—	65
Rajshahi	Pabna	000	0	0	13	02	98	02	0	122	84	0	0	9	0	0	73	72	—	—	—	—	—	59
	Sirajganj	000	0	0	00	00	98	00	0	125	82	0	0	9	0	0	70	72	+ 1	+ 1	—	—	—	64
	Rajshahi	000	0	0	13	02	97	02	0	129	82	0	0	9	0	0	67	72	+ 2	+ 1	43.5	—	56.2	—
	Bogra	000	0	0	00	00	96	02	0	130	80	0	0	9	0	0	77	70	+ 3	+ 1	42.3	—12.4	58.3	69
	Dinajpur	000	0	0	00	00	96	00	0	135	82	0	0	9	0	0	72	70	+ 3	0	72.7	+12.8	95.7	72
	Rangpur	000	0	0	00	00	96	01	0	130	80	0	0	9	0	0	72	70	—	+ 1	66.4	— 0.0	86.0	84
* Kashmir	Jammu																							—
Lahore	Lahore (Met Rd.)	000	0	8	31	02	96	02	0	107	73	0	0	9	0	0	60	67	— 4	+ 9	13.3	— 1.4	17.8	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	0	31	02	97	02	0	104	75	0	0	9	0	0	54	63	—	—	23.8	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	99	00	0	117	67	0	0	9	0	0	54	58	— 1	+ 2	20.1	— 3.0	30.1	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	103	70	0	0	9	0	0	63	65	— 2	+ 3	—	—	—	15
	Sargodha	000	0	0	00	00	96	00	0	105	70	0	0	9	0	0	67	63	—	—	14.8	—	20.4	—
	Lyallpur	000	0	0	00	00	96	00	0	097	72	0	0	9	0	0	63	65	— 3	+ 4	4.6	— 4.6	7.7	12
Multan	Sahiwal	000	0	0	00	00	96	04	0	113	79	0	0	9	0	0	60	65	0	+ 3	8.3	+ 3.3	11.3	10
	Multan	000	0	0	18	01	92	03	0	115	72	0	0	9	0	0	67	65	—	—	—	—	—	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	106	73	0	0	9	0	0	58	61	+ 1	+ 2	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	03	0	111	70	0	0	9	0	0	58	67	/	+ 6	—	—	—	6
	Fort Abbas	...																	—	/				8
Peshawar	Chakdra	000	0	0	05	03	98	02	0	120	60	0	0	9	0	0	54	59			8.2	—	17.6	—
	Peshawar	000	0	0	00	00	98	02	0	117	70	0	0	9	0	0	58	63	+ 1	+ 3	—	—	—	11
	Haripur	000	0	0	05	03	98	00	0	129	70	0	0	9	0	0	56	58	—	—	9.6	—	19.7	—
D. I. Khan	Bannu	000	0	0	00	00	96	02	0	110	72	0	0	9	0	0	63	68	+ 1	+ 7	3.5	— 2.0	6.0	11
	D. I. Khan	000	0	0	00	00	96	00	0	124	70	0	0	9	0	0	68	69	—	—	0.2	—	0.2	9
Quetta	Sibi	000	0	0	18	03	97	02	0	117	72	0	0	9	0	0	49	66	—	—	0.0	—	0.3	5
	Nokkundi	000	0	0	00	00	97	02	0	130	73	0	0	9	0	0	42	16	—	—	0.2	—	0.2	2
Kalat	Turbat	000	0	0	05	02	96	01	0	134	73	0	0	9	0	0	71	70	—	—	—	—	—	—
	Jiwani	000	0	0	25	04	97	02	0	138	68	0	0	9	0	0	66	42	— 4	— 25	0.0	— 0.8	0.0	3
	Pasni	000	0	0	06	00	96	02	0	143	73	0	0	9	0	0	63	//	—	/	0.0	— 0.8	0.6	4
Karachi division	Ormara	000	0	0	00	00	98	01	0	130	76	0	0	8	0	0	51	59	—	—	0.7	—	0.7	4
	Lasbela	///	0	2	00	00	98	00	0	113	80	0	0	9	0	0	53	77	+ 6	+ 4	1.0	— 5.0	1.1	8
	Karachi (Manora)	000	0	0	00	00	96	02	0	110	77	0	0	9	0	0	50	74	—	—	1.5	—	1.5	—
	Karachi (Airport)	000	0	0	05	02	97	02	0	131	84	0	6	6	6	0	84	84	—	—	0.1	—	0.1	—
Hyderabad	Nagarparker	000	0	0	00	00	97	02	0	125	79	2	0	9	3	0	51	68	—	—	—	—	—	7
	Chhor	000	0	0	00	00	97	02	0	121	81	0	0	9	0	0	54	77	+ 8	+ 7	0.2	— 5.8	0.3	9
	Hyderabad	000	0	0	02	01	97	02	0	107	75	0	0	9	0	0	60	74	—	+ 6	0.3	— 6.8	0.3	—
	Badin																							—
Khairpur	Padidan	000	0	0	00	00	96	01	0	123	75	0	0	9	0	0	58	59	—	—	1.0	—	1.1	4
	Nawabshah	000	0	0	13	02	95	05	0	116	79	0	0	9	0	0	63	72	—	—	0.1	—	0.1	—
	Sukkur	000	0	0	00	00	//	03	0	037	83	0	0	9	0	0	64	00	—	—	—	—	—	4
	Kashmore	//	/	0	00	00	97	02	0	121	75	0	0	9	0	0	62	71	+ 2	+ 7	2.4	— 0.2	2.7	30
	Jacobabad	000	0	0	00	00	97	02	0	546	52	0	0	9	0	0	30	45	4 4	+ 6	0.8	— 0.3	3.2	—
unagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							—
	Dras *																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	36	02	98	00	0	510	58	0	0	9	0	0	34	50		+ 1	—	—	—	18
Peshawar	Drosh *	000	0	3	00	00	98	00	0	541	54	0	0	9	0	1	40	48	—	— 4	—	—	—	29
	Chitral *	0 0	0	0	36	03	98	00	0	505	65	0	0	9	0	0	47	//	—	/	—	—	—	—
	Kalam *	000	0	0	31	05	98	02	0	504	65	0	0	9	0	0	43	56	—	—	19.3	—	30.0	—
	Landikotal *	000	0	0	36	02	98	02	0	568	63	0	0	9	0	0	52	53	—	—	2.2	—	12.6	29
	Prachinar *	...																	— 1	—				13
D.I. Khan	Miranshah *	000	0	0	05	00	99	00	0	507	67	0	0	9	0	0	48	60	—	—	—	—	—	11
	Wana *	000	0	0	00	00	99	00	0	498	60	0	0	9	0	0	//	52	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	27	02	97	02	0	514	61	0	0	9	0	0	35	56	+ 7	+ 7	2.2	— 5.0	6.5	—
	Hindubagh *	000	0	0	27	02	97	02	0	541	48	0	0	9	0	0	//	35	—	—	3.0	—	6.0	9
	Loralai *	000	0	0	27	00	97	00	0	390	55	0	0	9	0	0	49	45	—	—	0.6	—	—	—
	Barkhan *	000	0	0	31	00	97	02	0	485	67	0	0	9	0	0	43	62	—	—	—	—	—	14
	Harnai *	///	/	0	//	//	97	02	0	496	63	0	0	0	0	0	39	88	—	—	4.0	— 3.7	5.6	9
	Samungli (Quetta) *	000	0	0	00	03	96	02	0	557	58	0	0	9	0	0	38	56	—	—	—	—	—	8
	Chaman *	080	0	0	09	03	97	00	0	528	60	0	0	9	0	0	41	60	—	+ 8	2.1	+ 1.7	4.8	—
	Nushki *	///	/	0	07	03	97	02	0	591	75	0	0	9	0	0	48	71	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	523	63	0	0	9	0	0	20	52	+ 8	+ 3	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	1	06	03	93	02	0	546	52	0	0	9	0	0	30	45	4 4	+ 6	0.8	— 0.3	3.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	532	67	0	0	9	0	0	//	59	—	—	1.9	—	3.2	5
	Panjgur *	000	0	0	05	02	96	02	0	523	61	0	0	9	0	0	35	57		+ 3	0.8	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 21st OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{ww}T$	3$P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sitala	99 2 41	10 5 92	20 1 23	00 9 05 /	58 0 00	14 0 29	00 0 00	...	73 4 00		05 2 24	31 1 00	30 1 01	...
Dwarka	99 2 46	10 6 55	19 1 83	02 2 88	58 0 20	09 5 26	00 9 00	23 1 04	...		...	...	30 2 02	22 1 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	012 203 57	...	440 144 61	147 096 63	585 103 58	754 191 62	944 287 63	239 523 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 08	078 250 28	...	500 200 59	126 024 /	576 145 / /	741 271 / /	838 321 / /	223 441 / /	...	...	...	...	...
Multan ...	00 00	996 200 40	...	700 214 66	156 110 44	597 125 / /	750 [illegible] / /	...	...	...	...	...	...	...
Peshawar ...	00 00	971 176 44	...	430 184 55	114 056 47	578 101 / /	776 237 / /	021 309 49	222 523 / /	...	...	...	...	...
Quetta ...	00 00	824 138 60	...	...	143 040 / /	576 205 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	996 224 34	...	680 184 58	721 050 50	593 105 / /	761 211 / /	960 341 / /	243 475 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_sDD									Max. Wind Speed	TROPOPAUSE
											$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_tP_tP_tT_tT_{tt}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 08	900 194 61	800 096 58	600 014 40	...	—	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	..	...	—	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	—	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 152 / /	600 077 / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	—	...	...	—	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. * of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	250 06	250 03	250 04	320 08	290 10	280 12	250 18	..	260 23	260 06	248 03	250 02	315 07	300 08	278 12	325 02	335 03	335 03	345 04	310 09	260 14	260 25	245 23	249 30	...	...
Bogra ...	250 07	230 05	230 04	180 02	290 84	290 09	...	...	...	075 04	360 02	330 06	315 07	315 04	270 13	060 04	360 05	360 07	005 05	...	...	...	...	...	...	...
Chaklala ...	...	295 10	310 09	310 09	315 10	320 12	290 17	290 15	290 18	...	240 06	240 04	265 06	315 05	305 08	...	270 04	315 06	320 04	310 08	260 07	305 09	310 08	300 18	...	...
Chhor ...	260 02	250 04	185 04	150 04	080 03	185 05	280 18	292 4/	300 33	330 11	315 09	295 05	220 04	185 07	105 05	015 08	150 09	320 06	240 05	205 06	195 06	320 09	325 19	315 19	...	...
Chittagong ...	335 07	225 04	/// / /	150 01	265 02	255 06	...	...	...	...	...	...	...	...	...	340 03	035 02	310 02	315 05	270 10	230 13	220 18	225 21	240 3/	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	010 11	005 11	335 10	335 18	310 19	...	360 19	360 17	010 15	360 17	360 17	360 12	250 18	251 24	250 23	...	—
Dacca ...	330 02	360 02	265 03	265 02	300 04	300 09	290 18	...	...	...	...	...	...	...	...	080 06	115 06	030 04	350 03	310 05	315 15	255 27	255 31	255 33	...	...
Dalbandin ...	...	...	155 02	100 06	150 05	140 03	101 6/	345 02	315 20	...	...	335 10	280 10	260 15	245 20	...	...	230 01	240 11	325 11	140 06	345 10	025 09	120 12	...	...
D. I. Khan ...	140 04	125 06	125 07	135 08	130 03	270 11	285 27	285 25	280 39	...	...	...	...	...	...	185 02	210 08	265 03	290 06	300 12	335 14	315 12	295 16	275 10	280 13	290 43
Drosh ...	...	..	...	145 03	225 04	250 04	300 05	...	...	...	...	340 35	005 00	035 02	075 04	...	...	...	080 01	035 09	355 13	345 03	305 03	...	...	...
Fort Sandeman ...	..	...	...	202 02	250 04	245 06	280 13	290 21	290 2/	...	...	...	230 03	240 09	320 25	...	...	...	220 06	200 06	335 09	325 17	330 15	340 19	...	—
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	275 01	275 04	305 08	...	...	...	...	...	...	...	...	...	...	..
Ishurdi ...																									...	...
Jacobabad ...	235 08	230 09	225 09	195 13	170 13	095 09	315 08	305 14	275 21	175 06	225 10	275 06	270 10	355 04	055 05	360 04	330 08	310 06	310 02	345 03	020 07	030 10	015 06	315 08	...	.
Jessore ...	285 04	285 04	265 03	290 07	290 02	300 14	...	...	...	265 09	260 06	270 05	340 05	3 5 7/	255 11	035 01	340 01	330 01	330 02	...	...	...	...	...	...	...
Jhelum ...	185 11	300 09	300 08	325 12	331 4/	330 13	315 08	300 19	295 18	310 23	315 23	310 09	290 13	360 13	245 08	325 11	310 18	310 22	310 30	315 28	315 16	285 21	300 05	320 21	...	...
Jiwani ...	120 12	085 10	150 07	040 16	060 24	060 26	/// / /	250 0/	265 05	075 06	070 07	113 09	090 13	075 17	060 10	050 18	080 16	080 15	155 13	065 41	050 39	100 04	280 23	280 33	...	.
Karachi ...	300 07	290 05	290 02	170 05	160 08	215 08	255 07	203 15	300 18	...	...	...	...	...	...	345 09	325 05	280 05	210 03	205 09	005 04	305 06	280 09	290 14	...	...
Khanpur ...	335 06	310 08	310 13	260 19	255 15	205 10	180 03	340 0/	...	220 04	215 04	230 05	240 07	250 18	225 15	250 12	250 18	260 22	270 29	265 49	230 40	235 39	285 28	275 20	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	295 03	335 07	023 05	055 05	080 04	280 04	300 16	295 15
Lahore ...	315 15	320 13	320 15	310 18	315 18	300 16	280 11	/// / /	295 19	310 11	320 87	315 17	300 15	290 21	310 27	300 07	305 08	305 10	310 16	295 19	300 21	315 81	315 15	...	...	...
Multan ...	115 13	100 09	160 05	245 07	250 08	295 17	320 15	305 22	305 29	145 07	190 33	230 03	230 06	235 09	280 11	160 06	160 05	270 06	270 16	280 23	390 11	295 22	280 22	280 19	...	...
Nawab Shah ...	215 05	210 05	235 04	230 08	240 08	225 07	290 27	...	...	270 12	285 12	270 11	240 09	205 08	195 07	260 07	285 11	260 10	245 10	130 10	010 07	315 14	300 20	295 34	.	...
Nokkundi ...	...	...	136 10	130 07	130 07	125 06	...	...	...	...	...	090 05	110 07	155 09	140 03	...	...	080 09	125 04	170 09	150 11	060 11	055 13	190 17	...	...
Panjgur ...	...	...	...	140 07	135 04	095 00	095 09	085 03	325 08	...	...	...	050 07	345 05	320 07	...	...	...	185 05	180 10	135 11	075 13	010 05	035 05	...	.
Peshawar ...	...	130 02	140 02	285 03	/// / /	275 19	/// / /	300 21	300 19	...	070 04	350 02	320 06	275 09	280 12	...	050 03	320 03	315 23	290 27	290 29	320 16	315 15	290 15	...	...
Parachinar ...	...	...	...	245 01	150 08	...	285 21	...	...	...	...	...	240 01	...	...	...	...	...	340 06	220 04	285 17	300 13	...	295 17	...	...
Quetta ...	...	...	...	...	225 02	265 05	290 10	315 17	315 30	...	...	...	...	...	...	...	...	...	...	280 03	305 13	345 08	310 12	320 15	...	...
Sargodha ...	350 06	330 05	325 07	310 11	305 15	290 18	300 29	300 31	300 28	265 17	285 16	300 19	205 14	280 13	305 15	265 08	295 11	305 10	300 08	330 08	315 15	295 15	290 14	...	...	...
Skardu ...	...	...	...	010 04	/// / /	230 04	185 03	265 11	255 07	...	...	...	...	...	...	...	...	...	075 04	/// / /	135 06	055 06	290 10	230 04	...	.
Sylhet ...	...	...	..	No	Ascent	...	..	...	...	...	...	...	...	...	...	130 02	110 02	115 04	075 04	..	...	...	...	...	...	...
Veraval ...	...	...		...	...	.	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	350 05	345 05	320 06	250 12	235 09	230 15	250 19	230 25	230 21	...	...	...	...	...	...			
Dacca ...	095 05	080 03	325 01	...	270 07	...	230 19	...	230 35	...	...	...	...	...	...	...		
Gilgit ...																		
Jiwani ...																		
Karachi ...	180 15	300 13	300 10	210 03	235 08	065 08	045 12	320 09	290 13	...	...	...	...	...	...	...	...	...
Multan ...	165 12	245 12	300 12	250 13	300 8/	285 09	270 14	275 23	275 24	...	...	...	...	...	...			
Peshawar ...	...	260 04	180 01	055 07	055 13	360 28	265 27	305 40	275 20	.	...	..	...	...	...			
Quetta ...																		
Sargodha ...	290 01	290 04	290 08	3 5 14	335 13	305 15	315 22	315 12	305 17	...	—	...	...	..	...			

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

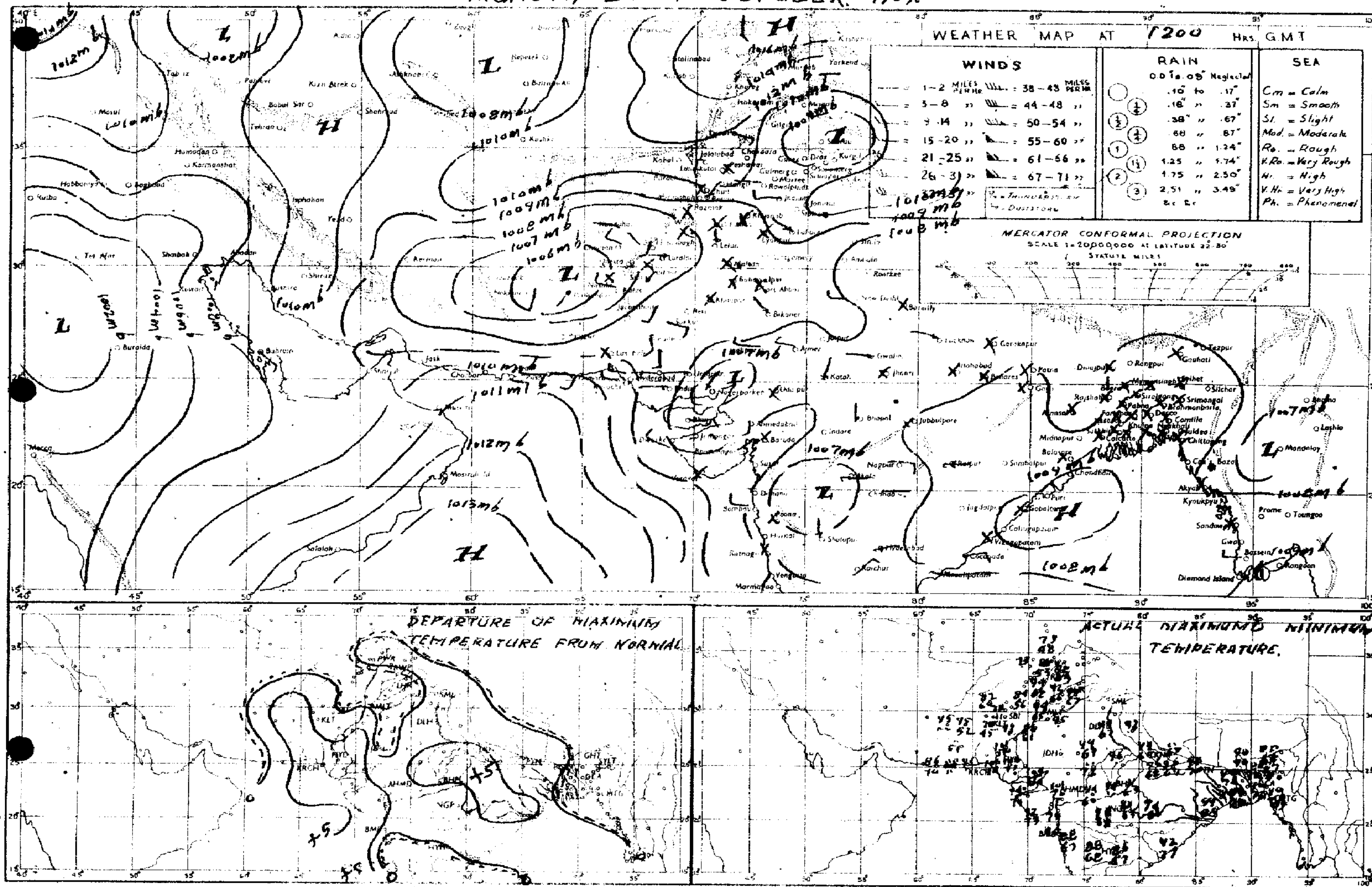
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

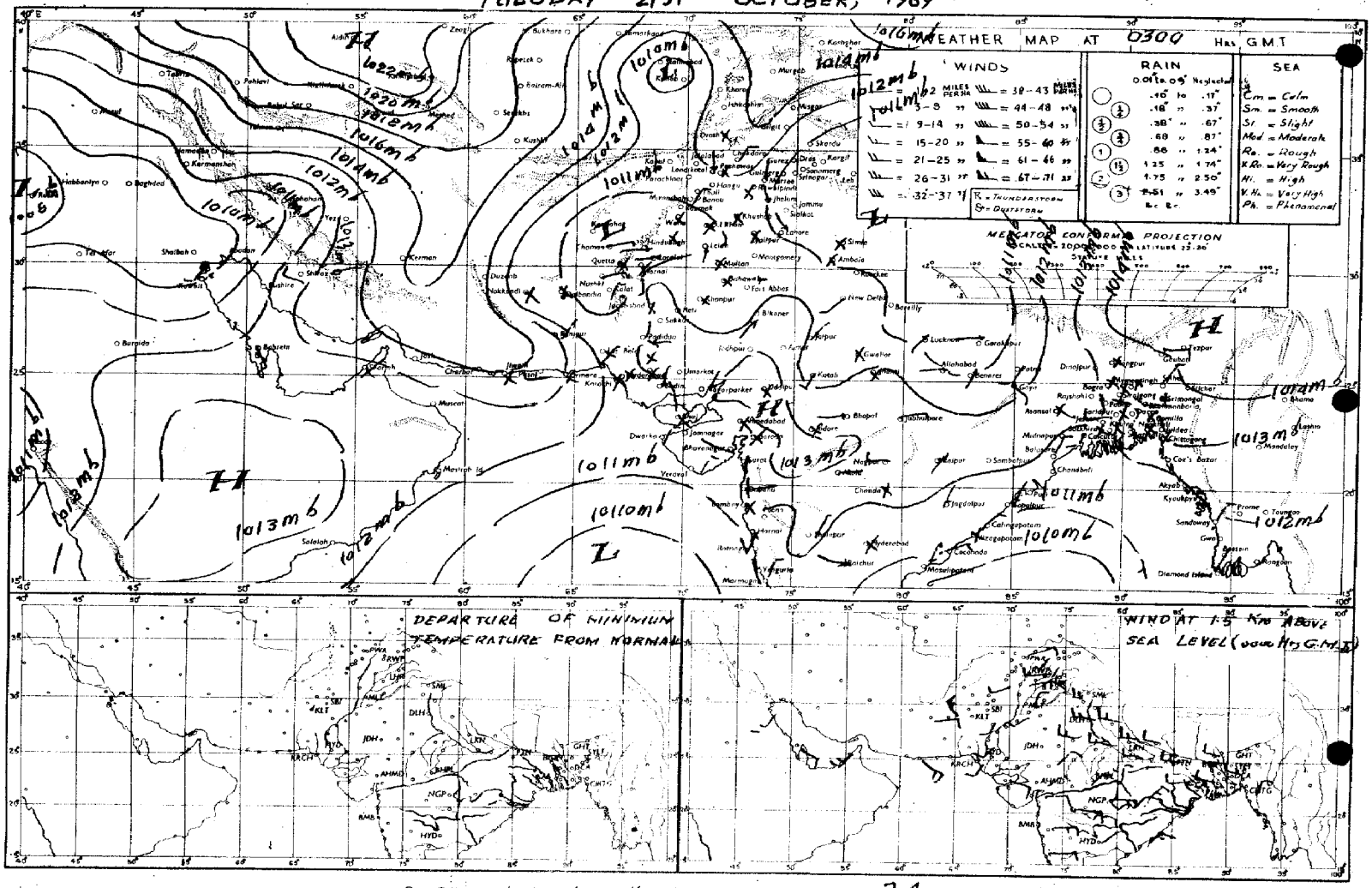
MONDAY 20TH OCTOBER 1969.



… indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 21ST OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 22nd OCTOBER 1969.

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

Observations lacking but believe yesterday's depression moved north west wards and was centred at 21,1200 G.M.T. with in half a degree of latitude 11 °N and longitude 82 °E. Observation again lacking but believe it moved further north west wards, rapidly intensified into a cyclonic storm of small extent and is centred at 22,0300 G.M.T. within a half degree of latitude 12 °N and longitude 81 °E. It is likely to intensify further and move north-north west wards. Yesterday's westerly low pressure wave is now moving across north of Kashmir. Weather remained dry over the country.

Day temperatures were 9—13 °F (5—7 °C) above normal in Karachi and Hyderabad division and 3—8 °F (2—4 °C) so elsewhere in the country outside Lahore, Sargodha, D. I. Khan and Khairpur divisions and were 3 °F (2 °C) below normal in Lahore and Sargodha divisions.

Forecast valid until the evening of 23rd October 1969 :—A few thunderstorms/showers may occur in Chittagong, Peshawar, Rawalpindi divisions and Kashmir. Weather is likely to remain dry elsewhere in the country.

Karachi-11
The 22nd October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low 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 † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	36	02	96	00	0	088	82	0	0	9	0	0	70	90	000	0	6	36	02	97	02	1	129	77	4	4	6	7	0	73	74	—	—	—	—	—	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	09	03	96	CS	2	116	29	1	2	5	3	1	72	70		— 3	—	—	—	140
	Chittagong	000	0	1	10	00	96	02	0	084	80	1	0	9	0	0	72	87	000	0	7	00	00	96	02	2	122	71	2	5	4	3	0	70	71	4 1	— 1	—	—	—	108
	Maijdee Court	000	9	0	00	00	98	00	0	061	87	0	0	9	0	0	86	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5		—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	083	82	0	0	9	0	0	78	90	000	0	0	00	00	96	02	0	120	88	0	0	9	0	0	72	72	+ 3	+ 1	—	—	—	94
	Brahmanbaria	000	0	2	00	00	96	02	1	082	85	2	0	9	2	0	72	87	000	0	4	05	02	96	03	1	122	81	4	0	9	4	0	73	71	—	—	44.1	— 9.2	53.8	78
	Sylhet	000	0	0	00	00	//	01	0	078	80	0	0	9	0	0	73	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Srimangal	000	0	0	00	00	//	00	0	089	77	0	0	9	0	0	73	87	000	0	4	00	00	96	02	0	122	79	0	0	9	7	2	73	65	— 2	— 4	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	088	82	0	0	9	0	0	73	86	000	0	0	00	00	97	00	0	127	82	0	0	9	0	0	70	70	0	0	62.1	— 2.1	77.3	91
	Narayanganj	000	0	0	00	00	//	00	0	085	82	0	0	9	0	0	70	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					74
	Dacca (Tejgaon)	000	0	0	00	00	96	01	0	083	82	0	0	9	0	0	70	90	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Faridpur	000	0	0	00	00	95	00	0	080	85	0	0	9	0	0	70	90	000	0	4	00	00	97	01	1	114	79	4	4	6	0	0	72	70	+ 4	— 2	43.2	— 6.6	56.8	71
Khulna	Barisal	000	0	3	00	00	95	02	0	084	82	2	4	5	0	8	76	91	000	0	5	09	03	97	02	2	116	82	2	8	5	5	1	77	76	+ 4	+ 3	—	—	—	81
	Khulna	000	0	0	00	05	97	00	0	091	87	0	0	9	0	0	82	91	000	0	0	00	00	97	00	0	///	68	0	0	9	0	0	82	79	—	—	—	—	—	88
	Satkhira	000	0	4	00	00	97	02	1	083	85	4	4	9	1	1	85	95	000	0	2	00	00	97	01	1	129	84	3	1	7	1	1	72	//	—	/	—	—	—	65
	Jessore	000	0	0	00	00	97	02	1	081	82	0	0	9	0	0	72	90	000	0	3	05	05	96	02	0	118	84	3	0	9	3	0	67	72	+ 3	0	—	—	—	65
Rajshahi	Pabna	000	0	0	00	00	97	02	0	083	82	0	0	9	0	0	64	90	000	0	0	05	02	99	02	0	119	84	0	0	9	0	0	72	72	—	—	—	—	—	59
	Sirajganj	000	0	0	00	00	97	00	0	074	82	0	0	9	0	0	67	87	000	0	0	00	00	98	00	0	120	82	0	0	9	0	0	70	72	+ 1	+ 1	—	—	—	64
	Rajshahi	000	0	0	36	02	96	02	0	085	82	0	0	9	0	0	67	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					
	Bogra	000	0	0	00	00	//	02	0	085	82	0	0	9	0	0	72	87	000	0	0	00	00	96	02	0	116	82	0	0	9	0	0	70	70	+ 1	— 1	42.3	—10.5	58.3	69
	Dinajpur	000	0	0	00	00	95	00	0	079	86	0	0	9	0	0	72	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					72
	Rangpur	000	0	0	00	00	96	01	0	070	82	0	0	9	0	0	76	90	000	0	0	00	00	96	01	0	132	82	0	0	9	0	0	72	70	+ 4	— 1	66.4	— 0.1	86.0	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Salt Rd.)	000	0	0	00	00	96	02	0	070	90	0	0	9	0	0	60	91	000	0	0	16	02	96	02	0	091	73	0	0	9	0	0	59	65	— 3	— 3	13.3	— 1.4	17.8	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	0	31	02	97	02	1	060	90	0	0	9	0	0	54	55	000	0	0	00	00	97	02	0	100	69	0	0	9	0	0	58	62	—	—	23.8	—	31.2	—
	Islamabad																																								—
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	103	65	0	0	9	0	0	54	58		+ 2	20.1	— 3.8	30.1	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	062	87	0	0	9	0	0	76	91	000	0	0	27	11	97	00	0	089	69	0	0	9	0	0	64	65	— 3	+ 2	—	—	—	15
	Sargodha	000	0	0	00	00	97	02	0	064	87	0	0	9	0	0	67	95	000	0	0	03	08	96	04	0	088	73	0	0	9	0	0	62	62	— —	—	—	—	—	—
	Lyallpur	000	0	0	00	00	96	00	0	058	90	0	0	9	0	0	64	93	000	0	0	00	00	96	00	0	077	73	0	0	9	0	0	60	64	0	+ 3	4.6	— 4.6	7.7	12
Multan	Sahiwal																																								10
	Multan	000	0	0	00	00	97	02	0	062	91	0	0	9	0	0	60	98	000	0	0	00	00	96	05	0	074	70	0	0	9	0	0	55	63	+ 4	+ 1	8.3	+ 3.3	11.3	7
	Laiah	000	0	0	18	02	94	00	0	087	91	0	0	9	0	0	56	91	000	0	0	08	01	92	03	0	112	73	0	0	9	0	0	64	64	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	071	93	0	0	9	0	0	54	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	101	69	0	0	9	0	0	56	65	—	+ 4	—	—	—	6
	Fort Abbas	///	/	0	23	02	98	00	0	066	98	0	0	9	0	0	93	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdara	000	0	0	36	02	98	02	0	053	69	0	0	9	0	0	34	84	000	0	0	03	00	98	02	6	094	60	0	0	9	0	0	51	56	—	—	8.2	—	17.6	—
	Peshawar	000	0	0	00	00	97	02	0	063	87	1	1	6	3	0	64	90	000	0	1	00	00	97	02	0	096	67	1	0	9	3	0	55	61	+ 3	+ 1	—	—	—	11
	Kohat	000	0	0	23	02	98	00	0	060	85	0	0	9	0	4	59	87	000	0	0	05	03	98	00	0	116	71	0	0	9	0	0	53	58	—	—	9.6	—	19.7	—
D. I. Khan	Bannu	000	0	0	05	01	99	00	0	056	86	1	0	9	0	0	64	91	000	0	0	27	01	99	00	0	091	65	0	0	9	0	0	59	64	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	96	02	0	057	91	0	0	9	0	0	76	95	000	0	0	00	00	96	02	0	084	//	0	0	9	0	0	65	//	+ 2	/	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	079	00	0	0	9	0	0	62	02	000	0	0	36	03	97	00	0	107	68	0	0	9	0	0	58	65	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	05	02	97	C2	0	074	93	0	0	9	0	0	49	96	000	0	0	00	C0	97	02	0	115	73	0	0	9	0	0	40	71	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	18	02	96	C0	0	091	98	0	0	9	0	0	37	98	000	0	0	07	02	96	00	0	004	71	0	0	9	0	0	43	71	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	97	02	0	114	85	0	0	9	0	0	71	91	000	0	0	36	05	97	02	0	125	70	0	0	9	0	0	69	69	—	—	—	—	—	8
	Pasni	000	0	0	25	10	97	02	0	115	92	0	0	0	0	0	66	98	000	0	0	30	14	97	02	0	118	71	0	0	0	0	0	59	41	+ 6	—	0.0	— 0.8	0.0	4
Karachi division	Ormara	000	0	0	27	09	96	02	0	108	93	0	0	9	0	0	30	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— /					6
	Lasbela	///	0	2	00	00	98	C0	0	C82	C4	0	0	8	0	0	50	06	///	0	0	C0	00	98	C0	0	107	76	0	0	8	0	0	50	57	—	—	0.7	—	0.7	8
	Karachi (Mauora)	000	0	0	27	C5	97	02	0	090	90	0	0	9	0	0	71	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 13					8
	Karachi (Airport)	000	0	1	27	07	97	01	0	088	99	0	0	9	3	0	57	03	000	0	0	00	00	96	02	0	104	80	0	0	9	0	0	69	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	//	//	/	119	90	0	0	0	0	0	99	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	0	10	02	96	02	0	092	75	0	0	0	0	0	56	65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	0	25	05	97	02	0	081	00	0	0	9	3	0	54	05	000	0	0	00	C0	97	C2	0	075	79	0	0	9	0	0	55	72	+ 7	+ 2	—	—	—	9
	Badin	000	0	0	31	02	97	02	0	C91	03	0	0	9	0	0	65	04	000	0	0	27	02	97	02	0	097	74	0	0	9	0	0	59	73	+ 9	+ 5	—	—	—	—
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	33	02	97	01	0	093	75	0	0	9	0	0	58	64						4
	Nawabshah	000	0	0	27	09	96	C2	0	080	00	0	0	9	0	0	45	03	C03	0	0	00	00	96	02	0	087	84	0	0	9	0	0	53	66	—	—	1.0	—	1.1	—
	Sukkur	000	0	0	13	02	96	02	0	074	97	0	0	9	0	0	54	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Kashmore	000	0	0	23	03	98	C2	0	C83	01	0	0	9	0	0	67	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Junagadh	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	02	97	02	0	086	75	0	0	9	0	0	59	70		+ 6	2.4	— 0.2	2.7	26
	Veraval																																								—
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	490	63	0	0	9	0	0	40	70	000	0	0	27	03	98	00	0	496	58	0	0	9	0	0	40	50	+ 5	+ 1	—	—	—	18
Peshawar	Drosh *	000	0	5	00	00	97	03	1	481	72	0	0	/	/	/	45	81	000	0	0	03	C0	98	02	1	510	58	0	0	9	0	0	40	54	+ 5	+ 2	—	—	—	29
	Chitral *	000	0	0	36	02	98	00	0	493	76	0	0	9	0	0	41	80	000	0	0	36	13	98	00	0	496	64	0	0	9	0	0	41	//	+ 4	/	—	—	—	—
	Kakul *	000	0	1	36	03	98	03	0	480	72	0	0	9	0	0	45	76	000	0	0	03	03	98	02	0	490	62	0	0	9	0	0	49	59	—	—	19.3	—	30.0	—
	Landikotal *	000	0	0	36	02	98	02	0	547	80	0	0	9	0	0	54	85	000	0	0	31	05	98	02	0	549	73	0	0	9	0	0	49	51	—	—	2.2	—	12.6	29
	Peshawar *	000	0	2	13	03	98	03	0	496	73	2	3	6	0	1	35	77	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	495	//	0	0	9	0	0	49	87	000	0	0	05	05	99	00	0	492	75	0	0	9	0	0	52	64	—	—	—	—	—	11
	Wana *	000	0	0	00	00	99	00	0	495	96	0	0	9	0	0	//	87	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	486	83	0	0	9	0	0	//	84	000	0	0	18	02	97	02	0	499	60	0	0	9	0	0	//	40	+ 2	— 11	2.2	—	6.5	—
	Hindubagh *	000	0	0	23	05	94	05	0	465	76	0	0	9	0	0	45	77	000	0	0	00	00	97	02	0	537	51	0	0	9	0	0	21	35	—	—	3.0	—	6.0	9
	Loralai *	000	0	0	27	02	91	00	0	391	82	0	0	9	0	0	91	87	000	0	0	18	02	//	00	0	491	55	0	0	9	0	0	35	//	—	—	—	—	—	—
	Barkhan *																																				/				14
	Harnai *	000	0	0	00	00	96	02	0	495	89	0	0	0	0	0	39	90	000	0	0	00	00	96	02	0	461	65	0	0	0	0	0	33	//	—	/	4.0	— 3.7	5.6	9
	Samungli (Quetta) *	000	0	0	31	09	97	02	0	516	76	0	0	9	0	0	39	78	000	0	0	00	00	96	02	1	527	62	0	0	9	0	0	44	//	—	/	—	—	—	8
	Chaman *	000	0	0	27	05	97	00	0	521	83	0	0	9	0	0	40	85	000	0	0	13	03	97	00	0	495	64	0	0	9	0	0	45	61	+ 6	— 9	2.1	+ 1.7	2.5	—
	Nushki *	000	0	0	31	03	97	02	0	565	87	0	0	9	0	0	80	95	000	0	0	07	03	97	02	1	561	73	0	0	9	0	0	35	70	—	—	0.5	—	2.6	5
	Dalbandin *	000	0	0	18	02	97	02	0	528	91	0	0	9	0	0	82	93	000	0	0	00	00	97	02	0	512	00	0	0	9	0	0	//	53	+ 6	+ 4	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	//	/	505	70	0	0	9	0	0	58	76	000	0	0	16	03	97	02	0	526	52	0	0	9	0	0	33	44	+ 2	+ 5	0.8	— 0.5	2.2	—
	Khuzdar *																		000	0	0	00	00	96	02	0	504	65	0	0	9	0	0	50	66	—	—	1.8	—	3.2	5
	Panjgur *	000	0	0	00	00	96	02	0	533	89	0	0	9	0	0	48	91	000	0	0	00	00	96	02	0	515	64	0	0	9	0	0	40	57	+ 5	+ 3	—	—	0.2	—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_R t_R t_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Isocardia	99 1 92	10 5 96	21 1 23	10 3 05	98 0 20	10 0 28	...	...			00 6 08	14 6 05	...	12 0 08
Dwarka	99 2 37	10 6 74	21 1 84	02 4 08	98 0 20	10 0 26	00 9 00	44 4 05			00 0 24	...	...	...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPo $_o$ ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	067 256 58	...	450 174 24	101 048 32	577 105 / /	751 231 / /	027 309 37	123 481 / /	...	...	...	...	...
Multan ...	00 00	992 174 41	...	400 200 60	102 104 72	583 101 / /	750 191 / /	958 314 / /	237 431 / /	...	...	...	...	...
Peshawar ...	00 00	967 164 26	...	450 184 45	088 090 41	577 125 / /	735 243 / /	946 385 / /	218 489 / /	...	...	...	...	...
Quetta ...	00 00	822 152 60	...	...	136 103 46	880 003 66	764 075 / /	984 150 / /	...	...	...	...	...	...
Sargodha ...	00 00	994 210 40	...	855 170 56	199 034 50	585 121 / /	753 215 / /	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT $_a$ DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{ac}T_{ac}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00												
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	820 169 59	600 051 60	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	080 04	300 02	300 02	335 04	300 50	270 18	250 18	235 29	240 39	065 03	058 04	020 55	348 09	340 11	...	075 02	030 02	330 03	...	304 02	...	...	...	...	...	...
Bogra ...	260 01	060 02	060 04	090 09	040 06	245 06	271 27	260 25	250 33	040 07	351 06	050 04	070 06	020 02	255 08	050 03	035 04	035 06	056 10	080 12	095 03	250 24	255 19	250 20	...	...
Chaklala ...	...	290 03	315 01	310 03	315 03	315 05	300 09	290 17	300 18	...	090 06	135 05	330 08	315 07	325 09	...	130 02	225 04	305 12	300 23	265 14	280 15	285 75	300 22	...	...
Chhor ...	230 07	245 05	260 06	270 08	275 09	270 06	291 29	290 12	285 18	270 27	270 12	270 18	270 17	275 15	293 13	260 2/	240 14	240 17	250 18	260 11	330 08	280 09	300 12	285 20	...	...
Chittagong ...	350 06	330 07	/// / /	350 03	280 04	240 15	...	...	...	...	...	...	...	...	...	035 07	360 09	340 09	330 08	320 06	...	...	...	...	...	...
Cheraf ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010 05	020 07	025 08	050 07	075 10	...	...	...	...	...	...
Dacca ...	030 03	345 04	345 04	295 03	355 03	290 99	270 24	270 29	265 25	...	...	...	...	...	...	108 04	260 01	290 02	185 03	250 04	270 06	245 27	250 31	245 35	...	...
Dalbandin ...	...	...	235 53	310 04	290 06	015 09	280 09	280 17	285 29	...	...	100 04	055 07	060 11	040 15	...	...	085 04	061 07	020 08	021 51	015 27	280 91	340 21	...	...
D. I. Khan ...	145 06	150 08	150 10	165 12	215 08	285 06	280 15	285 28	280 31	100 07	160 09	180 09	230 07	215 11	220 11	070 06	095 08	050 07	055 05	310 11	335 08	285 13	280 13	270 14	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	010 01	020 03	101 05	...	...	...	030 03	010 06	035 18	015 05	...	350 13	340 23	...
Fort Sandeman ...	...	...	...	030 01	295 09	251 21	295 17	305 22	310 17	...	...	...	225 06	210 06	345 16	...	...	...	270 04	285 08	325 16	345 19	320 15	...	...	...
Gilgit ...	...	...	...	245 04	270 04	265 03	310 03	...	055 02	...	...	...	280 03	267 03	285 03	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	275 03	245 05	270 06	320 06	337 07	321 01	305 08	305 15	305 23	200 12	240 13	260 11	321 41	340 12	345 12	315 14	331 15	335 19	335 23	340 25	335 19	325 13	310 07	305 06	...	...
Jessore ...	070 06	055 05	025 04	320 03	335 07	275 15	...	...	...	...	...	...	...	...	...	360 03	355 04	350 04	345 13	363 06	305 07	255 27	245 20	240 40	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	115 07	125 09	125 06	120 08	190 06	240 07	145 07	135 13	135 15	160 05	330 15	315 07	285 30	330 07	300 23	...	...
Jiwani ...	155 08	135 06	115 04	195 16	180 19	060 12	305 03	320 12	295 17	095 08	170 08	120 06	175 10	180 10	050 27	250 06	210 07	195 06	210 04	103 07	075 24	295 15	295 18	300 02	...	...
Karachi ...	285 10	270 10	275 08	260 09	270 08	330 05	315 15	290 15	285 12	...	...	...	...	...	...	290 10	290 14	290 15	300 17	330 09	355 04	...	...	...	...	...
Khanpur ...	260 12	750 19	250 21	235 19	250 15	305 10	260 12	335 19	315 17	210 15	225 15	240 15	245 15	245 31	295 22	260 16	260 19	265 29	220 21	270 23	255 22	300 10	285 15	275 15	...	...
Khuzdar ...	...	...	...	270 05	270 07	305 08	340 06	310 08	290 12	...	...	...	315 07	330 17	335 18	...	...	...	290 05	330 10	340 15	340 23	300 11	250 13	270 23	335 33
Lahore ...	295 05	295 06	290 07	300 14	320 22	301 17	310 17	320 14	310 13	157 31	325 02	345 02	350 02	320 83	350 04	130 05	155 08	165 08	175 07	310 11	315 15	300 17	300 16	295 17	...	...
Multan ...	165 08	185 07	210 10	275 12	275 15	285 13	300 21	310 24	320 21	295 05	290 09	290 07	250 07	290 15	290 11	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	290 09	290 07	285 06	260 08	270 13	300 13	305 14	310 14	330 14	285 20	290 23	310 17	295 08	320 10	055 10	325 13	340 16	015 17	315 07	015 07	340 07	...	330 19	...	...	...
Nokkundi ...	...	...	270 00	180 02	345 02	140 01	240 03	275 15	280 17	...	...	230 09	255 06	205 04	285 09	...	...	105 05	110 04	345 08	335 11	010 16	330 13	290 17	...	...
Panjgur ...	...	...	...	275 04	195 01	065 04	290 08	280 09	280 13	...	...	...	255 / /	015 15	355 16	...	...	...	260 06	285 10	360 08	015 14	340 13	291 71	...	...
Peshawar ...	...	145 04	220 04	260 05	300 17	300 25	305 25	315 32	310 38	...	...	...	...	...	...	...	220 04	315 03	290 08	290 16	280 36	275 12	245 19	285 19	...	...
Parachinar ...	...	...	...	270 02	155 07	135 13	315 10	...	305 13	...	...	...	245 03	065 05	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	310 11	305 09	290 22	275 19	290 29	...	...	...	...	...	...	...	...	...	...	325 12	350 15	350 23	345 31	340 36	...	...
Sargodha ...	305 04	278 04	258 05	275 08	310 07	290 12	300 20	300 12	295 14	115 05	025 03	310 02	255 05	300 07	300 09	100 05	150 10	135 11	095 06	155 06	225 13	285 16	305 20	300 26	...	...
Skardu ...	...	...	...	250 02	/// / /	280 02	060 02	240 06	220 07	...	...	...	200 02	/// / /	185 09	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	300 02	310 01	090 01	100 11	053 06	260 15	...	...	...	...	...	...	...	...	...	095 08	095 05	035 37	075 12	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	035 07	350 05	330 09	205 05	205 14	230 13	235 13	...	230 21	...	...	...	...	...	...			
Dacca ...										...	...	...	...	...	...	...		
Gilgit ...																		
Jiwani ...																		
Karachi ...	345 21	275 15	275 13	275 10	305 11	260 06	020 13	290 15	290 16	...	...	...	...	...	...	...	...	...
Multan ...	320 13	340 17	360 13	015 09	345 16	304 14	320 08	290 19	290 23	...	...	...	...	...	...			
Peshawar ...	...	115 10	240 17	305 08	330 08	275 12	265 08	300 09	270 13	...	...	...	...	...	...			
Quetta ...										...	...	...	...	...	...			
Sargodha ...	085 01	085 02	330 04	275 06	285 06	300 10	295 22	290 21	290 19	...	...	...	...	...	...			

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

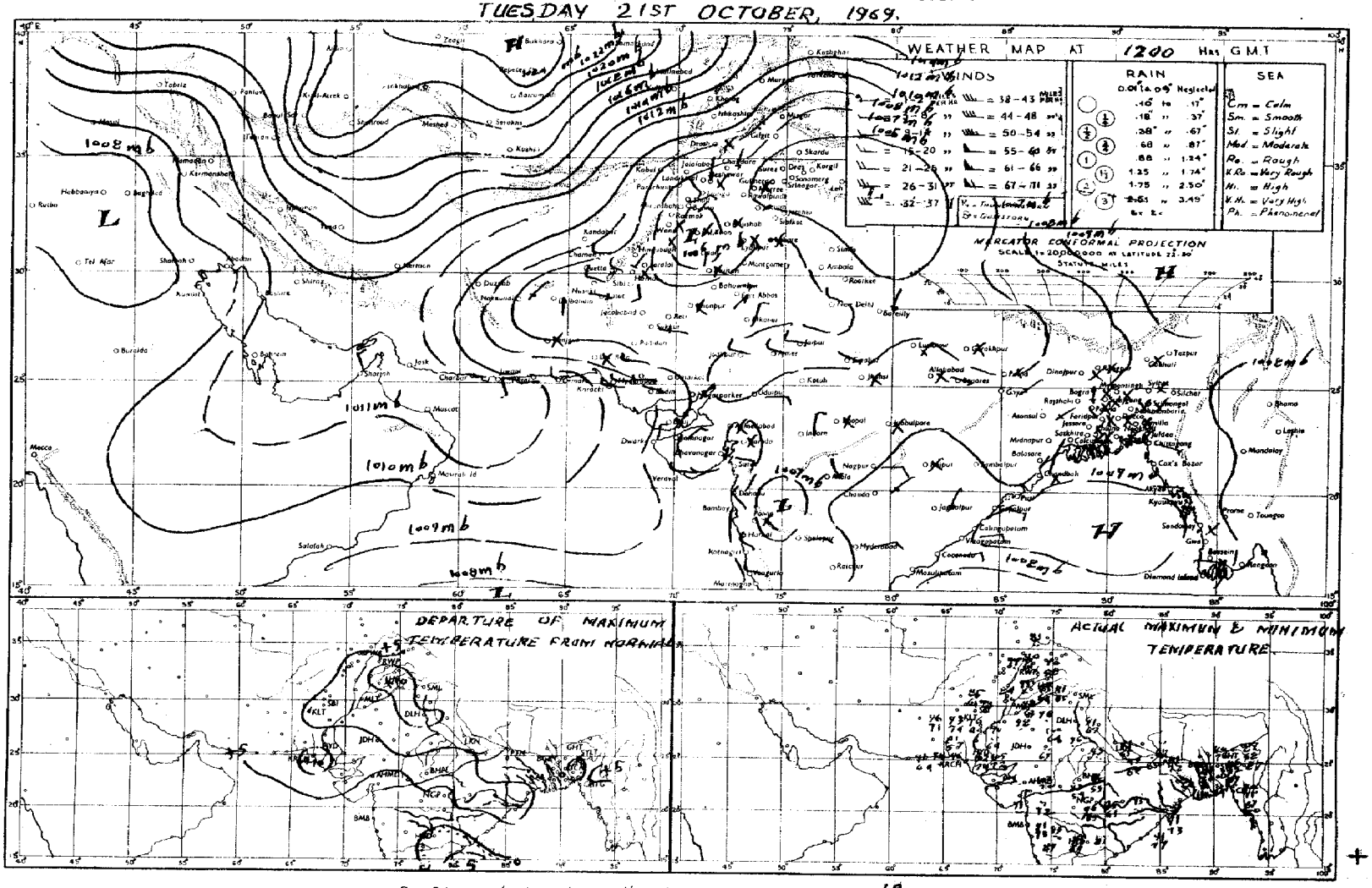
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

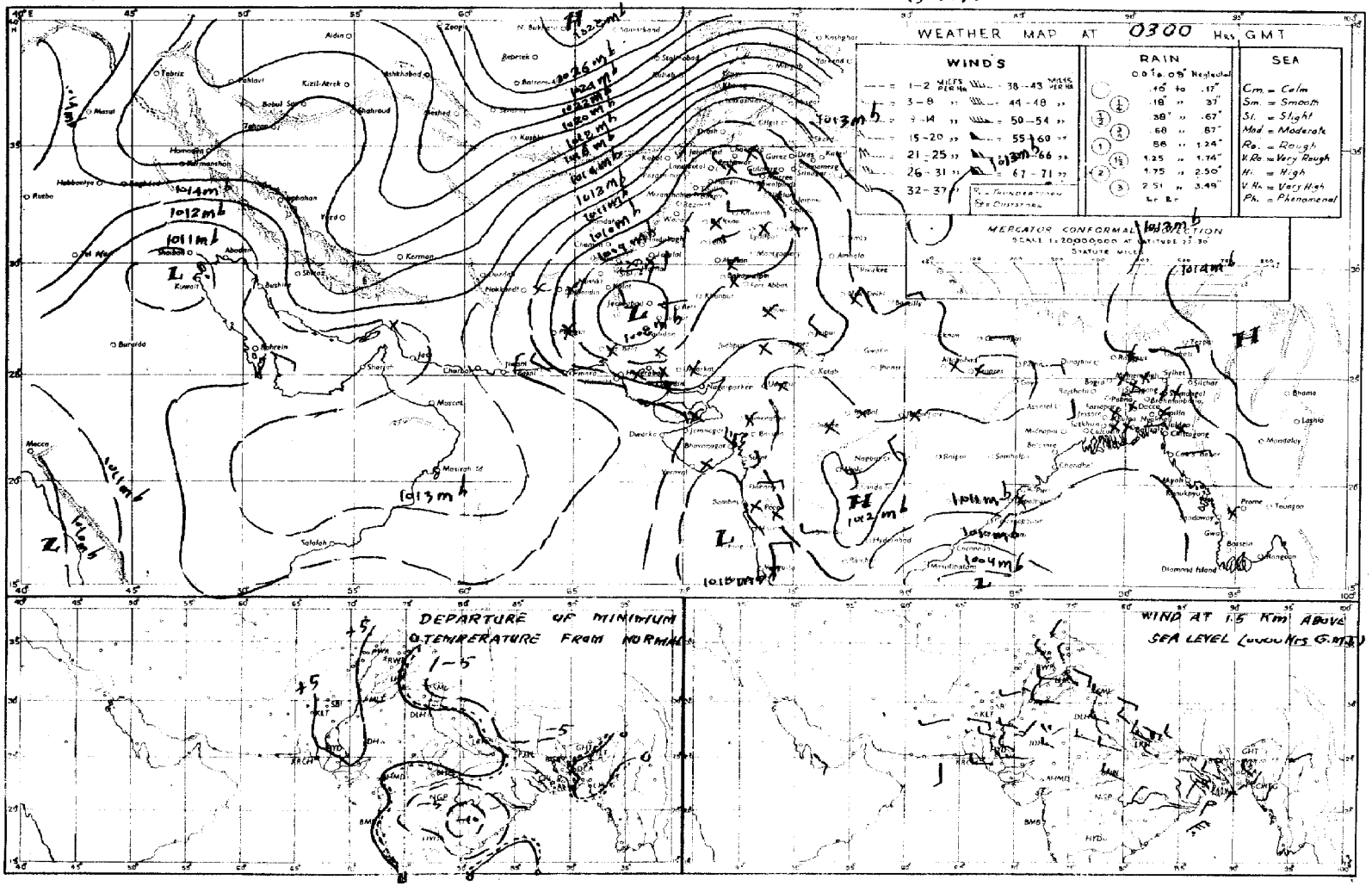
TUESDAY 21ST OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22ND OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 23rd OCTOBER 1969.

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

Yesterday's morning cyclonic storm remained practically stationary centred at 22,1200 G.M.T. with in half a degree of latitude 12 °N longitude 81 °E. Observations lacking but believe it moved north west wards and at 23,0300 G.M.T. it is crossing north Coromandal coast south of Madras. It is likely to continue move in the same direction and weaken.

A feeble westerly low pressure wave is moving across north of West Pakistan.

A few falls of light rain/showers have occurred in Chittagong division. Otherwise weather remained dry in the country.

Day temperatures were 3 – 4 °F (2 °C) below normal in Lahore and Sargodha divisions and 7—9 °F (4—5 °C) above normal in Peshawar, Kalat and Hyderabad divisions and 3—6 °F (2—3 °C) so elsewhere in the country outside Rawalpindi, Multan and Karachi divisions.

Forecast valid until the evening of 24th October 1969 :— Rain/thundershowers will be scattered in Chittagong divisions. A few thunderstorm/showers may occur in Peshawar, Rawalpindi divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 23rd October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to date	Departure from normal	Since 1st January, 1969 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	4	31	02	96	02		101	82	3	3	6	7	0	73	87	000	0	4	05	02	97	01		128	81	1	1	7	7	1	73	77	—	—	35.3	—	100.7	—
	Cox's Bazar	000	0	5	36	02	95	03	2	081	82	1	1	5	3	0	71	87	005	9	7	36	03	97	02	2	111	82	2	5	4	3	0	73	77	0	— 4	83.4	—31.2	91.4	140
	Chittagong	000	0	6	36	02	96	02	2	084	80	0	0	9	3	0	72	87	000	0	4	00	00	96	01	1	118	81	2	0	9	3	1	73	69	2 1	+ 3	51.2	—31.3	104.4	108
	Maijdee Court	000	9	7	00	00	94	03	2	C74	82	5	2	5	3	0	70	90	000	9	0	00	00	97	C0	0	124	84	0	0	9	0	0	75	73	+ 5	+ 2	115.8	+24.3	127.9	115
	Comilla	000	0	6	00	00	96	03	0	023	85	6	4	7	0	0	70	87	000	0	0	00	00	96	01	0	119	81	0	0	9	0	0	75	73	0	+ 2	83.5	+15.0	102.7	94
	Brahmanbaria	000	0	6	00	00	96	03	1	080	82	6	1	9	4	0	73	87	000	0	5	05	02	97	03	1	125	82	3	4	5	0	2	73	73	—	—	44.1	— 9.4	53.8	78
	Sylhet	000	0	2	00	00	///	01	0	077	78	0	0	9	3	0	73	86	000	0	2	09	05	96	03	0	119	79	1	1	6	0	1	69	68	—	—	120.3	—	148.2	—
	Srimangal	...																	000	9	2	00	00	96	02	1	123	79	0	0	9	0	2	73	64		— 5	61.5	— 2.9	83.0	98
Dacca	Mymensingh	000	0	0	00	00	///	C0	0	080	82	0	0	9	0	0	72	85	000	0	2	00	00	97	01	0	127	82	2	0	6	2	0	63	73	— 1	+ 1	62.1	— 6.3	77.3	91
	Narayanganj	000	0	5	00	00	///	02	2	083	85	5	6	6	0	0	72	85	000	0	2	09	02	97	01	1	122	84	0	0	9	3	1	73	73	— 2	— 1	57.4	+ 4.8	80.8	74
	Dacca (Tejgaon)	000	0	3	00	00	96	01	0	082	80	1	5	5	4	0	68	86	000	3	2	C0	00	97	01	4	121	82	0	0	9	0	1	69	69	—	—	53.6	—	64.7	—
	Faridpur	000	0	4	00	02	94	01	1	C84	82	2	5	6	1	0	72	90	000	0	0	00	00	97	00	0	113	81	0	0	9	0	0	73	69	+ 4	— 3	43.2	— 7.7	56.9	71
Khulna	Barisal	000	0	7	00	C0	///	C2	2	064	80	5	4	5	2	0	76	87	000	0	5	09	02	96	02	2	118	82	3	4	5	0	2	75	73	0	0	54.3	— 6.5	64.2	81
	Khulna	000	0	2	00	00	97	00	2	034	87	0	0	9	0	0	78	91	000	0	0	00	00	97	00	0	123	84	0	0	9	0	0	82	73	—	—	66.9	—14.7	73.0	68
	Satkhira	000	0	2	00	00	97	01	1	083	80	2	1	5	1	0	80	90	000	0	2	C0	03	97	01	1	120	84	2	1	7	7	1	79	69	—	—	56.3	— 6.3	61.6	65
	Jessore	000	0	5	00	00	97	02	2	083	82	3	0	9	3	8	70	90	000	4	5	02	03	96	05	2	113	82	0	0	9	0	6	73	77	+ 3	+ 5	53.0	— 5.6	61.4	68
Rajshahi	Pabna	000	0	1	00	C0	///	01	1	077	85	1	1	7	0	0	73	91	000	0	0	C0	00	99	02	0	116	89	0	0	9	0	0	67	73	—	—	51.4	—	65.2	59
	Sirajganj	000	0	0	00	00	96	00	0	082	85	0	0	9	0	0	72	87	000	0	4	00	03	98	02	2	///	81	4	0	7	4	0	73	75	+ 1	+ 2	43.6	— 5.6	56.2	64
	Rajshahi	000	0	1	00	00	96	01	0	C85	82	0	0	9	2	0	67	87	000	0	1	36	02	97	01	0	127	81	0	0	9	2	0	73	73	+ 1	+ 2	53.3	—	67.3	—
	Bogra	0 0	0	1	00	00	///	02	0	082	85	1	0	9	7	0	73	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					—
	Dinajpur	000	0	0	00	00	95	00	0	080	85	0	0	9	0	0	72	90	000	0	0	00	00	96	00	0	133	82	0	0	9	0	0	68	79	+ 4	+ 9	72.7	—12.6	95.7	69
	Rangpur	000	0	0	00	00	96	01	1	072	80	0	0	9	0	0	76	90	000	0	0	05	02	96	01	0	132	82	0	0	9	0	0	71	79	+ 4	+ 10	66.4	— 0.2	86.0	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	C59	87	0	0	9	0	0	60	91	000	0	0	00	02	96	02	0	108	73	0	0	9	0	0	60	67	— 3	+ 9	13.4	— 1.3	18.0	19
	Sialkot	000	0	0	00	00	99	00	0	070	90	0	0	9	0	0	78	93	000	0	0	00	00	92	00		203	66	0	0	9	0	0	62	52	+ 1	— 9	6.9	—16.8	11.5	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	C61	//	0	0	9	0	0	67	51	000	0	1	00	00	96	02	0	118	73	0	0	9	0	1	60	62	—	—	22.9	—	31.2	—
	Islamabad	...																																							—
	Rawalpindi	000	0	0	00	00	99	C0	0	062	85	0	0	9	0	0	60	90	000	0	2	00	00	97	00	0	117	66	0	0	9	0	4	58	62	+ 1	+ 6	20.1	— 3.9	30.1	36
	Campbellpur	...																																							—
Sargodha	Khushab	000	0	0	13	//	97	06	0	C59	86	0	0	9	0	0	69	90	000	0	0	23	11	97	00	0	109	73	0	0	9	0	0	64	65	—	+ 3	4.4	— 5.8	7.8	15
	Sargodha	000	0	0	09	02	97	02	0	061	82	0	0	9	0	0	60	90	000	0	4	03	03	96	04	0	096	69	0	0	9	0	1	62	65	—	—	17.0	—	20.6	—
	Lyallpur	000	0	0	36	02	96	00	0	C60	10	0	0	9	0	0	68	93	000	0	0	07	02	96	00	0	090	69	0	0	9	0	0	64	64	0	+ 3	4.7	— 4.6	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	0	C0	09	97	02	0	042	90	0	0	9	0	0	64	95	000	0	0	00	00	97	02	0	094	68	0	0	9	0	0	59	62	+ 1	0	8.3	+ 3.3	1.3	7
	Laiah	000	0	0	18	02	94	00	0	C84	90	0	0	9	0	0	56	90	000	0	0	31	02	97	00	0	077	73	0	0	9	0	0	60	62	—	—	1.0	—	2.8	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	044	96	0	0	9	0	0	49	90	000	0	0	36	03	96	02	0	C82	69	0	0	9	0	0	56	58	+ 5	— 1	0.2	— 4.7	1.1	6
	Bahawalpur	000	0	0	C0	C0	94	00	0	C83	93	0	0	9	0	0	64	98	000	0	0	00	C0	96	00	0	093	69	0	0	9	0	0	56	65	+ 4	+ 4	0.7	— 3.6	2.0	6
	Fort Abbas	000	0	0	23	02	98	00	0	C15	//	0	0	9	0	0	//	//	000	0	0	00	00	98	C0	0	069	82	0	0	9	0	0	72	76	—	—	0.7	—	0.9	8
Peshawar	Chakdra	000	0	0	36	02	98	02	0	032	87	0	0	9	0	0	59	84	000	0	3	05	03	97	03	0	112	60	3	0	9	3	1	54	56	—	—	8.2	—	17.6	—
	Peshawar	000	0	1	36	03	96	04	0	C58	82	1	1	6	0	0	58	85	000	0	6	00	00	96	04	2	117	65	1	0	9	3	1	58	62	— 2	+ 2	5.2	— 0.6	13.9	11
	Kohat	C00	0	0	36	03	98	C0	0	C59	02	0	0	9	0	0	56	04	000	0	0	30	02	98	C0	0	126	69	0	0	9	0	0	54	58	—	—	9.9	—	20.0	—
D. I. Khan	Bannu	C00	0	0	13	02	99	00	0	498	86	0	0	9	0	0	50	//	000	0	5	11	01	98	03	2	108	69	0	0	9	2	5	60	64	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	0	00	00	96	02	0	046	90	0	0	9	0	0	73	90	000	0	2	05	03	96	03	0	102	73	1	0	9	2	1	65	69	+ 2	+ 8	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	040	C4	0	0	9	0	0	69	05	000	0	0	18	03	97	02	0	085	70	0	0	9	0	0	62	66	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	05	03	95	C5	0	C68	89	0	0	9	0	0	57	94	000	0	0	27	03	97	02	0	112	73	0	0	9	0	0	35	66	—	—	0.0	—	0.3	2
Kalat	Turbat	C00	0	0	27	02	96	C0	0	946	C0	6	0	9	0	0	//	04	000	0	0	03	02	96	00	0	977	72	0	0	9	0	0	42	61	—	—	0.2	—	0.2	—
	Jiwani	C00	0	0	23	07	96	02	0	C50	87	0	0	9	0	0	75	90	000	0	0	27	05	94	04	4	107	76	0	0	9	0	0	76	69	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	14	97	02	0	094	01	0	0	0	0	0	78	99	000	0	0	31	06	97	02	0	100	70	0	0	0	0	0	53	42	+ 7	— 25	0.0	— 1.0	0.0	6
Karachi division	Ormara	...																																							6
	Lasbela	...																																							8
	Karachi (Manora)	000	0	0	27	03	97	02	0	C69	84	0	0	9	0	0	74	87	000	0	0	27	03	96	02	0	082	80	0	0	9	0	0	73	79	— 1	+ 6	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	0	27	12	96	02	0	C69	92	0	0	9	0	0	63	99	000	0	0	00	00	96	02	0	C84	72	0	0	9	0	0	64	71	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	18	02	97	02	0	109	99	0	0	0	0	0	99	04	000	0	0	05	02	97	02	0	128	84	0	0	0	0	0	04	84	—	—	0.1	—	0.1	—
	Chhor	C00	0	0	23	03	96	02	0	C50	96	0	0	9	0	0	75	03	000	0	0	23	05	96	03	0	087	75	0	0	9	0	0	66	65	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	31	02	97	02	0	C52	02	0	0	9	0	0	49	87	000	0	0	23	02	97	02	0	080	77	0	0	9	0	0	65	72	+ 9	+ 9	0.2	— 5.9	0.3	9
	Badin	000	0	0	23	08	97	02	0	C73	01	0	0	9	0	0	65	03	000	0	0	23	05	97	02	0	088	76	0	0	9	0	0	68	72	+ 8	+ 4	0.3	— 6.9	0.3	—
Khairpur	Padidan	000	0	0	31	03	97	02	0	C54	99	0	0	9	0	0	54	03	000	0	0	00	00	97	02	0	076	71	0	0	9	0	0	55	62	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	31	03	96	C2	0	C58	02	0	0	9	0	0	47	03	C03	0	0	13	03	96	02	0	082	72	0	0	9	0	0	57	64	—	—	1.0	—	1.1	—
	Sukkur	000	0	0	13	02	96	02	0	C53	99	0	0	9	0	0	54	01	000	2	0	13	01	95	05	4	074	83	0	0	9	0	0	58	73	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	02	98	02	0	C44	01	0	0	9	0	0	58	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	C00	0	0	25	03	97	02	0	C44	01	0	0	9	0	0	44	02	000	0	0	05	02	97	02	0	078	72	0	0	9	0	0	57	68	+ 5	+ 4	2.4	— 0.2	2.7	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							—
	Leh **	...																																							3
	Skardu *	...																																							6
	Misgar **	...																																							—
	Aliabad *	...																																							—
	Gilgit *	...																																							5
Rawalpindi	Murree *	...	000	0	0	29	03	98	00	0	488	63	0	0	9	0	0	34	67	000	0	5	30	13	97	02	1	511	56	3	5	4	5	0	47	50	+ 2	+ 1	18.0	—19.0	35.7	39
Peshawar	Drosh *	...	800	0	6	23	05	96	03	1	465	73	5	4	7	7	0	58	84	000	0	0	00	00	96	02	0	513	56	8	0	9	0	0	33	//	+ 8	/	3.1	—	14.3	29
	Chitral *	...	000	0	0	36	05	98	00	0	993	76	0	0	9	0	0	47	80	000	0	0	36	02	98	00	0	504	60	0	0	9	0	0	51	//	+ 4	/	4.0	— 8.4	14.4	—
	Kakul *	...	000	0	1	18	05	98	03	0	481	73	1	0	9	7	0	43	77	000	0	5	31	02	98	03	1	518	69	5	2	4	0	0	49	62	—	—	19.2	—	30.0	—
	Landikotal *	...	000	0	0	05	05	98	02	0	///	77	0	0	9	0	0	64	86	000	0	4	36	02	98	01	0	533	64	4	3	9	0	0	47	51	—	—	2.2	—	12.7	29
	Prachinar *	...	000	0	0	16	05	98	02	0	486	73	0	0	7	0	0	38	79	000	0	6	00	00	98	03	1	///	//	0	0	9	0	6	57	54	+ 5	+ 6	10.1	—	28.8	13
D.I. Khan	Miranshah *	...	000	0	0	05	05	99	00	0	480	86	0	0	9	0	0	47	86	000	0	0	05	02	99	00	0	467	67	0	0	9	0	0	58	59	—	—	0.5	— 4.2	2.0	11
	Wana *	...	C00	0	0	13	02	99	00	0	463	85	0	0	9	0	0	40	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	...	000	0	0	31	02	98	02	0	407	03	0	0	9	0	0	21	83	000	0	1	00	00	97	03	0	476	65	0	0	9	0	1	20	59	+ 1	— 10	2.2	— 4.9	6.8	—
	Hindubagh *	...	000	0	0	23	03	97	02	0	592	75	0	0	9	0	0	19	78	000	0	0	03	00	97	02	0	548	51	0	0	9	0	0	21	33	—	—	3.0	—	5.9	9
	Loralai *	...	000	0	0	27	02	98	C0	0	380	80	0	0	9	0	0	55	95	000	0	0	28	02	98	02	0	459	87	0	0	9	0	0	54	84	—	—	0.6	—	0.6	—
	Barkhan *	...																																							14
	Harnai *	...	000	0	0	00	00	96	02	0	464	87	0	0	9	0	0	//	92	000	0	0	00	C0	96	02	0	473	64	0	0	9	0	0	27	//	—	—	3.9	— 3.8	8.7	5
	Samungli (Quetta) *	...	C00	0	0	31	14	96	02	0	496	77	0	0	9	0	0	//	82	000	0	0	00	00	96	02	0	530	41	0	0	9	0	0	25	40	—	—	0.5	— 0.7	3.1	8
	Chaman *	...	000	0	0	27	05	96	00	0	520	83	0	0	9	0	0	54	84	000	0	0	09	03	97	00	0	517	64	0	0	9	0	0	45	62	+ 5	— 10	2.1	— 1.8	4.8	—
	Nushki *	...	000	0	0	00	00	97	02	0	554	88	0	0	9	0	0	49	90	000	0	0	00	00	97	02	0	558	69	0	0	9	0	0	47	65	—	—	0.5	—	2.7	4
	Dalbandin *	...	000	0	4	13	03	97	03	0	511	91	0	0	9	0	0	38	93	000	0	0	00	00	97	06	0	505	68	0	0	9	0	0	34	56	+ 6	+ 7	0.0	— 0.2	0.5	7
Kalat	Kalat *	...	000	0	0	31	03	97	02	0	497	70	0	0	9	0	0	48	74	000	0	0	16	02	97	02	0	516	52	0	0	9	0	0	38	42	0	+ 3	0.8	— 0.5	2.2	—
	Khuzdar *	...	000	0	0	36	02	97	02	0	480	85	0	0	9	0	0	46	87	000	0	0	00	00	96	02	0	495	67	0	0	9	0	0	43	65	—	—	1.9	—	3.2	5
	Panjgur *	...																																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_rt'_rt'_r$	$8N_sCh_sh_s$	$OT_sT_sT_sT_s$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kampala	99 1 34	16 6 20	23 0 03	21 5 09	99 0 18	08 8 31	23 4 00	54 6 07			00 2 21		30 5 02	07 4 02
British Freigmm ...	99 2 10	10 5 94	22 1 23	21 0 04	98 0 20	10 8 28	00 / 00	43 6 12			01 / 26	12 9 48	30 1 01	10 5 02
Bethsobea ...	99 2 38	10 5 87	22 1 23	13 2 06	98 0 20	12 0 29	11 4 00	33 4 03			05 1 23	12 9 69	30 1 01	
Kampala	99 1 49	10 6 27	21 1 83	11 1 10	99 0 20	11 4 28	14 4 00	34 0 05			05 4 24	...	30 5 02	08 4 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	011 284 57	...	400 154 69	132 094 71	583 075 / /	754 173 / /	963 313 / /	239 513 / /	420 463 / /	659 761 / /	...	...	...
Gilgit ...													...	...
Jiwani ...														
Karachi ...	00 00	040 240 36	...	450 249 64	142 115 / /	586 081 / /	756 191 / /	963 345 / /	...	...	...	...	...	...
Multan ...	00 00	993 178 28	...	400 184 58	077 050 59	569 171 / /	733 271 / /	935 375 / /	...	...	...	...	...	...
Peshawar ...	00 00	969 172 40	...	430 200 57	/// 092 49	593 061 / /	764 159 / /	...	...	...	...	...	...	...
Quetta ...	00 00	825 132 56	...	/// /// /	155 056 / /	581 /// / /	750 181 / /	963 213 / /	261 299 / /	...	...	...	...	...
Sargodha ...	00 00	995 220 50	...	500 180 59	176 044 56	584 131 / /	751 221 / /	958 335 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_s DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...			
Dacca ...	00 00	900 178 63	800 144 / /	600 012 / /	585 000 75	350 239 / /	...	...	...	...	278 230 69	...	...
Gilgit ...												...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 122 / /	644 000 / /	600 051 / /	350 270 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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
Barisal ...	135 01	175 01	165 02	165 05	175 06	...	...	...	...
Bogra ...	025 05	345 06	345 06	075 07	090 18	255 07	260 02	245 26	260 21
Chaklala ...	...	180 03	160 03	285 03	335 10	295 16	275 16	285 17	275 10
Chhor ...	240 10	240 07	265 05	310 05	330 03	315 04	330 09	3.0 24	315 29
Chittagong ...	315 08	315 08	205 03	215 05	210 07	225 17	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	320 15	315 11	350 07	360 04	040 03	040 06	320 07	310 11	275 13
Dacca ...	060 03	035 02	360 01	275 02	298 04	260 04	245 16	...	...
Dalbandin ...	...	...	025 01	100 02	095 09	105 12	345 19	335 24	325 29
D. I. Khan ...	115 13	100 13	100 13	100 13	075 07	280 07	285 19	300 21	315 23
Drosh ...	...	...	...	030 03	010 06	005 10	015 05	340 23	350 13
Fort Sandeman ...	...	...	...	310 06	295 10	295 14	310 21	290 25	295 25
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...									
Jacobabad ...	285 10	285 18	285 11	285 13	315 13	350 10	360 16	335 16	305 17
Jessore ...	010 03	360 05	350 07	315 13	315 07	230 11	...	...	...
Jhelum ...	145 04	155 04	160 03	035 06	325 18	310 13	260 17	290 16	305 20
Jiwani ...	250 12	220 11	265 07	120 05	075 13	055 21	310 15	300 19	275 27
Karachi ...	273 12	290 20	290 23	300 21	340 12	340 11	340 10	355 05	355 06
Khanpur ...	260 03	280 04	280 05	255 13	025 05	275 11	320 15	301 18	315 05
Khuzdar ...	...	...	...	320 07	330 13	335 22	325 34	325 41	280 09
Lahore ...	110 03	115 06	125 06	090 05	015 15	265 05	255 19	275 17	300 23
Multan ...	070 08	030 09	030 10	330 06	275 10	280 18	270 17	320 25	325 26
Nawab Shah ...	305 10	310 10	315 10	335 01	010 08	350 09	350 13	...	...
Nokkundi ...	...	...	350 02	345 02	340 05	330 09	...	...	...
Panjgur ...									
Peshawar ...	...	075 03	165 06	165 08	265 06	275 19	320 22	305 28	315 45
Parachinar ...	...	...	...	305 14	145 13	...	...	...	...
Quetta ...	...	...	...	...	305 06	315 08	325 14	330 21	...
Sargodha ...	...	...	...	...	...	...	...	...	...
Skardu ...	080 06	090 06	165 11	145 10	225 07	270 14	275 22	310 27	310 34
Sylhet ...	060 02	060 03	085 03	090 07	080 11	080 07	...	...	...
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
Barisal ...	035 06	043 06	095 03	285 06	210 08	230 15
Bogra ...	040 04	050 06	015 05	033 12	055 11	090 04
Chaklala ...	...	055 07	105 05	235 02	275 04	290 07
Chhor ...	245 06	235 06	320 06	155 06	060 02	343 07
Chittagong ...	010 08	010 07	360 04	243 02	230 03	...
Cherat ...	015 05	015 06	340 05	180 01	335 04	305 04
Cox's Bazar ...	015 05	015 06	360 05	180 01	235 04	305 07
Dacca ...	080 02	175 02	175 04	145 04	085 03	330 06
Dalbandin ...	...	...	105 01	195 05	355 04	340 10
D. I. Khan ...	055 07	180 04	180 04	095 03	230 02	055 05
Drosh ...	...	...	...	135 02	040 01	025 04
Fort Sandeman ...	...	...	...	215 06	239 07	290 03
Gilgit ...				275 05	085 01	045 02
Ishurdi ...	075 08	075 07	020 03	055 13	055 17	090 16
Jacobabad ...	330 04	335 19	335 15	336 14	340 15	350 13
Jessore ...	030 07	035 10	030 09	020 09	005 08	3 0 02
Jhelum ...	065 02	133 05	/// //	085 03	325 07	360 13
Jiwani ...	270 13	290 12	305 09	350 05	...	...
Karachi ...	...	...	...			
Khanpur ...	210 11	230 12	255 14	285 14	295 15	265 13
Khuzdar ...	...	...	...			
Lahore ...	125 09	130 11	120 20	135 09	155 06	295 03
Multan ...	045 14	360 07	255 05	285 09	270 11	315 04
Nawab Shah ...	295 09	295 07	240 07	245 07	...	...
Nokkundi ...	...	...	270 11	300 09	320 10	330 11
Panjgur ...						
Peshawar ...	...	320 14	285 07	310 04	290 06	285 12
Parachinar ...	...	...	...	...	040 03	205 03
Quetta ...	...	...	...			
Sargodha ...						
Skardu ...	120 12	115 13	090 10	130 04	010 03	310 05
Sylhet ...	...	...	...	...	...	...
Veraval ...	045 05	080 08	110 05	110 09	150 05	235 09

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	085 03	085 04	085 03	210 08	220 13	220 13	185 08	220 13	235 24	215 20	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	125 05	120 06	155 05	195 02	280 08	...	...	...	...	...
Chhor ...	200 10	170 12	165 10	155 07	130 03	363 03	265 05	330 13	305 15	280 31	290 28
Chittagong ...	015 08	085 05	015 04	200 07	210 04	...	...	...	...	...	...
Cherat ...	165 02	115 02	070 01	195 08	205 07	220 15	...	...	...	...	...
Cox's Bazar ...	165 02	115 02	007 01	195 08	105 07	220 15	...	...	...	...	...
Dacca ...	090 06	110 07	110 04	110 04	110 02	120 08	095 10	...	...	...	...
Dalbandin ...	...	...	030 01	245 09	265 09	350 26	005 22	005 23	005 25	010 31	025 34
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	075 02	815 03	030 03	180 02	160 03	165 03	290 13	315 33
Fort Sandeman ...	...	...	...	225 06	240 05	325 03	360 12	330 05	240 07	255 11	245 14
Gilgit ...						...	...	...	...	...	...
Ishurdi ...	065 06	067 07									
Jacobabad ...	075 03	075 03	305 01	030 11	355 06	030 / /	230 00	275 04	180 12	183 07	240 22
Jessore ...	060 05	050 05	045 06	305 04	193 06	...	...	...	...	...	...
Jhelum ...	095 14	125 15	/// //	125 12	125 08	320 03	255 12	290 17	295 25	290 41	285 58
Jiwani ...	265 08	340 06	340 08	025 08	055 08	043 14	315 17	310 19	310 27	290 31	280 46
Karachi ...	305 09	330 08	360 06	3.0 10	335 13	...	...	...	...	...	...
Khanpur ...	3.0 03	350 15	340 12	010 09	350 04	275 23	350 27	225 24	255 15	225 16	150 21
Khuzdar ...				350 04	310 04	300 05	310 10	300 05	285 13	295 12	275 15
Lahore ...	100 14	115 21	120 22	100 15	055 08	290 03	285 08	285 12	280 29	305 21	295 29
Multan ...	025 20	010 19	015 18	020 18	055 08	040 04	250 04	230 22	230 22	220 26	230 24
Nawab Shah ...	045 06	085 06	075 04	040 06	035 04	055 08	235 20	300 26	...	-	...
Nokkundi ...	...	.	340 13	345 13	335 15	330 17	335 16	310 16	300 23	...	...
Panjgur ...											
Peshawar ...	...	015 08	010 05	305 06	290 07	275 18	253 20	275 24	295 27	290 29	..
Parachinar ...	...	...	...	...	...						...
Quetta ...				310 04	330 08	335 03	300 / /	350 17	290 30		...
Sargodha ...				115 06	190 07	255 13	290 19	290 20	280 23		..
Skardu ...	095 07	100 15	100 15	080 09	305 03	015 02	...	...	...		
Sylhet ...	...	...	...	...	...	...	...	...	...		
Veraval ...	115 03	055 07	085 04	090 14	095 12	220 10	240 25	250 17	255 20	...	...

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

Height in g.p. Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...								...		...	...	...	...	...	...			
Gilgit ...										...	...	...	...		...	...		
Jiwani ...																		
Karachi ...	270 19	275 29	275 25	275 17	275 14	020 10	095 12	290 10	300 25	295 36	295 34	280 32	280 65	...	...	...	...	...
Multan ...										...	...	...	...	...	...			
Peshawar ...										-	...	...	...	...	...			
Quetta ...																		
Sargodha ...										...	-	...	...	...	...			

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

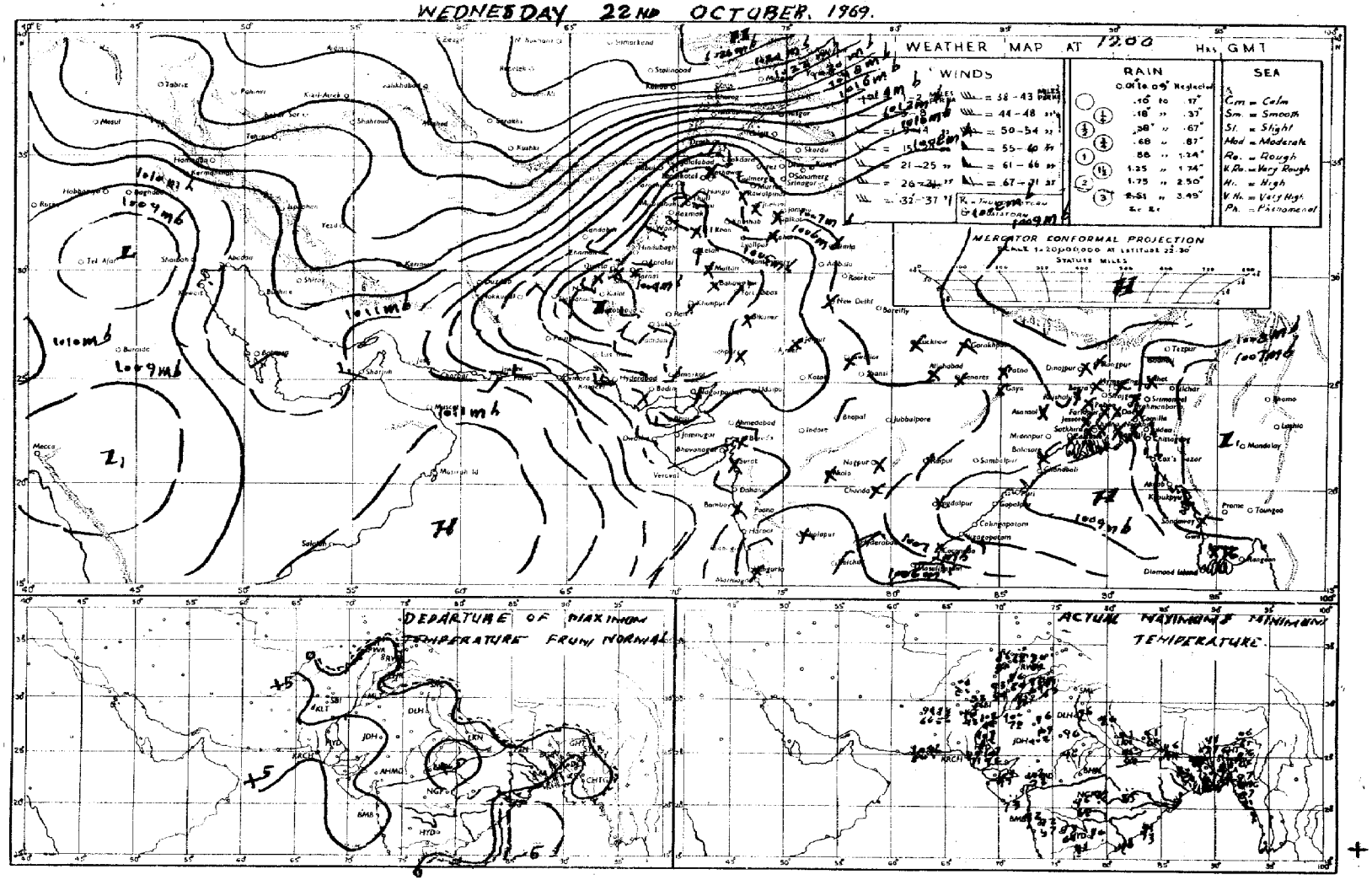
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

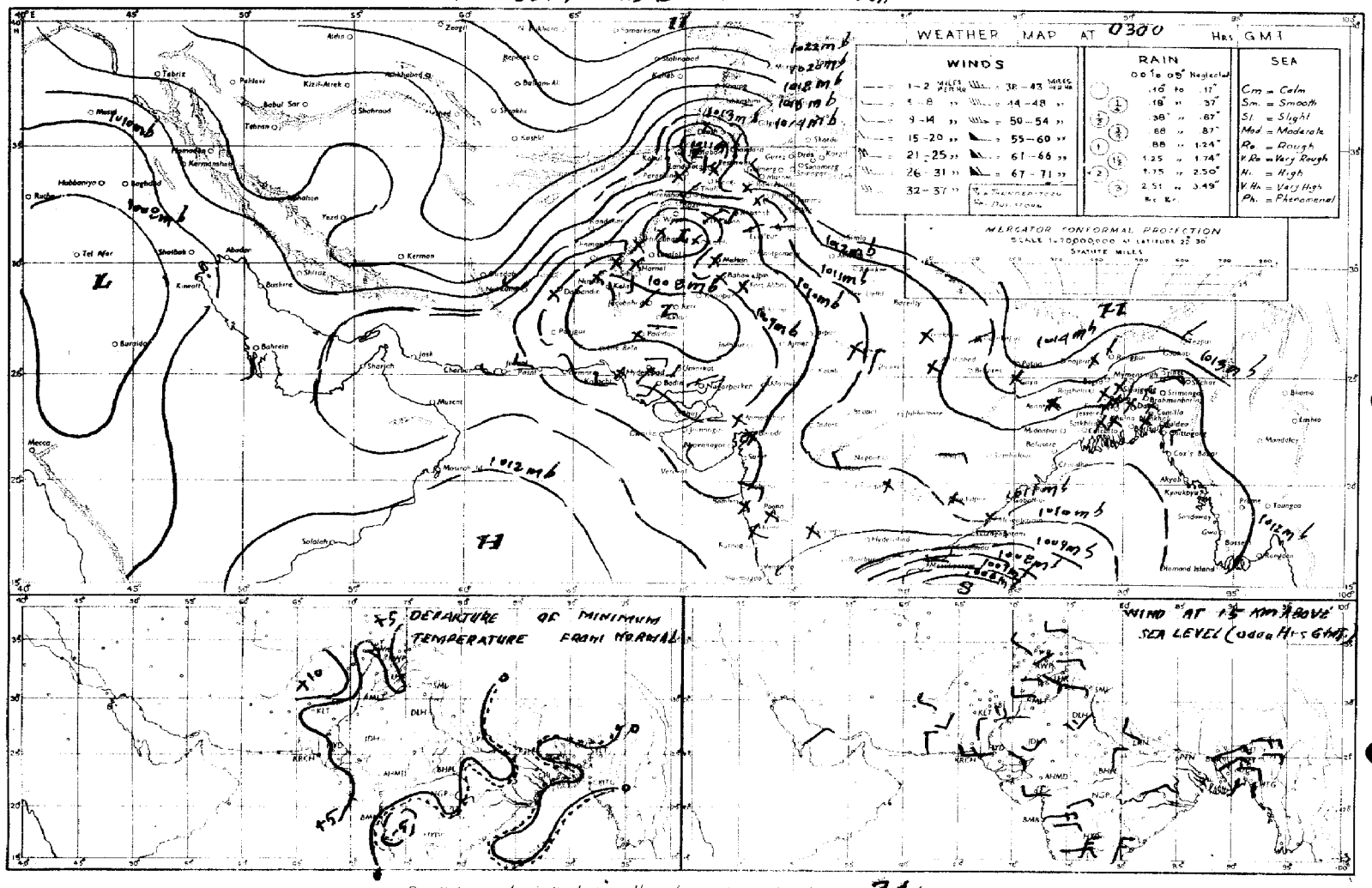
WEDNESDAY 22ND OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 23RD OCTOBER, 1969.



Rainfall amounts indicated in the above chart are for past 24 hours.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 24th OCTOBER 1969.

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

Yesterday's morning cyclonic storm moved northwestwards and lay as a depression centred at 22,1200 G.M.T. about 50 miles west of Madras. It moved further north west and is centred at 24,0300 G.M.T. about 30 miles southeast of Anantapur. It is likely to continue move in the same direction and weaken. A trough of low pressure area lies over southern division of East Pakistan. A trough of low pressure area lies over southern division of East Pakistan. The westerly low pressure wave north of West Pakistan moved away eastwards. It has induced a shallow low pressure area over Khairpur division and Rajasthan. A few thunderstorm/light rain have been reported from Chittagong divisions. Weather remained dry elsewhere over the country.

Day temperatures were 3 - 6 °F (2—3 °C) below normal in Lahore, Sargodha, Multan, Peshawar, and Karachi divisions and to the same extent above normal in Chittagong, Khulna, Rajshahi, Bahawalpur, Quetta, Kalat and Hyderabad divisions.

Forecast valid until the evening of 25th October 1969 : — A few thunderstorm/showers may occur in Chittagong, Khulna, Bahawalpur, Khairpur and Hyderabad divisions. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 24th October, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	3	31	02	96	01	0	099	82	2	3	6	7	0	70	90
	Cox's Bazar	000	0	7	00	00	//	02	2	097	82	3	3	4	3	0	72	86
	Chittagong	000	0	6	00	00	96	02	2	095	82	1	5	4	3	0	72	91
	Maijdee Court	000	6	8	00	00	95	06	6	093	77	6	5	4	/	/	73	90
	Comilla	000	0	0	00	08	96	02	0	089	80	0	0	9	0	0	70	89
	Brahmanbaria	000	0	2	00	00	96	01	1	098	82	0	0	9	0	2	72	87
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	000	0	0	09	00	//	00	0	096	77	0	0	9	0	0	72	90
Dacca	Mymensingh	000	0	2	00	00	//	01	1	096	82	2	0	8	2	0	73	87
	Narayanganj	000	0	3	00	00	//	01	1	095	85	3	6	6	0	0	68	85
	Dacca (Tejgaon)	000	0	4	00	00	96	02	0	094	80	2	0	9	4	1	70	87
	Faridpur	000	0	5	00	00	93	01	1	087	82	2	5	6	1	0	70	87
Khulna	Barisal	000	0	7	18	03	//	02	2	095	78	4	8	4	7	0	73	90
	Khulna	000	0	0	00	00	97	03	0	043	87	0	2	4	0	0	78	91
	Satkhira	000	0	2	00	00	97	01	1	095	80	2	1	7	1	1	80	90
	Jessore	000	0	5	00	00	97	02	2	094	82	2	0	9	3	7	64	87
Rajshahi	Pabna																	
	Sirajganj	000	0	6	00	08	96	02	2	089	82	6	0	7	6	0	70	87
	Rajshahi	000	0	3	08	00	96	01	1	097	82	0	0	9	0	8	72	86
	Bogra																	
	Dinajpur	000	0	0	00	00	//	00	0	091	82	0	0	9	0	0	73	90
	Rangpur	000	0	1	00	00	96	01	0	071	80	1	0	9	1	0	76	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	080	86	0	0	9	0	0	63	90
	Sialkot	..	...	..	...	...	..	..	...	...	—	...	..	...	...	...	..	..
Rawalpindi	Jhelum	000	0	6	00	00	97	02	2	067	85	1	1	7	1	1	64	91
	Islamabad																	
	Rawalpindi	000	0	7	00	00	98	02	2	091	82	7	4	8	0	0	64	90
	Campbellpur																	
Sargodha	Khushab	000	0	8	07	11	96	06	0	080	86	0	0	9	0	0	72	95
	Sargodha	000	0	2	09	02	97	02	1	083	85	0	0	9	0	1	67	90
	Lyallpur	000	0	0	07	02	96	00	0	069	87	0	0	9	0	0	64	90
Multan	Sahiwal																	
	Multan	000	0	0	00	08	96	05	0	047	87	0	0	9	0	0	68	91
	Leiah	000	0	0	36	01	94	00	0	055	91	0	0	9	0	0	54	91
Bahawalpur	Khanpur	000	0	0	00	08	97	02	0	059	91	0	0	9	0	0	54	93
	Bahawalpur	000	0	0	00	00	96	00	0	075	90	0	0	9	0	0	68	98
	Fort Abbas	000	0	0	00	00	99	00	0	057	08	0	0	9	0	0	//	00
Peshawar	Chakdra	000	0	0	36	02	98	02	0	080	78	0	0	9	0	0	58	82
	Peshawar	000	0	3	00	00	96	04	1	094	87	1	3	6	3	0	64	82
	Haripur	000	2	8	23	02	97	03	2	064	80	8	0	9	7	0	58	87
D. I. Khan	Bannu	000	0	6	05	02	98	03	1	084	84	0	0	9	2	8	//	87
	D. I. Khan	000	0	0	00	00	96	02	0	077	87	0	0	9	0	0	72	93
Quetta	Sibi	000	0	0	18	03	97	02	0	048	04	0	0	9	0	0	60	05
	Nokkundi	000	0	0	31	12	97	02	0	065	90	0	0	9	0	0	49	92
Kalat	Turbat	000	0	0	05	02	96	00	0	942	00	0	0	9	0	0	47	00
	Jiwani	000	0	0	27	09	96	02	0	077	85	0	0	9	0	0	76	88
	Pasni	000	0	0	25	29	95	00	7	074	88	0	0	0	0	0	78	99
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	0	27	03	97	02	0	055	82	0	0	9	0	0	75	85
	Karachi (Airport)	000	0	0	27	07	96	02	0	054	89	0	0	9	0	0	73	95
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	109	59	0	0	0	0	0	99	04
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	16	03	97	02	0	052	98	0	0	9	0	0	64	03
	Badin	000	0	0	23	08	97	02	0	059	97	0	0	9	0	0	69	00
Khairpur	Padidan	000	0	0	00	00	97	02	0	///	//	0	0	9	0	0	//	//
	Nawabshah	000	0	0	00	00	96	02	0	059	00	0	0	9	0	0	51	03
	Sukkur	000	0	0	23	02	96	02	0	045	95	0	0	9	0	0	62	99
	Kashmore	000	0	0	05	02	98	02	0	056	94	0	0	9	0	0	54	96
	Jacobabad	000	0	0	09	07	97	02	2	058	95	0	0	9	0	0	58	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	00	00	97	02	1	515	56	4	5	4	5	0	47	64
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	2	36	02	98	01	0	503	72	2	2	7	0	0	56	72
	Kakul *	000	0	4	31	03	98	01	1	507	72	2	2	6	2	1	49	76
	Landikotal *	000	0	4	31	05	97	03	2	084	80	8	0	9	7	0	58	87
	Parachinar *	000	0	2	16	03	99	01	1	596	58	2	1	7	0	0	45	72
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	497	70	0	0	9	0	0	54	82
	Wana *	...	...	...	..	...	...	...	...	...	...	..	..	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	31	03	98	02	0	472	82	0	0	9	0	0	30	84
	Hindubagh *	000	0	0	23	03	97	02	0	592	75	0	0	9	0	0	//	78
	Loralai *	000	0	0	27	02	98	00	0	390	80	0	0	9	0	0	45	82
	Barkhan *																	
	Harnai *	000	0	0	00	00	//	//	/	580	84	0	0	0	0	0	39	90
	Samungli (Quetta) *	000	0	0	31	03	96	02	0	490	75	0	0	9	0	0	35	76
	Chaman *	000	0	0	27	05	97	00	0	520	82	0	0	9	0	0	54	84
	Nushki *	000	0	0	00	00	97	02	0	358	//	0	0	9	0	0	49	89
	Dalbandin *	000	0	0	05	02	97	02	0	502	89	0	0	9	0	0	42	91
Kalat	Kalat *	000	0	0	31	03	96	02	0	483	68	0	0	9	0	0	35	74
	Khuzdar *	...	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	..
	Panjgur *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	009	4	5	36	02	97	01	9	156	77	4	7	5	7	0	73	73
	Cox's Bazar	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	000	9	6	00	00	96	03	2	134	84	0	0	9	0	0	72	73
	Comilla	000	0	0	00	00	96	02	0	139	82	0	0	9	0	0	72	73
	Brahmanbaria	000	0	2	18	02	97	01	1	141	82	2	0	9	0	4	73	76
	Sylhet	000	0	4	09	05	96	02	1	140	77	4	5	4	2	1	73	//
	Srimangal	000	0	4	00	00	96	02	0	138	77	0	0	9	2	2	72	//
Dacca	Mymensingh	000	0	0	00	00	97	00	0	144	82	0	0	0	0	0	72	72
	Narayanganj	000	0	5	05	02	97	02	2	137	56	4	6	6	3	1	73	76
	Dacca (Tejgaon)	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur	000	0	2	00	09	97	01	1	123	82	2	4	9	0	0	76	72
Khulna	Barisal	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	000	0	3	00	00	97	01	1	141	82	3	0	0	1	1	68	73
	Jessore	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna																	
	Sirajganj	000	0	0	00	03	98	01	0	137	92	0	0	9	0	0	72	72
	Rajshahi	...	..	..	...	...	...	...	...	..	..	...	..	...	...	...	...	...
	Bogra																	
	Dinajpur	000	0	0	00	00	96	00	0	144	84	0	0	9	0	0	70	70
	Rangpur	000	0	0	09	02	96	01	0	130	82	0	0	9	0	0	72	67
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	142	73	0	0	9	0	0	63	64
	Sialkot	000	0	0	00	00	92	00	0	120	67	0	0	9	0	0	81	82
Rawalpindi	Jhelum	007	9	0	00	00	97	02	0	143	72	0	0	9	0	0	58	65
	Islamabad																	
	Rawalpindi	000	0	0	00	00	97	00	0	151	65	0	0	9	0	0	58	61
	Campbellpur																	
Sargodha	Khushab	...	...	...	..	...	..	...	..	..	..	..	—	..	...	...	...	..
	Sargodha	000	0	0	00	00	96	04	0	141	72	0	0	9	0	0	67	65
	Lyallpur	000	0	0	00	00	96	00	0	139	72	0	0	9	0	0	63	65
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	02	0	135	72	0	0	9	0	0	65	67
	Leiah	000	0	0	23	00	92	00	0	089	72	0	0	9	0	0	59	//
Bahawalpur	Khanpur	000	0	0	36	03	96	02	0	124	72	0	0	9	0	0	59	65
	Bahawalpur	000	0	0	00	00	96	00	0	133	70	0	0	9	0	0	56	67
	Fort Abbas	000	0	0	05	02	98	00	0	128	72	0	0	9	0	0	70	70
Peshawar	Chakdra	000	0	0	05	07	98	02	0	152	//	0	0	9	0	0	59	58
	Peshawar	000	0	0	00	00	96	04	0	150	68	0	0	9	0	0	58	65
	Haripur	000	0	0	05	02	98	00	0	154	72	0	0	9	0	0	67	68
D. I. Khan	Bannu	009	0	0	23	01	99	00	1	144	67	0	0	9	0	0	61	47
	D. I. Khan	000	0	0	00	00	96	02	0	150	72	0	0	9	0	0	67	68
Quetta	Sibi	000	0	0	00	00	97	02	0	132	68	0	0	9	0	0	52	67
	Nokkundi	000	0	0	00	00	97	02	0	118	73	0	0	9	0	0	39	65
Kalat	Turbat	000	0	0	05	02	96	00	0	977	69	0	0	9	0	0	37	61
	Jiwani	000	0	0	31	05	93	11	4	111	75	0	0	9	0	0	73	72
	Pasni	000	0	0	31	04	97	02	0	112	72	0	0	0	0	0	59	44
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	3	00	00	96	02	1	102	80	3	6	4	0	0	79	79
	Karachi (Airport)	000	0	6	00	00	96	02	1	114	76	6	6	5	0	0	75	70
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	151	79	6	6	6	0	0	79	79
	Chhor	000	0	0	00	00	96	04	0	117	74	0	0	9	0	0	68	67
	Hyderabad	000	0	0	27	02	56	10	0	120	75	0	0	9	0	0	73	73
	Badin	///	/	/	//	01	57	02	0	09/	75	0	0	9	0	0	70	73
Khairpur	Padidan	000	0	0	00	00	97	03	0	120	68	0	0	9	0	0	59	63
	Nawabshah	000	0	6	00	00	96	03	1	128	70	0	0	9	0	7	68	64
	Sukkur																	
	Kashmore	...	..	..					...	...	...	...	..	...	..	...	..	...
	Jacobabad	000	0	0	05	03	98	02	0	109	80	0	0	9	0	0	52	70
Junagadh	Veraval	...	..	-	..	.	...	...	...	...	...	...	...	...	...	..	...	...
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	05	05	98	00	0	548	61	0	0	9	0	0	59	60
Peshawar	Drosh *	000	0	2	00	00	98	01	0	536	58	1	1	7	3	0	43	56
	Cherat *	000	0	0	36	03	98	00	0	///	45	0	0	9	0	0	55	//
	Kakul *	000	0	0	31	03	98	02	0	539	61	0	0	9	0	0	49	//
	Landikotal *	000	0	0	31	05	98	02	0	435	65	0	0	9	0	0	52	52
	Parachinar *	000	0	0	//	//	99	02	0	545	58	0	0	9	0	0	45	52
D.I. Khan	Miranshah *	000	0	0	05	05	90	00	0	523	67	0	0	9	0	0	52	59
	Wana *	000	0	0	00	00	99	00	0	519	50	0	0	9	0	0	49	//
Quetta	Fort Sandeman *	000	0	0	05	02	97	02	0	517	60	0	0	9	0	0	43	52
	Hindubagh *	000	0	0	00	00	97	02	0	537	51	0	0	9	0	0	21	37
	Loralai *	000	0	0	18	02	98	00	0	395	55	0	0	9	0	0	45	44
	Barkhan *																	
	Harnai *	000	0	0	00	00	//	02	0	512	60	0	0	0	0	0	27	//
	Samungli (Quetta) *	000	0	0	00	00	96	02	9	444	56	0	0	9	0	0	30	52
	Chaman *	000	0	0	09	03	97	00	0	530	62	0	0	9	0	0	40	53
	Nushki *	000	0	0	07	05	97	02	0	578	72	0	0	9	0	0	48	70
	Dalbandin *	000	0	0	00	00	97	02	0	521	61	0	0	9	0	0	38	54
Kalat	Kalat *	000	0	0	16	03	97	02	0	546	49	0	0	9	0	0	23	42
	Khuzdar *	000	0	0	00	00	96	02	0	522	66	0	0	9	0	0	43	58
	Panjgur *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	95.4	—	100.8	—
	Cox's Bazar	— 1					140
	Chittagong	— 5					100
	Maijdee Court	+ 8	+ 2	115.3	+24.1	128.9	115
	Comilla	+ 2	+ 2	83.5	+14.8	102.7	94
	Brahmanbaria	—	—	44.1	— 9.6	53.8	78
	Sylhet	—	/	120.3	—	148.2	—
	Srimangal	+ 1	/	61.5	— 3.1	83.0	98
Dacca	Mymensingh	+ 1	0	62.1	— 5.5	77.3	91
	Narayanganj	— 2	+ 2	57.4	— 8.2	80.8	74
	Dacca (Tejgaon)	—					—
	Faridpur	+ 1	0	43.2	—16.7	56.8	71
Khulna	Barisal	+ 3					81
	Khulna	—					68
	Satkhira	—	—	56.3	— 5.2	61.6	65
	Jessore	0					68
Rajshahi	Pabna						59
	Sirajganj	+ 1	+ 1	43.5	— 5.5	56.2	64
	Rajshahi	0					—
	Bogra						69
	Dinajpur	+ 4	0	73.7	+13.6	95.7	72
	Rangpur	+ 4	— 2	66.4	+ 0.5	86.0	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 4	+ 10	13.4	— 1.3	18.0	19
	Sialkot		— 9	7.0	—16.8	11.5	32
Rawalpindi	Jhelum	—	—	23.0	—	31.2	—
	Islamabad						—
	Rawalpindi	+ 1	+ 5	20.1	— 4.0	30.1	36
	Campbellpur						—
Sargodha	Khushab	+ 1					15
	Sargodha	—	—	17.0	—	20.6	—
	Lyallpur	— 3	+ 4	4.6	— 4.6	7.7	12
Multan	Sahiwal						10
	Multan	— 3	+ 5	0.3	+ 3.3	1.3	7
	Leiah	—	/	1.0	—	2.8	8
Bahawalpur	Khanpur	— 2	+ 6	0.2	— 4.6	1.1	4
	Bahawalpur	+ 4	+ 6	0.7	— 3.6	2.0	6
	Fort Abbas	—	—	0.7	—	0.8	8
Peshawar	Chakdra	—	—	8.2	—	17.6	—
	Peshawar	— 5	+ 5	5.2	— 0.6	14.0	11
	Haripur	—	—	9.8	—	20.0	—
D. I. Khan	Bannu	—	—	0.6	—	4.5	11
	D. I. Khan	0	+ 7	3.5	— 2.0	6.0	9
Quetta	Sibi	—	— 10	0.2	—	0.2	6
	Nokkundi	—	—	0.0	—	0.3	3
Kalat	Turbat	—	—	0.2	—	0.2	—
	Jiwani	—	—	0.0	—	2.0	5
	Pasni	+ 7	— 23	0.0	— 1.0	0.0	6
Karachi division	Ormara						6
	Lasbela						8
	Karachi (Manora)	— 3	+ 6	1.0	— 5.0	1.1	8
	Karachi (Airport)	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	—	—	0.1	—	0.1	—
	Chhor	—	—	0.2	—	0.3	7
	Hyderabad	+ 5	+ 3	0.2	— 5.8	0.3	9
	Badin	+ 5	+ 5	0.3	— 6.8	0.2	—
Khairpur	Padidan	/	—	0.8	—	0.8	—
	Nawabshah	—	—	1.0	—	1.1	4
	Sukkur						
	Kashmore	—					—
	Jacobabad	—	—	0.0	—	0.0	4
Junagadh	Veraval	0					20
	HILL STATIONS						26
Kashmir	Srinagar *						—
	Gulmarg **						
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	+ 1	+ 11	18.0	—19.0	35.6	59
Peshawar	Drosh *		/	3.1	—	14.3	18
	Cherat *	— 4	/	4.0	— 8.4	14.4	29
	Kakul *	—	/	19.2	—	30.0	—
	Landikotal *	—	—	2.2	—	12.6	—
	Parachinar *	— 2	—	10.1	—	28.8	29
D.I. Khan	Miranshah *	—	—	0.5	— 4.2	2.0	13
	Wana *		/	1.2	—	4.1	11
Quetta	Fort Sandeman *	+ 2	— 3	2.2	— 5.0	6.5	11
	Hindubagh *	—	—	3.0	—	6.0	—
	Loralai *	—	—	0.6	—	0.6	9
	Barkhan *						—
	Harnai *	—	/	4.0	— 3.7	5.6	14
	Samungli (Quetta) *	—	—	—	—	—	9
	Chaman *	+ 5	+ 1	2.1	— 1.7	4.8	8
	Nushki *	—	—	0.5	—	2.6	—
	Dalbandin *	+ 4	+ 5	0.0	— 0.2	0.5	4
Kalat	Kalat *	0	+ 3	0.8	— 0.5	2.2	7
	Khuzdar *		—	—	—	—	—
	Panjgur *						5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 24th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_rt_rt_r$	$8N_sCh_sh_s$	$OT_sT_sT_sT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kawamary	99 1 91	10 6 62	24 1 24	40 / / 0	98 6 40	10 5 40	11 5 //	44 7 40			0 / / 24	12 9 00	...	40 4 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	010 234 21	...	450 132 57	106 046 57	583 101 57	749 209 57	956 345 57	229 525 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	058 224 10	...	400 150 08	077 060 / /	576 095 / /	725 181 / /	953 311 / /	230 475 / /	...	...	...	...	...
Multan ...	00 00	997 206 34	...	300 140 14	931 005 / /	551 185 / /	715 261 / /	919 361 / /	198 495 / /	...	...	...	...	...
Peshawar ...	00 00	972 192 43	...	500 149 55	113 050 50	578 123 / /	744 263 / /	946 405 / /	214 551 / /	...	...	...	...	...
Quetta ...	00 00	824 115 60	...	...	034 081 / /	573 007 66	748 080 / /	...	...	...	...	...	...	...
Sargodha ...	00 00	997 285 34	...	520 200 57	912 050 10	584 125 / /	751 231 / /	956 361 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{tt}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong ...												
Dacca ...	00 00	900 158 37	830 110 60	600 019 59	...	...	...	...	...	...	...	...
Gilgit ...												
Jiwani ...												
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 115 59	600 058 41	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	160 13	185 10	225 08	230 08	210 15	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...		184 02	200 02	160 01	300 04	280 08	290 21	280 20	280 17	...	095 08	340 05	320 07	280 02	265 05
Chhor ...	225 06	250 05	275 05	260 02	110 05	120 08	290 05	195 13	300 19	345 13	240 14	240 11	050 01	100 04	100 05
Chittagong ...	270 08	270 03	180 02	220 09	220 13	205 24	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	295 03	285 07	285 04	245 11	210 10	...	...	...	...	040 04	035 12	025 08	230 01	220 10	195 08
Dacca ...	255 10	220 02	205 04	210 10	215 13	220 17	215 17	215 14	245 19	060 03	060 03	040 03	050 02	065 02	275 02
Dalbandin ...	...	...	140 03	025 04	350 06	335 13	335 18	330 24	315 28	...	...	330 03	340 06	335 10	310 27
D. I. Khan ...	008 00	080 10	095 07	105 08	120 10	210 07	275 12	280 12	280 13	335 07	325 09	320 11	315 14	305 14	290 13
Drosh ...	...	...	...	220 14	210 11	205 14	195 09	...	...	...	...	...	320 01	330 04	320 10
Fort Sandeman ...	...	...	...	310 05	185 03	260 08	275 19	300 10	270 15	...	...	...	050 02	230 06	300 14
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	230 01	195 04	100 02
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	131 07	115 07	145 05	135 03	205 02	240 50	275 09	310 13	305 23	100 07	090 17	170 01	175 03	170 03	200 03
Jessore ...	105 06	095 03	050 04	050 07	210 86	210 06	...	...	...	005 08	010 06	020 04	040 05	120 03	230 09
Jhelum ...	195 04	140 06	110 03	010 07	320 06	255 09	275 27	285 19	282 07	315 06	320 09	320 10	320 07	320 07	...
Jiwani ...	270 08	360 05	065 05	050 07	045 08	030 11	330 18	325 21	335 23	305 17	325 08	335 06	070 05	055 04	...
Karachi ...	250 10	220 06	060 03	070 03	045 04	040 05	005 08	345 10	...	...	...	...	...	...	...
Khanpur ...	015 12	025 10	005 12	245 96	285 16	225 12	235 05	285 04	275 09	350 12	330 10	330 14	315 11	210 17	265 13
Khuzdar ...	...	...	...	315 04	295 03	280 03	315 10	315 22	310 27	...	...	...	010 03	105 06	100 03
Lahore ...	090 06	100 09	105 10	095 11	040 07	305 03	285 13	285 02	293 19	107 08	075 06	085 07	105 05	075 06	065 03
Multan ...	070 08	050 10	050 11	330 04	290 13	265 12	250 18	260 22	725 25	060 12	135 14	010 13	305 13	310 22	320 13
Nawab Shah ...	260 05	225 03	145 03	065 08	360 06	005 //	...	...	...	335 07	340 04	200 03	...	...	...
Nokkundi ...	...	...	325 16	330 11	330 09	340 04	350 19	330 16	331 / /	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	175 02	195 06	145 08	205 08	240 10	285 12	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	140 02	150 08	280 21	295 17	...	280 22	...	...	...	245 03	090 03	...
Quetta ...	...	...	...	...	275 89	210 02	335 15	300 25	300 32	...	...	...	...	...	...
Sargodha ...	090 08	080 12	080 14	090 12	100 05	230 07	265 25	280 20	280 17	060 08	060 06	055 05	060 06	315 05	280 08
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	280 01	/// //	/// //
Sylhet ...	250 02	240 02	205 02	180 03	200 03	...	...	...	...	190 10	105 04	175 04	200 06	240 06	260 07
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	260 02	325 04	335 06	315 04	280 03	295 11	310 16	300 21	...	...
Chhor ...	275 04	250 07	315 07	175 07	140 05	055 08	045 07	350 13	350 24	...	...
Chittagong ...	210 06	210 08	220 10	215 23	210 12	230 13	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	335 09	350 06	285 04	230 06	210 13	215 20	...	...	...	...	...
Dacca ...	105 04	110 04	125 04	175 07	185 05	245 03	280 08	255 13	225 19	...	...
Dalbandin ...	...	...	070 05	070 05	040 08	010 13	035 12	030 07	020 05	...	...
D. I. Khan ...	145 05	145 08	145 03	355 03	865 04	283 05	265 12	260 12	275 11	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	285 01	215 05	275 11	260 22	255 27	720 19	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	350 09	060 15	080 17	080 12	135 03	160 06	140 07	085 10	055 16	...	...
Jessore ...	100 03	090 03	080 02	065 02	065 04	...	...	...	...	...	...
Jhelum ...	045 02	030 04	330 05	325 07	340 08	250 04	290 13	310 19	315 20	...	...
Jiwani ...	215 03	095 08	065 07	345 07	015 08	015 14	045 07	330 03	305 05	...	...
Karachi ...	055 02	075 06	070 10	065 10	070 11	095 13	035 14	015 16	355 15	...	...
Khanpur ...	010 17	053 20	035 24	040 25	015 09	300 04	275 07	035 08	070 13	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	170 03	105 04	085 04	065 06	345 06	350 09	295 12	330 13	330 13	...	...
Multan ...	041 51	035 19	045 22	030 26	035 23	360 09	285 31	270 31	250 26	...	...
Nawab Shah ...	005 02	035 09	050 07	150 04	105 09	080 13	035 15	005 23	035 17	...	...
Nokkundi ...	...	...	120 04	095 04	030 09	025 13	015 11	160 06	325 10	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 02	325 03	335 02	285 05	265 11	305 14	280 19	290 26	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	140 04	180 05	335 14	315 17	315 19	...	...
Sargodha ...	075 03	085 03	045 03	045 05	045 03	275 11	295 14	300 13	295 18	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	095 07	105 98	105 07	185 08	185 08	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	160 06	170 07	315 04	230 13	235 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	240 04	300 04	350 05	340 04	070 04	035 15	345 15	335 18	335 13	...	...	...	...	...	...	...	...	...
Multan ...	050 08	075 05	075 10	010 01	210 02	210 07	360 17	350 16	360 16	...	...	...	...	...	...	...	...	...
Peshawar ...	...	385 06	320 06	080 07	110 08	130 08	140 09	150 18	145 36	...	...	...	...	...	...	...	...	...
Quetta ...					240 10	270 11	/85 17	290 26	...	...	...	...	...	...	...	...	...	...
Sargodha ...	000 00	060 01	060 02	025 04	175 04	295 08	315 15	320 19	320 16	...	...	...	...	...	...	...	...	...

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

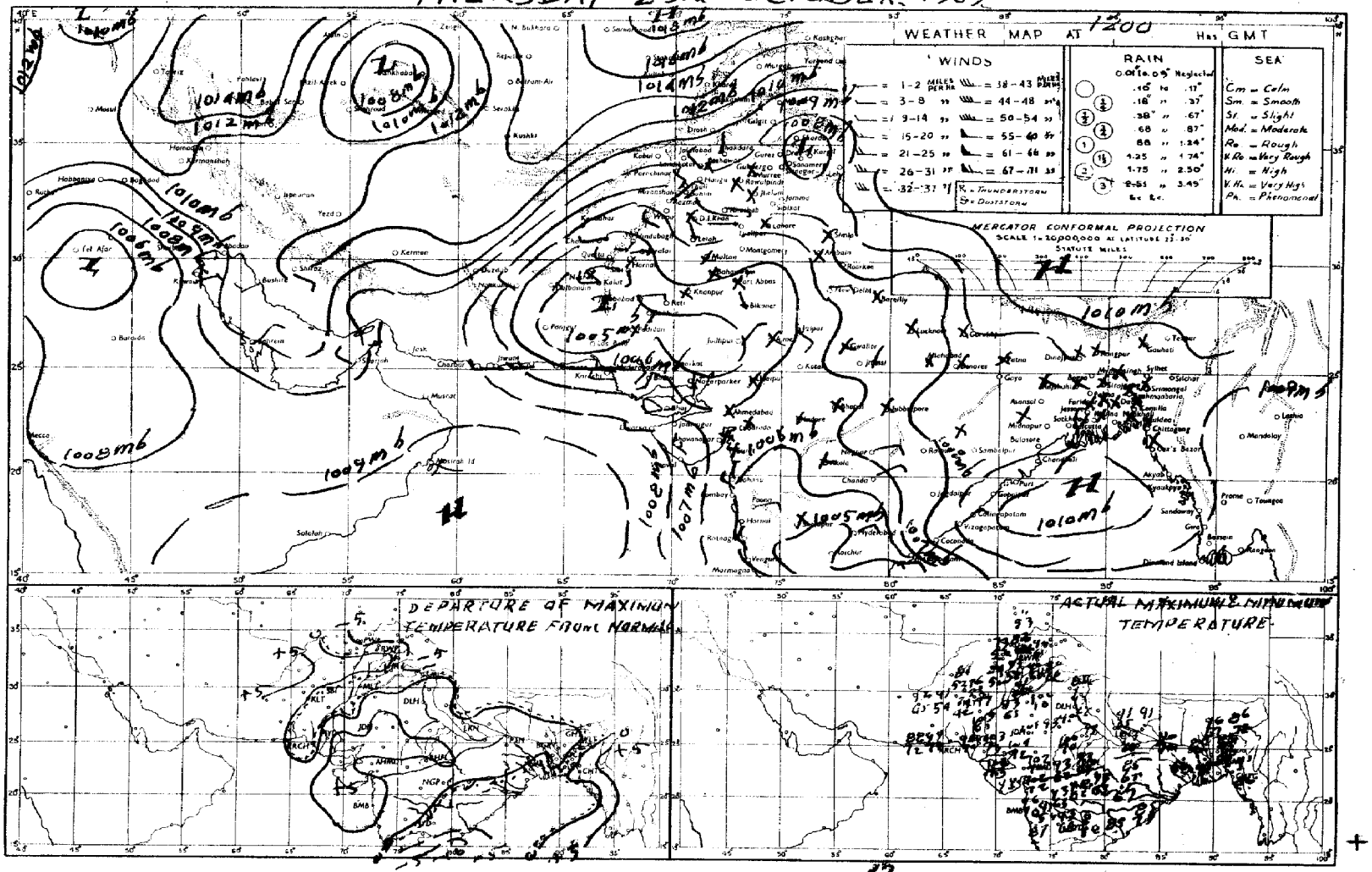
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

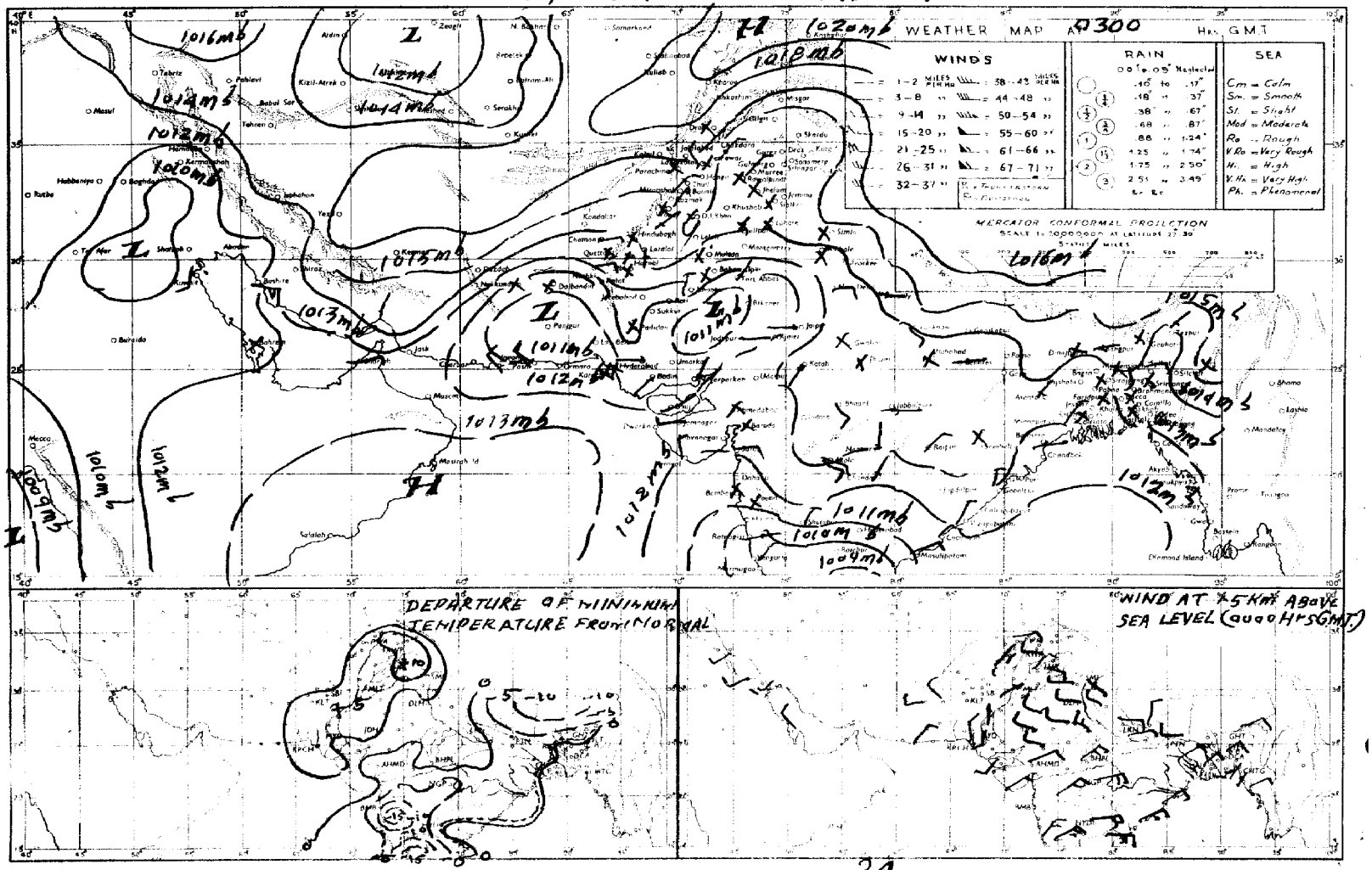
THURSDAY 23rd OCTOBER 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 24th OCTOBER. 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 25th OCTOBER 1969.

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

Observation's lacking but believe Yesterday's depression moved north-westwards weakened and lay at 24,1200 G.M.T. as a well marked low pressure area over Mysore. It moved further west-northwestwards emerged into east central Arabian Sea and now lies off Mysore and south Maharashtra coast. It is likely to continue moving in the same direction and intensify.

The trough of low pressure over the southern divisions of East Pakistan has became unimportant. Yesterday's shallow low pressure area over Khairpur division and adjoining Rajasthan persists. A few light showers have occurred in Chittagong division. Otherwise dry weather prevailed in the country.

Day temperatures were 3 – 5 °F (2 – 3 °C) above normal in East Pakistan and in Quetta, Kalat and Hyderabad divisions and were 3 °F (2 °C) below normal in Lahore, Multan and Peshawar divisions.

Forecast valid until the evening of 26th October 1969 :— Weather is likely to remain dry over the country.

Karachi-11
The 25th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	...	...	..	...	..	...	..	..	...	...	...	..	..	..	..	...	...
	Cox's Bazar	005	1	7	06	04	//	01	2	104	77	3	4	4	7	0	73	85
	Chittagong	000	0	0	00	00	96	02	2	105	80	1	2	5	3	0	73	86
	Maijdee Court	003	0	0	00	00	//	00	5	102	80	0	0	9	0	0	73	90
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	000	0	4	00	00	96	03	1	104	85	4	5	5	0	0	72	90
	Sylhet	000	0	2	00	00	//	01	0	105	82	2	5	0	0	0	73	86
	Srimangal	000	0	0	00	00	//	00	0	115	85	0	0	9	0	0	73	87
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	4	05	02	//	02	2	107	82	4	6	6	0	0	75	87
	Dacca (Tezgaon)	000	0	5	00	00	96	02	2	101	82	4	8	5	6	0	72	90
	Faridpur	000	0	0	00	00	94	00	0	099	85	0	0	9	0	0	68	90
Khulna	Barisal	000	0	4	00	00	96	03	0	107	82	4	4	7	0	0	73	90
	Khulna	000	0	2	30	03	97	02	0	042	87	0	2	4	0	0	73	93
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	3	00	00	97	01	1	103	85	2	4	4	0	1	72	90
Rajshahi	Pabna	000	0	0	00	00	//	02	0	100	85	0	0	9	0	0	72	90
	Sirajganj	000	0	0	00	00	//	00	0	111	82	0	0	9	0	0	70	87
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	0	00	00	96	00	/	///	//	0	0	9	0	0	73	87
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	0	00	00	96	00	0	067	80	0	0	9	0	0	76	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	098	87	0	0	9	0	0	63	91
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..
Rawalpindi	Jhelum	000	0	1	23	02	97	02	0	102	84	1	1	7	0	0	62	91
	Islamabad																	
	Rawalpindi	000	0	4	11	02	//	//	/	///	//	0	0	9	0	0	58	90
	Campbellpur																	
Sargodha	Khushab																	
	Sargodha	000	0	1	00	00	97	03	0	107	86	0	0	9	0	1	67	91
	Lyallpur	000	0	0	00	00	96	00	0	099	90	0	0	9	0	0	64	93
Multan	Sahiwal																	
	Multan	000	0	0	05	02	96	02	0	109	87	0	0	9	0	0	67	91
	Leiah	000	0	0	27	00	94	00	0	059	91	0	0	9	0	0	54	91
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	100	90	0	0	9	0	0	56	95
	Bahawalpur	000	0	0	00	00	99	00	0	091	//	0	0	9	0	0	56	//
	Fort Abbas	///	/	0	23	02	98	00	0	///	//	0	0	9	0	0	82	91
Peshawar	Chakdra	000	0	0	36	02	98	02	0	007	80	1	1	9	0	0	54	85
	Peshawar	000	0	1	00	00	97	02	0	109	82	0	0	6	0	0	60	87
	Haripur	000	0	0	18	02	98	00	0	110	82	0	0	9	0	0	56	87
D.I. Khan	Bannu	000	0	0	18	02	98	00	0	110	82	0	0	9	0	0	56	87
	D.I. Khan	000	0	0	00	00	97	03	0	108	90	0	0	9	0	0	75	91
Quetta	Sibi	000	0	0	18	03	97	02	0	122	99	0	0	9	0	0	61	00
	Nokkundi	000	0	0	13	03	97	02	0	072	92	0	0	9	0	0	47	93
Kalat	Turbat	000	0	0	05	02	96	//	/	955	02	0	0	9	0	0	//	02
	Jiwani	000	0	0	23	07	96	02	4	090	86	0	0	9	0	0	75	92
	Pasni	000	0	0	05	04	97	02	0	105	//	0	0	0	0	0	80	95
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	0	23	05	97	02	0	096	85	0	0	9	0	0	77	88
	Karachi (Airport)	000	0	0	27	07	96	02	0	095	88	0	0	9	0	0	77	97
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	131	87	6	6	6	0	0	86	02
	Chhor	000	0	3	27	03	96	03	0	088	98	3	5	6	0	0	50	03
	Hyderabad	000	0	1	23	02	97	02	0	095	97	1	0	9	3	0	56	02
	Badin	000	0	0	31	04	97	02	0	091	98	0	0	9	0	0	68	00
Khairpur	Padidan	000	0	0	31	03	97	02	0	100	95	0	0	9	0	0	41	96
	Nawabshah	000	0	0	31	05	96	02	0	106	95	0	0	9	0	0	60	97
	Sukkur	000	0	0	11	05	96	02	0	077	93	0	0	9	0	0	65	96
	Kashmore	...	..		..	...	...		...	...	...	..	...	..		...	..	...
	Jacobabad	000	0	0	00	00	97	02	0	103	94	0	0	9	0	0	59	95
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	2	07	02	98	00	0	517	//	0	0	9	0	0	49	64
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	0	36	02	98	00	0	503	73	0	0	9	0	0	60	73
	Kakul *	000	0	2	23	02	98	03	0	521	73	1	2	6	0	1	45	75
	Landikotal *	000	0	0	31	05	98	02	0	441	70	0	0	9	0	0	56	80
	Prachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	///	81	0	0	9	0	0	51	82
	Wana *	000	0	0	00	00	99	00	0	474	81	0	0	9	0	0	41	82
Quetta	Fort Sandeman *	000	0	0	23	02	98	02	0	503	81	0	0	9	0	0	//	83
	Hindubagh *	000	0	0	20	03	97	02	0	487	73	0	0	9	0	0	47	78
	Loralai *	...	...	...	...	...	..	..	...	...	..	...	...	..	...	..	...	...
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	503	82	0	0	0	0	0	41	85
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	///	77	0	0	9	0	0	//	80
	Chaman *	000	0	0	00	00	97	00	0	532	83	0	0	9	0	0	31	84
	Nushki *	000	0	0	31	03	97	02	0	574	86	0	0	9	0	0	51	90
	Dalbandin *	000	0	0	05	03	97	02	0	534	88	0	0	9	0	0	38	91
Kalat	Kalat *	000	0	0	23	02	96	02	0	580	74	0	0	9	0	0	49	78
	Khuzdar *																	
	Panjgur *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Heights of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	2	18	02	98	01	0	151	77	2	3	6	0	0	70	73		—	95.4	—	100.8	—
	Cox's Bazar	000	0	3	05	05	98	01	1	137	82	1	5	5	0	2	74	72	— 2	— 1	—	—	—	140
	Chittagong	000	0	3	00	00	96	01	1	141	//	2	8	4	0	1	74	74	0	— 2	—	—	—	108
	Maijdee Court	000	9	2	00	00	97	03	0	134	82	2	2	5	0	0	78	74	+ 5	+ 3	115.3	+23.8	128.0	115
	Comilla	000	0	0	00	00	96	02	0	137	84	0	0	9	0	0	76	74		+ 3	83.5	+14.6	102.7	94
	Brahmanbaria	000	0	1	00	00	97	01	1	144	82	1	1	7	0	0	74	74	—	—	44.1	— 9.8	53.8	78
	Sylhet	000	0	2	09	03	97	01	0	144	80	1	4	5	3	0	70	70	—	—	120.3	—	148.2	—
	Srimangal	000	0	5	00	00	96	02	0	127	70	7	7	5	7	2	//	//	+ 1	/	61.5	— 3.3	83.0	98
Dacca	Mymensingh	000	0	0	00	00	96	00	0	141	74	/	/	/	/	/	72	//		/	62.1	— 6.7	77.3	91
	Narayanganj	000	0	5	05	02	97	02	2	144	57	4	6	6	3	/	76	77	0	+ 3	57.4	— 6.8	80.8	74
	Dacca (Tezgaon)	...	..	...	...	...	...		...	...	...			..			..	...	—					—
	Faridpur	000	0	0	00	00	97	00	0	142	83	0	0	9	0	0	74	72	+ 4	0	43.2	—16.8	56.8	71
Khulna	Barisal	000	0	2	00	00	97	03	0	141	81	3	3	5	0	0	77	73	+ 3	0				81
	Khulna	000	0	0	00	00	97	00	0	110	86	0	0	9	0	0	77	83	—	—	—	—	—	68
	Satkhira	000	0	0	00	00	97	00	0	145	82	/	/	/	/	/	74	72		—	56.3	+ 6.1	61.6	65
	Jessore	000	3	0	03	00	97	05	4	143	82	0	0	9	0	0	71	72	+ 3	0	—		—	65
Rajshahi	Pabna	000	0	0	00	00	97	02	0	146	85	0	0	9	0	0	74	74	—	—	—	—	—	59
	Sirajganj	000	0	0	00	00	98	00	0	152	80	0	0	9	0	0	72	72	+ 1	+ 1	43.5	— 6.0	56.2	64
	Rajshahi	000	0	0	05	03	97	02	0	154	//	0	0	9	0	0	72	72		+ 1	—	—		—
	Bogra	000	0	0	00	00	96	02	0	148	80	0	0	9	0	0	74	74	+ 1	+ 3	—	—	—	69
	Dinajpur	000	0	0	00	00	96	00	0	153	82	0	0	9	0	0	68	78		+ 8	73.7	+13.4	95.7	72
	Rangpur	000	0	0	05	02	96	01	0	144	77	0	0	9	0	0	70	70	+ 4	+ 1	66.4	— 0.5	86.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	146	73	0	0	9	0	0	62	65	— 3	+ 7	13.4	— 1.3	18.0	19
	Sialkot	000	0	0	00	00	97	00	0	120	65	0	0	9	0	0	//	51		— 16	7.0	—16.8	11.5	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad																							—
	Rawalpindi	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	5				36
	Campbellpur																							—
Sargodha	Khushab																							15
	Sargodha	000	0	0	18	02	96	04	0	140	69	0	0	9	0	0	62	64	—	—	17.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	136	69	0	0	9	0	0	62	64	0	+ 3	4.6	— 4.8	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	0	09	02	96	04	2	143	73	0	0	9	0	0	62	64	— 3	+ 2	8.3	+ 3.3	1.3	7
	Leiah	000	0	0	18	01	92	00	0	115	72	0	0	9	0	0	64	64	—		1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	137	75	0	0	9	0	0	56	59	0	0	0.2	— 4.6	1.1	6
	Bahawalpur	...	...	...	..	...	...	...	...	...	...	...	..	...	..	...	—	...	/					6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	05	07	98	02	0	149	//	0	0	9	0	0	51	56	—	—	8.2	—	17.6	—
	Peshawar	000	0	0	00	00	97	02	0	150	68	0	0	9	0	0	58	59	0	— 1	5.2	+ 0.6	14.0	11
	Haripur	...	...	...	.	...	...	...	...	...	...	...	...	..	...	..	...	...	—					—
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D.I. Khan	000	0	0	00	00	95	10	0	147	70	0	0	9	0	0	62	66	— 2	+ 5	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	23	03	97	02	0	150	69	0	0	9	0	0	52	69	—	—	0.2	—	0.2	8
	Nokkundi	000	0	0	00	00	97	00	0	030	74	0	0	9	0	0	37	66	—	—	0.0		0.3	3
Kalat	Turbat	000	0	0	03	02	96	00	0	978	75	0	0	9	0	0	38	//	—	/	0.2	—	0.2	—
	Jiwani	000	0	0	09	07	90	02	0	144	74	0	0	9	0	0	72	69	—	—	0.0	—	2.0	5
	Pasni	000	0	0	//	//	96	04	2	148	74	0	0	0	0	0	74	//	+ 3	/	0.0	— 0.8	0.0	4
Karachi division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	000	0	0	00	00	96	02	0	111	76	0	0	9	0	0	72	75	0	+ 2	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	0	31	02	96	02	0	144	75	0	0	9	0	0	69	46	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	171	84	0	0	0	0	0	83	84	—	—	0.1	—	0.1	—
	Chhor	...	...	...	...			...		...	...	...	...	...		...	...	..	—					7
	Hyderabad	000	0	0	31	03	97	02	0	143	77	0	0	9	0	0	65	75	+ 4	+ 5	0.2	— 5.8	0.3	9
	Badin	000	0	0	27	01	97	02	0	126	74	0	0	9	0	0	63	73	+ 5	+ 5	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	05	02	96	02	0	143	73	0	0	9	0	0	61	66	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	147	71	0	0	9	0	0	65	68	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	13	05	95	05	4	144	78	0	0	9	0	0	65	70	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	03	95	05	0	066	95	0	0	9	0	0	58	//		/	0.0	—	0.0	4
	Jacobabad	000	0	0	31	03	96	04	0	149	73	0	0	9	0	0	62	71	— 2	—	2.4	+ 0.1	2.7	30
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	05	02	98	00	0	538	58	0	0	9	0	0	33	50	— 1	+ 1	18.0	—19.1	35.6	18
Peshawar	Drosh *	000	0	0	09	03	98	02	0	567	56	0	0	9	0	0	41	54		+ 2	3.1	—	14.3	29
	Cherat *	...	..	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	— 3					—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Landikotal *	000	0	0	31	05	98	02	0	635	63	0	0	9	0	0	40	54	—	—	2.3	—	12.7	29
	Prachinar *																							13
D.I. Khan	Miranshah *	...	...	..	...	..	...	...	...	...	...	.	...	...	..	...	...	..	—					11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	00	00	97	20	0	532	60	0	0	9	0	0	32	54	+ 1	— 5	2.2	— 3.0	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	541	48	0	0	9	0	0	48	34	—	—	3.0	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	390	50	0	0	9	0	0	45	04		—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	511	62	0	0	0	0	0	34	//	—	/	4.0	— 3.7	5.6	9
	Samungli (Quetta) *	000	0	0	07	02	96	02	0	580	58	0	0	9	0	0	//	54	—	—	—	—	—	8
	Chaman *	000	0	0	09	03	97	00	0	517	63	0	0	9	0	0	39	60	+ 5	+ 1	2.1	— 1.6	4.7	—
	Nushki *	000	0	0	07	05	97	02	0	587	72	0	0	9	0	0	29	66	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	529	58	0	0	9	0	0	//	52	+ 4	+ 5	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	18	02	97	02	0	559	60	0	0	9	0	0	25	43	+ 4	+ 3	0.8	— 0.5	2.2	—
	Khuzdar *																							5
	Panjgur *																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $P_oP_ot_oT_oT_oD_oD_o$	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00		MISDA						...	...	...	...	...	...
Dacca ...	00 00	012 260 21	...	500 150 61	141 064 61	583 091 70	752 205 72	960 202 35	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	071 232 07	...	500 220 07	142 080 55	582 075 //	752 185 //	961 345 //	027 302 34	...	...	...	...	...
Multan ...	00 00	998 190 23	...	550 216 53	152 045 25	176 290 20	738 312 //	937 226 5/	...	...	...	...	...	...
Peshawar ...	00 00	921 184 48	...	545 166 56	136 074 57	582 090 //	750 235 //	029 305 94	225 525 //	...	...	...	...	...
Quetta ...	00 00	825 128 62	...	...	081 170 //	586 011 //	760 123 //	975 233 //	265 28/ 3/	...	...	...	...	...
Sargodha ...	00 00	998 230 56	...	590 204 57	204 060 50	586 135 //	752 245 //	956 365 //	752 245 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 188 57	800 126 62	600 000 40	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 204 //	600 094 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	175 04	160 03	115 01	350 02	320 02	280 06	270 10	250 18	255 20	005 03	050 06	/// //	055 08	300 04	260 13	005 05	010 05	010 07	030 05	090 05	220 11	270 16	270 13	245 13	...	...
Bogra ...	350 04	350 04	360 02	205 03	160 04	280 07	265 10	...	260 13	055 03	020 05	305 4/	155 04	170 05	250 10	335 03	345 03	345 03	150 01	150 01					...	...
Chaklala ...		270 08	285 09	290 08	285 05	320 10	285 13	295 19	315 24		040 03	330 7/	330 09	340 08	345 10		310 02	325 03	325 05	325 04	285 02	310 08	315 09	315 13		...
Chhor ...	310 03	335 04	065 07	070 07	040 10	010 10	...	...	...																	
Chittagong ...	180 03	385 02	200 05	220 07	230 07	280 04	...	...	...	025 12	010 07	350 06	020 07	030 05	060 06	030 03	355 04	355 03	020 03	040 03	075 03	015 08	340 10	315 34	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...
Cox's Bazar ...	040 07	050 06	370 02	250 12	260 15	245 15	...	...	...	025 10	005 08	350 04	215 07	24/ 05	340 05	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	105 08	040 06	002 //	360 01	065 05		...	...	...	...	—					020 10	025 10	030 10	020 13	0'0 14	...	...	...	...	...	...
Dalbandin .	...	...	075 60	065 12	015 08	815 15	030 07	275 06	275 06	...	...	250 07	270 12	285 18	315 33	...	...	070 02	325 07	235 10	240 03	160 04	285 09	305 11	...	...
D. I. Khan .	160 03	250 06	220 06	110 07	150 07	310 03	271 19	257 19	265 16	305 06	060 08	040 07	100 05	140 01	310 04	...	...	...			...	...	...	...	...	...
Drosh ...	...	...		240 0/	270 05	235 03	360 04	310 08	310 15	...	...	...				...	...	...		835 06	020 14	335 15	355 11	335 15	325 12	303 10
Fort Sandeman ...	...	...	...	195 05	250 11	245 14	285 14	325 14	310 23	...	...	...	225 02	280 09	290 09	...	...	...	240 05	220 56	310 10	290 08	255 04	260 08	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	305 02	275 09	325 09	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...							...	...
Jacobabad ...	005 03	080 04	055 02	285 03	260 03	140 07	005 21	330 18	330 26	130 06	155 03	260 05	275 07	290 07	360 55	145 07	315 03	225 06	225 13	245 15	285 08	035 07	350 08	305 //	...	...
Jessore ...	225 01	310 02	340 03	325 04	235 85	260 09	...	...	...	045 07	050 08	055 07	075 04	145 06	360 02	330 06	005 06	015 05	125 05	215 06	275 09	255 10	250 21	250 10	...	...
Jhelum ...	215 04	285 0/	285 09	330 11	305 08	315 10	290 22	300 12	335 56	330 84	310 11	315 15	310 13	305 13	220 19	070 01	170 04	240 07	305 18	305 14	325 13	325 18	325 20	340 20	...	...
Jiwani ..	245 03	340 04	340 06	005 12	010 18	015 17	075 05	360 06	355 09	050 04	022 06	030 07	125 08	135 12	070 17	100 09	125 10	160 10	100 05	075 09	070 14	155 05	280 05	295 09	.	...
Karachi ...	170 11	135 12	105 14	085 17	070 12	355 15	025 11	...	350 18	...						345 07	350 04	090 03	150 04	170 04	110 12	065 10	350 08	325 15	...	...
Khanpur ..	015 11	033 16	030 2/	350 22	310 17	275 17	255 //	195 07		315 01	335 10	335 14	295 21	270 19	280 13	190 10	205 10	240 10	265 15	255 17	260 11	275 08	005 15	360 24	...	...
Khuzdar ...	...	...	...	...	...	.	...	...	...	...	...		250 03	250 11	340 06										...	...
Lahore ...	...	...	...	...	...	...	...	..	...	310 05	305 07	330 07	325 07	305 09	315 12	290 02	310 05	320 05	325 8/	305 10	320 16	330 14	335 18	335 16	...	...
Multan ...	...	...	...	...	...	...	...	...	...	115 07	090 05	050 05	345 06	335 09	325 12	185 13	195 13	205 11	220 07	210 06	250 21	270 23	285 19	320 14	...	...
Nawab Shah ..	130 15	320 05	360 05	320 02	073 06	070 15	...	...	...	210 07	060 07	070 06				020 05	070 02	015 02	010 03	075 04	054 13	015 08		...	...	...
Nokkundi ...	...	...	145 06	115 03	050 06	030 07	270 06	295 12	275 15	..	...	020 05	005 06	345 08	320 10	...	.	090 07	150 06	160 03	325 07	155 04	275 10	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	.	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.
Peshawar ...	...	...	...	...	...	...	...	...	...	.	..	...				...			...	...	...	...	...	...	...	..
Parachinar ...	...	...	...	130 04	150 10	320 28	290 17		315 19	..	...	...	270 03	100 05	...				...	..	...	...	...	...	...	..
Quetta ..	...	...		...	300 08	265 02	340 16	315 12	310 19	...							...	...	...	145 01	275 05	290 0/	275 29	295 15	.	...
Sargodha ...	225 03	270 03	345 06	330 07	290 08	285 15	280 19	315 17	310 05	250 10	275 12	285 10	330 04	330 04	320 21	250 05	280 08	285 06	275 04	295 09	320 17	320 18	350 15	323 02	...	...
Skardu ...	...	...	...	315 01	/// //	335 04	355 03	015 11	...							...	...	..	...	...	...	...	...	...	...	—
Sylhet ...	/65 03	165 03	150 03	230 02	260 04	251 10	..	..	...	105 06	/00 5/	070 06	355 05	010 05	010 10	..	—	..	..	...	...	...	...	...	...	...
Veraval ...	...	...	..	...	...	...		...	...	..	...		...	...		—	...	...	...	...	—	...	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	005 04	355 03	330 50	150 01	105 04	230 07	255 10	/// //	245 30	...	...	...	...	...	...	...	...	...
Dacca ...	030 03	030 03	015 05	/// //	190 07	/// //	245 15											
Gilgit ...																		
Jiwani ...																		
Karachi ...	320 08	115 08	145 06	145 05	095 06	090 11	050 12	025 15	350 21	...	...	...	...	...	...	...	...	...
Multan ...										...	...	...	...	...	...	...		
Peshawar ...		355 08	/// //	335 08	300 07	320 12	325 17	330 13	315 16	...	...	...	...	...	...			
Quetta ...										...	...	...	...	...	...			
Sargodha ...	275 01	275 04	275 07	300 08	335 08	315 13	320 23	330 23	320 20	...	—	...	...	...	...			

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

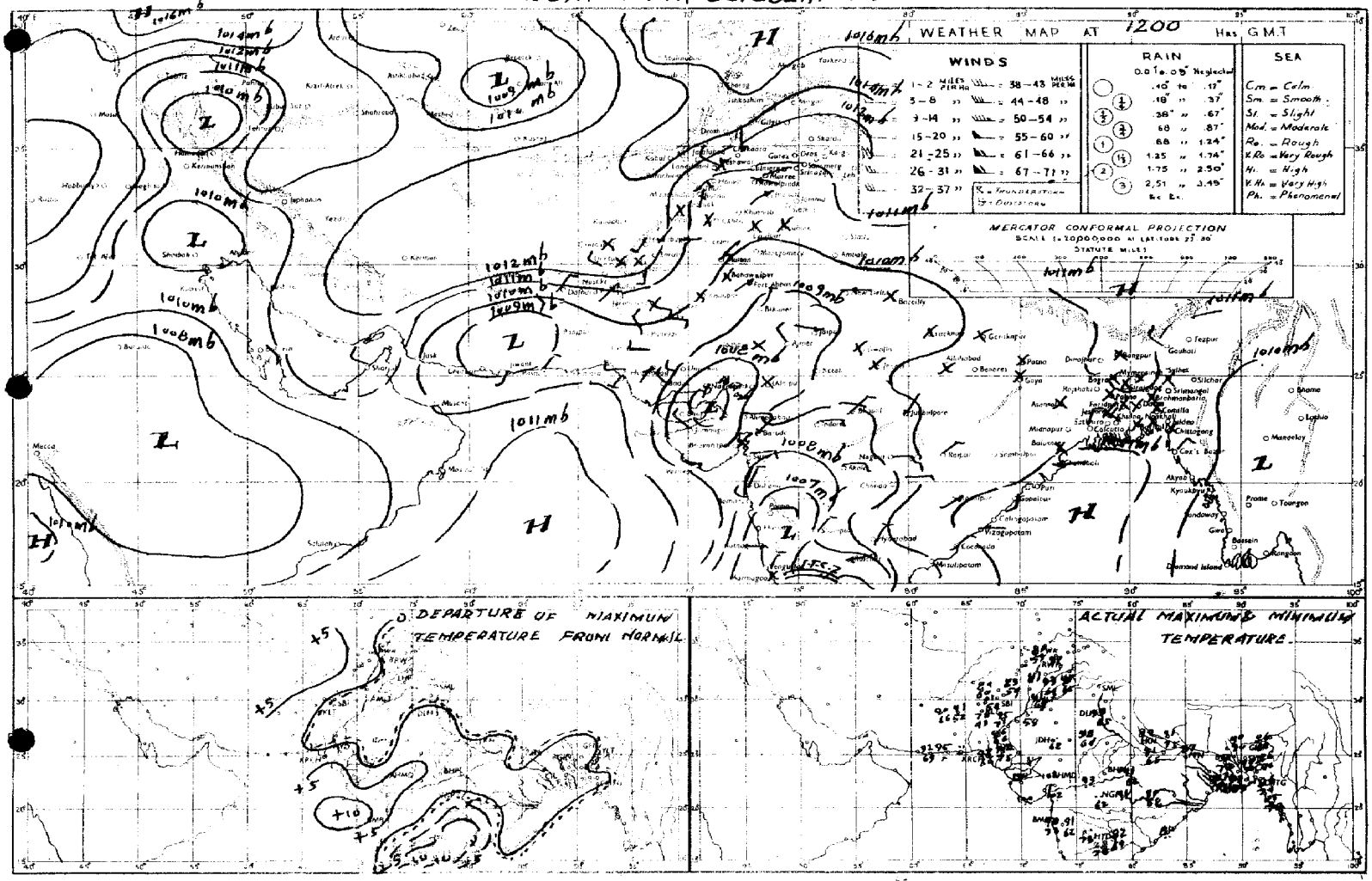
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

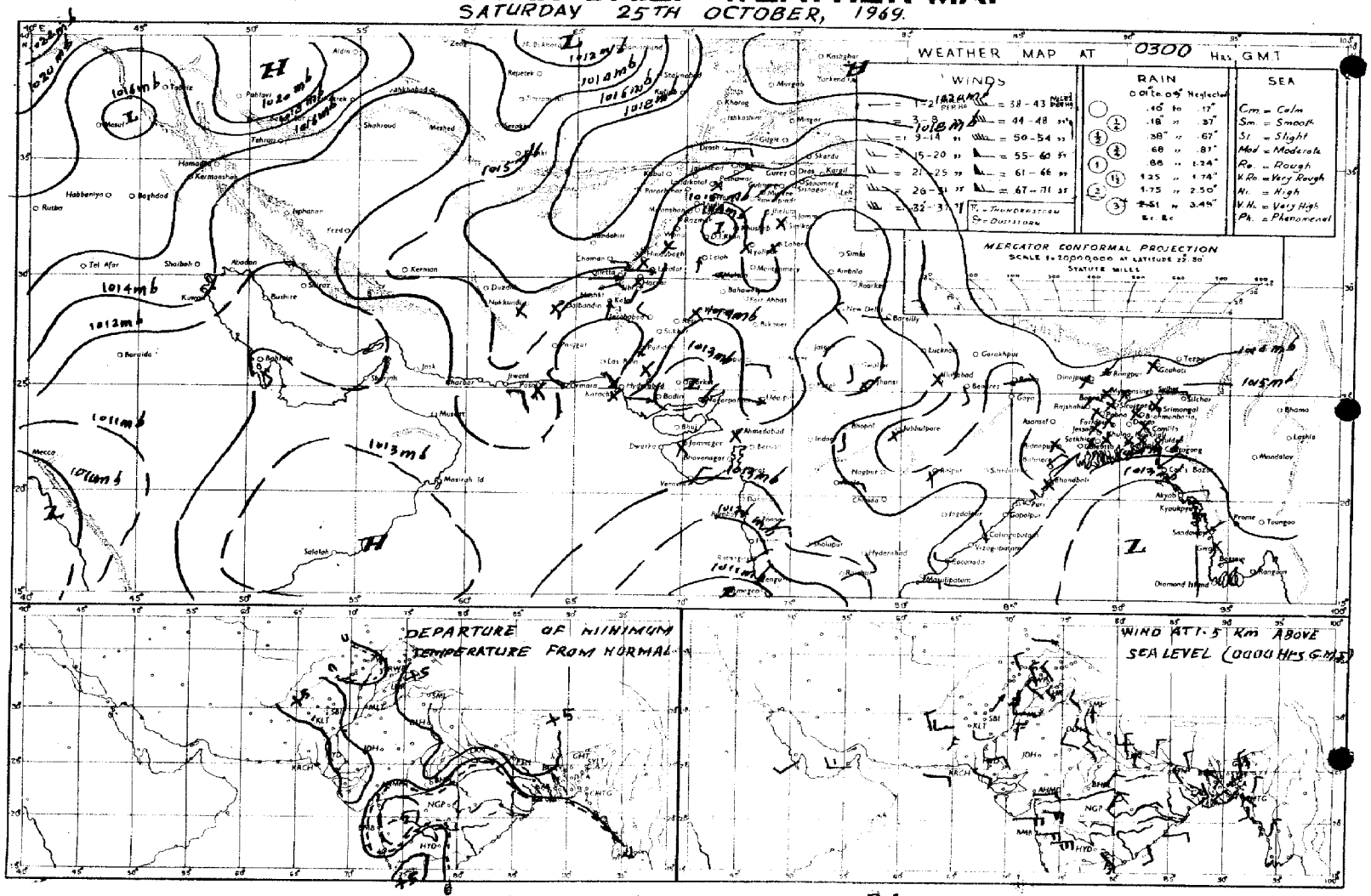
FRIDAY 24TH OCTOBER, 1969



12 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 25TH OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 26th OCTOBER 1969.

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

Yesterday's well marked low pressure area in east central Arabian Sea off Mysore and south Maharashtra coast persists. Yesterday's low pressure area over Khairpur division now extands from Kalat division to north Rajasthan. A westerly low pressure wave is moving across East Russian Turkistan. A few light showers have occurred in Chittagong division. Otherwise dry weather prevailed in the country.

Day temperatures were 3 – 8 °F (2--4 °C) above normal in Chittagong, Khulna, Rajshahi, Bahawalpur, Peshawar, Quetta, Kalat, Hyderabad and Karachi divisions and were nearly normal elsewhere in the country.

Forecast valid until the evening of 27th October 1969 : — A few thunderstorms may occur in Peshawar and Rawalpindi divisions and Kashmir. Weather is likely to remain dry elsewhere in the country.

Karachi-11
The 26th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G. M. T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature *	Amount of Lowest Cloud †	Low Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total clud amount	Wind direction in tens of degrees	Wind speed in konts	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Maximum temperature	Minimum Temperature	Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	27	02	96	01	0	113	85	1		7	/	/	//	90	000	0	2	27	02	98	01	0	137	77	2	3	6	0	0	73	76	/	—	95.4	—	100.8	—
	Cox's Bazar	000	0	2	31	06	//	02	0	112	82	2		5	2	1	73	96	080	0	1	36	06	97	02	0	138	82	1	5	1	0	0	77	73	— 1	+ 2	—	—	—	140
	Chittagong	000	0	6	27	02	96	02	2	110	82	2	4	4	0	1	73	87	000	0	1	09	02	96	02	4	141	81	0	0	9	3	0	76	73	1	+ 2	—	—	—	108
	Maijdee Court	000	9	0	00	00	97	00	0	104	85	0	0	9	0	0	75	87	015	9	0	00	00	97	00	0	123	84	0	0	9	0	0	72	73	+ 2	+ 3	115.4	+23.5	128.2	115
	Comilla	000	0	0	00	00	96	01	0	107	85	0	0	9	0	0	75	90	000	0	3	00	00	96	02	0	130	81	3	4	7	0	0	73	72	+ 3	+ 2	83.5	+14.4	102.7	94
	Brahmanbaria	000	0	0	27	02	96	00	1	106	85	0	0	9	0	0	77	87	000	0	6	05	02	97	03	1	148	84	0	0	9	4	0	76	76	—	—	44.1	—10.1	53.8	78
	Sylhet	000	0	1	00	00	//	02	0	103	80	1	1	6	0	0	73	90	000	0	6	03	00	97	01	2	142	81	2	4	5	3	0	72	72	—	—	120.3	—	148.2	—
	Srimangal	000	0	5	09	00	//	02	0	112	77	3	5	6	2	2	75	87	000	0	3	00	00	96	00	0	141	81	0	0	9	2	2	73	70	+ 2	+ 3	61.5	— 3.7	83.0	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	116	82	0	0	9	0	0	73	88	000	0	0	00	00	97	00	0	144	82	0	0	9	0	0	73	73	+ 2	+ 3	62.1	— 6.8	77.3	91
	Narayanganj	000	0	0	00	00	//	00	0	106	87	0	0	9	0	0	74	88	030	0	6	13	02	97	02	2	161	88	5	6	6	3	1	73	77	+ 1	+ 5	57.4	— 4.4	80.8	74
	Dacca (Tezgaon)	000	0	2	00	00	96	02	0	107	82	2	2	6	0	0	70	88	000	0	6	05	02	97	02	2	141	81	0	0	9	5	0	70	73	—	—	—	—	—	—
	Faridpur	000	0	0	00	00	93	00	0	100	83	0	0	9	0	0	68	88	030	0	3	00	00	97	01	1	140	81	3	0	9	1	0	72	73	+ 2	+ 2	43.2	— 8.0	56.8	71
Khulna	Barisal	000	0	5	00	00	//	02	2	110	80	4	4	4	0	2	75	87	000	0	3	09	02	97	02	0	139	82	1	5	5	0	0	76	72	0	+ 1	54.3	— 7.1	64.2	81
	Khulna	000	0	0	00	00	97	00	0	103	86	0	0	9	0	0	73	94	000	0	0	00	00	96	00	0	110	86	0	0	9	0	0	77	82	—	+ 12	67.0	+14.4	73.0	68
	Satkhira	000	0	3	00	00	96	01	1	118	80	3	1	5	1	1	80	91	000	0	3	00	00	97	01	1	146	82	2	0	0	1	1	72	70	—	+ 2	56.3	+ 6.1	61.6	65
	Jessore	000	0	2	00	00	96	02	0	118	82	1	5	5	3	0	70	90	000	0	5	02	05	97	01	2	146	79	5	0	9	3	8	72	73	+ 3	+ 3	—	—	—	65
Rajshahi	Pabna																																								59
	Siraiganj	000	0	0	00	00	//	00	0	113	82	0	0	9	0	0	72	87	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	+ 1					64
	Rajshahi	000	0	0	00	08	95	02	0	117	82	0	0	9	0	0	66	88	000	0	0	05	02	97	01	1	151	78	1	5	5	0	0	70	77	+ 2	+ 1	—	—	—	—
	Bogra	000	0	1	31	02	//	01	0	112	//	1	5	5	0	0	72	88	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	+ 2					69
	Dinajpur	000	0	0	00	00	//	00	8	111	85	0	0	9	0	0	69	87	000	0	0	00	00	96	00	0	154	81	0	0	9	0	0	67	70	+ 1	+ 3	13.7	—46.6	55.7	72
	Rangpur	000	0	0	00	00	96	01	0	074	79	0	0	9	0	8	74	90	000	0	0	00	00	96	01	0	145	77	0	0	9	0	0	70	68	+ 4	+ 1	66.4	— 1.6	86.0	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	111	87	0	0	9	0	0	60	90	000	0	0	00	00	96	02	0	136	72	0	0	9	0	0	61	58	— 4	0	13.4	— 1.3	18.0	18
	Sialkot	000	0	0	00	00	99	00	0	060	90	0	0	9	0	0	//	98	000	0	0	00	00	//	03	0	190	63	0	0	9	0	0	56	//	+ 6	/	7.0	—16.8	11.5	32
Rawalpindi	Jhelum	000	0	0	23	03	97	02	0	104	//	0	0	9	0	0	62	91	000	0	0	00	00	96	04	0	129	70	0	0	9	0	0	//	63	—	—	—	—	—	—
	Islamabad																																								
	Rawalpindi	000	0	0	27	02	99	00	0	100	82	0	0	9	0	0	56	87	000	0	0	00	00	97	00	0	141	63	0	0	9	0	0	56	59	— 2	+ 8	20.1	— 4.0	30.1	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	13	11	97	00	0	113	96	0	0	9	0	0	72	95	000	0	0	00	00	97	06	0	127	70	0	0	0	0	0	65	68	+ 1	+ 10	4.4	— 6.0	7.8	15
	Sargodha	000	0	0	00	00	97	02	0	106	90	0	0	9	0	0	64	94	...	...	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	—					—
	Lyallpur	000	0	0	00	00	96	00	0	102	87	0	0	9	0	0	62	91	000	0	0	29	02	96	00	0	126	72	0	0	9	0	0	63	63	— 2	+ 7	4.6	— 4.6	7.7	12
Multan	Sahiwal																																								10
	Multan	000	0	0	00	02	96	02	0	109	90	0	0	9	0	0	59	94	000	0	0	03	00	96	02	0	///	//	0	0	9	0	0	53	67	0	+ 10	0.3	+ 3.3	1.3	7
	Leiah	...	..	...	...	...	..	...	...	...	...	...	..	..		...	..	..	000	0	0	18	01	92	03	0	115	72	0	0	9	0	0	65	67		—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	1	88	08	97	//	0	///	03	0	0	9	0	0	53	03	000	0	0	23	02	97	02	0	115	72	0	0	9	0	0	59	61	+ 8	+ 4	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	096	90	0	0	9	0	0	56	95	000	0	0	00	00	96	00	0	141	77	0	0	9	0	0	65	65	+ 1	— 9	0.7	— 3.6	2.0	6
	Fort Abbas	...	..	..	—	...	..	..	..	...	...	..	..	..		...	...	..	000	0	0	05	02	98	00	0	121	77	0	0	9	0	0	70	70		—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	36	02	98	02	0	084	82	0	0	9	0	0	73	86	000	0	0	00	00	98	00	0	136	59	0	0	9	0	0	50	56	—	—	8.2	—	17.6	—
	Peshawar	000	0	0	05	02	96	04	0	101	85	0	0	9	0	0	60	87	000	0	0	00	00	96	04	0	137	64	1	3	7	1	8	59	63	0	+ 8	5.2	+ 0.6	14.0	11
	Haripur	000	0	0	05	03	98	00	0	112	80	0	0	9	0	0	36	90	003	0	0	36	03	98	00	0	153	70	0	0	9	0	0	37	59	—	—	9.8	—	20.8	—
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	094	85	0	0	9	0	0	64	90	000	0	0	27	01	99	00	0	125	68	0	0	9	0	0	59	65	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	96	02	0	104	50	0	0	9	0	0	69	94	000	0	0	00	00	96	02	0	134	70	0	0	9	0	0	63	68	+ 1	+ 13	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	13	03	97	02	0	105	99	0	0	9	0	0	68	00	800	0	0	27	03	97	02	0	157	67	0	0	9	0	0	54	//	—	/	0.2	—	0.2	3
	Nokkundi	000	0	0	00	00	97	02	0	689	95	0	0	9	0	0	41	97	000	0	0	00	00	97	02	0	143	72	0	0	9	0	0	40	67	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	983	C0	0	0	9	0	0	37	00	000	0	0	08	02	96	00	0	016	72	0	0	9	0	0	42	//	—	/	0.2	—	0.2	—
	Jiwani	000	0	0	13	12	96	02	0	130	84	0	0	9	0	0	75	85	000	0	0	36	05	93	46	0	153	69	0	0	9	0	0	69	69	—	—	0.0	—	2.0	8
	Pasni	000	0	0	11	10	97	02	0	148	84	0	0	0	0	0	72	96	000	0	0	31	01	97	02	0	167	69	0	0	0	0	0	67	43	—	—	0.0	— 0.7	0.0	6
Karachi division	Ormara																																								6
	Lasbela	000	0	0	00	00	98	00	0	104	03	0	0	8	0	0	59	06	///	0	3	00	00	98	00	0	143	71	0	0	8	0	0	69	59	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	27	03	97	02	0	115	91	0	0	9	0	0	63	94	000	0	0	00	00	96	02	0	133	79	0	0	9	0	0	69	76	+ 6	+ 7	1.0	— 4.6	1.1	8
	Karachi (Ariport)	000	0	0	23	05	96	02	0	117	98	0	0	9	0	0	58	02	000	0	0	27	02	96	02	0	141	73	0	0	9	0	0	63	68	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	131	87	6	6	6	0	0	86	02	000	0	0	05	02	97	02	0	171	84	0	0	0	0	0	83	84	—	—	0.1	—	0.1	—
	Chhor	...	...	..	...	...	...	..	...	..	...	...	..	..	..	..	..	..	000	0	0	00	00	96	02	0	126	73	0	0	9	0	0	54	64	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	31	02	97	02	0	112	99	0	0	9	0	0	54	02	000	0	0	00	00	97	02	0	130	81	0	0	9	0	0	57	75	+ 4	+ 9	0.2	— 5.8	0.3	8
	Badin	000	0	0	31	04	97	02	0	093	99	0	0	9	0	0	66	99	000	0	0	31	01	97	02	0	126	74	0	0	9	0	0	62	71	+ 4	—	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	27	03	96	02	0	112	99	0	0	9	0	0	59	01	000	0	1	09	02	97	03	0	122	73	0	0	9	3	0	58	65	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	27	03	96	02	0	116	99	0	0	9	0	0	//	03	003	0	1	13	02	96	03	0	129	71	0	0	9	0	0	53	64	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	23	03	96	02	0	104	99	0	0	9	0	0	54	01	000	0	0	13	02	95	05	4	102	77	0	0	9	0	0	69	71	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	02	98	02	0	075	98	0	0	9	0	0	55	00	...		...	...		...			...	...	...	...	...	..	...	...	...	—					4
	Jacobabad	000	0	1	08	03	97	02	0	099	95	0	0	9	0	0	61	98	000	0	0	18	05	96	04	0	127	//	0	0	9	0	0	61	71	+ 1	— 12	2.4	0.1	2.7	20
Junagadh	Versaval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	...	..	...	...		..	...	...	...	...	..	..	—	..	..	...	...	000	0	0	31	05	98	00	0	506	58	0	0	9	0	0	//	50		/	18.1	—19.0	35.6	18
Peshawar	Drosh *	000	0	0	31	03	97	02	0	514	73	0	0	9	0	0	52	84	000	0	0	13	03	98	02	0	556	55	0	0	9	0	0	32	53	+ 8	—	3.1	—	14.3	29
	Cherat *	...	...	..	...	...	...	...	...	—	...	...		...	..		—	...	000	0	0	00	00	98	00	0	533	63	0	0	9	0	0	50	//		/	4.0	— 8.5	14.4	—
	Kakul *																																								—
	Landikotal *	000	0	0	31	05	98	02	0	587	//	0	0	9	0	0	46	86	000	0	0	36	02	98	02	0	632	61	0	0	9	0	0	41	53	—	—	2.2	—	12.6	29
	Prachinar *	...	..	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	000	0	0	36	02	98	02	0	534	67	0	0	9	0	0	34	52	—	—	10.1	—	20.8	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	547	82	0	0	9	0	0	49	85	000	0	0	05	05	99	00	0	521	65	0	0	9	0	0	65	61	—	—	0.5	— 4.2	2.0	11
	Wana *	000	0	0	13	04	99	00	0	491	81	0	0	9	0	0	50	82	...	—	...	...	.	...	...	...	...	...	...	...	...	...	..	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	31	03	98	02	0	511	85	0	0	9	0	0	//	85	000	0	0	00	00	97	02	0	521	60	0	0	9	0	0	20	54	+ 3	+ 4	2.2	— 3.0	6.5	—
	Hindubagh *	000	0	0	27	03	97	02	0	465	76	0	0	9	0	0	45	78	000	0	0	00	00	97	00	0	541	48	0	0	9	0	0	//	40	/	—	3.0	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	390	80	0	0	9	0	0	55	85	000	0	0	27	02	98	02	0	390	55	0	0	9	0	0	45	45	—	—	0.6	—	0.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	459	67	0	0	0	0	0	70	//	...	..	..	...	...	..	...	..	..	...	...	...	...	...	..	..	...	/					9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	538	75	0	0	9	0	0	73	77	000	0	0	00	00	96	02	0	553	58	0	0	9	0	0	23	55	—	—	—	—	—	8
	Chaman *	000	0	0	27	03	97	00	0	535	84	0	0	9	0	0	54	85	000	0	0	09	03	97	00	0	517	63	0	0	9	0	0	39	60	+ 6	+ 11	2.1	— 1.6	4.8	—
	Nushki *	000	0	0	31	03	97	82	0	592	86	0	0	9	0	0	88	88	000	0	0	09	05	97	02	0	589	74	0	0	9	0	0	49	69	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	2	00	00	97	03	0	556	98	2	0	9	0	0	//	95	000	0	0	00	00	97	02	0	528	58	0	0	9	0	0	//	52	— 8	+ 4	0.0	— 0.2	0.3	7
Kalat	Kalat *	000	0	0	31	02	96	02	0	512	71	0	0	9	0	0	32	76	000	0	0	16	03	97	02	0	537	50	0	0	9	0	0	30	//	—	/	0.8	— 0.5	2.2	—
	Khuzdar *																																								5
	Panjgur *	000	0	0	00	00	96	02	0	541	89	0	0	9	0	0	53	//	000	0	0	00	00	96	02	0	532	62	0	0	9	0	0	42	56	—	+ 3	0.0	—	0.2	—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_tV_ta PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Almahrosa	99 1 74	10 6 78	24 1 83	23 6 12	98 8 10	12 3 29	00 9 /4		72 4 00	...	00 1 25	...	30 5 02	
Metula	99 2 54	10 5 74	25 0 63	13 0 404	98 0 20	14 5 27	11 4 00		...	...	0/ / 26	13 1 08	30 2 01	
Hina	99 2 35	10 5 92	25 0 63	00 9 04	99 0 20	15 9 86	00 0 00		...	83 2 22	01 2 77	16 4 80	30 0 00	
Metual	99 2 42	10 5 85	22 0 30	25 3 03	00 0 00	98 0 20	12 0 28	00 9 00	...	...	0/ / 24	12 8 24	30 0 00	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...			MISDA											
Dacca ...	00 00	013 290 57	...	490 170 61	172 074 11	588 069 64	759 173 57	970 301 65	245 171 //	...	...	...	...	...
Gilgit ...										...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	100 204 46	...	490 140 27	095 074 58	561 045 //	753 125 //	965 295 //	045 455 //	...	...	...	...	...
Multan ...	00 00	996 210 65	...	580 260 66	204 218 70	602 011 66	775 125 //	991 231 //	279 375 //	...	...	...	...	...
Peshawar ...	00 00	971 182 50	...	600 182 62	065 094 56	581 115 //	748 255 //	949 431 //	...	...	...	...	...	...
Quetta ...	00 00	825 132 62	...	...	060 106 40	573 161 //	737 255 //	940 367 //	215 453 //	...	...	...	...	...
Sargodha ...	00 00	997 224 40	...	600 205 56	196 064 25	584 131 //	751 235 //	955 375 //	245 545 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE
										$P_mP_mP_m$ d_md_m $i_mi_mi_m$	$P_tT_tP_tT_tT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...			MISDA										
Dacca ...	00 00	900 208 61	800 113 65	600 024 63	350 227 61	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 148 61	600 027 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	340 04	325 07	240 04	...	335 06		...	...	...	025 15	015 12	015 08	330 06	210 09	220 12	020 05	005 05	357 0	330 02	...	...	...	...	...	...	...
Bogra ...	340 03	340 04	330 04	180 06	130 02	310 08	...	...	...	...	...	...	...	...	...	005 04	030 04	030 03	155 02	...	...	...	...	...	...	...
Chaklala ...	1	275 10	290 10	300 06	315 08	330 12	300 10	295 14	310 17	...	095 02	270 03	320 03	320 11	355 12		110 04	050 03	305 06	295 09	325 10	360 11	330 09	335 11	...	...
Chhor ...	240 04	255 04	280 02	310 03	010 07	035 09	360 09	345 13	335 14	360 08	350 06	355 07	350 02	250 04	240 09	295 04	280 06	300 04	310 07	215 09	110 05	050 04	329 06	332 10	...	...
Chittagong ...	245 05	245 03	200 02	325 03	320 08	...	...	...	...	...	...	...	...	...	...	315 03	060 03	345 02	335 03	335 04	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	290 06	155 01	115 01	015 03	295 13	285 15	...	...	...	...	...	...	...	...	...	345 03	350 04	350 06	015 06	355 06	270 10	245 24	230 21	255 22	...	...
Dacca ...	320 10	325 03	325 08	260 05	185 06	135 09	275 10	280 15	265 15	...	...	...	...	...	...	315 02	315 04	355 03	070 08	105 10	150 10	240 11	265 21	275 25	...	...
Dalbandin ...	...	...	230 01	160 04	300 05	305 03	300 06	300 14	305 15			115 01	235 03	250 05	270 10	...	...	085 02	300 08	345 07	015 08	270 10	275 13	280 21	...	...
D. I. Khan ...	180 31	170 04	170 05	180 31	240 05	170 04	300 08	170 05	300 24	105 03	115 04	120 05	130 04	150 03	235 11	185 03	185 05	180 05	155 06	025 03	315 08	350 05	310 05	330 05	...	...
Drosh ...	...	...	...	160 02	075 01	010 03	010 12	325 10	250 12	...	...	...	075 01	055 02	045 03	...	...	...		...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	030 06	270 01	290 11	290 16	295 22	300 25	...	...	...	210 05	2 0 11	340 07	...	...	...	235 02	230 05	355 04	190 02	215 05	270 08	...	...
Gilgit ...				...	...	...	...			...	...	...	170 01	215 03	225 06	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...																									...	...
Jacobabad ...	205 05	220 07	240 07	300 09	345 85	330 07	335 11	320 13	313 18	130 02	205 11	205 10	240 09	250 01	035 06	197 61	237 07	210 10	210 08	325 03	350 03	210 18	260 23	265 35	...	...
Jessore ...	305 04	310 02	320 02	325 03	300 03	295 09	...	...	...	030 10	030 06	340 07	340 13	340 16	340 12	010 03	345 04	020 06	005 05	290 06	285 07	290 14			...	...
Jhelum ...	230 08	280 05	295 08	295 12	325 20	740 13	312 5/	315 13		110 05	295 03	310 04	315 11	310 14	310 17	115 06	120 12	120 13	170 05	275 10	280 17	290 22	310 24	330 23	...	...
Jiwani ...	115 06	115 07	115 07	030 06	060 10	075 09	290 03	285 06	285 10	235 08	205 09	210 09	195 03	060 06	350 13	270 07	230 10	235 07	340 04	005 09	070 13	085 05	280 12	270 14		...
Karachi ...	260 15	260 15	270 13	275 15	275 08	360 10	050 14	350 12	010 12	...	...	...	...	...		330 08	302 13	290 13	290 11	330 06	070 11	010 07	355 06	315 09	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	210 12	215 14	215 15	220 17	260 20	301 7	335 15	235 17	260 21	260 45	255 49	255 35	200 20	125 31	881 21	...	...
Khuzdar ...				255 07	270 08	330 05	005 07	325 14	335 12	...	...	...	310 06	340 15	355 06				270 04	235 09	345 11	215 05	335 10	360 16	...	...
Lahore ...	285 05	290 56	300 00	295 08	320 13	320 17	330 21	325 20	310 25	245 05	260 05	270 04	325 03	325 86	320 13	145 03	125 04	190 04	195 04	230 04	335 07	300 17	305 23	300 26	...	...
Multan ...	140 08	160 07	180 08	270 08	285 19	295 14	305 17	322 4/	320 24	150 15	180 10	330 10	250 13	265 12	275 15	160 09	140 11	110 10	110 06	250 17	225 11	230 18	285 15		...	...
Nawab Shah ...	260 03	290 03	080 03	045 07	360 05	005 10	340 17			225 10	210 08	220 06	195 02			190 06	700 06	215 05	230 03	280 03	230 07	320 05		280 03	...	...
Nokkundi ...	...		...	080 02	100 08	035 03	245 05	290 13	275 15	...	...	147 03	145 03	720 05	097 10	...	...	180 03	315 03	340 04	050 13	285 03	270 13	285 10	...	...
Panjgur ...				...															270 04	280 05	295 06	355 13	350 16	350 02	...	
Peshawar ...	...	045 04	110 02	180 09	280 10	300 13	305 20	290 15	285 14							...	075 03	145 04	230 03	295 11	315 18	321 24	315 18	310 06		
Parachinar ...	...	...	...	170 03	/// //	310 2/	215 13		310 24	...	...	...	255 04	130 04	...		...	...	...	235 02	080 03	250 05	240 06	285 06	275 09	255 16
Quetta ...				...	320 05	265 03	280 05	290 08	300 09											320 05	280 06	310 12	310 13	330 21	...	...
Sargodha ...	215 04	198 03	225 04	325 11	350 12	300 16	310 10	315 15	315 19	260 05	275 07	295 05	205 02	253 09	320 15	225 03	240 05	230 05	200 06	275 09	320 21	350 06	350 08	330 12	...	...
Skardu ...	...		...	245 02	/// //	360 6/	305 02	050 12	200 5/				295 02	/// //	298 02		...		120 83	/// //	040 05	250 01	220 08	015 08	...	...
Sylhet ...	320 06	315 06	285 03	115 05	095 05	155 07	...	...	...	010 11	005 09	005 07	360 04	355 10	280 08	095 05	080 07	090 09	100 11	090 29	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	050 06	360 05	350 04	280 04	240 10	220 09	200 08	...	215 25	...	...	...	...	...	...	...	...	...
Dacca ...	035 05	330 03	010 02	...	100 12	...	225 11	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	290 11	290 08	255 06	240 06	335 13	065 12	065 09	355 10	337 09	...	...	...	...	...	...	...	...	...
Multan ...	159 25	17/ 16	190 94	210 23	310 25	215 23	280 34	350 33	353 31	...	...	...	...	...	...	...	...	...
Peshawar ...	...	180 08	240 08	350 11	320 18	325 22	330 15	350 11	350 10	...	...	...	...	...	...	...	...	...
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

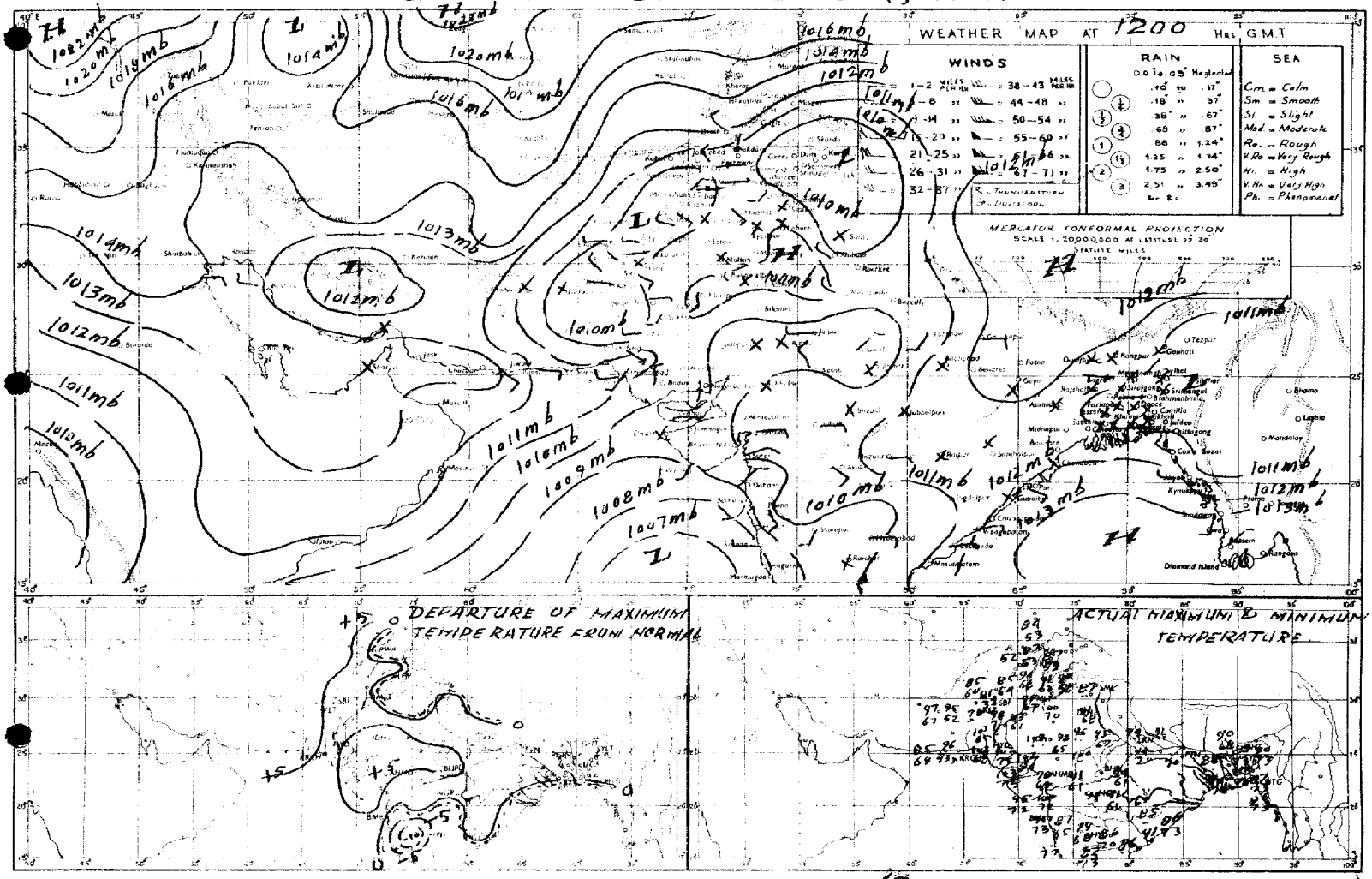
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

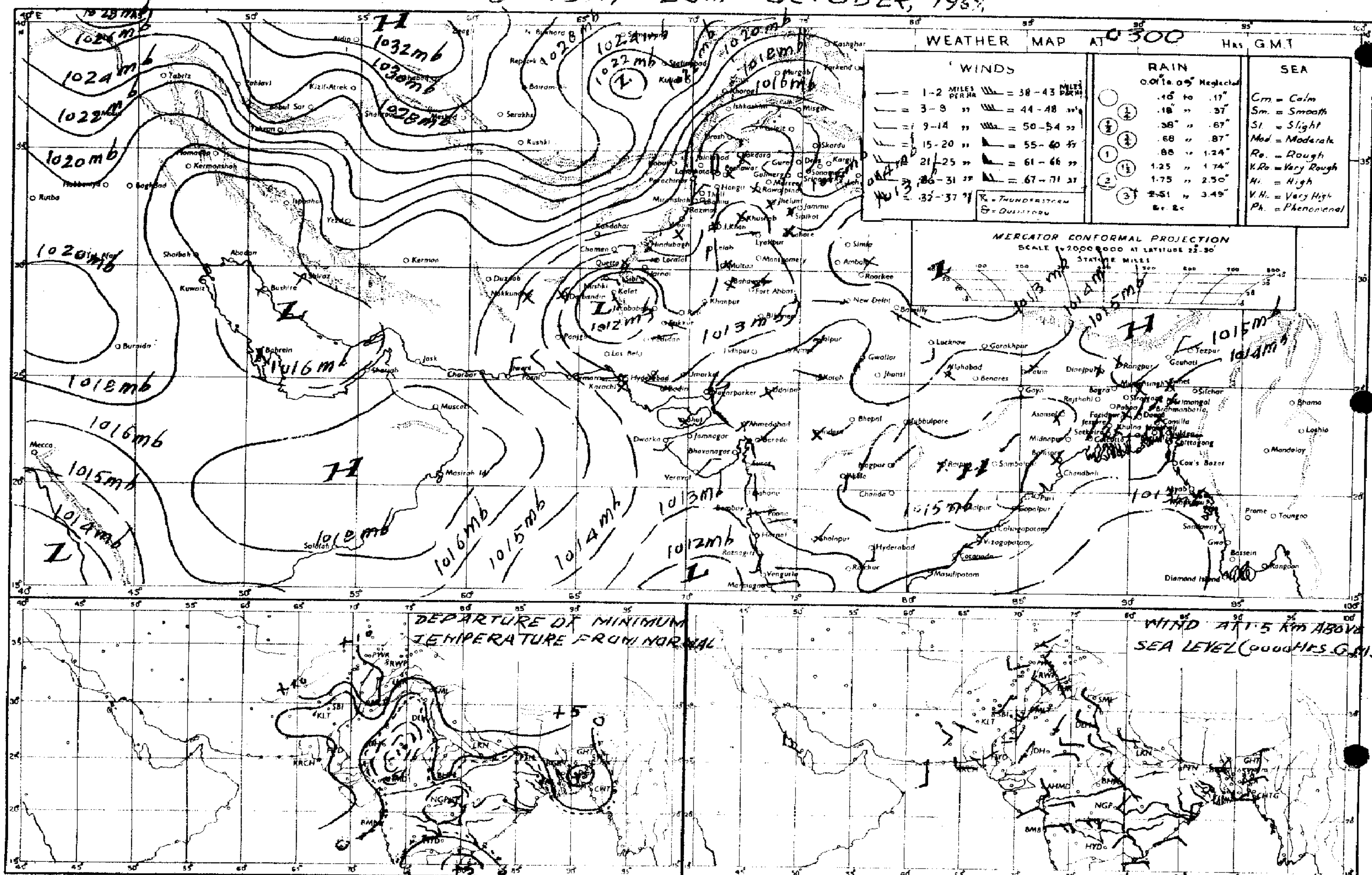
SATURDAY 25th OCTOBER, 1969.



12 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 26th OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 27th OCTOBER 1969.

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

Yesterday's well marked low pressure area off Mysore and Maharashtra coast has become unimportant. The westerly low pressure wave is moving across north of Kashmir. It has induced a secondary over Kalat divisions. Weather remained dry in the country.

Day temperatures were 8—12 °F (4—7 °C) above normal in Khulna, Sargodha, Quetta, Kalat, Karachi and Hyderabad divisions and were 3—7 °F (2—4 °C) so in Chittagong, Dacca, Bahawalpur, D. I. Khan and Khairpur divisions.

Forecast valid until the evening of 28th October 1969 :—Thunderstorm/showers will be local in Peshawar and Kashmir and scattered in Rawalpindi, Sargodha, D. I. Khan and Multan divisions. A few dust/thunderstorms are also likely to occur in Quetta, Khairpur and Bahawalpur divisions. Weather will remain dry elsewhere in the country.

Earth Quake Report :—Seismograph of Geophysical centre, Quetta, recorded an earth quake of moderate intensity on 26th Oct. 1969 11 Hrs. 56 Mts. W.P.S.T. The Epicentre lies about 2500 miles northwest of Quetta in Yagoslavia.

Karachi-11
The 27th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and cents.) (PPP)	Dry Bulb temperature° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	4	00	00	96	02	1	093	85	/	/	/	/	/	75	90
	Cox's Bazar	000	0	2	30	08	//	02	0	100	82	1	1	5	3	0	73	87
	Chittagong	000	0	2	27	02	96	02	2	100	82	1	1	5	3	0	73	90
	Maijdee Court	000	9	/	//	//	//	//	/	096	82	0	0	9	0	0	73	87
	Comilla	000	0	3	00	00	96	02	1	100	87	3	4	7	0	0	82	90
	Brahmanbaria	600	0	6	00	00	96	02	1	098	82	6	0	9	4	0	76	82
	Sylhet	000	0	6	00	00	//	02	2	091	90	4	4	5	3	/	73	90
	Srimangal																	
Dacca	Mymensingh	000	0	0	00	00	//	00	0	101	82	0	0	9	0	0	76	87
	Narayanganj																	
	Dacca (Tejgaon)	000	0	2	00	00	96	01	1	097	82	2	0	9	3	0	70	87
	Faridpur	000	0	1	34	02	93	00	0	098	82	0	0	9	0	1	67	87
Khulna	Barisal	000	0	7	00	00	/	02	2	100	80	5	4	4	2	0	72	87
	Khulna	000	0	0	00	00	97	00	0	103	86	0	0	9	0	0	73	93
	Satkhira	000	0	2	00	00	96	01	1	112	80	3	1	5	7	1	80	87
	Jessore	000	0	1	00	00	96	01	1	102	80	1	0	9	3	0	70	87
Rajshahi	Pabna	000	0	0	00	00	//	02	0	104	82	0	0	9	0	0	70	87
	Sirajganj	000	0	4	00	00	//	02	2	104	85	4	0	7	4	0	73	87
	Rajshahi	000	0	0	31	02	96	02	0	108	80	0	0	9	0	0	70	86
	Bogra	000	0	0	00	00	//	01	0	112	80	0	0	9	0	0	72	87
	Dinajpur	000	0	0	00	00	//	00	0	108	80	0	0	9	0	0	68	//
	Rangpur	000	0	0	00	00	96	01	0	098	78	0	0	9	0	0	73	87
Kashmir	Jammu																	
Lahore	Lahore (Intl Rd.)	000	0	0	00	00	96	02	0	098	87	0	0	9	0	0	60	90
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	23	05	97	02	0	095	87	0	0	9	0	0	67	90
	Islamabad																	
	Rawalpindi																	
	Campbellpur																	
Sargodha	Khushab	000	0	0	36	03	97	00	0	077	87	0	0	9	0	0	68	95
	Sargodha	000	0	0	00	00	//	00	0	095	86	0	0	9	0	0	67	91
	Lyallpur	000	0	0	00	00	96	00	0	090	98	0	0	9	0	0	77	99
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	05	0	087	87	0	0	9	0	0	63	90
	Leiah																	
Bahawalpur	Khanpur	000	0	1	00	00	97	02	0	096	93	0	0	9	0	0	58	02
	Bahawalpur	000	0	0	00	00	96	00	0	100	87	0	0	9	0	0	58	93
	Fort Abbas	///	/	9	05	02	98	00	0	120	77	0	0	9	0	0	70	78
Peshawar	Chakdra	000	0	1	18	05	98	03	0	065	82	0	0	9	0	4	58	85
	Peshawar	000	0	1	00	00	97	03	0	090	80	0	0	9	0	1	63	85
	Risalpur	000	0	0	23	03	98	00	0	104	80	0	0	9	0	0	58	87
D. I. Khan	Bannu	000	0	0	07	01	99	00	0	085	85	0	0	9	0	0	58	87
	D. I. Khan	000	0	0	00	00	97	02	0	104	90	0	0	9	0	0	63	94
Quetta	Sibi	000	0	0	18	03	97	02	0	082	99	0	0	9	0	0	66	00
	Nokkundi	000	0	0	27	03	97	02	0	069	95	0	0	9	0	0	47	98
Kalat	Turbat	000	0	0	05	03	96	00	0	955	00	0	0	9	0	0	37	//
	Jiwani	000	0	0	23	07	96	02	0	118	87	0	0	9	0	0	62	93
	Pasni	000	0	0	25	16	97	02	0	119	91	0	0	0	0	0	72	98
Karachi division	Ormara																	
	Lasbela	///	0	0	00	00	98	00	0	082	04	0	0	9	0	0	67	06
	Karachi (Manora)	000	0	0	23	03	97	02	0	105	84	0	0	9	0	0	77	89
	Karachi (Airport)	000	0	0	27	07	96	02	0	103	93	0	0	9	0	0	65	00
Hyderabad	Nagarparkar																	
	Chhor	000	0	0	23	02	96	02	0	090	89	0	0	9	0	0	49	02
	Hyderabad	000	0	0	23	07	97	01	0	087	00	0	0	9	0	0	45	05
	Badin	000	0	0	23	03	97	02	0	096	00	0	0	9	0	0	67	04
Khairpur	Padidan	000	0	0	27	03	97	02	0	086	99	0	0	9	0	0	67	02
	Nawabshah	000	0	0	00	00	96	02	0	090	01	0	0	9	0	0	47	03
	Sukkur	000	0	0	05	02	96	02	0	097	99	0	0	9	0	0	54	01
	Kashmore	000	0	0	00	00	98	02	0	086	95	0	0	9	0	0	58	97
	Jacobabad	000	0	0	16	03	97	02	0	078	96	0	0	9	0	0	61	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	09	00	98	00	0	517	58	0	0	9	0	0	47	67
Peshawar	Drosh *	000	0	5	23	03	97	03	1	482	76	3	0	9	3	9	34	//
	Chitral *	000	0	0	36	08	98	00	0	517	76	3	0	9	0	0	45	81
	Kakul *	000	0	0	05	02	98	02	0	510	73	8	0	9	0	0	49	80
	Landikotal *	000	0	0	31	05	98	02	5	557	72	0	0	9	0	0	56	96
	Parachinar *	000	0	0	13	05	96	02	0	572	72	0	0	9	0	0	//	76
D.I. Khan	Miranshah *	000	0	0	05	04	99	00	0	526	85	0	0	9	0	0	/	85
	Wana *	000	0	0	13	02	98	02	0	///	80	0	0	9	0	0	50	82
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	491	84	0	0	9	0	0	//	85
	Hindubagh *	000	0	0	23	03	97	02	0	462	75	0	0	9	0	0	//	78
	Loralai *	000	0	2	08	12	98	00	0	395	80	0	1	8	0	0	45	85
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	491	84	0	0	9	0	0	42	07
	Samungli (Quetta) *	000	0	0	27	30	96	02	0	518	75	0	0	9	0	0	43	79
	Chaman *	000	0	0	27	03	97	00	0	535	82	0	0	9	0	0	54	85
	Nushki *	000	0	0	31	02	97	02	0	567	88	0	0	9	0	0	61	90
	Dalbandin *	000	0	0	13	02	97	02	0	531	91	0	0	9	0	0	39	93
Kalat	Kalat *	000	0	0	31	03	96	02	0	489	71	0	0	9	0	0	//	76
	Khuzdar *																	
	Panjgur *	000	0	0	00	00	96	02	0	519	89	0	0	9	0	0	57	93

DIVISIONS	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 cents.) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 co-date	Departure from normal	Since 1st January, 1969 co-date	Annual Normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	27	02	98	01	0	136	77	1	3	7	0	0	73	74	—	—	85.4	—	100.8	—
	Cox's Bazar	000	0	3	05	04	97	01	0	128	84	1	2	5	3	0	71	73	+ 1	+ 2	83.4	—32.4	91.1	140
	Chittagong	000	0	5	36	09	96	02	2	135	82	1	4	5	3	1	76	73	+ 5	+ 2	51.2	—32.4	104.4	108
	Maijdee Court	000	9	0	00	00	97	00	0	124	84	0	0	9	0	0	72	73	+ 2	+ 3	115.4	+23.6	128.2	115
	Comilla	000	0	0	00	00	96	02	0	130	82	0	0	9	0	0	77	74	+ 4	+ 4	85.5	—14.2	102.7	94
	Brahmanbaria	000	0	0	05	02	97	00	0	134	84	0	0	9	0	0	76	73	—	—	44.1	—10.2	53.0	78
	Sylhet	000	0	3	00	05	96	02	0	140	81	2	5	5	3	/	77	71	—	—	120.3	—	148.2	—
	Srimangal																							90
Dacca	Mymensingh	000	0	0	00	00	97	00	0	136	82	1	3	6	8	2	73	72	+ 2	+ 2	62.1	— 7.0	77.3	91
	Narayanganj																							
	Dacca (Tejgaon)	000	0	0	00	00	97	00	0	133	81	0	0	9	0	0	73	76	— 1	— 4	57.4	+ 4.3	80.8	74
	Faridpur	000	0	0	35	02	97	00	0	135	82	1	0	9	4	0	73	73	—	—	53.5	—	64.6	—
Khulna	Barisal	000	0	0	00	00	97	00	0	130	82	0	0	9	0	0	72	73	+ 3	+ 2	43.2	+ 2.0	56.8	71
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					81
	Satkhira	000	0	0	00	00	97	00	0	140	84	0	0	9	0	0	72	73	+ 8					60
	Jessore	000	0	0	00	00	97	00	0	135	81	0	0	9	0	0	70	68	0	0	56.3	+ 6.0	61.5	65
Rajshahi	Pabna	000	0	0	05	02	99	02	1	135	82	0	0	9	0	0	81	73	+ 1	0	53.1	+ 6.1	61.4	66
	Sirajganj	000	0	0	00	00	98	00	0	134	79	0	0	9	0	0	67	72	—	—	51.4	—	65.2	59
	Rajshahi	000	0	0	05	02	97	02	0	144	81	0	0	9	0	0	68	72	+ 2	+ 3	53.5	— 6.1	56.2	64
	Bogra	000	0	0	34	02	96	02	0	135	81	0	0	9	0	0	70	70	—	—	53.3	— 7.2	67.3	69
	Dinajpur	000	0	0	00	00	96	00	0	146	82	0	0	9	0	0	73	67	+ 2	+ 1	47.5	— 7.8	58.3	72
	Rangpur	000	0	0	00	00	96	01	0	146	77	0	0	9	0	0	70	67	+ 2	0	66.4	— 0.7	86.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Intl Rd.)	000	0	1	00	02	96	02	0	136	72	0	0	9	0	0	61	67	0	+ 9	13.4	— 1.3	18.0	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	0	00	00	97	03	0	131	72	1	0	9	3	0	67	63	—	—	23.0	—	31.2	—
	Islamabad																							—
	Rawalpindi																							—
	Campbellpur	000	0	2	00	00	97	00	0	132	68	0	0	9	0	4	59	63		+ 12	20.1	— 4.0	30.1	36
Sargodha	Khushab	000	0	0	//	//	97	06	0	122	76	0	0	0	0	0	67	68	+ 5	+ 10	4.4	— 4.0	7.8	15
	Sargodha	000	0	3	09	03	96	04	0	119	70	3	0	9	3	0	65	67	—	—	17.0	—	20.6	—
	Lyallpur	000	0	0	07	02	96	00	0	///	72	0	0	9	0	0	61	67	+ 11	+ 11	4.6	— 4.6	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	0	00	00	96	04	0	106	70	0	0	9	0	0	61	67	0	+ 10	8.3	+ 3.0	11.3	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	2	00	00	96	02	0	103	70	0	0	9	0	1	53	58	+ 7	+ 1	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	101	76	0	0	9	0	0	65	65	+ 2	+ 9	0.7	— 3.6	2.0	6
	Fort Abbas	000	0	0	23	02	98	00	0	121	77	0	0	9	0	0	70	72	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	6	00	00	97	02	1	120	63	6	0	9	3	0	54	58	—	—	8.2	—	17.6	—
	Peshawar	000	0	7	00	00	//	05	/	127	67	2	5	6	3	0	63	65	+ 2	+ 10	5.2	+ 0.6	14.0	11
	Risalpur	000	3	4	05	03	97	03	2	151	70	4	0	9	0	5	53	///	—	/	9.8	—	20.1	—
D. I. Khan	Bannu	000	0	5	03	02	98	02	1	121	68	0	0	9	6	0	63	65	—	—	0.6	—	4.5	11
	D. I. Khan	000	3	3	00	00	96	02	0	129	72	0	0	9	3	1	65	70	+ 5	+ 15	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	3	13	03	97	02	0	103	66	0	0	9	0	0	58	66	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	02	00	97	02	0	117	70	/	/	/	/	/	//	64	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	984	71	0	0	9	0	0	43	//	/	—	0.2	—	0.2	—
	Jiwani	000	0	0	27	05	96	02	0	121	76	5	6	5	0	0	75	68	—	—	0.0	—	2.0	5
	Pasni	000	0	0	31	06	97	02	0	122	68	0	0	0	0	0	65	43	+ 8	/	0.2	— 0.7	0.3	6
Karachi division	Ormara																							6
	Lasbela	000	0	0	27	03	96	01	0	113	83	0	0	9	0	0	66	//		/	0.0	— 0.8	0.6	8
	Karachi (Manora)	///	0	4	00	00	98	00	0	115	70	0	0	8	0	0	58	59	—	—	0.7	—	0.7	8
	Karachi (Airport)	000	0	0	27	13	96	02	0	110	80	0	0	9	0	0	75	//	+ 12	/	1.0	— 5.0	1.1	—
Hyderabad	Nagarparkar	000	0	0	00	00	96	02	0	117	71	0	0	9	0	0	63	68	—	—	1.5	—	1.5	—
	Chhor																							—
	Hyderabad	000	0	0	00	00	96	02	0	118	74	0	0	9	0	0	55	64	—	—	0.2	—	0.3	—
	Badin	000	0	0	23	02	97	02	0	110	77	0	0	9	0	0	57	72	+ 10	+ 6	0.2	— 5.8	0.3	7
Khairpur	Padidan	000	0	0	25	02	97	02	0	///	73	0	0	9	0	0	62	72	—	—	0.3	— 6.8	0.3	9
	Nawabshah	000	0	0	09	00	97	02	0	097	71	0	0	9	0	0	46	64	—	—	0.8	—	0.8	—
	Sukkur	000	0	0	13	02	96	02	0	100	72	0	0	9	0	0	52	67	—	—	1.0	—	18.1	—
	Kashmore	000	0	0	13	03	95	05	4	095	78	0	0	9	0	0	65	69	—	—	0.1	—	0.1	4
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		—		—
Junagadh	Veraval	000	0	0	19	02	97	02	0	096	78	0	0	9	0	1	63	68	+ 4	+ 8	2.4	— 0.1	2.7	4
	HILL STATIONS																							20
Kashmir	Srinagar *																							4
	Gulmarg **																							5
	Sonamarg **																							24
	Dras **																							—
	Leh **																							71
	Skardu *																							28
	Misgar **																							3
	Aliabad *																							6
	Gilgit *																							—
Rawalpindi	Murree *	000	0	6	13	05	97	02	1	522	56	2	5	4	0	8	49	49	—	—	18.1	—19.1	35.6	8
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						39
	Chitral *	000	0	3	36	05	97	01	0	525	65	3	2	7	0	0	56	//	/					18
	Kakul *	000	0	4	36	02	98	03	1	523	65	0	0	9	3	0	49	58	—	/	4.0	— 8.5	14.4	29
	Landikotal *	000	0	4	05	04	98	01	4	626	63	4	3	9	0	6	56	58	—	—	19.3	—	30.0	—
	Parachinar *	000	0	4	00	00	98	03	1	525	61	3	0	9	0	1	49	56	—	—	21.2	—	12.6	—
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	10.1	—	30.0	29
	Wana *	000	0	0	05	01	99	00	0	605	63	0	0	9	0	0	70	54	—	—	0.5	— 4.2	2.0	13
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	499	62	0	0	9	0	0	39	55	+ 7	+ 5	2.2	— 3.0	6.5	11
	Hindubagh *	000	0	0	23	03	97	02	0	461	76	0	0	9	0	0	47	40	—	—	3.0	—	4.0	13
	Loralai *	000	0	0	16	02	98	00	0	395	55	0	0	9	0	0	45	45	—	—	0.6	—	0.6	—
	Barkhan *																							9
	Harnai *	000	0	0	70	70	96	02	0	462	61	0	0	0	0	0	//	//		/	4.0	— 3.8	5.6	14
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	527	64	0	0	9	0	0	//	56	—	—	—	—	—	9
	Chaman *	000	0	0	13	03	97	00	0	510	66	0	0	9	0	0	45	59	+ 9	+ 10	2.1	+ 1.6	4.8	8
	Nushki *	000	0	0	07	03	97	02	0	578	71	0	0	9	0	0	46	67	—	—	0.5	—	2.6	—
	Dalbandin *	000	0	0	00	00	97	02	0	491	60	0	0	9	0	0	//	55	+ 8	+ 7	0.0	— 0.2	0.5	4
Kalat	Kalat *	000	0	0	16	03	97	02	0	551	53	0	0	9	0	0	//	44	+ 7	+ 9	0.8	— 0.5	2.2	7
	Khuzdar *																							—
	Panjgur *	000	0	0	00	00	96	02	0	513	64	0	0	9	0	0	43	57	+ 9	+ 4	0.0	—	0.2	5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Almahroosa	99 2 21	10 6 69	26 0 03	03 5 C8	99 0 20	13 0 28	00 9 00	..	72 4 00	...	C0 0 24	...	30 5 01	—
Almahroosa	99 2 30	10 6 48	26 0 63	03 5 09	99 0 20	14 6 29	00 9 00	..	...	83 2 00	00 3 24	...	30 5 01	...
Sirdhana	99 2 43	10 6 39	26 0 63	03 2 08	98 0 20	15 9 29	00 9 00	63 2 21	...	...	C0 1 24	...	30 5 03	29 5 03
Sirdhana	99 2 42	10 6 24	26 1 23	02 5 05	98 0 20	13 0 29	00 9 80	63 5 07	...	...	05 0 24	...	30 5 01	31 5 02
Sitlan	99 1 97	10 6 34	26 1 13	00 1 12	99 0 20	17 2 08	00 9 00	34 6 11	..	...	05 4 25	13 0 08	30 3 01	—

UPPER AIR DATA

At surface and Standard Isobaric Levels (Surface: PoPoPo ToToTo DoDo; other levels: hhh TTT_a DD)

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	010 248 22	...	485 134 48	1 7 060 60	583 101 61	753 195 60	...	...	...	...	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	076 220 42	...	500 200 58	133 064 23	580 121 //	748 20! //	955 371 //	229 481 //	...	...	...	...	...
Multan ...			...							...	...	...	...	...
Peshawar ...	00 00	971 176 31	...	40/ 166 31	104 054 38	577 117 //	745 233 //	94/ 397 //	215 535 //	...	...	...	...	...
Quetta ...	00 00	822 142 62	...	..	199 114 //	583 C89 //	725 215 //	959 317 //	236 499 //	...	...	...	...	...
Sargodha ...	00 00	998 220 57	...	400 200 58	140 040 59	/// 125 //	751 231 //	957 36! //	...	...	...	...	...	...

At Significant Levels (PPP TT T_a DD); Max. Wind Speed (PmPmPm dmdm fmfmfm); TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$; dt dt ft ft ft)

STATION	Time of ascent in G.M.T.	18	19	20	21	22	23	24	25	26	Max. Wind Speed	Tropopause $P_tT_tP_tT_tT_tT_{at}$	Tropopause dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	900 174 48	800 110 25	600 000 /9	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	0) 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...			...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 146 //	600 007 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

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
Barisal ...	320 11	320 07	325 04	050 03	...		---	...	—
Bogra ...	355 09	355 09	355 07	085 07	110 12	080 09		...	...
Chaklala ...		085 08	075 04	275 06	275 06	295 09	320 11	305 14	305 16
Chhor ...	220 05	210 07	215 02	245 05	185 05	320 03	320 08	280 12	295 21
Chittagong ...	23/ 06	225 06	235 02	240 02	225 07	225 08	...	–	...
Cherat ...	...	...	...				...	...	
Cox's Bazar ...	295 22	295 08	275 05	290 15	/00 04	050 05	325 05	305 11	230 10
Dacca ...	305 05	310 03	310 07	350 04	325 04	010 08	...	...	...
Dalbandin ...	...	...	125 04	860 04	345 06	340 14	3:0 11	300 21	275 17
D. I. Khan ...	165 07	/40 06	130 08	135 10	165 19	215 35	/2/ 51	275 11	285 1/
Drosh ...	...	...		225 02	195 02	230 04	180 05	255 04	275 10
Fort Sandeman ...	..	..	...	295 06	235 04	220 02	295 06	295 09	275 12
Gilgit ...	..	...	..		...	...	...		
Ishurdi ...		...		...		...	...	...	.
Jacobabad ...	175 05	236 02	245 01	275 05	225 87	235 12	290 15	300 15	365 16
Jessore ...	325 07	325 05	320 07	315 03	080 03	335 09	...	...	...
Jhelum ...	320 /5	190 85	165 04	265 04	340 04	315 16	3/8 13	310 12	320 14
Jiwani ...	240 17	235 22	235 16	290 16	030 10	065 15	300 08	265 10	290 17
Karachi ...	265 17	265 16	260 13	280 12	310 07	070 06	0:0 56	320 08	315 09
Khanpur ...	241 2/	255 16	255 18	255 30	280 14	200 18	030 20	29/ 1/	292 2
Khuzdar ...				270 06	270 09	280 07	305 14	290 21	271 01
Lahore ...	/35 04	165 03	165 83	165 03	240 02	315 09	305 12	305 05	305 04
Multan ...	075 03	085 04	/85 04	330 04	270 13	285 17	155 17	270 13	305 17
Nawab Shah ...	221 23	265 03	235 05	250 05	/95 02	310 04	320 13	350 10	
Nokkundi ...	...		160 10	260 03	245 12	300 07	005 11	330 13	345 15
Panjgur ...	–		...	335 06	385 09	335 19		...	
Peshawar ...	...	050 05	100 06	185 13	240 09	260 10	275 05	320 08	275 12
Parachinar ...	...	...	...	200 03	140 07	255 07	295 16		250 73
Quetta ...	...	...			280 03	030 01	289 08	255 12	195 08
Sargodha ...	110 00	125 08	145 07	080 04	345 14	325 13	330 12	335 11	360 1/
Skardu ...	...		...	020 03	/// //	175 02	100 3/	250 13	200 09
Sylhet ...	105 07	185 06	185 02	360 13	020 13	...	..	..	...
Veraval ...	...	...	..	...	...	-		...	...

At 0000 hrs. G.M.T. † of date (dd fff)

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
Barisal ...	340 05	3/0 07	3/0 0/	29/ 03	32/ 05	315 06
Bogra ...	123 80	251 9/	015 13	090 07	065 14	085 16
Chaklala ...	...	C60 07	110 86	130 07	335 03	280 07
Chhor ...	203 08	24/ 23	230 18	215 17	225 15	265 17
Chittagong ...	..	...	...	...		...
Cherat ...	...	...				...
Cox's Bazar ...	020 08	005 04	155 03	170 04	200 06	...
Dacca ...	...	...				
Dalbandin ...	—	—	155 04	175 07	185 11	220 18
D. I. Khan ...	—	...	...			
Drosh ...	...	...	...	19/ 01	210 03	215 12
Fort Sandeman ...	...	..	...	045 02	2 5 14	295 09
Gilgit ...	...		...	220 04	130 03	115 09
Ishurdi ...				...		
Jacobabad ...	060 04	310 05	225 06	255 09	245 12	300 05
Jessore ...	350 06	350 05	050 04	/// BS	350 03	010 06
Jhelum ...	070 04	090 06	105 0/	170 03	255 08	295 62
Jiwani ...	265 19	270 16	270 15	290 06	355 06	025 12
Karachi ...	...					
Khanpur ...	195 12	210 13	215 15	255 17	265 17	275 14
Khuzdar ...	...	...	..	330 06	355 17	355 15
Lahore ...	...	...	...	...	...	...
Multan ...			...		...	...
Nawab Shah ...	255 25	255 97	250 11	240 10		
Nokkundi ...	.	...	160 04	195 06	220 03	235 10
Panjgur ...	...	.	...	015 07	355 10	345 14
Peshawar ...	...	...	—	...	...	...
Parachinar ...	..	...	...	225 02	115 03	...
Quetta ...	...		...			
Sargodha ...	110 12	155 16	120 13	110 05	200 3/	255 17
Skardu ...		...		310 02		...
Sylhet ...	110 08	110 04	110 05	..	130 06	...
Veraval ...	..	...		...	...	

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	060 01	030 02	005 02	085 02	195 02	...	...	...	..	...	...
Bogra ...	050 3/	100 01	100 02							...	...
Chaklala ...		145 05	150 04	150 08	145 08	220 16	235 77	255 21	265 23		...
Chhor ...	240 20	235 24	225 24	215 24	280 14	050 07	260 08	265 11	275 15	...	...
Chittagong ...	070 02	/00 2/	090 02	110 03	135 05	165 09	225 10	235 2/	220 17	...	...
Cherat ...										...	...
Cox's Bazar ...	303 03	245 01	245 02	120 03	135 07	170 16	215 21	235 23	335 28	...	...
Dacca ...	025 05	050 06	060 06	/// /	/// !!					...	...
Dalbandin ...			075 03	250 03	285 04	280 06	340 14	285 13	290 19	...	...
D. I. Khan ...	035 08	050 08	071 0	075 11	125 10	118 05	245 05	240 08	225 15	...	...
Drosh ...	...	...	...							...	-
Fort Sandeman ...	.	...	—	000 00	215 03	300 08	265 11	245 12	240 15	...	...
Gilgit ...	..	...	-	235 01	/50 50	165 01	...	...	...	...	.
Ishurdi ...			...			...				...	...
Jacobabad ...	090 02	105 01	210 01	210 03	360 08	350 05	307 17	275 12	275 17	...	...
Jessore ...	355 08	355 06	025 04	020 04						...	...
Jhelum ...	145 04	145 11	145 15	150 17	140 14	125 12	155 10	230 16	245 91	...	...
Jiwani ...	265 14	260 18	260 18	245 12	285 05	035 04	075 22	320 //	310 22	...	...
Karachi ...	270 12	265 17	260 18	255 18	265 14	3/0 08	100 09	32/ 04	290 06	.	...
Khanpur ...	005 07	005 04	295 05	005 07	215 27	005 04	225 22	295 05	240 15	...	...
Khuzdar ...	005 07	005 04	295 05	252 0/	215 27	220 24	225 22	235 10	240 15	...	...
Lahore ...					...					...	...
Multan ...	350 10	330 11	285 12	245 20	230 33	225 33	/// //	205 38	200 29	...	...
Nawab Shah ...	30/ 06	310 06	215 05	265 07	285 02	275 07	250 11	275 17	180 15	-	...
Nokkundi ...	...		195 06	/28 50	285 05	270 04	310 05	300 11	290 15	.	...
Panjgur ...	...			285 02	120 04	015 06	020 13	360 12	/70 06	...	...
Peshawar ...	...	3:0 02	203 05	190 12	205 13	240 13	230 21	240 20	269 23	...	-
Parachinar ...		...	...	105 08	145 13	280 24	275 10	250 31	265 25	...	-
Quetta ...					265 06	310 17	315 15	290 18	283 15	...	...
Sargodha ...	080 07	150 8/	125 18	130 13	175 13	240 11	310 17	285 17	270 20	...	...
Skardu ...		...		865 0/	/// /	...	205 13	...		...	...
Sylhet ...	100 07	075 90	090 05	115 06	118 09	091 05	100 07	...	...	.	-
Veraval ...	..	...	...	...	...	.	..	...	...	...	..

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

Height in g p. Kms, a.s.l → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	025 04	020 C4	3/0 01	170 09	180 13	225 17	220 17	215 23	...	...	...	...	...	...	...	...	...	...
Dacca ...	165 01	155 01	105 01	...	060 08	...	220 18	—	...		...	-	...	...	...	...	...	...
Gilgit ...																		
Jiwani ...																		
Karachi ...	270 21	275 21	260 19	255 15	270 57	015 18	310 84	270 10	275 18	...	-	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...	...	300 04	190 06	185 09	185 09	215 12	260 01	/01 38	260 16	.	...	...	...	...	...	...	...	...
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

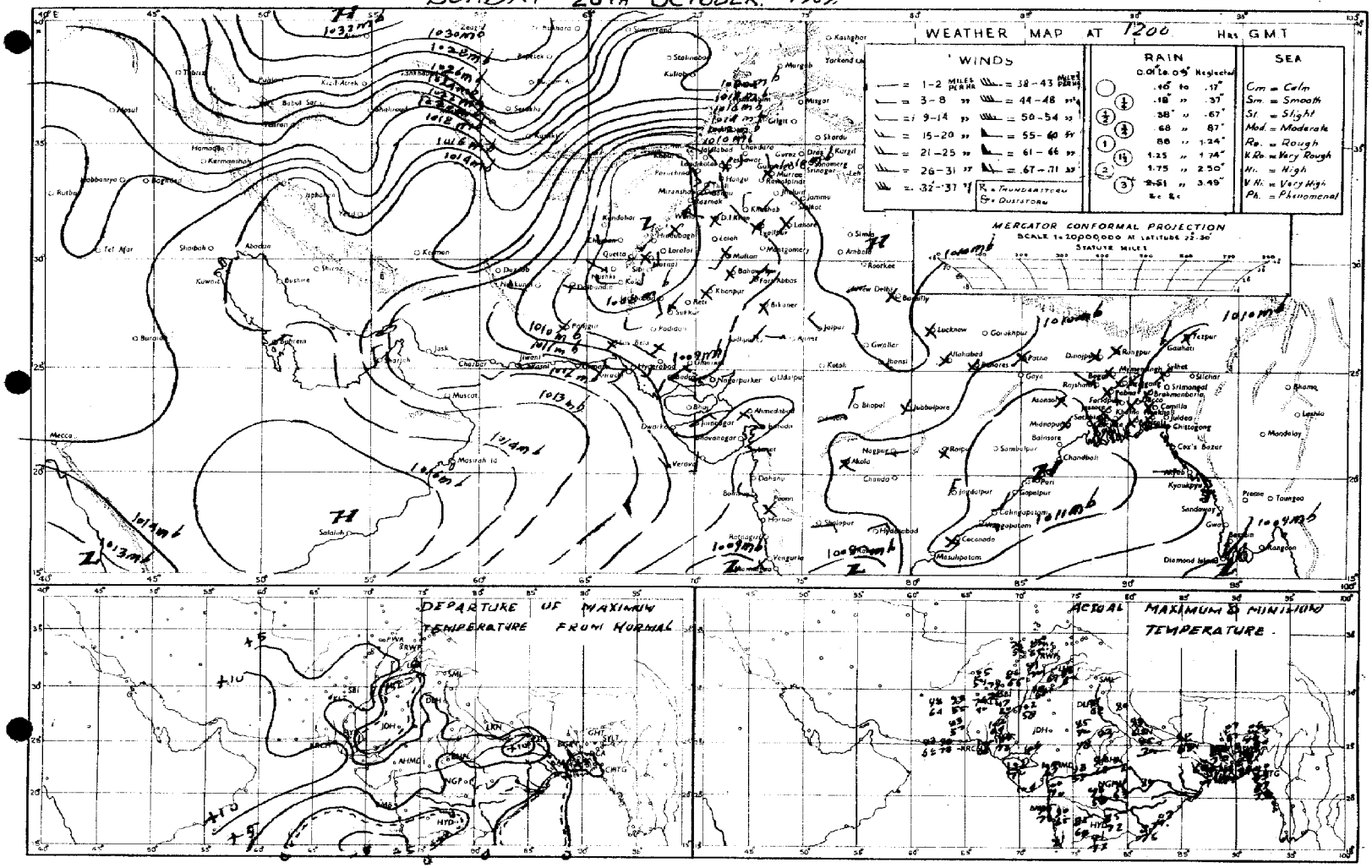
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

SUNDAY 26TH OCTOBER, 1969

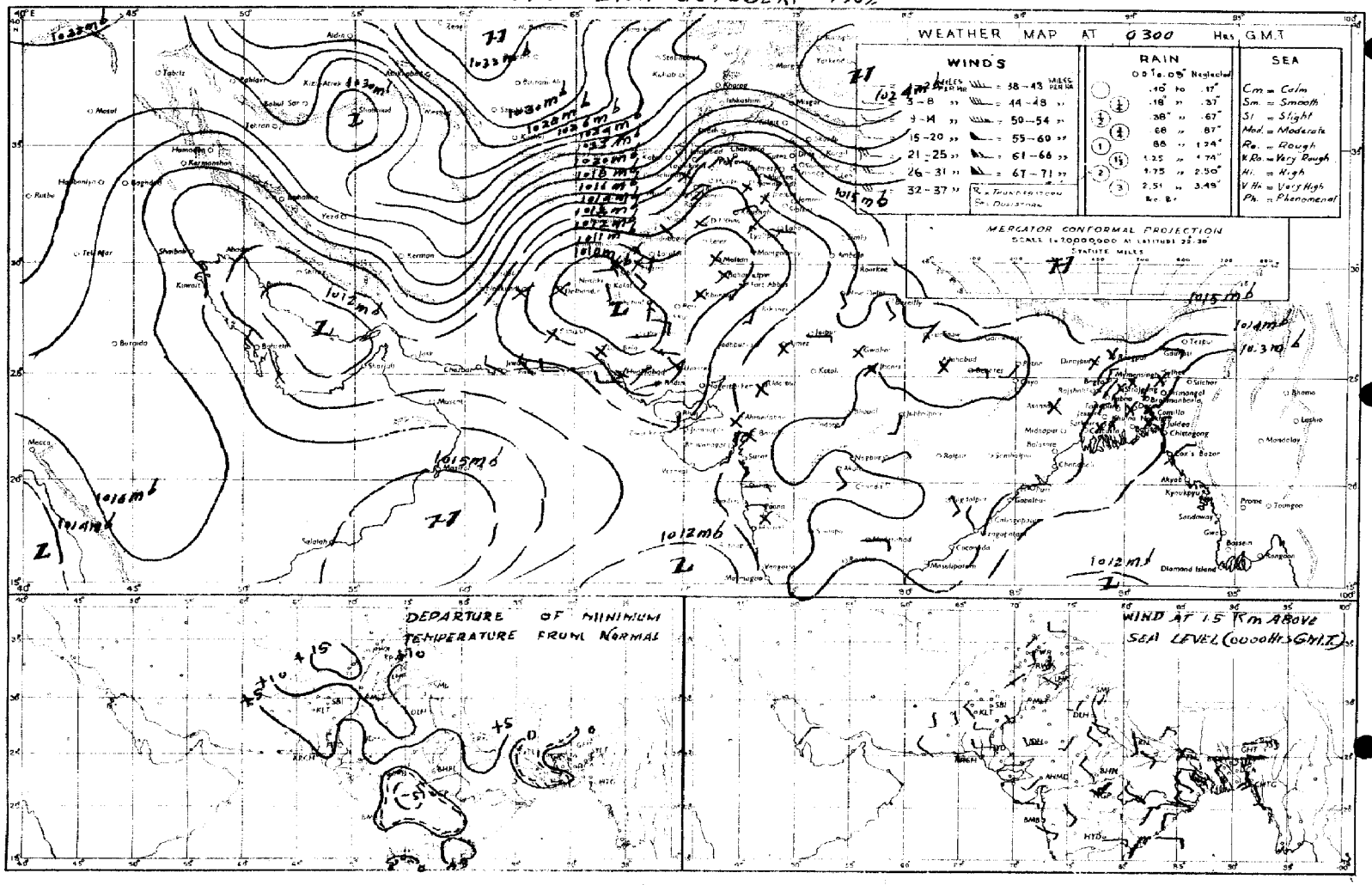


Rainfall amounts indicated in the above chart refer to past 12 hours.

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

MONDAY 27TH OCTOBER, 1969.



Current arrows indicated in the above chart refer to past 24 hours.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th OCTOBER 1969.

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

A trough of low pressure lies over Khulna and Dacca division. A few light showers have occurred in Chittagong and Rajshahi divisions.

Yesterday's secondary western disturbance is moving across northern and central divisions of West Pakistan.

A fresh western disturbance lies over central Iran.

Fairly widespread rain or thuadershowers have occurred in Peshawar division and local in Rawalpindi divisions with locally moderate to heavy falls in the two divisions.

Chief am ounts of rainfall are: Murree, Haripur and Kakul 3" each, Rawalpindi and Chakdara 2" each and Drosh and Parachinar ½" each.

Day temperatures were 3 – 8 °F (2—4 °C) above normal in the country outside Rawalpindi, Peshawar, D. I. Khan and Karachi divisions and were 3 °F (2 °C) below normal in Peshawar division.

Forecast valid until the evening of 29th October 1969 :— Local rain/thundershowers are likely to occur in Peshawar and Rawalpindi divisions and in Kashmir and scattered in Quetta, D. I. Khan, Multan, Lahore, Chittagong and Dacca divisions. A few **dust**/thunderstorms are also likely to occur in Bahawalpur and Khairpur divisions.

Karachi-11
The 28th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	27	02	96	01	0	091	90	2	3	6	0	0	72	90
	Cox's Bazar	000	0	1	27	06	96	13	0	097	82	1	3	5	6	0	72	90
	Chittagong	000	0	4	27	02	//	03	2	089	82	2	0	9	3	1	73	87
	Maijdee Court	000	9	0	00	00	97	00	0	083	85	0	0	9	0	0	76	87
	Comilla	000	0	0	00	00	96	02	0	089	90	0	0	9	0	0	68	91
	Brahmanbaria	000	0	0	00	00	96	01	1	094	82	0	0	9	0	0	73	90
	Sylhet	000	0	2	00	00	//	01	2	089	78	1	5	6	3	0	67	90
	Srimangal	000	0	6	00	00	96	02	0	049	79	3	5	6	2	2	76	87
Dacca	Mymensingh	000	0	2	00	00	//	02	1	021	82	2	5	6	0	0	73	87
	Narayanganj	000	0	0	00	00	96	01	2	087	85	0	0	9	0	0	72	85
	Dacca (Tezgaon)	000	0	2	00	00	96	01	0	090	82	2	4	5	0	0	70	87
	Faridpur	000	0	2	00	00	93	01	1	103	82	2	5	6	0	0	72	87
Khulna	Barisal	000	0	0	00	00	//	01	0	093	80	0	0	9	0	0	73	90
	Khulna	000	0	0	00	00	97	00	0	113	85	0	0	9	0	0	78	90
	Satkhira	000	0	2	00	00	97	01	1	098	80	2	2	5	4	0	80	87
	Jessore	000	0	1	00	00	97	02	0	093	85	1	4	5	0	0	72	90
Rajshahi	Pabna	000	0	0	00	00	//	02	0	091	82	0	0	9	0	0	68	90
	Sirajganj	000	0	8	09	02	/	02	2	087	80	8	0	7	8	0	70	87
	Rajshahi	000	0	1	00	00	95	02	0	101	82	1	9	5	0	0	72	86
	Bogra	000	0	4	00	00	//	02	1	085	85	4	4	4	0	0	73	90
	Dinajpur	000	0	0	00	00	//	00	1	091	82	0	0	9	0	0	72	87
	Rangpur	000	0	0	00	00	96	01	0	075	78	0	0	9	0	0	73	97
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	09	02	96	02	0	115	85	0	0	9	0	0	60	90
	Sialkot	000	0	0	00	00	92	00	0	130	80	0	0	9	0	0	76	96
Rawalpindi	Jhelum	000	0	4	13	05	97	01	1	080	85	2	4	6	3	0	60	90
	Islamabad																	
	Rawalpindi	000	1	7	13	02	98	02	9	081	80	0	0	9	8	0	60	86
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	//	96	00	3	077	86	0	0	9	0	0	72	87
	Sargodha	000	0	3	09	93	97	02	1	066	85	0	0	9	0	1	70	90
	Lyallpur	000	0	0	00	00	56	00	0	061	87	0	0	9	0	0	63	91
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	05	0	062	90	0	0	9	0	0	60	93
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	57	02	0	058	90	0	0	9	0	0	63	98
	Bahawalpur	000	0	0	00	00	56	00	0	110	90	0	0	9	0	0	59	93
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	003	6	8	05	05	97	29	9	097	63	8	3	7	/	/	58	68
	Peshawar	000	2	6	31	02	97	29	9	086	73	2	9	6	3	0	58	80
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	3	18	01	98	02	1	067	82	0	0	9	4	0	60	87
	D. I. Khan	000	0	0	00	00	96	02	0	101	87	0	0	9	0	0	78	90
Quetta	Sibi	000	0	0	18	03	97	02	0	052	99	0	0	9	0	0	56	03
	Nokkundi	000	0	5	05	03	96	03	0	041	94	5	5	7	0	0	51	95
Kalat	Turbat	000	0	0	27	02	96	00	0	///	98	0	0	9	0	0	47	98
	Jiwani	000	0	1	27	05	96	02	0	092	73	1	6	0	0	0	75	89
	Pasni	000	0	0	25	06	97	02	0	090	86	0	0	0	0	0	78	90
Karachi division	Ormara	000	0	0	27	01	94	07	0	086	88	0	0	9	0	0	70	90
	Lasbela	000	0	2	36	09	98	00	0	062	97	0	0	8	0	0	64	03
	Karachi (Manora)	000	0	0	27	05	97	02	0	089	83	0	0	9	0	0	73	87
	Karachi (Airport)	000	0	0	27	07	96	02	0	085	87	0	0	9	0	0	65	92
Hyderabad	Nagarparker	000	0	0	05	03	97	02	0	119	98	0	0	0	0	0	97	05
	Chhor	000	0	0	23	07	96	02	0	079	92	0	0	9	0	0	39	01
	Hyderabad	000	0	0	23	09	96	06	0	073	94	0	0	9	0	0	49	01
	Badin	000	0	0	23	16	97	02	0	092	91	0	0	9	0	0	70	00
Khairpur	Padidan	000	0	0	27	03	97	02	0	057	99	0	0	9	0	0	49	00
	Nawabshah	000	0	0	00	00	96	02	0	058	99	0	0	9	0	0	54	04
	Sukkur	000	0	0	23	02	96	02	0	074	94	0	0	9	0	0	62	03
	Kashmore	000	0	0	00	00	98	02	0	056	95	0	0	9	0	0	58	97
	Jacobabad	000	0	0	13	05	97	02	0	046	95	0	0	9	0	0	68	98
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh *	000	5	7	09	00	96	21	9	966	64	5	7	7	3	0	45	73
	Cherat *	000	0	5	36	12	97	03	1	480	64	5	4	7	0	0	54	76
	Kakul *	000	0	8	31	09	97	29	9	506	60	8	3	4	/	/	45	73
	Landikotal *	000	0	6	31	05	98	03	4	305	67	6	7	6	/	/	51	78
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	440	80	4	0	9	0	0	51	80
	Wana *																	
Quetta	Fort Sandeman *	000	5	3	23	05	98	03	0	469	81	3	4	7	0	0	14	83
	Hindubagh *	000	0	0	23	03	97	02	0	456	82	0	0	9	0	0	38	84
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	460	82	0	0	0	0	0	39	85
	Samungli (Quetta) *	000	0	3	31	08	96	02	0	489	76	1	1	8	0	2	26	87
	Chaman *	000	0	0	27	05	97	00	0	486	81	0	0	9	0	0	59	83
	Nushki *	000	0	0	00	00	97	02	0	544	86	0	0	9	0	0	53	90
	Dalbandin *	000	0	4	23	02	97	03	0	502	90	4	0	9	3	0	55	93
Kalat	Kalat *	000	0	0	31	03	96	02	0	471	69	0	0	9	0	0	42	73
	Khuzdar *	000	0	0	23	02	97	02	0	490	86	0	0	9	0	0	57	88
	Panjgur *	000	0	0	00	00	96	02	0	496	90	0	0	9	0	0	57	93

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	000	0	2	36	02	98	01	0	144	81	1	2	7	8	0	73	76	—	—	95.4	—	100.8	—
Cox's Bazar	005	6	5	13	03	96	5:	2	128	79	4	5	4	3	0	76	73	+ 4	+ 2	83.4	−32.7	91.1	140
Chittagong	080	0	2	05	02	96	02	0	132	81	1	2	5	6	0	73	73	+ 2	+ 2	51.2	−32.7	104.4	108
Maijdee Court	000	9	0	00	00	97	00	0	125	82	0	0	9	0	0	70	73	+ 2	+ 3	115.4	+23.4	128.2	115
Comilla	000	0	0	00	00	96	02	0	134	82	0	0	9	0	0	72	73	+ 5	+ 3	83.5	+14.0	152.7	94
Brahmanbaria	000	0	2	13	02	97	01	1	130	84	2	5	5	0	0	73	73	—	—	44.1	−10.3	53.8	78
Sylhet	000	0	5	05	05	97	02	1	132	77	3	4	5	3	0	73	68	—	—	120.3	—	148.2	—
Srimangal	000	0	5	36	02	96	02	0	135	81	3	5	6	7		73	63	— 1	— 4	61.5	− 3.9	83.0	98
Mymensingh	000	0	2	00	00	97	01	1	135	82	2	0	8	2	0	76	72	+ 2	+ 2	62.1	− 3.4	77.3	91
Narayanganj	000	0	0	00	00	97	00	0	129	86	0	0	9	0	0	73	73	— 1	+ 1	57.4	+ 4.1	80.8	74
Dacca (Tezgaon)	000	0	0	00	00	97	02	0	128	82	0	0	9	9	0	70	72	—	—	53.6	—	64.7	—
Faridpur	000	0	0	00	00	97	00	0	126	85	0	0	9	0	0	73	74	+ 3	+ 1	43.2	− 8.2	56.9	71
Barisal	000	0	0	00	00	97	01	0	128	81	0	0	9	0	0	72	70	+ 5	— 1	54.3	− 7.6	64.2	81
Khulna	000	0	0	00	00	97	00	0	141	86	0	0	9	0	0	73	73	+ 5	+ 3	67.0	+14.3	73.0	68
Satkhira	000	0	0	00	00	97	00	0	130	80	0	0	9	0	0	72	//	0	/	56.3	+ 5.8	61.6	65
Jessore	000	4	0	31	03	96	05	0	130	79	0	0	9	0	8	70	70	+ 4	0	53.1	+ 4.9	61.5	66
Pabna	000	0	0	00	00	99	02	0	130	80	0	0	9	0	0	70	76	— !	—	51.4	—	65.2	59
Sirajganj	000	0	0	05	01	98	00	0	129	78	0	0	9	0	0	72	72	+ 2	+ 3	43.6	− 6.1	56.2	64
Rajshahi	000	0	3	05	02	97	01	1	134	81	2	5	5	2	0	73	72	—	—	53.3	+ 7.2	67.3	69
Bogra	002	0	4	05	02	96	03	0	131	82	3	4	5	7	0	76	72	+ 5	+ 3	47.3	− 7.9	58.3	72
Dinajpur	000	0	0	00	00	96	00	0	144	81	0	0	9	0	0	70	70	+ 2	+ 3	13.7	−46.6	95.7	84
Rangpur	000	0	2	05	02	96	03	0	139	77	/	/	/	/	/	68	57	+ 5	—	66.4	− 0.9	86.0	—
Jammu																							—
Lahore (Jail Rd.)	000	0	2	13	07	96	02	/	103	72	1	0	9	3	1	52	70	0	+ 12	13.4	− 1.3	18.0	19
Sialkot	000	0	0	27	05	92	00	0	150	76	0	0	9	0	0	59	50	+ 8	− 6	6.9	−16.9	11.5	32
Jhelum	000	0	7	13	07	96	02	0	106	79	4	3	9	7	0	63	//	—	—	22.9	—	31.2	—
Islamabad																							
Rawalpindi	2 5	9	8	05	03	97	50	9	126	58	8	5	6	0	0	56	53	+ 1	+ 2	20.1	− 1.7	30.1	36
Campbellpur																							—
Khushab	000	0	7	05	11	96	03	0	080	77	0	0	9	5	2	68	70	− 3	+ 12	4.4	− 3.9	7.8	15
Sargodha	000	0	5	09	03	96	02	1	096	68	1	5	6	3	0	67	67	—	—	17.0	—	20.6	—
Lyallpur	000	0	4	29	02	96	02	0	087	70	4	0	9	4	0	65	68	+ 3	+ 12	4.7	− 4.6	7.7	12
Sahiwal																							10
Multan	000	0	5	03	00	96	04	0	089	73	0	0	9	0	1	61	63	+ 3	+ 6	8.3	+ 3.0	11.3	7
Leiah																							8
Khanpur	000	0	0	00	00	96	02	0	083	72	0	0	9	0	1	47	63	+ 6	+ 6	0.2	− 4.6	1.1	6
Bahawalpur	000	0	0	00	00	95	00	0	103	76	0	0	9	0	0	65	65	+ 2	+ 9	0.7	− 3.6	2.0	6
Fort Abbas	000	0	0	23	05	98	00	0	121	77	0	0	9	0	0	70	68		—	0.7	—	0.9	8
Chakdra	250	3	0	05	03	96	29	9	132	59	8	3	7	/	/	53	56	—	—	10.7	—	20.1	—
Peshawar	007	8	8	05	03	//	95	5	127	62	7	9	6	2	/	61	//	− 3	/	5.2	+ 0.6	13.9	11
Haripur	295	9	8	05	05	96	63	6	163	58	8	7	6	0	0	54	53		—	9.9	—	20.0	—
Bannu	000	0	3	05	01	99	01	2	101	70	0	0	9	0	8	58	67	—	—	0.7	—	4.5	11
D. I. Khan	000	3	6	05	02	96	03	1	108	70	0	8	9	3	1	59	67	+ 1	+ 12	3.5	− 2.0	4.0	9
Sibi	000	0	6	18	03	97	03	/	086	70	6	0	9	4	2	62	66	—	—	0.2	—	0.2	5
Nokkundi	000	0	0	00	00	97	02	2	097	71	0	0	9	0	0	59	61	—	—	0.0	—	0.3	3
Turbat	000	0	0	36	02	96	00	0	///	75	0	0	9	0	0	44	//	—	—	0.2	—	0.2	—
Jiwani	000	0	0	13	03	96	02	0	107	74	0	0	9	0	6	71	71	—	—	0.0	—	2.0	8
Pasni	000	0	0	31	00	56	04	7	108	71	0	0	0	0	0	71	42	0	− 7	0.2	− 0.7	0.3	6
Ormara	000	0	0	00	03	94	01	0	119	73	0	0	9	0	0	73	//	—	—	0.0	− 0.8	0.6	6
Lasbela	000	0	3	00	00	98	00	0	104	72	0	0	8	0	0	66	62	—	—	0.0	—	0.0	8
Karachi (Manora)	000	0	0	27	05	96	02	0	108	79	0	0	9	0	0	73	78	0	+ 9	1.0	− 5.0	1.1	8
Karachi (Airport)	000	0	0	27	05	96	02	0	110	77	0	0	9	0	0	71	69	—	—	1.5	—	1.5	—
Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Chhor	000	0	0	23	02	96	02	0	114	72	0	0	9	0	0	60	63	—	—	—	—	—	—
Hyderabad	000	0	0	23	05	97	02	0	101	74	0	0	9	0	0	66	70	+ 6	+ 4	0.2	− 5.9	0.3	7
Badin	000	0	0	23	04	97	02	0	104	74	0	0	9	0	0	68	73	—	—	0.3	− 6.4	0.3	9
Padidan	000	0	2	13	05	97	02	0	083	72	2	0	9	3	0	60	65	—	—	0.8	—	0.8	—
Nawabshah	000	0	0	13	05	96	13	0	046	99	0	0	9	0	0	53	//	—	—	1.0	—	1.1	—
Sukkur	000	2	4	13	03	96	03	2	081	76	4	0	9	6	0	55	71	—	—	0.1	—	0.1	4
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Jacobabad	000	0	5	34	02	96	02	0	082	70	0	1	9	3	1	63	67	+ 5	+ 8	2.4	− 0.1	2.7	4
Veraval																							20
HILL STATIONS																							
Srinagar *																							4
Gulmarg **																							5
Sonamarg **																							26
Dras **																							—
Leh **																							71
Skardu *																							26
Misgar **																							3
Aliabad *																							6
Gilgit *																							— — 5
Murree *	302	2	8	11	24	95	03	9	516	43	8	9	2	/	/	41	37		—	21.1	−16.1	38.6	59
Drosh *	022	5	8	00	00	//	21	6	479	53	8	7	5	/	/	52	//	—	/	11.1	—	14.3	18
Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
Kakul *	265	3	0	09	03	95	95	9	523	52	9	9	4	/	/	46	49	—	—	19.3	—	30.0	—
Landikotal *	010	1	8	31	05	94	03	6	552	56	9	7	6	/	/	45	//	—	—	2.3	—	12.8	—
Parachinar *	036	0	7	16	13	97	03	1	509	56	4	7	5	1	0	52	//		/	10.1	—	20.8	29
Miranshah *	000	0	8	05	03	97	03	0	491	//	8	0	9	3	0	58	58	—	—	0.5	− 4.3	2.0	13
Wana *																							11
Fort Sandeman *	000	0	2	00	00	96	05	0	480	61	0	0	9	2	0	23	58	+ 4	+ 8	2.2	− 2.9	6.5	13
Hindubagh *	000	0	0	00	00	97	02	0	483	67	0	0	9	0	0	36	48	—	—	3.0	—	5.9	—
Loralai *	000	0	0	18	03	98	00	0	455	82	0	0	9	0	0	//	//		—	0.6	—	0.6	9
Barkhan *																							—
Harnai *	000	0	0	00	00	96	02	0	458	63	0	0	0	0	0	38	//	—	—	3.9	− 3.8	5.7	14
Samungli (Quetta) *	000	0	0	00	00	96	02	0	509	51	0	0	9	0	0	28	43	—	—	0.5	− 0.7	3.1	9
Chaman *	000	0	0	13	03	97	00	0	485	67	0	0	9	0	0	49	59	+ 7	+ 10	2.1	+ 1.6	4.8	8
Nushki *	000	0	0	07	04	97	02	0	537	68	0	0	9	0	0	41	65	—	—	0.5	—	2.7	—
Dalbandin *	000	0	0	00	00	97	02	0	489	61	0	0	9	0	0	36	57	+ 8	+ 9	0.0	− 0.2	0.5	4
Kalat *	000	0	0	13	03	97	02	0	590	54	0	0	9	0	0	38	43	+ 4	+ 8	0.8	− 0.5	2.2	7
Khuzdar *	000	0	0	27	02	95	05	0	495	65	0	0	9		0	53	62	—	—	—	—	—	—
Panjgur *	000	0	0	05	03	95	05	0	594	64	0	0	9	0	0	46	60	+ 9	+ 7	0.0	—	0.2	5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Juna	99 2 41	10 6 64	27 1 83	02 4 06	99 8 00	10 9 28	00 / 00	54 / //			05 2 2²		30 2 02	24 4 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	007 238 15	...	480 152 05	125 084 59	582 083 58	753 177 57	963 321 59	238 515 //	420 651 //	...	...	...	...
Dacca ...	00 00	010 220 25	...	450 138 57	108 044 58	577 097 57	748 179 56	957 347 58	229 539 //	408 667 //	647 775 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	061 250 06	...	450 180 68	106 054 25	575 178 //	749 270 //	952 401 //	217 504 //	399 601 //	...	...	...	...
Multan ...	00 00	993 176 31	...	420 166 57	085 050 30	551 171 66				...	...	...	...	...
Peshawar ...	00 00	971 162 02	...	410 100 00	072 038 80	573 127 //	741 215 //	946 351 //	217 543 //	...	...	...	...	...
Quetta ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	997 220 32	...	500 194 55	196 050 45	584 031 //	751 221 //	957 365 //	228 511 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 184 17	800 172 25	600 000 45	483 083 59	350 241 58	...	...	...	...	...	...	...
Dacca ...	00 00	900 174 56	800 102 56	640 000 57	600 033 57	350 249 58	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal	245 06	250 14	265 02	190 01	240 07	240 07	...	...	...
Bogra	360 06	015 08	015 09	035 04	045 04		...	...	...
Chaklala		195 07	175 09	...		...	...	...	
Chhor	223 15	225 13	215 12	250 03	230 04	265 07	280 14	265 11	295 11
Chittagong	260 07	250 05	200 05	155 11	185 12	235 15	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	270 04	245 06	230 05	165 05	165 11	230 12	240 15	220 15	235 15
Dacca	185 08	195 05	205 05	250 05	005 01	040 07	...	...	...
Dalbandin	...		250 08	230 06	250 07	285 06	300 13	285 23	270 27
D. I. Khan	080 08	075 11	080 10	055 10	185 03	215 09	...	...	...
Drosh	...	...	...	205 04	195 06	210 10			
Fort Sandeman	...	...	...	210 02	225 03	255 09	290 16	305 25	305 28
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	320 08	320 08	315 05	115 04	130 08	245 07	...	...	...
Jacobabad	150 03	180 04	185 04	255 03	295 05	340 13	310 11	300 13	295 10
Jessore	305 02	295 02	265 03	260 03	325 03	300 00	...	...	...
Jhelum	130 10	140 15	140 17	145 15	170 16	190 18	...		...
Jiwani	240 19	240 20	245 16	275 03	255 05	075 05	315 14	335 14	285 15
Karachi	260 15	255 19	255 22	245 24	270 15	340 06	330 03	290 06	300 11
Khanpur	275 08	265 07	265 08	260 12	255 15	205 07	255 27	345 11	330 10
Khuzdar	...	...	...	...	...	...	...	...	...
Lahore	105 06	110 09	135 12	170 14	235 12	240 15	235 14	250 11	260 10
Multan	120 04	090 04	090 03	260 15	225 29	225 38	220 36	270 26	275 18
Nawab Shah	200 03	205 04	205 04	235 09	235 //	315 09	290 13	290 14	295 16
Nokkundi	...	...	160 05	190 06	160 06	225 25	270 10	/// //	270 09
Panjgur	...	...	...	280 05	290 04	325 03	045 03	350 12	010 14
Peshawar	...	055 10	055 15	135 10	290 22	265 29	...	...	...
Parachinar	...	...	...	140 08	155 08		...	...	...
Quetta	...	...			270 14	320 04	315 13	...	...
Sargodha	110 10	120 18	155 12	200 08	240 13	300 10	225 17	275 16	...
Skardu	...	...	...	125 08	115 18	175 06	...	...	...
Sylhet	145 02	135 02	170 03	205 06	120 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 1	11	12	13	14	15	16
Barisal	360 02	080 02	060 03	150 07	220 05	205 12
Bogra	085 04	/// //	340 03	050 08	050 13	065 05
Chaklala	...	055 12	095 11	150 25		...
Chhor	255 30	250 27	335 26	200 17	190 15	135 13
Chittagong	...	...	...	...	...	...
Cherat	...			...		...
Cox's Bazar	360 04	355 05	070 04	205 04	205 08	070 12
Dacca	190 11	075 03	120 02	120 03	140 04	140 06
Dalbandin			100 05	125 10	165 07	215 00
D. I. Khan	055 05	000 06	070 05	085 05	135 05	225 15
Drosh	...	...	...	215 07	215 03	285 06
Fort Sandeman			...	245 08	280 12	290 25
Gilgit	No	Ascent		...	...	...
Ishurdi	360 06	345 06	010 08	025 08		
Jacobabad	165 07	170 04	190 04	230 11	205 15	230 06
Jessore	320 07	310 06	325 08	335 10	340 08	315 03
Jhelum	115 10	175 11	125 17	140 25	...	...
Jiwani	220 12	240 16	245 12	260 09	280 05	035 08
Karachi	...		...	...		
Khanpur	200 03	225 13	235 13	245 15	245 15	250 13
Khuzdar	...	...	...	...	270 03	285 19
Lahore	140 13	150 23	160 32	185 17	230 14	245 12
Multan	260 04	245 05	230 14	245 12	270 08	330 07
Nawab Shah	270 07	280 07	260 06	245 08	255 03	035 02
Nokkundi			180 07	210 08	270 18	250 12
Panjgur	...	...		355 06	035 06	335 09
Peshawar	...	185 18	310 19	040 4/	325 05	060 06
Parachinar	...	...	...	230 01	090 04	
Quetta					270 04	290 09
Sargodha	135 09	190 12	215 10	200 13	245 15	255 17
Skardu	No	Ascent		...	...	...
Sylhet	060 05	005 01	012 01	165 02	170 10	185 13
Veraval	...	...	...	...	...	

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	155 01	110 01	105 02	135 00	250 16	...	...	...	...	...	...
Bogra	050 05	045 04	045 04	065 19	150 12	310 19	140 13	/// //	270 15	...	...
Chaklala		065 18	120 21	135 31	135 26	...					...
Chhor	235 21	235 24	230 23	230 20	205 06	285 07	245 10	260 13	260 21	270 27	180 62
Chittagong	315 05	275 04	275 03	275 03	245 03	...	...	...	...	...	...
Cherat		...	...	...	...	...	...	...	...	...	...
Cox's Bazar	285 02	020 01	140 01	140 04	195 07	210 12	225 15	235 21	240 24	230 44	...
Dacca	075 03	105 04	125 05	140 05	/// //	/// //	200 01	225 15	235 19	245 32	240 39
Dalbandin			045 05	265 03	255 11	270 09				...	
D. I. Khan	040 08	045 12	025 12	345 03	245 12	270 12	265 15	270 27	260 29	245 18	250 52
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman		...	...	270 06	230 12	205 16	250 14	290 12	305 13	355 15	340 15
Gilgit					125 10	050 05	125 12	...	...	...	...
Ishurdi	320 04	320 06	320 06	305 10	300 10	305 08	140 13	165 23	160 31	...	...
Jacobabad	095 08	065 17	075 17	075 11	220 05	175 12	225 23	200 23	185 24	190 17	360 15
Jessore	315 04	320 04	320 05	330 03	015 04	005 07	275 21	270 39	270 39	270 44	...
Jhelum	130 01	130 15	315 17	140 15		...	...	...	...		...
Jiwani	210 05	220 10	220 10	270 06	250 03	110 08	260 11	275 13	275 23	305 42	...
Karachi	245 11	260 14	260 20	260 18	265 09	105 04	185 03	155 10	270 19	...	...
Khanpur	350 04	270 03	220 10	225 17	230 18	255 09	230 24	245 13	245 12	245 03	...
Khuzdar					275 08	275 03	150 04	240 09	200 11	325 04	245 17
Lahore	135 70	150 15	165 17	205 18	210 17	215 11	...	230 13	...	275 29	240 40
Multan	...	...	...	...	...	...	...				
Nawab Shah	190 04	090 06	060 03	255 02	215 13	125 05	160 11	225 15	240 24	255 31	250 27
Nokkundi	...	...	100 06	280 06	265 12	265 15	...	...	...	...	...
Panjgur	...		...	220 05	275 10	270 15	245 07	...	...	...	...
Peshawar	...	155 02	/// //	205 06	140 03	...	...	...	...	...	...
Parachinar	...	...	...	...	...	...		...	...	...	...
Quetta	...	...	...	...	205 06	245 14	260 21	245 17	245 20	250 23	260 39
Sargodha	045 05	320 08	/// //	125 13	240 15	...	...	...	...	...	...
Skardu	No	Ascent			...	...	...	...	...	...	...
Sylhet	060 01	060 01	055 03	100 05	140 10	180 10	215 21	225 26	225 41	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	270 21	270 23	270 23	270 19	270 23	220 23	075 12	290 04	240 03	260 17	275 28	275 33	283 41	...	...	...	...	...
Multan ...	065 06	060 80	055 07	355 06	335 05	010 06	015 12	061 12	060 20	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) - Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

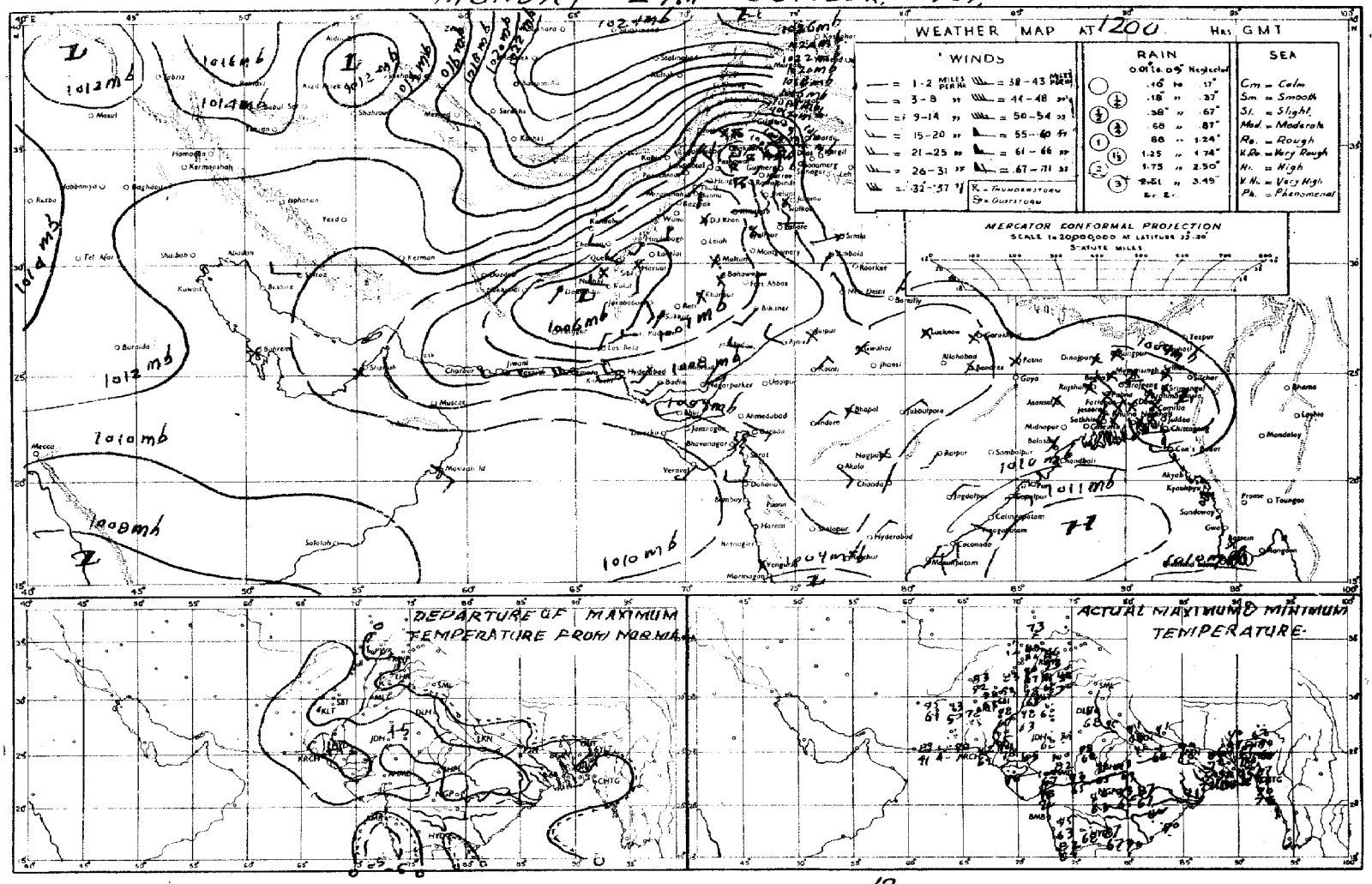
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

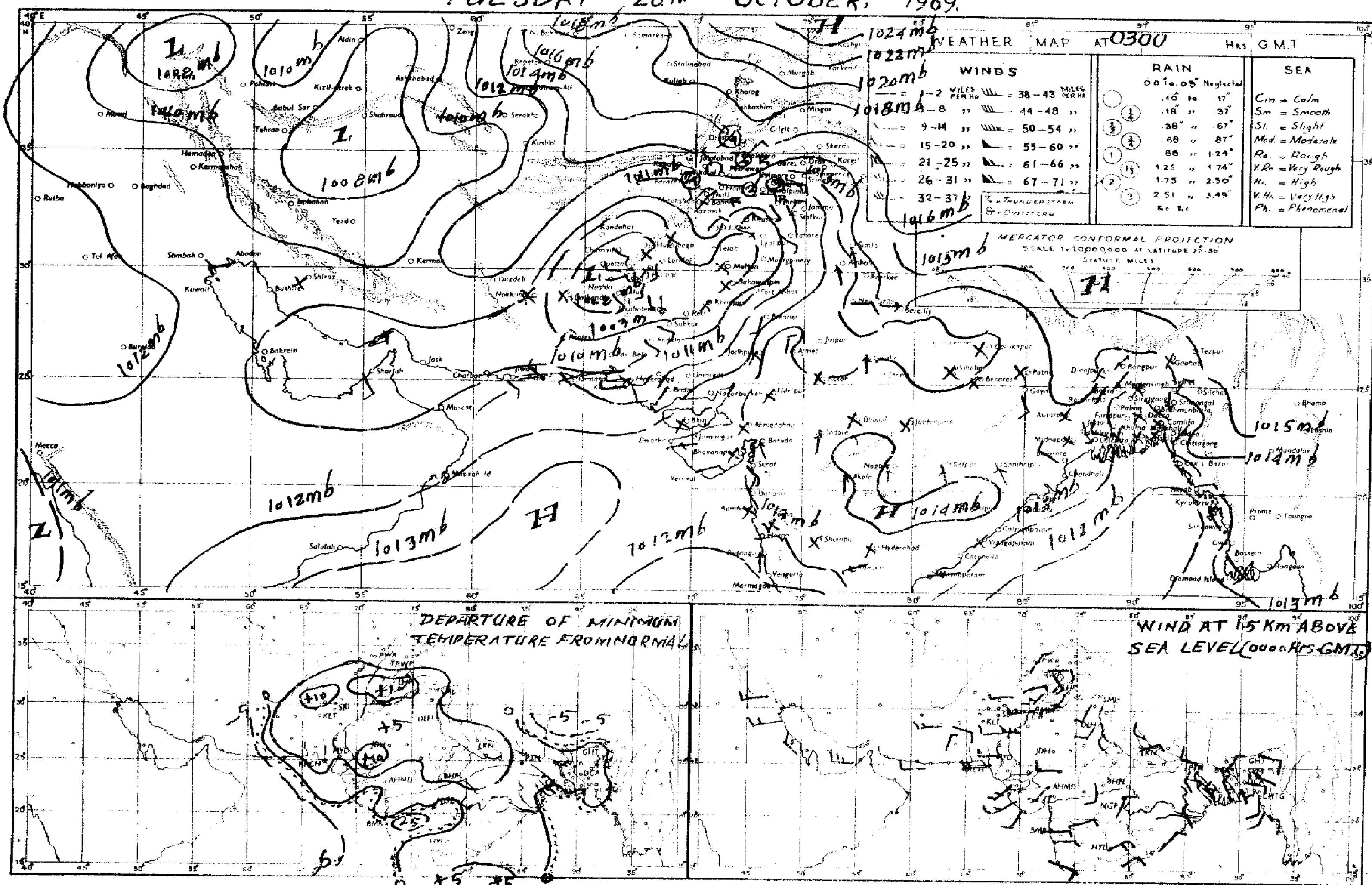
MONDAY 27th OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 28th OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY 29th OCTOBER 1969.

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

Yesterday's secondary western disturbance over the central divisions of West Pakistan moved slightly east wards.

The western disturbance over central Iran is now moving across north west of Afghanistan and has induced a secondary over Quetta division and adjoining areas.

A fresh western disturbance lies over eastern and central Iran.

The trough of low pressure over southern divisions of East Pakistan now lies over Chittagong division.

Local rain or thundershowers with a few moderate to heavy falls have occurred in Rawalpindi and Peshawar divisions and scattered in Khulna and D. I. Khan divisions. A few falls of light rain have also occurred in Rajshahi and Quetta divisions.

Chief amounts of rainfall are: Chakdara 3", Murree 1½", Rawalpindi 1", Parachinar and Drosh ½" and Peshawar, Kakul and Landikotal ¼" each.

Day temperatures were 3–6 °F (2–3 °C) above normal in East Pakistan and in Bahawalpur, Quetta, northern Kalat and Hyderabad divisions and were 3–8 °F (2–4 °C) below normal in Rawalpindi, Sargodha, Multan and D. I. Khan divisions and 9–10 °F (2–6 °C) so in Peshawar division.

Forecast valid until the evening of 30th October 1969 :– Rain/thundershowers are likely to be local in Lahore, Rawalpindi and Peshawar divisions and in Kashmir and scattered in Quetta, D. I. Khan, Sargodha and Chittagong divisions. A few dust/thunderstorms are also likely to occur in Bahawalpur, Multan and Khairpur divisions.

Earthquake Report:- The seismograph of G. I. Quetta recorded an earthquake of moderate intensity on 28th October 1969 at 23 hours 47 minutes W.P.S.T. The epicentre lies about 490 miles northeast of Quetta in Hindukush mountains.

Karachi-11
The 29th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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 from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud from † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	0	41	42
Chittagong	Rangamati	000	0	3	27	02	96	01	0	090	85	2	3	6	7	0	73	90	000	0	2	18	02	97	02	2	136	94	2	4	6	0	0	73	76	—	—	95.4	—	100.8	—
	Cox's Bazar	000	0	3	27	06	//	02	0	091	82	3	2	5	0	0	72	87	000	0	1	09	06	96	02	0	127	82	1	1	5	0	0	72	77	+ 1	+ 2	83.4	—33.0	91.1	140
	Chittagong	000	0	2	27	02	96	01	0	091	82	1	1	5	0	0	72	87	000	0	1	00	00	97	01	4	128	82	1	1	6	0	0	73	72	+ 2	+ 1	51.2	—33.0	104.4	108
	Maijdee Court	000	0	0	00	00	//	00	0	084	82	0	0	9	0	0	73	87	000	0	0	00	00	97	00	0	124	82	0	0	9	0	0	70	73	+ 2	+ 3	115.4	+23.2	128.3	115
	Comilla	000	0	0	00	00	96	02	0	088	86	0	0	9	0	0	86	91	000	0	0	00	00	96	02	0	121	82	0	0	9	0	0	76	73	+ 5	+ 3	83.5	+14.8	102.7	94
	Brahmanbaria	000	0	4	00	00	//	03	1	088	85	4	4	5	0	0	76	91	000	0	3	00	00	97	03	1	128	84	0	0	9	0	0	49	76	—	—	44.1	—10.3	53.8	78
	Sylhet	000	0	2	00	00	//	01	0	089	77	2	1	6	0	0	70	86	000	0	1	36	03	96	01	0	124	81	1	4	5	0	0	72	70	—	—	102.3	—	148.2	—
	Srimangal	000	0	5	03	00	//	02	0	096	77	3	9	5	7	2	76	87	000	0	0	00	00	96	00	0	116	84	0	0	9	0	0	76	65	— 1	— 2	61.5	— 4.1	83.0	98
Dacca	Mymensingh	000	0	7	00	00	//	01	0	///	87	2	5	4	0	0	76	87	000	0	0	00	00	97	00	0	130	81	0	0	9	0	0	76	70	+ 2	0	62.1	— 3.3	77.3	91
	Narayanganj	000	0	1	00	00	//	01	1	088	86	1	6	6	0	0	70	//	000	0	0	09	02	97	00	0	127	6	0	0	9	0	0	72	73	/	+ 3	57.4	—14.0	80.8	74
	Dacca (Tejgaon)	000	0	1	00	00	96	01	0	088	82	1	6	1	0	0	68	87	000	0	1	00	00	96	02	4	129	82	1	0	9	3	0	72	70	—	—	53.6	—	64.7	—
	Faridpur	000	0	0	00	00	93	01	1	104	82	2	5	6	0	0	70	87	000	0	0	00	00	97	00	0	127	82	0	0	9	0	1	75	69	+ 3	— 2	43.2	— 8.3	56.9	71
Khulna	Barisal	000	0	2	00	00	//	02	2	089	82	2	4	5	0	0	73	90	000	0	0	00	00	97	02	0	126	82	0	0	9	0	0	70	70	+ 5	— 1	54.3	— 7.8	64.2	81
	Khulna	000	0	0	00	00	97	00	0	090	86	2	2	4	0	0	73	91	013	9	/	//	//	97	00	0	122	82	0	0	9	0	0	73	72	+ 6	+ 2	67.1	+14.3	73.2	68
	Satkhira	000	0	2	00	00	96	01	0	089	80	2	3	5	0	0	80	//	000	0	0	36	02	97	00	0	133	79	0	0	9	0	0	72	79	/	+ 11	56.3	+ 5.8	61.6	65
	Jessore	000	0	3	33	05	96	02	1	090	78	7	4	5	3	0	68	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					66
Rajshahi	Pabna	000	0	0	00	00	//	02	0	089	80	0	0	9	0	0	67	90	000	0	0	31	02	98	02	0	130	81	0	0	9	0	0	70	70	—	—	51.4	—	65.2	59
	Sirajganj	000	6	6	36	01	//	02	2	104	76	6	0	7	6	0	72	86	000	0	0	36	01	98	00	0	126	77	0	0	9	0	0	72	67	+ 1	— 2	43.6	— 0.2	56.2	64
	Rajshahi	003	7	0	36	02	95	03	6	096	80	0	0	9	0	0	72	86	003	9	0	31	02	97	02	0	034	80	0	0	9	0	0	70	80	—	—	53.3	+ 7.2	67.4	69
	Bogra	000	0	0	00	00	96	01	0	089	73	0	0	9	0	0	68	86	000	0	0	00	00	96	02	0	130	79	0	0	9	0	0	70	68	+ 1	— 1	47.3	— 7.9	58.3	72
	Dinajpur	000	0	0	00	00	//	00	0	092	80	0	0	9	0	0	72	87	000	0	0	00	00	96	00	0	134	81	0	0	9	0	0	70	70	+ 2	+ 3	13.7	—46.9	95.7	84
	Rangpur	000	0	2	00	00	96	03	0	086	78	2	0	9	1	0	72	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					—
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	95	02	0	081	85	3	5	6	7	0	64	90	000	0	0	09	02	96	01	1	115	73	0	0	9	0	0	59	70	0	+ 12	13.4	— 1.3	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	91	00	0	150	76	0	0	9	0	0	56	52	—	— 4	6.9	—16.9	11.5	32
Rawalpindi	Jhelum	000	9	7	13	02	95	05	2	090	82	4	5	6	7	0	63	85	001	4	0	27	02	97	01	9	129	72	0	0	9	0	0	58	65	—	—	22.9	—	31.2	—
	Islamabad	...																																							—
	Rawalpindi	880	0	1	05	02	98	00	0	104	73	0	0	9	0	4	59	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	— 7					36
	Campbellpur	...																																							—
Sargodha	Khushab	000	0	0	27	11	96	02	0	074	80	0	0	9	0	4	72	82	000	0	0	05	//	97	06	0	107	68	0	0	9	0	0	61	63	— 8	+ 5	4.4	— 3.9	7.8	15
	Sargodha	000	0	1	05	02	97	01	1	079	78	0	0	9	0	1	67	81	000	0	1	05	02	96	04	0	124	72	0	0	9	0	1	61	67	—	—	17.0	—	20.6	—
	Lyallpur	880	0	4	00	00	96	02	0	072	78	4	0	9	4	0	60	87	000	0	0	36	02	96	00	0	113	68	0	0	9	0	0	65	65	— 1	+ 9	4.7	— 4.6	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	5	00	00	96	05	2	070	85	1	5	6	3	4	64	87	000	0	0	00	00	97	02	1	122	70	0	0	9	0	0	63	65	— 3	+ 6	8.3	+ 3.0	11.3	7
	Leiah	000	0	8	36	01	94	02	2	074	91	0	8	7	0	0	87	91	000	0	4	31	00	92	03	0	124	68	0	0	9	0	0	63	63	—	—	1.0	—	2.8	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	077	91	0	0	9	0	0	56	98	000	0	0	00	00	96	02	0	123	72	0	0	9	0	0	61	65	+ 6	+ 8	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	074	93	0	0	9	0	0	72	96	000	0	0	00	00	96	00	0	111	77	0	0	9	0	0	63	65	+ 5	+ 9	0.7	— 3.6	2.0	6
	Fort Abbas	000	0	0	31	04	98	00	0	058	96	0	0	9	0	0	88	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	054	8	7	00	00	97	01	9	123	64	8	6	9	2	7	//	64	307	0	3	05	05	97	01	1	156	58	3	7	0	0	53	56	—	—	13.8	—	23.2	—
	Peshawar	000	0	7	00	02	97	02	2	116	70	3	5	6	3	0	60	73	000	0	3	00	00	98	01	1	164	63	1	7	4	3	1	61	61	— 10	+ 6	5.2	+ 0.6	13.7	11
	Haripur	005	8	0	31	07	98	00	6	111	70	8	0	9	0	0	56	72	000	0	0	05	03	97	00	0	173	58	0	0	9	0	1	52	53	—	—	9.9	—	20.0	—
D. I. Khan	Bannu	000	0	0	07	02	97	05	0	096	76	7	2	9	0	0	58	82	000	0	0	31	01	99	00	1	148	65	0	0	9	0	0	58	61	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	4	31	08	94	06	4	093	82	2	6	6	2	0	//	82	000	0	2	00	00	97	01	4	134	79	2	8	9	3	0	61	67	— 7	+ 12	3.5	— 2.0	4.0	9
Quetta	Sibi	000	0	6	18	03	97	03	1	057	99	0	0	9	0	0	56	01	000	0	2	18	03	97	03	0	121	72	2	0	9	2	0	69	70	—	—	0.2	—	0.2	5
	Nokkundi	000	0	3	13	05	96	02	0	035	88	3	5	6	0	0	46	50	000	0	0	00	00	97	02	0	090	69	0	0	9	0	0	43	66	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	18	03	96	00	0	///	//	0	0	9	0	0	57	90	000	0	0	09	02	96	00	0	///	69	0	0	9	0	0	53	61	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	//	02	0	093	85	0	0	9	0	0	72	87	000	0	0	09	03	96	01	0	125	74	0	0	9	0	0	73	71	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	05	97	02	0	104	86	0	0	9	0	0	74	88	000	0	0	25	04	97	02	0	130	67	0	0	9	0	0	67	//	— 2	/	0.2	— 0.7	0.3	6
Karachi division	Ormara	...																																							8
	Lasbela	000	0	3	13	05	96	00	0	081	94	0	0	8	0	0	69	86	000	0	0	00	03	94	01	0	131	73	0	0	9	0	0	73	//	—	—	0.0	— 0.8	0.6	6
	Karachi (Manora)	000	0	0	27	05	97	00	0	093	85	0	0	9	0	0	69	86	000	0	4	00	00	98	00	0	128	68	0	0	8	0	0	58	58	—	—	0.7	—	0.7	8
	Karachi (Airport)	000	0	0	27	15	96	02	0	093	90	0	0	9	0	0	46	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					8
Hyderabad	Nagarparkar	...																	000	0	0	00	00	96	02	0	129	76	0	0	9	0	0	74	76	—	—	1.5	—	1.5	—
	Chhor	000	0	0	27	09	96	02	0	083	91	0	0	9	0	0	43	97	000	0	0	05	02	97	02	0	151	81	0	0	9	0	0	81	81	—	—	0.1	—	0.1	—
	Hyderabad	000	0	0	23	09	96	06	0	080	93	0	0	9	0	0	42	98	000	0	0	18	03	96	02	0	117	73	0	0	9	0	0	67	64	—	—	0.2	—	0.3	—
	Badin	000	0	0	23	12	97	02	0	085	95	0	0	9	0	0	68	98	000	0	0	00	00	97	02	0	119	75	0	0	9	0	0	69	72	+ 3	+ 6	1.8	— 4.3	0.3	7
Khairpur	Padidan	000	0	0	23	03	97	02	0	059	98	0	0	9	0	0	51	01	000	0	0	23	04	97	02	0	121	74	0	0	9	0	0	71	72	—	—	0.3	— 6.9	0.3	9
	Nawabshah	000	0	0	23	14	96	02	0	064	95	0	0	9	0	0	55	02	000	0	0	13	03	97	02	0	104	71	0	0	9	0	0	53	61	—	—	0.8	—	0.8	—
	Sukkur	000	4	0	23	07	96	02	0	055	96	0	0	9	0	0	59	98	100	0	0	18	03	96	02	0	109	72	0	0	9	1	9	40	65	—	—	1.0	—	1.1	—
	Kashmore	000	0	0	00	00	98	02	0	056	94	0	0	9	0	0	61	97	000	2	0	13	05	95	05	4	108	72	0	0	9	0	0	52	70	—	—	0.1	—	0.1	4
	Jacobabad	000	0	0	13	05	97	02	0	052	92	0	0	9	0	0	67	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
unagadh	Veraval	...																	000	0	0	09	12	96	05	0	108	75	0	0	9	0	0	66	69	+ 1	+ 10	2.4	— 0.1	2.7	4
	HILL STATIONS																																								20
Kashmir	Srinagar *	...																																							4
	Gulmarg **	...																																							5
	Sonamarg **	...																																							26
	Dras **	...																																							—
	Leh **	...																																							71
	Skardu *	...																																							76
	Misgar **	...																																							3
	Allabad *	...																																							6
	Gilgit *	...																																							—
Rawalpindi	Murree *	...	095	8	4	13	21	97	01	9	503	51	4	5	4	0	/	43	51	142	2	6	13	14	96	02	9	534	52	6	5	2	0	0	48	//	—	—	22.5	—14.7	40.0	59
Peshawar	Drosh *	...	000	0	7	23	02	96	01	5	479	58	6	7	6	2	0	52	60	054	3	8	00	00	96	00	6	543	50	8	7	6	/	/	49	49	—	—	31.1	—	14.2	18
	Cherat *	...	000	0	2	36	02	98	01	2	450	59	2	1	8	0	0	59	59	000	0	0	36	11	98	00	0	522	56	0	0	9	0	0	50	//	—	/	4.0	— 8.5	14.4	29
	Kakul *	...	003	0	3	31	03	98	01	/	500	59	9	8	0	/	/	45	61	019	1	5	31	02	98	03	1	531	53	5	2	4	0	/	49	50	—	—	19.5	—	30.2	—
	Landikotal *	...	000	0	8	31	05	98	03	9	470	64	8	7	6	/	/	32	68	000	0	4	05	05	98	03	4	574	59	6	7	6	/	/	53	56	—	—	0.3	—	12.8	—
	Parachinar *	...	040	4	7	16	03	95	95	9	505	51	7	9	5	/	/	47	64	049	0	/	00	00	99	03	0	529	54	0	0	9	0	/	41	47	—	—	10.2	—	21.3	29
D.I. Khan	Miranshah *	...	000	0	8	05	05	97	03	0	484	73	8	0	9	0	0	54	86	000	0	0	05	05	99	00	0	477	59	0	0	9	0	0	50	53	—	—	0.5	— 4.2	2.0	13
	Wana *	...	015	0	8	05	04	97	05	0	487	64	8	2	7	0	6	51	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	11
Quetta	Fort Sandeman *	...	000	2	7	23	09	96	03	5	478	75	5	4	7	2	0	21	83	000	0	2	00	00	97	03	0	506	57	0	0	9	2	0	43	52	+ 4	+ 2	2.2	— 2.9	6.5	13
	Hindubagh *	...	000	0	6	23	03	92	05	0	492	79	6	2	4	0	0	44	82	000	0	0	00	00	97	02	0	526	60	0	0	9	0	0	39	45	—	—	3.0	—	5.9	—
	Loralai *	...	000	0	0	19	03	98	01	0	395	80	0	0	1	8	8	45	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	9
	Barkhan *	...																																							—
	Harnai *	...	000	0	0	00	00	96	02	0	485	86	0	0	9	0	0	51	91	000	0	0	00	00	96	02	0	477	61	0	0	0	0	0	32	//	—	—	3.9	— 3.8	5.7	14
	Samungli (Quetta) *	...	000	0	4	36	02	97	02	0	490	70	4	2	6	2	0	35	84	000	0	4	00	00	96	02	0	517	51	2	1	6	0	2	34	39	—	—	0.5	— 0.7	3.1	9
	Chaman *	...	000	0	0	23	06	96	00	0	485	70	0	0	9	0	3	57	79	000	0	0	27	05	95	00	0	502	64	0	0	9	0	0	45	59	+ 3	+ 10	2.1	+ 1.6	4.8	8
	Nushki *	...	000	0	0	00	00	95	05	0	531	82	0	0	9	0	0	47	87	000	0	0	07	02	97	02	0	552	74	0	0	9	0	0	44	65	—	—	0.5	—	2.7	—
	Dalbandin *	...	000	0	3	//	03	96	03	0	489	83	3	0	7	0	0	45	85	000	0	0	00	00	97	02	0	592	62	0	0	9	0	0	37	57	0	+ 9	0.0	— 0.2	0.5	4
Kalat	Kalat *	...	000	0	6	27	03	95	02	1	460	71	0	0	9	0	0	49	73	000	0	0	18	03	96	02	0	510	52	0	0	9	0	0	39	43	+ 4	+ 8	0.8	— 0.5	2.2	7
	Khuzdar *	...																																							—
	Panjgur *	...	000	0	1	23	05	95	05	0	449	85	1	1	7	0	0	62	88	000	0	0	00	00	95	05	0	502	60	0	0	9	0	0	51	57	+ 4	+ 4	0.0	—	0.2	5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 29th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sCh_sh_s$	$OT_sT_sT_sT_d$	1$T_wT_wT_wT$	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Almahrosa	99 2 47	10 6 34	28 0 63	02 6 06	98 0 20	13 9 29	00 9 00	62 1 10	73 1 04		00 1 24		30 5 01	
Chakrata	99 2 12	10 6 88	28 0 63	00 4 13	98 0 20	12 5 30	00 9 00	...	73 5 00		05 0 20	13 0 09	30 5 02	00 0 00
Jalamanjari	99 2 13	10 6 42	28 1 23	00 0 00	97 0 00	10 6 28	00 / 00	...	73 6 10		...	...		...
Chakrata	99 2 23	19 8 80	28 1 23	03 2 02	99 0 20	10 4 29	00 9 00	...	...		05 2 20	...	31 / 00	00 0 00
Juna	99 1 94	10 6 26	28 1 83	29 0 09	99 0 11	12 4 28	22 2 00	81 1 00	...		05 2 //	12 9 90	30 2 01	09 4 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_cP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 230 09	...	495 132 58	114 048 58	579 101 58	747 219 50	943 343 //	226 553 //	403 697 //	640 781 //	...	...	...
Dacca ...	00 00	010 230 36	...	476 132 37	092 042 59	578 099 63	746 447 59	954 317 58	227 561 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	080 244 07	...	530 190 60	141 074 00	583 185 //	752 185 //	959 351 //	236 475 //	423 571 //	...	...	...	...
Multan ...	00 00	996 190 20	...	440 160 56	110 080 64	573 205 //	735 305 //	935 411 //	305 505 //	...	...	...	...	...
Peshawar ...	00 00	973 160 11	...	500 150 25	107 053 20	577 123 //	744 209 //	952 317 //	...	...	...	...	...	...
Quetta ...	00 00	821 178 61	...	/// /// //	111 056 //	576 127 //	747 247 //	948 343 //	226 437 //	...	...	...	...	...
Sargodha ...	00 00	996 218 39	...	660 180 45	246 040 40	588 141 //	754 251 //	957 385 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_cT_{ac}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong ...	00 00	900 162 32	830 100 57	600 017 58	350 273 58	...	...	...	...	...	129 751 //	...
Dacca ...	00 00	900 170 56	830 100 58	600 000 58	384 249 59	382 225 57	350 269 58	...	...	...	260 250 80	...
Gilgit ...												
Jiwani ...												
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	141 281 13	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 124 57	600 037 //	350 297 //	246 391 //	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...										060 02	070 03	080 04	340 05	295 06	270 13	007 02	045 02	045 03	005 06	300 03	285 09	265 21	260 26	250 31	245 37	245 53
Bogra ...	085 04	070 04	340 03	050 08	050 13	165 05	230 21	240 35	250 41	010 03	010 03	010 03	335 07	025 02	280 08	340 01	010 03	280 01	070 01							
Chaklala ...		070 15	115 13	205 11	115 32						270 03	050 08	170 15	195 15	250 18		335 02	140 03	185 07	195 09	235 09	225 20	265 16	290 30		
Chhor ...	250 15	250 17	240 19	250 15	285 03	090 04	275 13	255 28	240 33	250 28	250 29	240 28	210 27	200 29	045 08	225 14	225 20	220 22	210 29	180 21	060 35	200 10	265 22	290 37	295 53	
Chittagong ...	245 06	245 08	235 09	265 07	240 13	215 15										130 03	115 03	140 04	175 05	200 05	240 13					
Cherat ...																										
Cox's Bazar ...	275 08	270 06	255 05	230 08	230 03	235 06	230 22			360 03	360 02	300 01	208 03	235 06	205 07	215 02	355 01	335 02	230 06	210 09	225 11	260 13	265 11	240 15	250 38	
Dacca ...	240 04	255 03	205 10	225 //	120 04					/// ///	/// ///	020 02	015 03	015 04	280 05	180 01	345 04	010 02	020 01	050 02						
Dalbandin ...			075 09	245 06	230 13	255 18	255 08	260 20	270 45			175 04	220 11	240 17	265 28			330 01	210 13	215 17	205 14	255 23	280 23	290 26	290 29	275 32
D. I. Khan ...	015 10	025 09	065 07	085 09	190 14	190 07				080 05	130 06	120 08	180 03	190 06	200 07	360 08	105 03	035 04	025 02	080 05	199 03	225 12	235 20	245 19	260 21	260 22
Drosh ...				220 04	230 02	230 11				No	Ascent								320 02	195 02	255 03					
Fort Sandeman ...				300 15	260 01	235 28	265 30						040 04	310 02	245 09				295 01	250 04	230 07	200 16	200 20	215 25	250 36	225 40
Gilgit ...										No	Ascent															
Ishurdi ...										020 07	015 06	005 08	340 10	005 10	280 03	340 03	015 03	085 04	345 09	345 10						
Jacobabad ...	135 07	140 03	190 03	260 07	255 07	240 09	275 10	260 13	265 15	090 28	090 25	155 13	225 03	300 06	260 04	085 13	075 19	010 03	070 08	185 07	205 08	230 06	260 15	270 24	290 33	285 57
Jessore ...	350 15	350 15	355 12	305 07	265 //	325 02				360 06	360 13	360 13	350 14	360 12	280 07	010 07	010 06	010 06	010 12	010 13	345 09	270 17	275 24	265 30	265 35	
Jhelum ...	140 06	130 12	125 13	125 19						360 08	080 15	135 14	135 15													
Jiwani ...	205 11	215 16	215 15	250 08	325 17	145 08	220 07	265 12	190 24	190 04	215 15	215 16	220 09	235 06	155 05	180 09	195 14	205 18	205 07	300 04	295 06	225 12	275 17	255 37	285 26	285 45
Karachi ...	255 19	265 18	255 19	335 12	240 14	320 03	075 05									280 10	280 11	280 19	270 18	350 14	105 07	280 06	270 15	285 17	290 24	305 36
Khanpur ...	285 10	285 01	/// //	245 16	210 20	175 11	215 14	185 09	195 05	330 06	330 06	325 07	310 11	800 15	265 17	035 26	030 29	030 32	030 34	025 23	195 19	175 21	185 40	245 19	255 19	265 08
Khuzdar ...																			275 04	245 06	190 07	245 08	260 13	260 19	285 26	295 37
Lahore ...	185 05	180 06	170 09	225 08	225 17	240 21				105 09	130 14	130 12	095 04	120 02		095 06	110 08	120 09	125 12	175 07	280 03	290 18	280 13	280 17	275 22	270 14
Multan ...	020 05	120 06	215 08	215 17	215 17	325 17	255 15	270 21	265 21	310 02	255 02	260 04	260 08	280 09	275 10	030 05	005 08	285 08	285 06	225 09	220 08	250 09	250 11	260 14	275 22	285 25
Nawab Shah ...	210 27	265 10	200 07	250 01	260 19	050 03	/// //	265 17	275 26	310 03	360 03	045 01	305 02	300 05		310 08	305 06	250 03	210 10	175 08	125 03	125 02	265 24			
Nokkundi ...			130 08	125 06	250 14	270 16	225 15					170 08	205 09	220 12	240 12			100 07	205 09	240 16	210 14	235 23	255 24	255 28	275 30	
Panjgur ...																			220 14	220 12	235 18	185 21	190 09	155 10	185 11	175 30
Peshawar ...		155 06	180 04	235 04							285 05	180 08	150 04	270 15	280 33		010 05	010 05	340 06	330 03	240 16	255 16	245 25	245 23	275 28	280 47
Parachinar ...	No	Ascent											165 03	085 01					270 06	295 05	235 23	265 21	270 23	245 27		
Quetta ...					295 06	250 15														205 06	270 17	255 15	265 22	275 12		
Sargodha ...	065 10	095 12	105 06	215 05	220 10	250 17	275 26	270 31	270 40	/// //	/// //	/// //				055 07	080 10	080 08	020 03	290 10	255 11	245 22	240 22	250 18	290 23	285 25
Skardu ...	320 04	320 06	320 06	305 10	310 11	305 09	// //	165 23	160 31	No	Ascent					No	Ascent		210 05	180 09						
Sylhet ...	280 05	275 03	225 04	125 07	155 07	180 11				040 02	340 01	345 02	125 02			120 03	130 06	140 03	165 03	188 06	040 02	255 06	245 23	250 30	245 41	250 67
Veraval ...																										

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	270 19	270 21	275 21	265 22	250 21	065 05	280 10	290 15	310 28	255 25	295 40	270 84	285 84	...	...	...	...	...
Multan ...	310 02	295 02	260 04	260 08	280 09	275 10	280 14	275 14	275 45	290 19	295 32	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP – Pressure in hunderds tens and units of millibars.

DD – Dew point depression.

hhh – (heights) – Tens of geopotential metres.

TT – Dry Bulb temperatures in °C

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

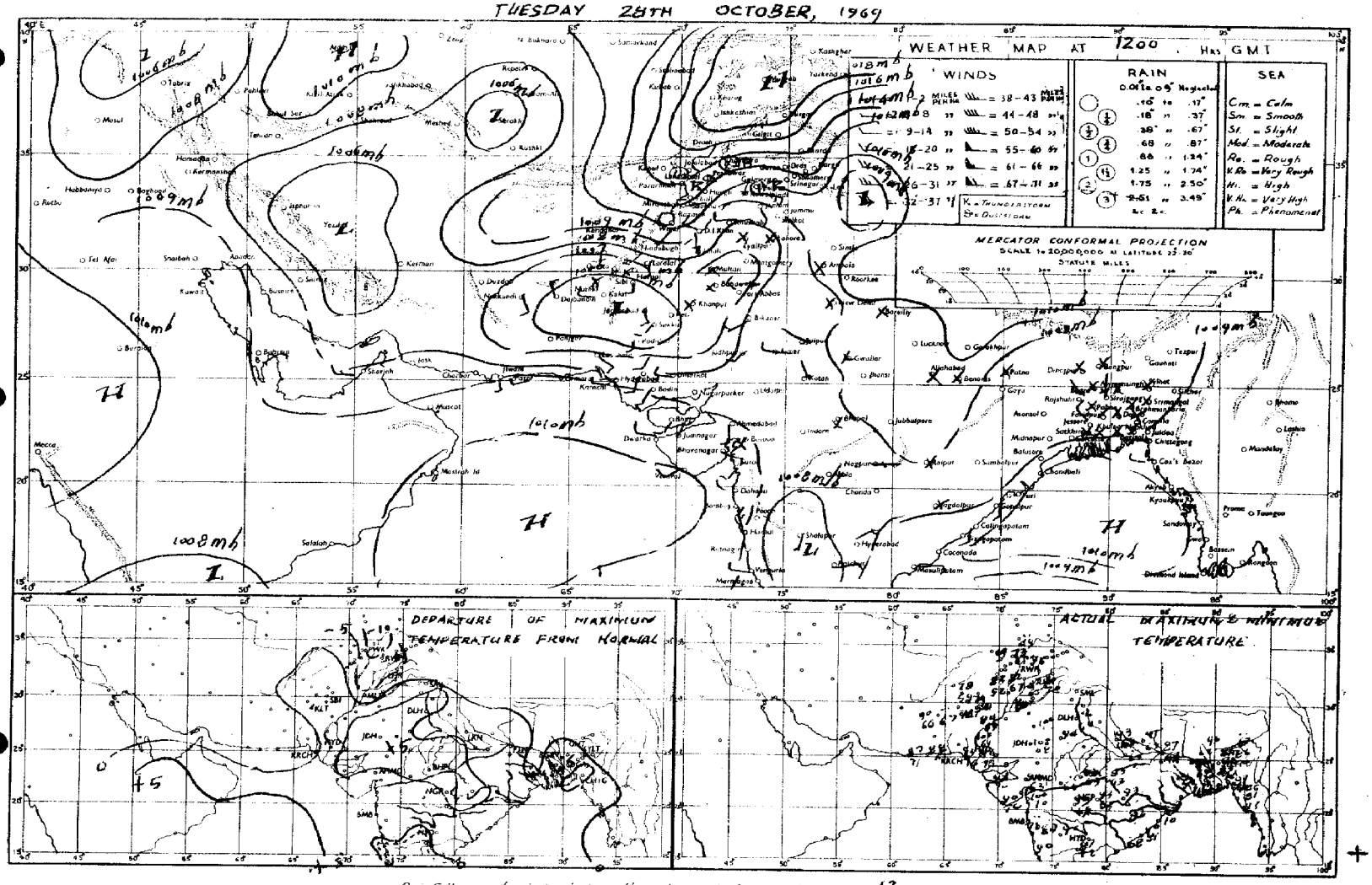
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

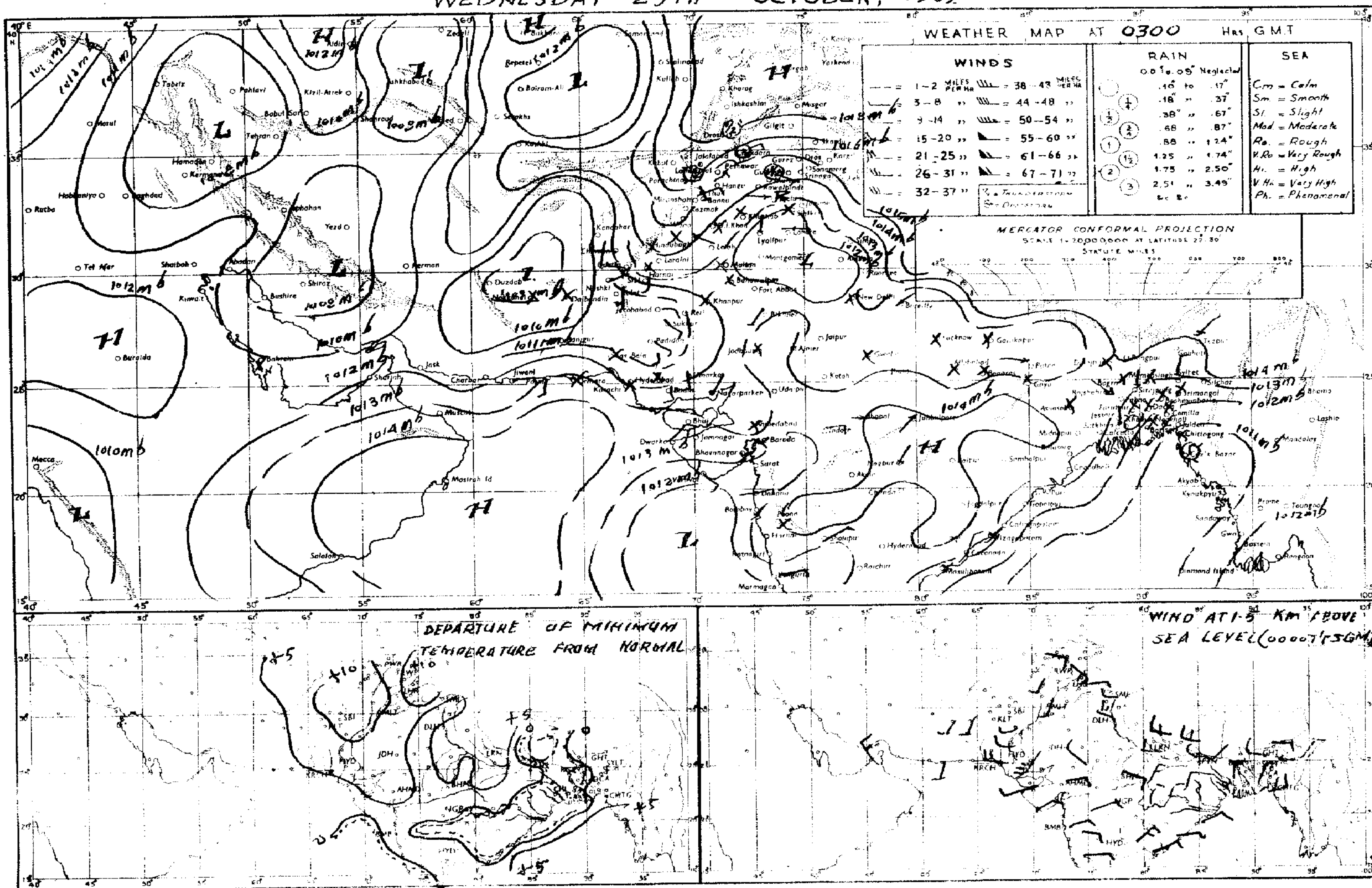
TUESDAY 28TH OCTOBER, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29TH OCTOBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 30th OCTOBER 1969.

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

Yesterday's secondary western disturbance over east and central divisions of West Pakistan is moving away across Kashmir. The western disturbance north West of Afghanistan is now moving East Russian Turkistan. Its secondary lies as a trough over D. I. Khan division and adjoining areas. The western disturbance over central Iran is moving across Russian Turkistan with its secondary over south Afghanistan and adjoining Quetta division. A well marked low pressure area has developed in south West Bay of Bengal. The trough of low pressure over Chittagong division is less marked.
Scattered rain/showers have occurred in Peshawar division and a few falls of light rain in D. I. Khan division.

Parachinar recorded ¼" of rainfall.

Day temperatures were 9 – 10 °F (5 – 6 °C) above normal in Sargodha, Bahawalpur, Peshawar, Quetta, Kalat and Khairpur divisions and 3—8 °F (2—4 °C) so in Khulna, Rajshahi, Lahore, Rawalpindi, Multan and Karachi divisions and were nearly normal elsewhere in the country.

Forecast valid until the evening of 31st October 1969 : – Local rain/thundershowers are likely to occur in Peshawar, Rawalpindi, Quetta divisions and in Kashmir and scattered in Sargodha and D. I. Khan divisions. A few dust/thunderstorms may also occur in Multan, Kalat and Khairpur divisions. Weather will dry elsewhere in the country.

Karachi-11
The 30th October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	3	27	02	96	01	0	093	85	2	3	6	7	0	73	90
	Cox's Bazar	000	0	1	00	00	//	02	0	092	80	1	2	5	0	0	70	87
	Chittagong	000	0	0	00	00	//	02	0	095	82	0	0	9	0	0	72	87
	Maijdee Court	000	0	0	03	00	//	00	0	087	85	0	0	9	0	0	72	87
	Comilla	000	0	0	00	00	96	02	0	093	90	0	0	9	0	0	72	90
	Brahmanbaria	000	0	0	00	00	96	01	0	093	82	0	0	9	0	0	73	90
	Sylhet	000	0	2	05	02	//	02	0	088	77	2	1	6	0	0	//	87
	Srimangal	000	0	0	03	00	//	00	0	092	77	0	0	9	0	0	76	87
Dacca	Mymensingh	000	0	0	00	00	//	00	0	958	82	0	0	9	0	0	76	86
	Narayanganj	000	0	1	00	00	//	01	1	0?1	87	1	6	6	0	0	72	87
	Dacca (Tezgaon)	000	0	0	00	00	//	02	0	055	82	0	0	9	0	0	72	87
	Faridpur	000	0	0	36	02	93	00	0	104	82	0	0	9	0	0	68	87
Khulna	Barisal	000	0	1	00	00	//	02	0	094	82	1	4	5	0	0	76	90
	Khulna	000	0	0	00	00	97	00	0	098	86	0	0	9	0	0	72	94
	Satkhira	000	0	1	00	00	95	01	0	104	80	1	3	6	0	0	//	90
	Jessore	000	0	0	34	02	97	02	0	096	82	0	0	9	0	0	70	87
Rajshahi	Pabna	000	0	0	00	00	//	02	0	099	82	0	0	9	0	0	70	90
	Sirajganj	000	0	0	00	00	//	00	0	0?7	80	0	0	9	0	0	72	86
	Rajshahi	000	0	1	00	00	56	01	1	100	82	1	7	5	0	0	72	96
	Bogra	000	0	0	00	08	//	00	1	077	78	0	0	9	0	0	70	87
	Dinajpur	000	0	0	00	00	//	00	0	092	80	0	0	9	0	0	72	85
	Rangpur	000	0	0	00	00	96	01	0	088	78	0	0	9	0	0	72	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	099	87	0	0	9	0	0	59	91
	Sialkot	000	0	0	00	00	92	00	0	098	85	0	0	9	0	0	78	95
Rawalpindi	Jhelum	000	3	4	31	02	97	02	1	107	85	0	/	9	8	5	60	91
	Islamabad																	
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab	000	0	/	//	//	96	03	0	092	85	0	0	9	2	3	64	86
	Sargodha	000	0	6	05	03	97	03	1	107	82	!	1	6	0	1	68	90
	Lyallpur	...	...	...	...	...	...	...	...	...			...	...	...	...	...	...
Multan	Sahiwal																	
	Multan	000	0	4	00	00	96	03	0	[illegible]	86	1	0	9	3	4	43	90
	Leiah	000	0	3	21	02	94	02	2	[illegible]	90	0	0	9	0	2	64	90
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	96	00	0	095	93	0	0	9	0	0	64	96
	Fort Abbas	000	0	0	31	02	98	00	0	066	96	0	0	9	0	0	85	96
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	000	2	8	23	07	58	95	9	147	73	7	9	6	2	/	63	78
	Haripur	000	2	8	31	03	97	03	1	135	72	8	5	6	0	0	58	76
D. I. Khan	Bannu	000	0	6	29	03	98	03	0	3/7	68	6	2	7	4	0	51	80
	D. I. Khan	000	0	7	00	00	56	21	2	130	80	3	5	6	2	3	59	85
Quetta	Sibi	000	0	6	18	03	97	03	!	105	92	6	0	9	4	2	52	95
	Nokkundi	000	0	1	18	//	97	02	0	023	93	0	0	9	0	0	40	93
Kalat	Turbat	000	0	0	23	02	96	00	0	083	90	0	0	9	0	0	57	90
	Jiwani	000	0	0	13	10	96	02	0	112	83	0	0	9	0	0	76	86
	Pasni	000	0	0	21	10	97	02	0	128	80	0	0	0	0	0	74	90
Karachi division	Ormara	000	0	0	27	10	96	02	0	116	86	0	0	9	0	0	68	00
	Lasbela	000	0	3	00	00	98	00	0	103	86	0	0	8	0	0	68	98
	Karachi (Manora)	000	0	0	27	05	97	02	0	103	83	0	0	9	0	0	70	85
	Karachi (Airport)	000	0	0	27	09	96	02	0	109	90	0	0	9	0	0	57	93
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	119	98	0	0	0	0	0	97	05
	Chhor	000	0	0	25	05	96	02	0	048	92	0	0	9	0	0	56	97
	Hyderabad	000	0	0	23	07	97	02	0	095	94	0	0	9	0	0	47	98
	Badin	000	0	0	23	04	97	02	0	101	95	0	0	9	0	0	68	97
Khairpur	Padidan	000	0	2	//	03	97	02	0	089	92	0	0	9	0	0	55	93
	Nawabshah	000	0	0	00	00	96	02	0	097	94	0	0	9	0	0	59	97
	Sukkur	000	0	0	23	03	96	02	0	087	90	0	0	9	0	0	57	92
	Kashmore																	
	Jacobabad	000	0	0	13	12	97	02	0	090	90	0	0	9	0	0	69	92
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar ✱																	
	Gulmarg ✱✱																	
	Sonamarg ✱✱																	
	Dras ✱✱																	
	Leh ✱✱																	
	Skardu ✱																	
	Misgar ✱✱																	
	Aliabad ✱																	
	Gilgit ✱																	
Rawalpindi	Murree ✱	000	0	6	05	03	97	02	1	576	56	6	5	4	0	0	43	63
Peshawar	Drosh ✱																	
	Cherat ✱	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul ✱	000	0	7	31	03	98	03	1	528	70	3	3	5	2	/	49	72
	Landikotal ✱	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar ✱	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah ✱	019	1	8	05	05	96	03	0	513	63	8	0	9	0	0	54	77
	Wana ✱	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman ✱	000	8	5	05	12	97	01	1	503	70	4	4	7	2	0	35	79
	Hindubagh ✱	000	0	0	20	05	94	05	0	///	//	0	0	9	0	0	62	78
	Loralai ✱	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...
	Barkhan ✱																	
	Harnai ✱	000	0	0	00	00	90	02	0	485	86	0	0	0	0	0	51	91
	Samungli (Quetta) ✱	000	0	4	23	04	96	03	0	456	70	4	3	7	0	0	//	76
	Chaman ✱	000	0	0	23	07	96	00	0	499	79	0	0	9	0	0	42	79
	Nushki ✱	000	0	0	31	03	97	02	0	528	//	0	0	9	0	0	47	//
	Dalbandin ✱	000	0	0	13	09	96	02	0	495	87	0	0	9	0	0	44	91
Kalat	Kalat ✱	000	0	3	23	03	96	02	1	466	69	4	2	9	0	4	//	74
	Khuzdar ✱																	
	Panjgur ✱	000	0	0	23	07	96	02	0	500	82	0	0	9	0	0	59	85

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) • PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	3	36	02	97	01	!	140	77	3	2	7	0	0	72	76	—	—	95.4	—	100.8	—
	Cox's Bazar	000	0	0	36	06	97	01	0	126	82	0	0	9	0	0	72	72	+ 1	+ 1	83.5	−33.1	91.3	140
	Chittagong	000	0	0	05	02	97	01	4	178	77	0	0	9	0	0	73	70	+ 2	+ 1	51.3	−33.2	104.5	108
	Maijdee Court	000	9	0	00	00	97	00	0	076	82	0	0	9	0	0	70	72	+ 2	+ 2	116.0	+24.6	128.2	115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					94
	Brahmanbaria	000	0	0	00	00	97	00	0	132	84	0	0	9	0	0	73	73	—	—	44.1	−10.3	53.8	78
	Sylhet	000	0	0	00	00	96	03	0	133	79	0	0	9	0	0	//	68	—	—	102.3	—	148.2	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 1					98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	141	82	0	0	0	0	0	73	72	+ 1	+ 2	62.1	− 7.4	72.3	91
	Narayanganj	000	0	0	00	00	97	00	0	129	88	0	0	9	0	0	70	73	+ 1	+ 1	57.4	+ 3.8	80.8	74
	Dacca (Tezgaon)	000	0	0	36	02	96	02	0	133	81	0	0	9	0	0	72	70	—	—	53.5	—	64.6	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					71
Khulna	Barisal	000	0	0	09	02	//	//	1	128	82	0	0	9	0	0	72	72	+ 5	+ 1	54.3	− 8.0	64.2	81
	Khulna	000	0	0	00	00	97	28	4	112	84	0	0	9	0	0	73	73	+ 9	+ 3	67.1	+14.3	73.2	68
	Satkhira	000	0	0	00	00	97	00	0	134	82	0	0	0	0	0	70	70	—	+ 2	56.3	+ 5.8	61.6	65
	Jessore	000	0	0	03	00	97	00	0	134	82	0	0	9	0	0	70	68	+ 1	− 2	53.0	+ 4.6	61.4	46
Rajshahi	Pabna	000	0	0	00	00	99	02	0	138	84	0	0	9	0	0	68	72	—	—	51.4	—	65.2	59
	Sirajganj	000	0	0	00	00	58	00	0	134	81	0	0	9	0	0	72	70	+ 1	+ 1	43.5	− 6.2	56.2	64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					69
	Bogra	000	0	0	00	00	96	02	0	130	79	7	0	9	0	1	//	69	+ 2	0	47.3	− 8.0	58.3	72
	Dinajpur	000	0	0	00	00	96	00	0	135	82	0	0	9	0	0	72	70	0	+ 3	72.7	−12.3	95.7	84
	Rangpur	000	0	0	05	02	96	01	0	143	79	0	0	9	0	0	70	67	+ 5	0	66.4	− 1.1	86.0	—
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	31	03	91	03	0	135	70	0	0	9	0	1	59	55	+ 1	+ 7	13.4	− 1.3	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					32
Rawalpindi	Jhelum	000	0	1	31	03	97	02	0	136	72	0	0	9	0	1	53	67	—	—	23.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	1	27	02	99	00	0	145	67	0	0	9	0	4	53	59		+ 8	23.3	− 0.6	33.4	36
	Campbellpur																							—
Sargodha	Khushab	000	0	/	//	//	97	/	0	142	70	0	0	9	0	0	43	59	− 4	—	4.4	− 6.0	7.8	15
	Sargodha	000	0	0	27	03	//	02	0	101	//	0	/	9	/	1	59	//	—	/	17.0	—	20.6	—
	Lyallpur	000	0	0	29	02	96	00	0	130	70	0	0	9	0	0	61	65	—	+ 9	4.6	− 6.0	7.7	12
Multan	Sahiwal																							18
	Multan	000	0	0	36	05	57	03	0	152	72	1	0	9	3	/	56	65	0	+ 8	8.8	+ 3.0	11.3	7
	Leiah	000	0	0	36	00	//	//	/	139	70	0	0	9	0	0	59	63	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	36	05	96	02	0	143	72	0	0	9	0	0	59	65	—	+ 8	0.2	− 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	56	00	0	158	77	0	0	9	0	0	61	63	+ 5	+ 9	0.7	− 3.6	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	4	05	03	98	01	2	150	61	0	0	9	0	3	58	79		—	13.7	—	23.2	—
	Peshawar	000	0	7	13	03	98	02	2	165	65	5	7	5	0	2	//	67	− 5	+ 10	5.6	+ 1.0	14.3	11
	Haripur	000	0	0	05	03	97	00	0	165	65	0	0	9	0	0	58	//	—	—	12.8	—	23.0	—
D. I. Khan	Bannu	000	0	7	27	01	98	03	1	157	68	0	0	9	4	8	56	73	—	—	0.6	—	4.5	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 4					9
Quetta	Sibi	000	0	2	18	03	97	03	0	151	74	0	2	9	2	0	52	70	—	—	0.2	—	0.2	8
	Nokkundi	000	0	3	00	00	97	10	1	119	70	3	5	6	0	0	48	67	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	015	68	0	0	9	0	0	47	//	—		—	—	—	—
	Jiwani	000	0	0	00	00	96	02	0	142	77	1	6	5	0	0	74	73	—	— /	0.0	—	2.0	5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					6
Karachi division	Ormara	000	0	0	00	00	96	02	0	148	74	0	0	9	0	0	73	//	—	/	////	− 0.8	0.6	6
	Lasbela	///	0	2	00	r0	98	00	0	150	65	0	0	8	0	0	56	55	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	08	00	96	03	0	147	77	2	6	4	0	0	74	75	− 2	+ 6	1.0	− 5.0	1.1	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	150	71	0	0	9	0	0	64	67	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	171	70	0	0	0	0	0	79	79	—	—	0.1	—	0.1	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Hyderabad	000	0	0	00	00	97	02	0	148	74	0	0	9	0	0	58	68	+ 3	+ 2	0.2	− 5.8	0.3	7
	Badin	000	0	0	23	01	97	02	0	127	73	0	0	9	0	0	70	72	—	—	—	—	—	9
Khairpur	Padidan	000	0	0	31	03	97	02	0	146	69	0	0	9	0	0	61	62	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	31	05	96	02	0	151	69	0	0	9	0	0	61	63	—	—	1.0	—	1.1	—
	Sukkur	000	2	0	05	03	95	05	4	144	76	0	0	9	0	0	61	71	—	—	0.1	—	0.1	4
	Kashmore																							—
	Jacobabad	000	0	0	27	02	96	02	0	140	//	0	0	9	0	0	65	69	− 1	+ 10	2.4	+ 0.1	2.7	4
Junagadh	Veraval																							20
	HILL STATIONS																							4 5
Kashmir	Srinagar ✱																							26
	Gulmarg ✱✱																							—
	Sonamarg ✱✱																							71
	Dras ✱✱																							26
	Leh ✱✱																							3
	Skardu ✱																							6
	Misgar ✱✱																							—
	Aliabad ✱																							—
	Gilgit ✱																							5
Rawalpindi	Murree ✱	000	0	2	05	03	98	01	1	538	52	0	0	9	0	0	51	47	—	—	22.5	−14.7	40.1	59
Peshawar	Drosh ✱																							18
	Cherat ✱	000	0	0	36	02	98	00	0	529	61	0	0	9	0	0	47	//		—	4.0	− 8.5	14.4	29
	Kakul ✱	000	0	0	31	02	98	03	1	536	59	0	8	9	0	0	47	52	—	—	22.1	—	32.8	—
	Landikotal ✱	000	0	6	05	05	98	03	8	632	61	6	7	6	/	/	50	56		—	2.5	—	13.8	—
	Parachinar ✱	024	0	3	00	00	97	01	1	550	52	2	5	0	3	0	44	47		—	10.8	—	21.6	29
D.I. Khan	Miranshah ✱	000	0	8	05	05	96	03	0	///	//	8	0	9	0	0	53	53	—	—	0.5	− 4.3	2.0	13
	Wana ✱	000	0	0	00	00	99	00	0	518	56	0	0	9	0	0	49	49		—	1.4	—	4.3	11
Quetta	Fort Sandeman ✱	000	0	3	23	03	97	03	0	523	56	2	4	7	1	0	49	53	—	+ 3	2.2	− 3.0	6.5	13
	Hindubagh ✱	000	0	0	00	00	97	02	0	534	56	0	0	9	0	0	47	45	—	—	3.0	—	9.5	—
	Loralai ✱	000	0	0	18	02	98	01	0	395	58	0	1	8	0	6	71	55	—	—	0.6	—	0.6	9
	Barkhan ✱																							—
	Harnai ✱	000	0	0	00	00	96	02	0	511	64	0	0	0	0	0	63	//	—	/	4.0	////	5.6	14
	Samungli (Quetta) ✱	000	0	0	13	05	96	05	0	538	57	0	0	9	0	0	44	50	—	—	0.5	− 0.6	3.1	9
	Chaman ✱	000	0	0	09	03	97	00	0	502	64	0	0	9	0	0	45	59	+ 3	+ 10	2.1	+ 1.7	4.8	8
	Nushki ✱	000	0	0	00	00	97	02	0	566	71	0	0	9	0	0	42	//	—	—	0.5	—	2.6	—
	Dalbandin ✱	000	0	4	00	00	90	03	0	519	67	0	0	9	0	1	47	55	+ 6	+ 7	0.0	− 0.2	0.5	4
Kalat	Kalat ✱	000	0	1	08	02	97	02	0	514	51	0	0	9	0	0	38	44	+ 5	+ 9	0.8	− 0.5	2.2	7
	Khuzdar ✱																							—
	Panjgur ✱	000	0	0	09	02	96	02	0	519	59	0	0	9	0	0	48	54	+ 1	—	—	—	—	5

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 30th OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Koss Mateall ……	99 1 91	10 6	29 3 63	30 7 03	98 0 20	13 2 27	31 3 00				0/ / 24	12 8 47	30 1 01	00 / 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 222 09	...	580 172 58	140 076 62	584 087 59	753 195 59	159 260 45	236 533 //	...	...	...	...	...
Dacca ...	00 00	013 295 47	...	430 152 58	140 086 61	584 095 63	752 225 61	960 355 57	232 535 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	098 212 44	...	500 124 43	095 044 //	574 121 7/	743 195 //	950 351 //	223 511 //	...	...	...	...	...
Multan ...	00 00	999 910 40	...	500 194 70	17/ 16/ 59	585 125 05	752 215 //	957 381 //	228 501 66	...	...	...	...	...
Peshawar ...	00 00	974 176 27	...	530 186 //	153 070 //	583 101 //	752 21/ //	953 351 //	...	...	...	...	...	...
Quetta ...	00 00	824 150 58	...	...	155 118 60	580 037 19	762 121 //	175 185 //	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 57	800 142 58	600 008 58	..	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 175 48	800 095 89	600 010 11	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	—	...	...	...	...	...	...
Peshawar ...	00 00	...		...	...	...	...	...	...	—	...	...	...
Quetta ...	00 00	...	800 146 57	600 048 59	...	...	...	...	...	...	...	...	...
Sargodha ...					...	...	...				—	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	260 02	280 01	300 12	335 04	355 03	310 09	280 23	280 35	...
Bogra ...	310 07	315 08	325 05	350 03	030 02	005 02	095 02	..	...
Chaklala ...		295 06	025 04	085 03	075 02				...
Chhor ...	240 11	245 11	240 13	235 13	170 06	010 05	290 13	310 26	290 26
Chittagong ...	295 04	335 03	095 05	150 04	159 05	150 04			
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	305 07	295 03	275 01	200 03	200 05	-	...	...	...
Dacca ...	330 03	325 04	320 04	260 03	125 01	285 07	275 11	...	...
Dalbandin ...	...	...	210 16	130 10	290 16	200 16	230 11	250 23	260 29
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...		...	...	...	...	...
Fort Sandeman ...	...	...	...	030 30	020 09	285 09	210 25	220 27	236 29
Gilgit ...	...	...	...	100 03	095 07	120 10	125 18	..	.
Ishurdi ...	...	...	...						
Jacobabad ...	130 11	125 14	120 10	128 10	215 07	215 10	205 09	200 13	230 15
Jessore ...	350 10	350 08	345 08	358 05	340 08	330 06	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 12	200 17	200 17	200 08	280 04	325 08	230 14	250 27	...
Karachi ...	285 12	295 12	290 17	215 06	240 15	235 06	150 04	255 06	...
Khanpur ...	020 10	040 10	070 10	135 09	225 04	225 14	017 //	230 21	225 24
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	360 02	010 03	020 03	300 30	335 04	005 05	295 11	290 19	280 21
Multan ...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	285 04	295 03	250 04	250 09	140 05	100 10	265 16	295 24	345 25
Nokkundi ...	...	..	220 07	165 03	160 03	250 16	301 6/	255 29	270 31
Panjgur ...	..	...	...	200 11	220 16	210 16	195 12	195 12	230 15
Peshawar ...	...	...	No	Ascent	...			...	...
Parachinar ...	—	...	...	300 12	270 04	265 35	265 20	...	—
Quetta ...	...	...			220 08	280 20			
Sargodha ...	035 07	030 10	035 08	110 02	200 04	255 20	270 22	245 22	300 21
Skardu ...	...	...	...	245 04	..		...	...	...
Sylhet ...	295 11	295 09	295 05	195 06	200 11	145 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 1	11	12	13	14	15	16
Barisal ...	050 06	050 06	025 04	360 04	315 04	250 08
Bogra ...	345 04	360 06	030 06	040 05	035 07	275 09
Chaklala ...	...	325 07	330 06	315 10	300 11	275 13
Chhor ...	265 11	265 19	255 19	235 24	225 21	355 03
Chittagong ...	..	...	..	...	-	...
Cherat ...	...	...		...	..	...
Cox's Bazar ...						
Dacca ...	010 12	020 11	025 03	185 06	210 05	105 03
Dalbandin ...	...	...	...		...	...
D. I. Khan ...		...	180 00	190 14	205 03	220 21
Drosh ...	305 05	...	...	020 06	...	...
Fort Sandeman ...	...	..	...	260 03	055 02	020 09
Gilgit ...	...	...	...	185 03	045 06	245 15
Ishurdi ...	...	.	...	...	..	...
Jacobabad ...	060 13	060 29	095 19	200 61	250 03	160 07
Jessore ...	025 06	025 08	010 12	350 15	330 06	255 05
Jhelum ...	295 13	325 21	340 20	340 19	290 15	270 15
Jiwani ...	155 09	185 09	210 07	200 08	236 03	235 05
Karachi ...	...		...	...		
Khanpur ...	005 06	020 08	025 10	045 10	005 03	015 13
Khuzdar ...	...	...		200 10	160 07	185 19
Lahore ...	355 13	345 02	305 09	305 09	305 09	300 17
Multan ...	010 13	/20 09	355 06	175 04	235 7/	
Nawab Shah ...	315 07	310 01	260 05	210 07	145 03	095 05
Nokkundi ...		...	/// //	215 08	250 13	285 15
Panjgur ...	...	-	...	235 19	215 16	225 11
Peshawar ...	...	—	...		..	
Parachinar ...	..	...	...	160 04	...	...
Quetta ...	..					
Sargodha ...	360 13	008 11	010 07	310 08	295 14	255 13
Skardu ...		...	...	...	...	...
Sylhet ...	095 10	300 04	130 03	100 04	045 07	070 06
Veraval ...		-	..	...	...	.

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	050 04	015 04	020 04	035 05	360 03	220 06	240 21	230 21	230 20	...	-
Bogra ...	015 94	030 04	/// //	055 06	065 06	065 13	255 11	250 23	..	...	...
Chaklala ...		290 08	335 10	325 07	310 17	280 19	275 11	...	...		...
Chhor ...	270 15	265 17	265 17	245 19	235 19	250 07	265 12	295 17	275 18	...	...
Chittagong ...	040 04	020 04	020 06	315 05	200 06	170 10	170 18	200 20	230 12	...	...
Cherat ...										...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	-
Dacca ...	360 09	310 07	360 04	330 03	180 03	180 10	125 03	225 15	235 09	...	—
Dalbandin ...	345 02	325 02	325 04	060 09	090 08	175 02	235 11	230 17	230 11	...	..
D. I. Khan ...	...	...	170 50	180 11	225 12	240 14	230 18	270 24	270 26	—	-
Drosh ...	295 07	290 07	285 04	305 10	235 08	250 13	260 11	250 10	250 08	...	...
Fort Sandeman ...	...	...	—	...	...	...	...	...	...	...	...
Gilgit ...	..	...	..	250 01	210 07	230 18	310 00	290 17	280 23	...	...
Ishurdi ...	..	...	.	110 22	110 01	025 05	115 07	215 10	245 16	...	..
Jacobabad ...	350 08	045 12	095 13	350 08	025 07	045 12	170 13	095 13	220 28	...	...
Jessore ...	030 07	105 15	015 05	010 09	005 11	255 94	230 14	230 19	250 21	...	...
Jhelum ...	330 13	325 14	315 15	315 19	120 20	300 32	295 33	203 26	...	...	...
Jiwani ...	130 10	165 10	175 10	175 09	225 03	300 06	235 05	190 13	220 23	...	-
Karachi ...	310 07	295 09	290 08	250 06	245 10	250 15	230 15	250 12	230 12	...	...
Khanpur ...	051 40	055 19	060 19	060 12	255 95	255 04	175 20	180 12	165 10	...	...
Khuzdar ...			...	115 04	140 06	160 12	200 15	260 20	275 22	...	...
Lahore ...	340 11	340 20	340 24	325 13	315 22	300 20	295 11	300 20	305 24	...	...
Multan ...	101 01	015 15	005 15	360 09	245 08	260 13	255 17	250 15	255 14	—	...
Nawab Shah ...	350 09	305 13	275 11	255 09	165 06	165 06	255 07	280 16	..	-	...
Nokkundi ...	...	...	080 15	210 05	2 / / /	235 13		...	...	...	...
Panjgur ...	...			225 10	220 57	225 21	234 07		215 25	...	—
Peshawar ...	...	265 02	395 00	325 11	300 08	280 15	265 14	250 18	250 23	...	—
Parachinar ...	.	...	...	285 04	160 01	250 20	260 12	...	245 24	...	—
Quetta ...	...	...	—			...	...	..	...	...	...
Sargodha ...	335 07	350 10	330 09	295 07	235 11	185 07	225 17	230 19	235 27	...	-
Skardu ...				080 03	/// //	110 05	055 05	...	170 06	-	-
Sylhet ...	065 01	675 02	065 02	105 06	120 08	090 09	...	...	...	...	...
Veraval ...	...	...	...	—	...	—	..	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	5 13	095 03	070 03	...	065 03	...	225 17	...	...	—								
Gilgit ...																		
Jiwani ...																		
Karachi ...	280 12	280 18	275 11	245 13	245 15	225 15	225 //	260 16	255 18	...	...	...	...	...	...	...	...	..
Multan ...	015 17	015 12	015 08	360 06	200 12	305 12	225 10	/20 10	290 10	...	...	...	...	...	...	...	...	...
Peshawar ...		340 10	335 11	325 10	275 14	250 20	250 14	245 16	250 91									
Quetta ...																		
Sargodha ...																		

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

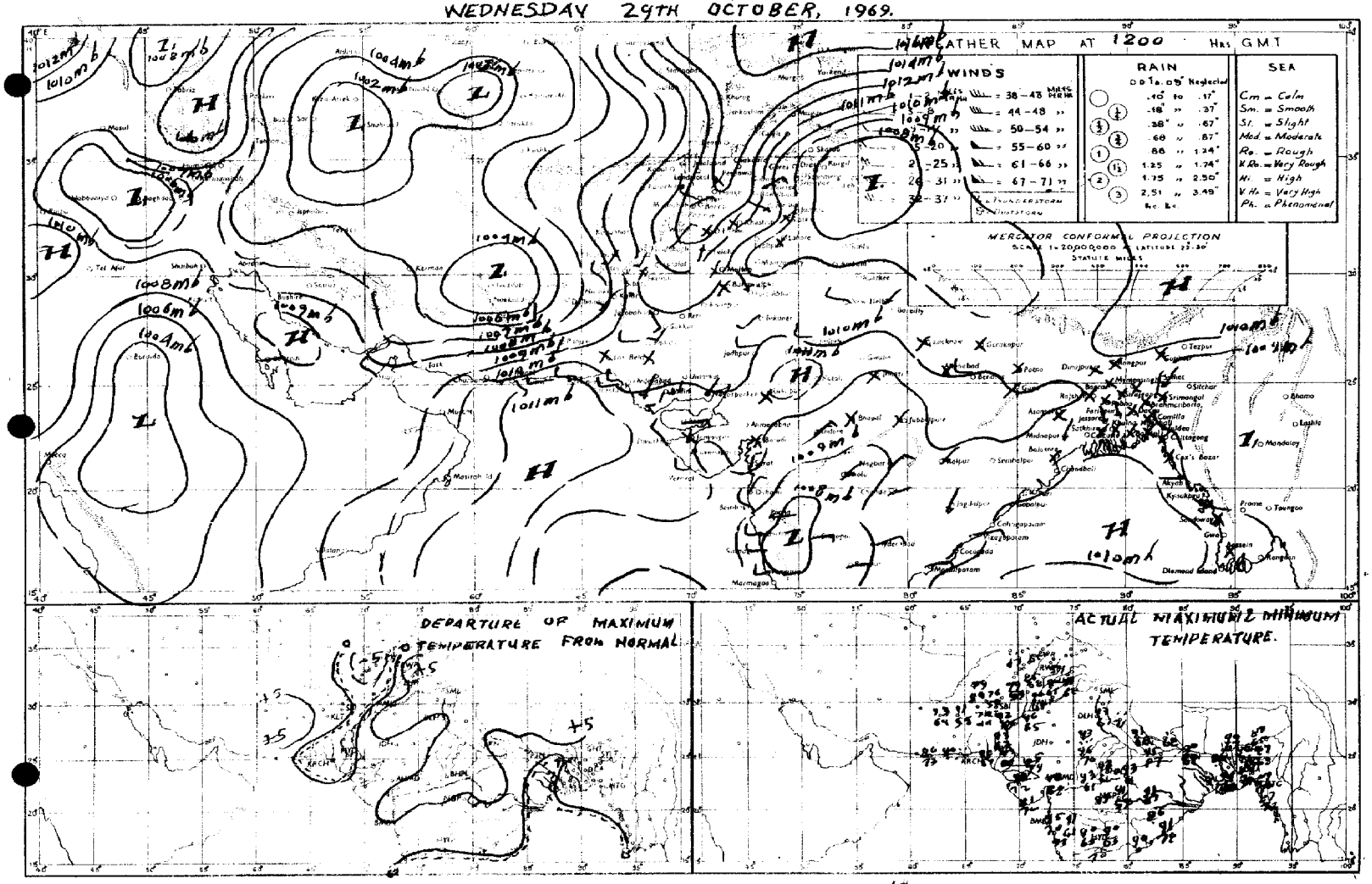
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

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

PAKISTAN DAILY WEATHER MAP

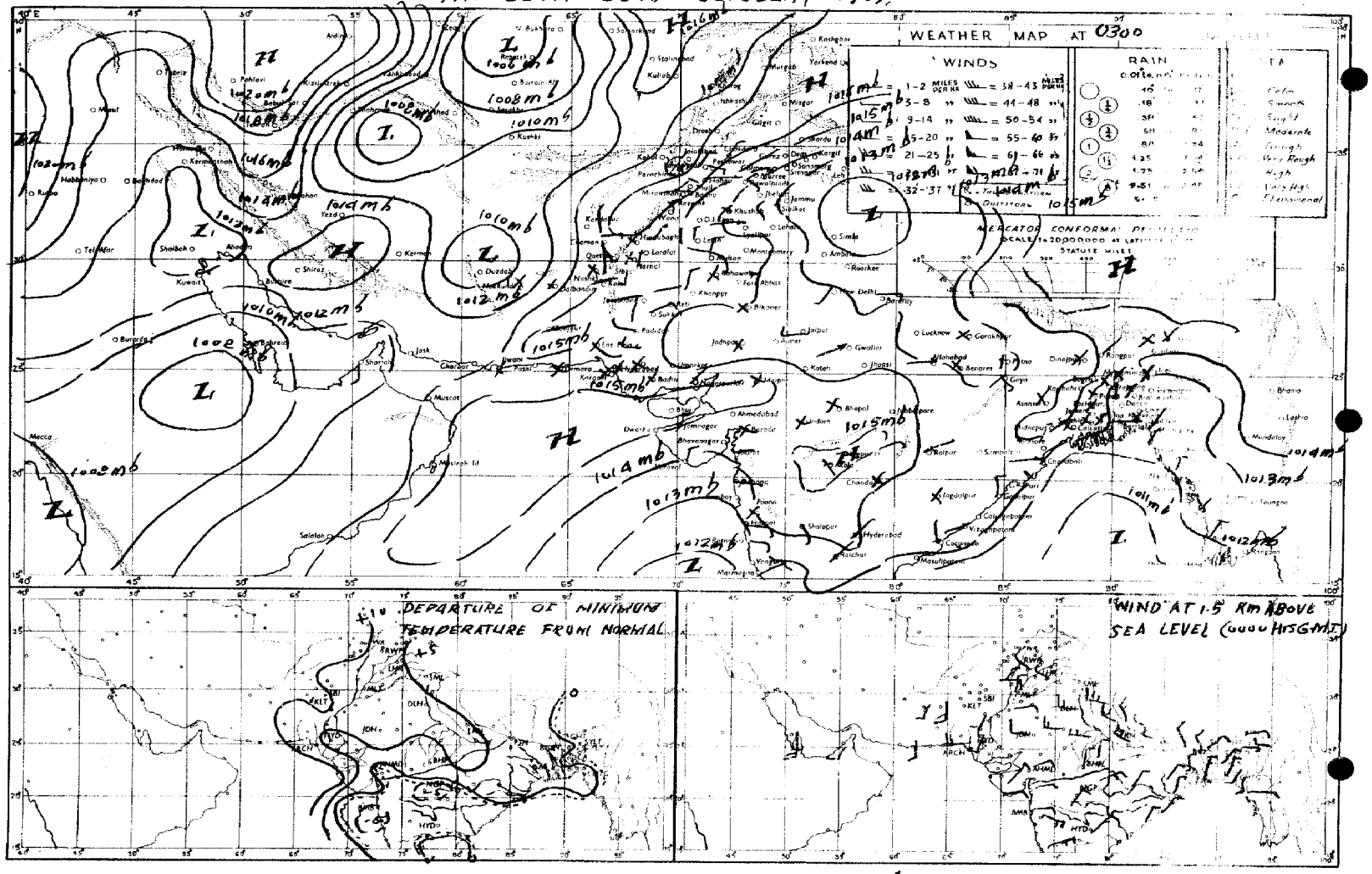
WEDNESDAY 29TH OCTOBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 30th OCTOBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 31st OCTOBER 1969.

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

Yesterday's secondary western disturbance over D. I. Khan division is moving across Kashmir. The secondary western disturbance over south Afghanistan and neighbourhood has moved slightly northeastwards and weakened. A fresh western disturbance lies over central Iran. The trough of low pressure over Chittagong division persists. Weather remained dry over the country.

Night temperatures were 3–7 °F (2–4 °C) above normal in Lahore, Sargodha, Multan, D. I. Khan, Quetta, Kalat, Karachi and Hyderabad divisions.

Forecast valid until the evening of 1st November 1969 :—Scattered rain/thundershower is likely over Quetta, D. I. Khan, Peshawar, Mala Kand, Rawalpindi divisions and Kashmir.

Karachi-11
The 31st October, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Ws	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati **	000	0	1	36	02	96	01	0	095	86	1	1	7	0	0	70	87	000	0	2	18	01	97	01	1	132	77	1	2	7	5	7	70	74	—	—	95.4	—	100.8	—
	Cox's Bazar **	000	0	0	31	06	//	02	0	089	80	1	1	5	0	0	75	87	000	0	0	36	12	97	01	0	114	87	0	0	9	0	0	72	72	+ 1	+ 1	83.5	—31.3	91.2	140
	Chittagong	000	0	1	31	02	96	02	0	093	82	1	4	5	0	0	72	88	000	0	1	05	01	96	01	0	124	77	0	0	9	3	0	//	72	+ 3	+ 1	51.3	—33.4	104.5	168
	Maijdee Court	000	0	0	00	00	//	00	0	087	85	0	0	9	0	0	69	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3						115
	Comilla	000	0	0	00	00	96	02	0	084	85	0	0	9	0	0	72	87	000	0	0	00	00	96	02	0	122	82	0	0	9	0	0	69	74	+ 1	+ 4	83.5	+13.6	10.27	94
	Brahmanbaria	000	0	0	00	00	//	00	0	094	82	0	0	9	0	0	72	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						78
	Sylhet	000	0	3	00	00	//	13	0	090	77	4	9	5	0	0	72	87	000	0	0	05	05	97	02	0	129	77	0	0	9	0	0	68	65	—	—	120.3	—	148.2	—
	Srimangal	000	0	0	00	00	//	00	0	094	77	0	0	9	0	0	59	88	000	0	0	00	00	96	00	0	126	87	0	0	9	0	0	72	60	0	— 4	61.5	— 4.4	87.0	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	096	85	0	0	9	0	0	66	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1						91
	Narayanganj	000	0	0	00	00	//	00	0	085	86	0	0	9	0	0	72	88	000	0	0	00	00	97	00	0	124	86	0	0	9	0	0	72	71	+ 2	+ 1	57.4	+ 3.7	80.8	74
	Dacca (Tejgaon)	000	0	0	00	00	97	01	0	093	83	0	0	9	0	0	68	87	000	0	0	00	00	96	02	0	125	80	0	0	9	0	0	69	69	—	—	53.6	—	64.7	—
	Faridpur	000	0	0	00	00	93	00	0	106	80	0	0	9	0	0	68	87	000	0	0	00	00	97	00	0	120	82	0	0	9	0	0	70	//	+ 3	/	43.2	— 9.5	56.9	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	125	82	0	0	9	0	0	75	72		+ 1	54.3	— 8.3	64.2	81
	Khulna	000	0	0	00	00	97	00	0	111	86	0	0	9	0	0	70	91	000	0	0	00	00	97	00	0	122	85	0	0	9	0	0	72	74	+ 6	+ 4	67.1	+14.2	73.2	68
	Satkhira	000	0	0	00	00	96	00	0	096	83	0	0	9	0	0	80	90	000	0	0	00	00	96	03	0	121	84	0	0	9	0	0	70	66	— 3	— 2	56.3	+ 5.7	61.6	65
	Jessore	000	0	0	00	00	97	02	0	095	82	0	0	9	0	0	66	87	000	3	0	00	00	97	03	4	124	80	0	0	9	0	0	72	66	+ 1	— 4	53.0	+ 4.5	61.4	68
Rajshahi	Pabna	000	0	0	00	00	//	02	0	095	82	0	0	0	0	0	70	90	000	0	0	00	00	99	02	0	127	85	0	0	9	0	0	72	69	/	—	51.4	—	65.2	59
	Sirajganj	000	0	0	00	00	//	00	0	101	80	0	0	9	0	0	69	87	000	0	0	00	00	98	00	0	122	84	0	0	9	0	0	69	70	+ 2	+ 1	43.6	— 6.3	56.2	64
	Rajshahi	000	0	0	00	00	95	02	0	102	80	0	0	9	0	0	69	88	000	0	0	09	02	97	02	0	131	82	0	0	9	0	0	79	69	—	—	53.3	+ 6.9	67.4	—
	Bogra	000	0	0	00	00	//	01	0	097	80	0	0	9	0	0	72	88	000	0	0	00	00	96	02	0	128	79	0	0	9	0	0	72	69	+ 4	— 8.0	47.3	— 8.0	58.3	69
	Dinajpur	000	0	0	00	00	//	00	0	090	82	0	0	9	0	0	74	85	000	0	0	00	00	96	00	0	134	80	0	0	9	0	0	69	69	0	+ 3	72.7	+12.1	95.7	72
	Rangpur	000	0	0	00	00	96	01	0	090	79	0	0	9	0	0	72	87	000	0	0	09	02	96	01	0	141	79	0	0	9	0	0	69	66	+ 2	— 1	66.4	— 1.1	86.0	84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	95	04	0	110	85	0	0	9	0	0	58	90	000	0	0	00	00	96	02	0	120	69	0	0	9	0	0	56	64	0	+ 6	13.4	— 1.3	18.0	19
	Sialkot	000	0	0	00	00	95	00	0	090	85	0	0	9	0	0	79	95	...	...	...	.	..	...	...	...	...	...	...	...	...	...	...	...	...	+ 7						32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	30	02	97	02	0	118	72	0	0	9	0	0	54	64		—	22.9	—	31.2	—
	Islamabad																																									—
	Rawalpindi	000	0	1	27	02	97	00	0	124	74	0	0	0	0	4	//	83	000	0	0	00	00	99	00	0	120	60	0	0	9	0	0	56	56	— 5	+ 5	23.3	+ 0.7	33.4	36
	Campbellpur																																									—
Sargodha	Khushab	000	0	0	09	//	97	00	0	108	87	0	0	9	0	0	30	91	000	0	0	00	00	98	00	0	116	74	0	0	9	0	0	60	66	+ 1	+ 8	4.4	— 5.9	7.8	15
	Sargodha	000	0	0	00	00	97	02	1	112	85	0	0	9	0	0	60	90	000	0	0	00	01	96	04	0	122	64	0	0	9	0	0	58	59	—	—	17.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	112	85	0	0	9	0	2	62	90	000	0	0	29	02	96	00	0	120	68	0	0	9	0	0	59	64	+ 2	+ 8	4.7	— 4.6	7.7	12
Multan	Sahiwal																																									10
	Multan	000	0	4	00	00	96	05	1	116	85	0	0	9	0	4	60	91	000	0	1	00	00	95	04	0	132	69	0	0	9	0	0	//	64	+ 1	+ 7	8.3	+ 3.3	11.3	7
	Laiah	000	0	0	36	00	94	00	0	112	90	0	0	9	0	0	54	90	000	0	2	31	00	92	01	0	157	69	0	0	9	0	2	60	64	—	/	1.0	—	2.8	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	132	76	0	0	9	0	0	50	60		+ 3	0.2	— 4.7	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	055	94	0	0	9	0	0	66	95	000	0	0	00	00	96	00	0	14.	76	0	0	9	0	0	58	64	+ 4	+ 2	0.7	— 3.6	2.0	6
	Fort Abbas	000	0	0	05	02	98	00	0	///	91	0	0	9	0	0	//	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						8
Peshawar	Chakdara	000	0	2	36	02	98	02	1	020	74	0	2	9	0	8	58	73	000	0	2	05	01	98	03	0	133	59	0	0	9	0	0	52	54	—	—	13.8	—	23.2	—
	Peshawar	000	0	3	00	00	98	01	0	123	80	1	8	6	0	1	56	82	000	0	7	00	00	97	03	0	140	62	0	0	9	0	0	58	58	— 1	+ 3	5.6	+ 0.9	14.3	11
	Haripur	000	0	0	13	03	97	00	0	106	77	0	0	9	0	0	56	80	000	0	0	05	03	97	00	0	144	64	0	0	9	0	0	52	58	—	—	12.9	—	23.0	—
D. I. Khan	Bannu	000	0	3	13	02	90	//	/	118	82	0	0	9	0	8	59	86	000	0	2	27	01	99	01	1	129	66	0	0	9	0	4	59	62	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	3	00	00	97	03	0	118	82	0	0	9	0	4	64	91	000	0	0	00	00	96	02	0	///	68	0	0	9	0	0	56	64	+ 2	+ 9	3.5	+ 2.0	6.0	9
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	23	03	97	03	1	975	21	1	4	4	7	4	02	70	—	—	0.2	—	0.2	8
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	05	02	96	03	0	133	71	2	0	9	1	9	42	67	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	989	90	0	0	9	0	0	57	90	000	0	0	27	02	96	00	0	026	72	0	0	9	0	0	69	//	—	—	0.2	—	0.2	—
	Jiwani	000	0	4	18	09	96	02	0	133	83	4	6	5	0	0	74	86	000	0	4	36	03	96	03	0	160	77	0	0	9	0	0	76	71	—	—	0.8	—	2.0	8
	Pasni	000	0	0	23	06	97	02	0	151	79	0	0	0	0	0	78	86	000	0	0	25	04	96	02	0	147	70	0	0	0	0	0	69	//	— 2	/	0.0	— 0.9	0.0	6
Karachi division	Ormara	...																																								6
	Lasbela	///	0	2	00	00	98	00	0	110	97	0	0	8	0	0	65	99	///	0	0	00	00	98	00	0	152	65	0	0	8	0	0	52	56	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	27	03	97	03	0	119	83	2	0	9	1	0	69	86	000	0	0	00	00	96	02	0	146	78	0	0	0	0	0	74	75	— 1	+ 6	1.0	+ 5.0	1.1	8
	Karachi (Airport)	000	0	1	27	05	96	02	0	124	93	1	5	5	0	0	53	95	000	0	0	00	00	96	02	0	145	72	0	0	9	0	0	62	67	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	98	0	0	0	0	0	97	05	000	0	0	05	02	97	02	0	171	85	0	0	0	0	0	85	85	—	—	0.1	—	0.1	—
	Chhor	000	0	0	27	05	96	02	0	113	94	0	0	7	0	0	53	97	000	0	0	00	00	96	02	0	140	70	0	0	9	0	0	57	64	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	00	00	97	02	0	/15	95	2	0	9	3	0	55	99	000	0	0	00	00	97	02	0	146	76	0	0	9	0	0	52	70	+ 4	+ 4	0.2	— 5.9	0.3	9
	Badin	000	0	0	23	08	97	02	0	119	98	0	0	9	0	0	66	99	000	0	0	27	03	97	02	0	129	72	0	0	9	0	0	57	71	—	—	0.8	— 7.0	0.3	—
Khairpur	Padidan	000	0	0	13	03	97	02	0	115	91	0	0	9	0	0	59	93	000	0	0	00	00	97	02	0	138	67	0	0	9	0	0	59	62	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	36	02	96	02	0	122	91	0	0	9	0	0	61	95	000	0	0	00	00	96	02	0	146	68	0	0	9	0	0	59	64	—	—	1.0	—	1.1	4
	Sinkiar	000	6	0	13	03	96	02	0	106	91	0	0	9	0	0	57	91	000	2	0	13	02	95	05	4	142	71	0	0	9	0	0	68	69	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	02	98	02	0	089	89	0	0	9	0	0	57	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						4
	Jacobabad	000	0	0	36	02	97	02	0	117	90	0	0	9	0	0	63	92	000	0	1	00	00	96	02	0	141	72	0	0	9	0	0	64	69	— 1	+ 10	2.4	+ 0.0	2.7	20
unagadh	Veraval	...																																								28
	HILL STATIONS																																									—
Kashmir	Srinagar * ...																																									71
	Gulmarg ** ...																																									36
	Sonamarg ** ...																																									—
	Dras ** ...																																									3
	Leh ** ...																																									6
	Skardu * ...																																									—
	Misgar ** ...																																									—
	Aliabad * ...																																									5
	Gilgit * ...																																									59
Rawalpindi	Murree **	000	0	0	27	03	98	00	1	524	59	0	0	0	0	0	41	64	000	0	0	00	00	98	00	0	519	58	0	0	9	0	0	37	50	—	—	22.5	—14.7	40.1	18
Peshawar	Drosh * ...	000	0	7	09	05	97	02	1	537	66	4	8	7	3	0	41	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						29
	Chitral * ...	000	0	0	36	08	98	00	0	526	64	0	0	9	0	0	45	68	000	0	0	36	16	98	00	0	517	60	0	0	9	0	0	45	//	—	—	40.4	+ 8.5	14.4	—
	Kakul * ...	000	0	1	27	03	98	03	0	522	69	0	0	9	0	1	54	74	000	0	0	09	03	98	01	0	517	58	0	0	9	0	0	43	54	—	—	22.1	—	32.7	—
	Landikotal * ...	000	8	4	05	02	98	01	9	478	40	4	3	9	0	0	49	74	000	0	0	31	05	98	02	0	487	60	0	0	9	0	0	49	54	—	—	2.5	—	13.0	29
	Peshawar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	98	03	1	534	56	0	0	9	0	7	//	49	—	—	10.5	—	21.6	13
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	524	74	0	0	9	0	0	56	76	000	0	0	05	05	99	00	0	539	60	0	0	9	0	0	59	54	—	—	0.5	— 4.3	2.0	11
	Wana * ...	000	0	6	23	04	99	03	2	490	75	6	1	8	0	0	49	77	000	0	0	00	00	99	00	0	518	56	0	0	9	0	0	43	49	—	—	1.4	—	4.3	11
Quetta	Fort Sandeman * ...	000	0	6	00	00	97	03	0	510	27	0	0	0	0	0	36	77	000	0	0	23	02	97	02	0	523	57	0	0	9	0	0	84	52	— 2	+ 2	2.2	— 2.9	6.5	—
	Hindubagh * ...	000	0	0	18	05	92	05	0	479	76	0	0	9	0	0	53	77	000	0	0	27	02	97	02	0	534	56	0	0	9	0	0	41	42	—	—	3.0	—	9.5	9
	Loralai * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	02	98	04	0	395	58	0	0	9	0	0	40	45		—	0.6	—	0.6	—
	Barkhan * ...																																									14
	Harnai * ...	000	0	0	00	00	96	02	0	455	61	0	0	0	0	0	51	91	000	0	0	00	00	96	02	0	511	64	0	0	0	0	0	63	//	—	—	3.9	— 3.8	5.7	9
	Samungli (Quetta) * ...	000	0	0	27	04	//	00	0	///	//	0	0	0	0	0	42	77	000	0	0	00	00	96	02	0	550	55	0	0	9	0	0	32	53	—	—	—	—	—	8
	Chaman * ...	000	0	0	23	05	95	04	0	518	77	0	0	9	0	0	47	80	000	0	0	09	03	96	00	0	539	64	0	0	9	0	0	40	59	+ 4	+ 10	2.1	+ 1.7	4.8	—
	Nushki * ...	000	0	0	00	00	97	02	0	572	83	0	0	9	0	0	43	86	000	0	0	00	00	97	02	0	576	71	0	0	9	0	0	49	69	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	2	23	03	97	03	0	519	89	0	0	9	2	0	46	88	000	0	5	00	00	97	03	0	524	67	5	0	9	3	8	40	57	+ 3	+ 9	8.0	— 0.1	8.5	7
Kalat	Kalat * ...	000	0	0	31	03	96	02	0	491	68	0	0	9	0	0	45	72	000	0	5	18	03	96	03	0	526	50	0	0	9	0	0	35	43	+ 3	+ 8	0.8	— 0.5	2.2	—
	Khuzdar * ...																																									5
	Panjgur * ...	000	0	0	23	02	96	02	0	518	81	0	0	9	0	0	62	84	000	0	0	05	03	96	02	0	525	62	0	0	9	0	0	53	57	0	+ 4	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 31st OCTOBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British	99 2 45	10 5 82	29 0 03	01 2 10	99 8 70	10 4 28	03 9 03							
Atyrau	99 1 22	10 6 14	30 3 63	21 6 05	08 0 20	13 5 28	22 4 00				0/ / 25	12 8 28	30 1 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		hhh TTT$_a$ DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	007 222 15	...	480 126 50	106 048 59	578 115 60	747 191 59	955 339 59	217 549 / /	...	...	...	...	...
Dacca ...	00 00	010 208 11	...	445 134 13	103 040 5/	578 141 35	749 241 43	947 57/ / /	213 587 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	108 222 56	...	530 204 56	177 080 12	597 105 / /	707 165 / /	968 261 / /		...	...	...	...	...
Multan ...	00 00	958 184 33	...	500 200 50	162 100 58	584 095 / /	775 161 / /	966 291 / /	245 435 / /	...	...	...	...	-
Peshawar ...	00 00	972 116 38	...	450 194 55	138 090 55	584 083 / /	753 201 / /	959 365 / /		...	...	...	...	-
Quetta ...	00 00	824 124 61	...		163 096 / /	586 067 / /	059 113 / /	976 187 / /	272 277 / /	...	...	...	...	-
Sargodha ...	00 00	997 230 57	...	525 220 55	211 090 43	389 105 / /	757 215 / /	963 355 / /	238 471 / /	...	...	...	...	-

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{ac}T_{ac}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 176 / /	800 100 50	600 023 58	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 154 16	800 082 13	600 037 45	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	-	...	...	-
Multan ...	00 00	...	...	...	...	...	...	...	...	-	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	-	...	...	...
Quetta ...	00 00	...	800 184 / /	600 008 / /	...	...	...	...	...	-	...	...	...
Sargodha ...													

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	335 04	360 04	010 04	025 07	240 08	240 08	235 12	250 21	245 19	...	...	...	...	...	...	360 03	320 03	315 04	350 06	360 08	...	...	...	...	...	-
Bogra ...	320 06	345 07	345 06	005 04	040 07	045 07				360 03	360 07	360 06	005 06	030 06	045 04	005 04	367 04	360 04	040 04	005 02	015 15	...	...	...	...	...
Chaklala ...		310 12	310 04	321 08	320 10	305 17	280 19	280 09	280 10	...	285 05	335 10	315 16	305 12	305 15		325 03	320 11	330 12	315 04	325 08	240 10	245 14	270 18		...
Chhor ...	275 09	305 10	300 12	275 07	280 09	285 10	260 12	290 17	280 19	265 15	260 13	250 07	245 04	255 07	125 05	250 11	255 12	245 14	240 17	235 24	220 15	275 10	245 14	245 18	...	...
Chittagong ...	320 06	325 06	325 05	195 05	180 13	195 13	...	...	...	...	...	...	...	...	...	360 03	280 03	280 04	180 10	190 12	210 14	225 16	225 15	225 15	...	...
Cherat ...																									...	...
Cox's Bazar ...	300 10	330 10	300 10	290 10	290 10	270 05	265 05	225 10	225 15	005 12	015 06	300 03	215 02	190 06	155 06	005 10	367 05	360 02	305 04	185 02	210 11	015 06	235 25	235 33	...	...
Dacca ...	335 06	335 08	335 08	340 06	335 05	115 07	220 13	245 18		...	...		...		...	340 07	340 06	340 08	030 10	020 13	330 05	255 12	305 15	320 21	...	...
Dalbandin ...	...	...	215 02	205 08	220 11	230 12	250 15	250 17	255 24			075 01	220 12	220 07	210 09			170 07	185 09	230 16	230 15	330 03	255 17	255 27	...	...
D. I. Khan ...	145 05	145 04	150 03	250 01	260 01	295 01	285 14	285 13	260 14	060 03	060 03	080 02	095 05	115 07	165 12	245 04	250 05	270 04	285 04	295 08	275 14	270 13	245 10	275 11	...	...
Drosh ...	...	...	...							...		...	090 01	080 02	010 07				090 02	045 10	020 18	170 06	210 13	210 01	...	...
Fort Sandeman ...	...	...	...	345 03	285 04	235 10	265 18	275 21	225 20	...	...	...	180 02	135 03	305 17	...	...	...	235 05	245 06	300 10	275 15	250 14	235 18	...	...
Gilgit ...	...	...	...	130 01	105 02	119 03	135 08	190 08	...	...	...	...	...	...	...										...	...
Ishurdi ...																									...	...
Jacobabad ...	030 02	125 04	145 04	185 03	087 03	190 09	250 22	275 21	280 29	175 08	160 09	135 09	105 02	200 02	250 03	060 02	045 03	030 03	345 08	360 06	360 06	215 09	320 13		...	...
Jessore ...	025 07	025 05	010 05	363 10	360 11	310 08				080 03	055 02	350 01	355 06	355 15	355 15	210 03	1.0 03	220 05	220 06	235 05	360 08	210 09	270 12	280 13	...	...
Jhelum ...	295 12	300 19	300 17	303 12	310 20	310 23	305 27	290 17	285 25	300 14	335 16	320 21	305 21	315 25	3.5 15	020 03	050 08	050 04	020 10	025 12	310 08	280 15	315 13	315 23	...	...
Jiwani ...	155 17	165 08	185 03	190 04	135 03					245 04	230 05	270 05	245 04	190 05	355 04	310 10	310 14	305 15	310 27	315 36	310 32	295 18	295 20	290 18	...	...
Karachi ...	275 11	280 14	280 15	265 14	245 17	260 18	245 18	255 19	245 15	300 18	270 22	270 23	245 07	245 10	245 12										...	-
Khanpur ...	0.0 09	055 12	055 12	135 08	195 16	255 08	250 20	245 35	255 35	220 06	220 07	215 07	310 08	280 03	025 03	280 05	295 08	290 12	265 17	260 12	255 04	240 18	245 33	235 24	...	...
Khuzdar ...				135 09	175 06	210 04							130 05	285 14		230 21	245 22	260 23	255 37	250 40	250 49	250 43	175 35	/// ///	...	...
Lahore ...	290 08	295 14	295 17	295 17	310 20	315 18	320 22	315 15	325 17	315 11	315 15	320 17	310 17	320 17					275 07		228 03		245 12		...	...
Multan ...	140 07	100 03	075 03	315 09	280 04	260 18	220 12		260 16	255 05	250 08	265 07	310 08	205 08	280 07	330 06	315 17	315 23	315 19	310 23	295 25	300 17	245 10	260 09	...	...
Nawab Shah ...	280 03	280 03	280 05	250 15	250 20	260 10	270 15	270 20	270 25	225 05	220 07	215 07	165 06	310 12	255 03	180 03	280 08	225 11	235 22	235 05	245 21	245 12	220 18	230 14	...	...
Nokkundi ...	...	...	200 04	130 05	050 10	250 15	300 20	250 15		...	...	030 17	015 14	315 09	300 08	200 02	240 03	245 03	275 02	295 25	250 03	230 07	225 09	210 09	-	...
Panjgur ...	...	...	...	200 10	200 10	220 07	225 19	225 20	230 20	...	...	...	160 07	330 06	225 10	...	...	055 03		270 09	285 15	240 19	195 10	240 21	...	...
Peshawar ...	...	...	...							...	...	...				...			225 08	255 04	275 04	290 07	290 13	305 17	...	...
Parachinar ...	...	...	...	280 12	315 02			...	...	...	...	...				...	120 05	275 02	280 06	310 12	325 12	270 12	245 12	265 15	...	...
Quetta ...				...	165 04	245 04	245 22			...	...	...	235 05	175 01	...	...	...	...	...	100 08	330 03	295 02	275 17	255 27	...	...
Sargodha ...	310 04	320 07	315 09	300 14	310 17	295 12	285 19	290 22	285 24	305 08	325 08	330 13	310 13	298 15	310 22	260 05	290 06	310 09	295 12	300 18	280 08	250 10	245 23	245 27	...	...
Skardu ...				260 02	/// //	085 02	010 03	275 08													330 17	280 11	295 24	300 31	...	...
Sylhet ...	315 13	330 07	260 04	110 04	105 12	070 07	...	...	...	080 09	065 02	125 05	120 09	125 15	140 09	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	055 01	360 02	340 04	...	355 13	...	225 13	...	...	...								
Gilgit ...																		
Jiwani ...																		
Karachi ...	330 18	270 22	270 23	245 09	245 10	265 12	305 12	200 21	200 27	...	...	...	...	...	...	...	...	...
Multan ...	275 06	275 04	270 05	270 08	270 10	260 08	290 12	290 18	290 02	...	...	...	...	...	...	...	...	...
Peshawar ...		355 05	325 06	330 12	330 18	325 17	250 12	250 10	250 10									
Quetta ...																		
Sargodha ...																		

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

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

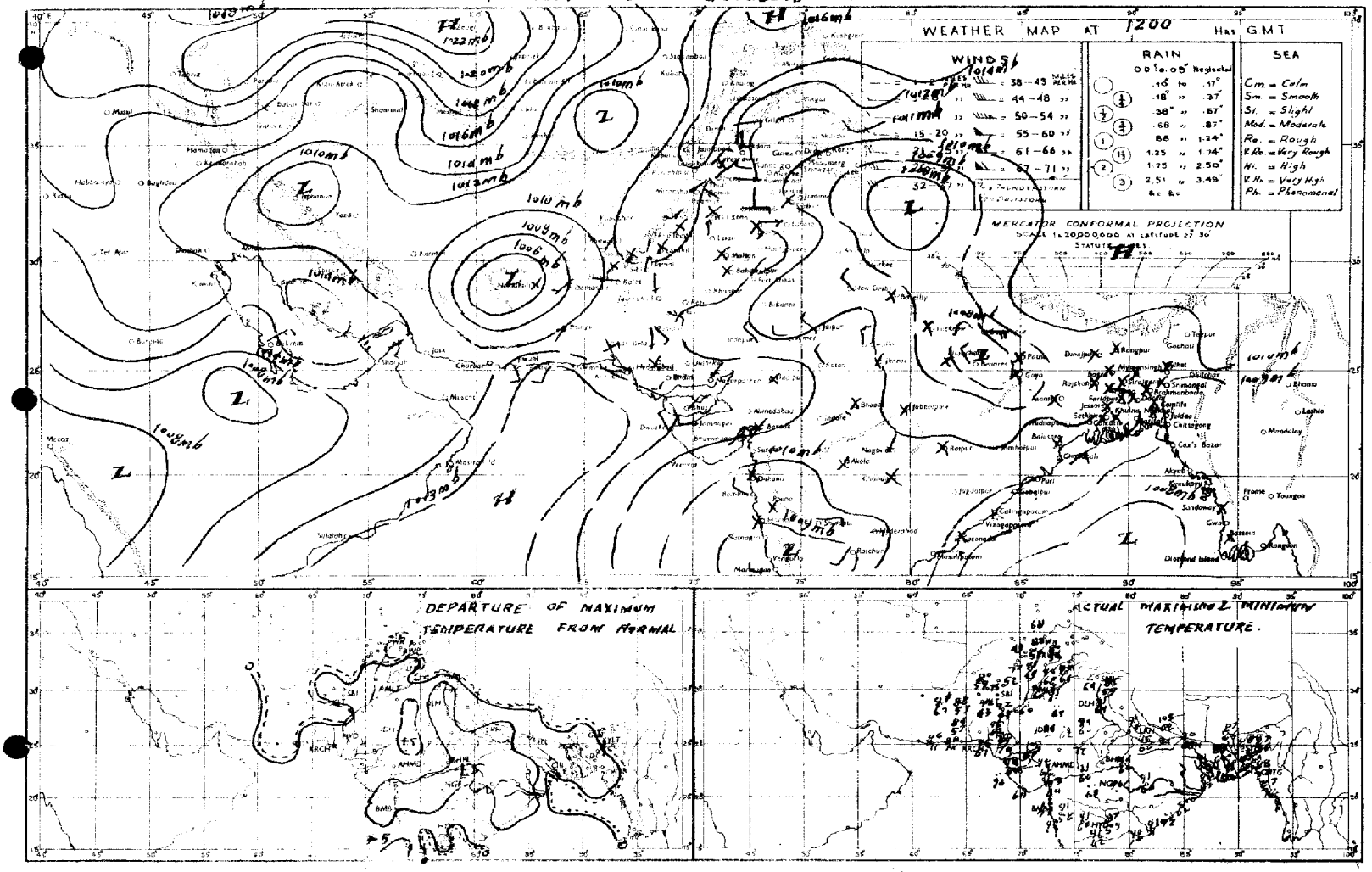
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

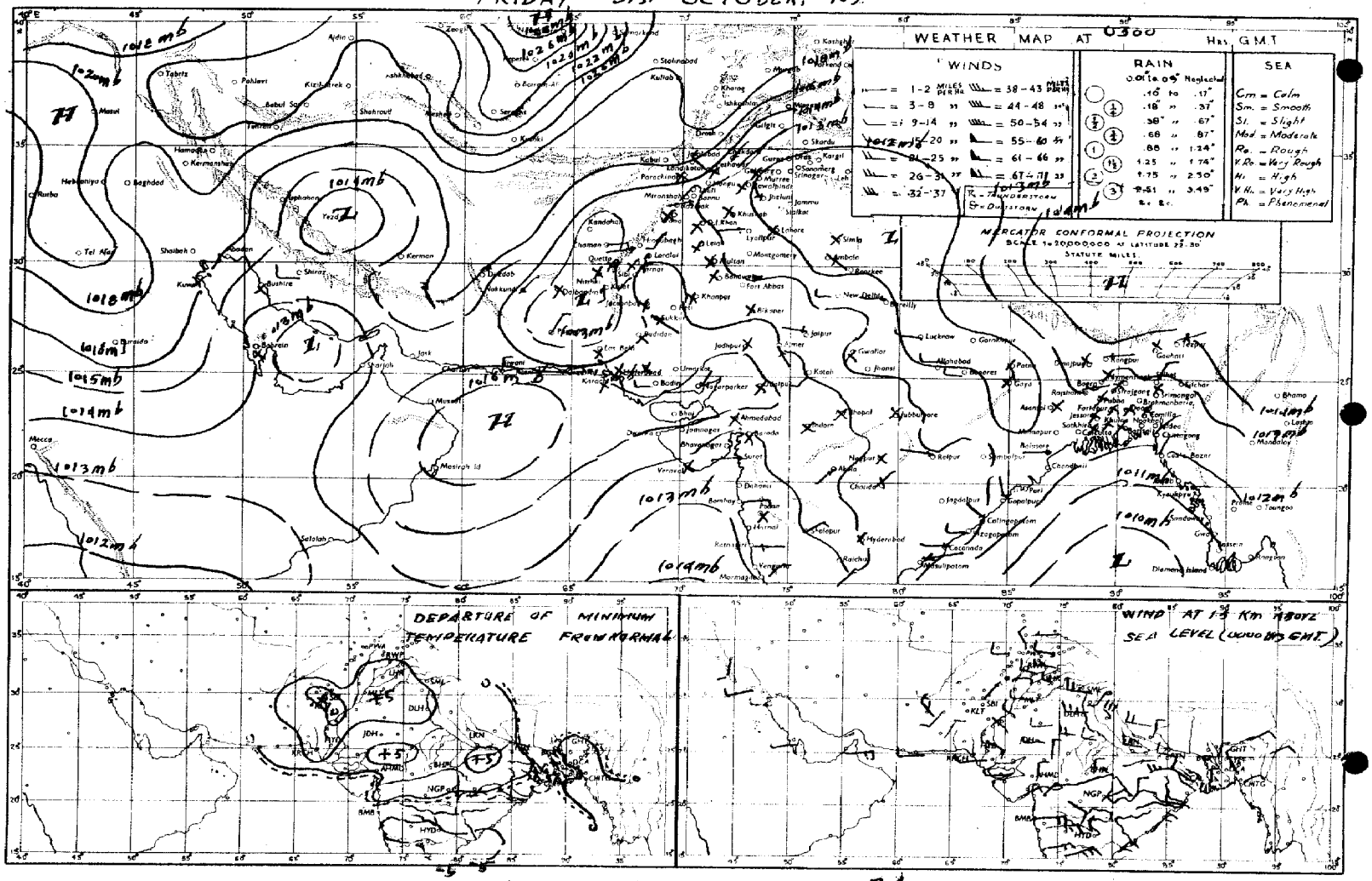
THURSDAY 30TH OCTOBER 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 31st OCTOBER, 1969.



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

PRINTED AT THE SURVEY OF PAKISTAN OFFICE, DHALPUR.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 2nd NOVEMBER 1969.

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

Western disturbance over Afghanistan is moving away eastwards. The trough of low pressure over Chittagong division has become unimportant.

Weather continues to be dry over the country.

Night temperatures were 4—10 °F (3—6 °C) above normal over the country.

Forecast valid until the evening of 3rd November 1969 :— A few thunderstorms/showers may occur over Quetta, Peshawar, Sargodha, Rawalpindi divisions and Kashmir.

Karachi-11
The 2nd November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	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)	As 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced as † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 (cents)	Departure from normal	Since 1st January, 1969 (cents)	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	31	02	96	01	0	083	85	1	1	7	0	0	70	87	000	0	1	36	02	97	01	1	123	80	1	1	7	0	0	76	72	—	—	0.0	—	100.1	—
	Cox's Bazar	000	0	0	31	06	//	02	0	074	80	0	0	9	0	0	64	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	0.0	—	104.5	140
	Chittagong	000	0	0	31	02	//	01	0	078	80	0	0	9	0	0	67	87	000	0	0	06	02	97	02	0	121	79	0	0	9	0	0	72	70	+ 2	0	0.0	— 0.4	108.2	108
	Majidee Coure	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	118	85	0	0	9	0	0	80	70	—	+ 1	0.0	+ 0.3	128.2	115
	Comilla	000	0	0	00	00	96	02	0	078	87	0	0	9	0	0	70	90	000	0	0	00	00	96	02	0	123	84	0	0	9	0	0	77	72	+ 5	+ 4	0.0	— 0.2	102.7	94
	Brahmanbaria	000	0	0	00	00	//	00	0	083	82	0	0	9	0	0	72	90	000	0	0	00	00	97	00	0	105	73	0	0	9	0	0	77	//	—	—	0.0	0.0	53.8	78
	Sylhet	000	0	0	00	00	//	01	0	077	80	1	5	6	0	0	70	90	000	0	0	00	00	97	02	0	128	79	0	0	9	0	0	70	67	—	—	0.0	—	148.2	—
	Srimangal	000	0	0	00	00	//	00	0	090	77	0	0	9	0	0	75	87	000	0	0	00	00	96	00	0	099	63	0	0	9	0	0	61	///	—	1	0.0	— 0.3	83.0	98
Dacca	Mymensingh	000	0	0	00	00	//	01	1	079	82	3	5	5	0	0	67	86	000	0	0	00	00	97	00	0	136	80	0	0	9	0	0	70	70	+ 2	0	0.0	— 0.1	77.3	91
	Narayanganj	000	0	5	00	00	//	03	1	077	86	5	6	6	0	0	73	87	000	0	0	09	02	97	00	0	126	86	0	0	9	0	0	72	72	+ 2	+ 2	0.0	— 0.2	80.8	74
	Dacca (Tejgaon)	000	0	2	00	00	96	01	2	080	78	2	8	5	0	0	67	87	000	0	0	00	00	96	05	0	129	81	0	0	9	0	0	70	68	—	—	0.0	—	64.7	—
	Faridpur	000	0	0	00	00	93	00	0	086	82	0	0	9	0	0	72	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—				71
Khulna	Barisal	000	0	4	00	00	//	02	1	080	80	4	4	4	0	0	76	87	000	0	0	00	00	97	02	0	126	81	0	0	9	0	0	73	68	+ 3	— 1	0.0	— 0.3	64.2	81
	Khulna	000	0	0	00	00	97	00	0	///	86	0	0	9	0	0	70	90	000	0	0	00	00	97	00	0	104	85	0	0	9	0	0	63	71	+ 6	+ 4	0.0	— 0.2	73.2	68
	Satkhira	000	0	0	00	00	96	00	0	075	80	0	0	9	0	0	78	90	000	0	0	36	01	97	00	0	127	80	0	0	9	0	0	70	68	+ 3	+ 2	0.0	— 0.1	61.6	65
	Jessore	000	0	0	36	03	97	02	0	079	80	0	0	9	0	0	68	87	000	0	0	00	00	96	05	4	126	81	0	0	9	0	0	70	67	—	—	0.0	— 0.3	61.4	65
Rajshahi	Pabna	000	0	0	00	00	//	02	0	076	80	0	0	9	0	0	70	87	000	0	0	31	02	99	02	0	133	78	0	0	9	0	0	72	70	—	—	0.0	—	65.2	59
	Sirajganj	000	0	0	00	00	//	00	0	076	80	0	0	9	0	0	70	87	000	0	0	00	00	98	00	0	129	78	0	0	9	0	0	72	78	+ 4	+ 11	0.0	— 0.1	56.2	64
	Rajshahi	000	0	0	31	02	95	02	0	090	80	0	0	9	0	0	70	86	000	0	0	36	02	98	00	0	134	80	0	0	9	0	0	70	70	+ 2	+ 3	0.0	— 0.1	67.4	—
	Bogra	000	0	0	00	00	96	02	0	093	78	0	0	9	0	0	70	87	000	0	0	05	02	96	02	0	130	80	2	0	9	0	0	//	//	+ 3		0.0	— 0.1	58.3	69
	Dinajpur	000	0	0	00	00	//	00	0	090	82	0	0	9	0	0	70	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3		0.0	— 0.1	86.0	72
	Rangpur	000	0	0	00	00	96	01	0	093	78	0	0	9	0	0	72	87	000	0	0	05	02	96	01	0	138	77	0	0	9	0	0	70	//	+ 2	//				84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	95	06	0	086	86	1	0	9	4	0	63	91	000	0	0	00	00	94	10	0	124	72	0	0	9	8	0	61	65	+ 3	+ 14	0.0	0.0	17.9	19
	Sialkot	...																																							32
Rawalpindi	Jhelum	000	0	2	00	00	97	02	0	079	86	1	0	9	3	0	60	91	000	0	0	00	00	97	02	0	126	70	0	0	9	0	0	52	61	—	—	0.0	—	31.1	—
	Islamabad	000	0	0	00	00	99	00	0	091	78	0	0	9	0	0	58	87	000	0	0	00	00	98	00	0	138	63	0	0	9	0	0	52	58	+ 5	+ 10	0.0	0.0	33.4	36
	Rawalpindi	...																																							—
	Campbellpur	...																																							—
Sargodha	Khushab	000	0	9	00	00	97	00	0	078	87	0	0	9	0	0	72	96	000	0	0	00	00	98	00	0	127	72	0	0	9	0	0	61	67	+ 9	+ 13	0.0	0.0	7.8	15
	Sargodha	000	0	4	09	03	97	03	0	081	82	2	0	9	3	1	68	93	000	0	0	09	03	96	04	0	124	68	0	0	9	0	0	61	61	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	090	86	0	0	9	0	0	63	91	000	0	0	00	00	96	00	0	113	68	0	0	9	0	0	61	63	+ 5	+ 11	0.0	0.0	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	1	00	00	96	02	0	077	87	0	0	9	0	0	60	95	000	0	0	00	00	96	04	0	120	67	0	0	9	0	0	61	61	+ 7	+ 7	0.0	0.0	11.3	7
	Leiah	000	0	6	31	01	94	03	0	069	90	0	0	9	0	8	50	90	000	0	2	31	02	92	01	2	157	70	0	0	9	0	2	61	65	—	—	0.0	0.0	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	083	26	0	0	9	0	4	65	93	000	0	3	23	03	96	03	0	104	72	1	0	9	3	1	53	61	—	+ 6	0.0	0.0	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	076	91	0	0	9	0	0	72	96	000	0	0	00	00	96	00	0	114	74	0	0	9	0	0	59	63	+ 5	+ 8	0.0	0.0	1.1	6
	Rohri Abbas	000	0	0	23	02	98	00	0	065	95	0	0	9	0	0	80	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
Peshawar	Chakdara	000	0	0	36	02	98	02	0	069	76	0	0	9	0	0	58	77	000	0	0	00	00	98	02	0	138	58	0	0	9	0	4	52	53	—	—	0.0	—	23.1	—
	Peshawar	000	0	1	00	00	97	01	0	088	78	1	1	6	0	0	60	85	000	0	1	00	00	97	01	0	138	63	1	0	9	3	0	58	61	+ 4	+ 8	0.0	0.0	14.3	11
	Haripur	000	0	0	36	03	97	00	0	128	65	0	0	9	0	0	53	//	000	0	0	05	03	98	00	0	165	65	0	0	9	0	0	45	56	—	—	0.0	—	2.3	—
D. I. Khan	Bannu	000	0	1	13	01	99	01	1	075	85	0	0	9	0	5	63	87	000	0	3	27	01	99	02	1	131	67	0	0	9	0	4	56	65	—	—	0.0	—	4.5	11
	D. I. Khan	000	0	2	00	00	97	03	0	075	85	1	0	9	0	3	67	93	000	0	1	00	00	96	02	0	110	65	0	0	9	0	0	52	65	+ 8	+ 7	0.0	0.0	5.9	9
Quetta	Sibi	000	0	4	18	03	97	03	0	075	99	0	2	9	2	0	62	92	000	0	0	36	03	97	03	0	116	70	0	0	9	0	0	52	64	—	—	0.0	—	0.2	5
	Nokkundi	000	0	2	13	02	96	02	0	081	87	4	0	9	6	0	34	89	000	0	0	00	00	97	03	2	138	67	4	5	6	0	0	40	64	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	///	94	0	0	9	0	0	49	96	000	0	0	27	02	99	02	4	///	74	0	0	9	0	0	66	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	0	27	01	96	02	0	115	84	0	0	9	0	0	78	86	000	0	0	31	05	96	01	0	122	79	0	0	9	0	0	75	76	—	—	0.0	—	2.0	8
	Panjgur	000	0	0	25	16	97	02	0	115	84	0	0	0	0	0	57	90	000	0	0	03	04	97	02	0	123	71	0	0	0	0	0	68	43	+ 2	—	0.0	—	0.0	6
Karachi division	Ormara	...																																							6
	Lasbela	...																	000	0	4	00	00	98	00	0	121	71	0	0	8	0	0	60	62	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	0	27	07	96	02	0	101	81	0	0	9	0	8	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					8
	Karachi (Airport)	000	0	0	27	09	96	02	0	098	85	0	0	9	0	0	76	90	000	0	5	27	02	96	03	0	120	79	4	6	5	0	1	73	73	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	119	98	0	0	0	0	0	97	05	000	0	0	05	02	97	02	0	161	79	0	0	9	0	0	79	79		—	0.1		0.1	—
	Chhor	000	0	0	00	00	96	02	0	085	94	0	0	9	0	0	59	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	69	72						7
	Hyderabad	000	0	0	00	07	97	02	0	083	93	0	0	9	0	0	41	03	000	0	4	20	02	97	03	0	119	75	0	0	9	0	0	69	72	+ 10	+ 9	0.0	0.0	0.3	9
	Badin	000	0	0	23	12	97	02	0	095	97	0	0	9	0	0	67	98	000	0	0	23	03	97	02	0	129	75	0	0	9	0	0	72	72	+ 4	+ 9	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	0	27	02	97	02	0	086	95	0	0	9	0	0	56	//	000	0	3	13	06	97	03	0	///	74	0	0	9	0	5	64	65	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	084	97	0	0	9	0	0	59	99	000	0	4	13	02	96	03	0	116	71	0	0	9	0	2	66	65	—	—	0.0	—	1.0	4
	Sukkur	000	0	0	13	02	96	02	0	071	95	0	0	9	0	0	61	90	000	0	3	13	05	95	05	4	111	75	0	0	9	0	3	60	70	—	—	0.0	—	0.1	—
	Kashmore	000	0	0	00	00	98	02	0	078	97	0	0	9	0	0	74	96	000	0	0	00	00	98	02	0	119	80	0	0	9	0	0	59	63	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	02	09	97	02	0	078	95	0	0	9	0	0	62	96	000	0	3	03	02	97	03	0	110	73	0	0	9	0	1	58	69	—	+ 13	0.0	0.0	2.7	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							8
	Dras **	...																																							6
	Leh **	...																																							—
	Skardu *	...																																							5
	Misgar **	...																																							59
	Aliabad *	...																																							—
	Gilgit *	...																																							—
Rawalpindi	Murree *	...	000	0	2	27	02	98	01	1	505	59	0	0	9	8	0	43	62	000	0	2	36	03	98	01	1	525	56	0	0	9	8	0	34	50	+ 8	+ 6	0.0	0.0	40.1	10
Peshawar	Drosh *	...	000	0	6	05	10	96	01	2	510	67	4	4	7	7	0	34	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					29
	Chitral *	...	000	0	0	36	02	98	00	0	506	70	0	0	9	0	0	53	73	000	0	0	30	01	98	00	0	523	65	0	0	9	0	0	40	//	+ 3	—	0.0	0.0	14.3	—
	Kalam *	...	000	0	1	31	03	98	01	1	497	73	0	0	9	0	1	49	73	000	0	0	30	01	98	03	0	523	63	0	0	9	0	0	41	56	—	—	0.0	—	32.9	—
	Landikotal *	...	000	0	0	31	05	98	02	0	538	70	0	0	9	0	0	54	78	000	0	0	36	01	98	02	0	555	52	0	0	9	0	0	50	49	—	—	0.0	—	12.9	29
	Prachinar *	...	000	0	2	13	95	98	02	0	504	68	2	1	7	0	0	34	72	000	0	0	00	00	98	02	0	538	56	0	0	9	0	0	40	50	—	—	0.0	—	21.5	13
D.I. Khan	Miranshah *	...	000	0	0	00	00	99	00	0	519	85	0	0	9	0	0	47	80	000	0	0	05	01	99	00	0	524	63	0	0	9	0	0	56	56	+ 3	—	0.0	0.0	1.9	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	499	50	0	0	9	0	1	49	49	+ 6	—				11
Quetta	Fort Sandeman *	...	000	0	2	31	03	97	02	0	479	80	1	1	7	0	1	51	82	000	0	1	13	02	97	02	0	516	60	0	0	9	0	1	//	54	—	+ 9	0.0	0.0	6.5	—
	Hindubagh *	...	000	0	0	01	05	93	03	0	461	76	8	2	5	0	0	47	80	000	0	0	27	02	97	02	0	505	60	0	0	9	0	0	41	43	—	—	0.0	—	9.5	9
	Loralai *	...																																							—
	Barkhan *	...																																							14
	Harnai *	...	000	0	0	00	00	96	02	0	486	81	0	0	0	0	0	36	82	000	0	0	00	00	96	02	0	498	64	0	0	0	0	0	23	//	—	—	0.0	0.0	5.7	9
	Samungli (Quetta) *	...	000	0	1	31	07	96	01	0	515	72	0	0	9	0	1	29	75	000	0	0	00	00	96	02	0	539	44	0	0	9	0	0	27	42	—	—	0.0	0.0	3.1	8
	Chaman *	...	000	0	0	00	00	97	00	0	518	75	0	0	9	0	0	51	77	000	0	0	09	03	97	00	0	437	60	0	0	9	0	0	46	58	+ 4	+ 12	0.0	0.0	4.7	—
	Nushki *	...	000	0	0	00	06	97	02	0	568	80	0	0	9	0	0	40	86	000	0	0	07	05	97	02	0	566	69	0	0	9	0	0	34	64	—	—	0.0	—	2.7	4
	Dalbandin *	...	000	0	2	13	03	97	03	0	521	83	2	0	9	3	0	46	89	000	0	0	00	00	97	01	0	505	58	4	0	9	4	0	34	55	+ 6	+ 9	0.0	0.0	8.5	7
Kalat	Kalat *	...	000	0	0	18	03	96	02	0	492	65	0	0	9	0	0	45	69	000	0	5	16	03	96	03	0	516	47	0	0	9	0	4	29	40	+ 2	+ 6	0.0	0.0	2.2	—
	Khuzdar *	...																																							5
	Panjgur *	...																																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 2nd NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT_sDD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit														
Jiwani														
Karachi														
Multan	00 00	995 170 30	...	500 210 61	114 076 30	506 137 / /	745 251 / /	950 341 / /	231 395 / /	...	...	...	...	...
Peshawar	00 00	971 160 18	...	500 178 55	116 074 55	578 105 55	746 215 / /	952 369 / /	223 515 / /	409 539 / /	...	...	...	...
Quetta	00 00	823 116 22	...	...	124 008 / /	569 265 / /	725 553 / /	...	...	...	...	...	...	...
Sargodha	00 00	996 210 56	...	530 170 56	169 065 05	882 121 / /	749 231 / /	955 361 / /	227 525 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_sDD									Max. Wind Speed	TROPOPAUSE	
											$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_cT_sP_cT_sT_cT_{cs}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi													
Multan	00 00	900 119 50	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00												
Quetta	00 00	800 198 / /	600 131 / /	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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)										
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	3.4	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
Barisal	330 06	350 03	005 02	045 05	040 03	...	—	...	...	075 03	050 04	1.5 03	310 03	045 03	010 03	335 01	120 02	120 01	180 03	075 04	050 04	010 10	065 04	300 22	295 49	—
Bogra	030 12	025 12	025 06	055 06	050 08	...				120 04	120 08	120 08	010 13	065 08	060 06	055 06	080 05	080 09	100 15	080 12	135 07	080 03	315 15	360 14	...	...
Chaklala	...	255 09	240 04	050 02	315 06	270 07	285 10	260 23	270 28	...	360 04	300 05	320 04	325 09	300 12	...	120 03	065 02	280 07	275 02	255 05	280 06	315 11	320 18	...	...
Chhor	215 09	235 05	260 05	295 03	305 08	265 11	280 19	250 18	260 19																	
Chittagong	200 19	340 04	045 02	155 07	200 04	185 10	...	...	...	105 02	145 03	145 04	345 05	340 03	285 10	020 05	030 08	035 07	040 04	045 09	085 01	025 06	040 03	045 06	335 14	215 24
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	330 06	300 06	020 05	080 03	243 09	130 05	...	...	...	035 05	040 05	095 04	170 03	195 08	195 03	050 08	106 06	105 05	255 05	360 03	080 03	040 03	280 08	280 13	260 15	...
Dacca	355 05	355 05	320 04	050 01	025 04	340 09	015 04	360 06	...	035 0	...	...	...	...	...	110 01	100 19	180 17	095 06	051 17	055 07	...	...	...	...	...
Dalbandin	...	...	035 09	080 03	260 17	260 08	210 21	205 35	215 43	...	...	085 10	075 18	120 11	170 11	...	...	075 06	080 14	305 03	240 08	245 11	240 21	240 46	230 46	325 41
D. I. Khan	110 05	095 07	059 07	050 05	300 10	250 06	275 15	275 13	280 18	050 08	077 10	099 08	120 06	345 06	305 07	060 05	060 04	075 23	005 03	005 03	060 04	235 11	245 17	250 20	255 29	250 46
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Port Sandeman	...	...	...	260 07	265 10	255 19	280 20	265 13	260 33	...	...	...	050 03	310 07	300 13	...	...	...	225 03	215 04	275 05	290 07	280 15	255 18	245 13	230 40
Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	345 09	345 10	360 10	360 12	360 08	030 07	069 12	055 08	...	045 03	045 05	045 07	050 09	040 12	065 13	...	...	...	090 07	090 03	150 06	055 01	260 52	...	...	...
Jacobabad	295 05	330 04	330 03	315 04	280 04	305 07	226 51	260 17	265 04	200 11	210 09	220 07	230 05	250 05	290 08	120 04	125 02	125 06	125 05	140 06	155 06	145 06	190 10	215 18	235 26	235 26
Jessore	010 10	005 19	355 10	345 10	015 17	005 06	...	...	...	045 04	050 05	035 05	355 06	055 10	060 16	085 13	065 03	060 04	040 06	300 58	080 06	080 09	080 17	070 15	050 17	...
Jhelum	...	...	...	...	...	...	...	...	...	335 04	330 03	320 04	320 08	295 09	295 11	325 01	325 04	320 06	315 06	300 07	335 09	300 12	275 09	270 13	245 23	255 44
Jiwani	255 14	290 13	310 01	340 07	320 07	360 06	255 10	250 18	240 23	270 14	300 03	295 12	305 06	030 05	295 05	285 13	285 09	300 18	310 06	285 01	180 05	315 14	250 18	270 24	265 22	245 27
Karachi	260 14	300 12	300 11	320 03	255 01	270 04	265 18	275 08	255 11							275 06	295 06	300 06	215 03							
Khanpur	230 12	220 14	220 10	115 03	020 03	080 02	319 12	305 15	305 15	210 11	215 13	225 11	260 10	285 12	200 1	210 11	215 12	225 11	130 10	285 12	130 15	...	...	...	...	...
Khuzdar	...	...	...	240 04	265 18	260 05	235 02	265 14	...				290 04	330 02	210 06				340 01	210 02	285 02	230 06	245 11	230 11	225 16	215 33
Lahore	300 14	290 05	260 05	240 06	275 18	305 10	305 12	295 14	295 13	100 10	105 10	115 09	180 05	255 06	295 11	100 03	160 09	150 07	120 03	280 04	290 10	340 13	205 15	290 21	285 24	285 39
Multan	145 05	050 02	125 03	005 07	315 07	275 14	285 15	275 11	265 23							340 03	175 03	125 04	070 05	050 04	230 12	220 12	240 88	220 12	245 23	262 38
Nawab Shah	205 05	118 01	210 01	280 05	305 04	250 04	265 12	290 15	285 22	250 03	285 05	260 05	235 06	320 02	070 08	120 02	305 01	245 03	225 04	058 03	095 05	220 09	235 02	215 15	...	...
Nokkundi	...	...	165 05	135 07	175 09	115 16	105 22	...	...	...	...	...	145 05	145 05	095 05	...	...	...	075 03	145 08	265 03	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	150 12	160 20	185 25	020 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar	...	...	...	...	125 07	230 05	291 04	280 18	275 12	...	...	...	...	...	...	...	095 02	320 01	340 57	020 05	255 17	235 15	235 30	225 02	...	...
Quetta	...	...	...	...	260 04	280 06	220 12	300 16	305 20	...	...	...	...	...	...	...	...	...	...	105 04	245 07	270 10	...	...	...	...
Sargodha	105 04	155 04	174 05	235 06	250 06	260 14	275 15	270 21	280 28	...	...	...	...	...	...	...	...	...	...	290 06	280 06	245 13	275 14	...	...	...
Skardu	...	...	...	...	...	...	...	...	...																	
Sylhet	345 02	030 01	150 02	105 01	050 04	175 09	...	...	...	090 90	090 06	080 05	140 07	175 05	035 05	075 03	040 05	095 10	125 08	150 08	050 09	035 06	025 12	340 17	...	...
Veravai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi																		
Multan	280 08	280 05	280 03	260 03	285 02	305 06	207 07	250 14	220 22	...	...	...	...	...	...	...	...	...
Peshawar	...	230 06	145 09	310 09	315 03	320 07	280 13	260 17	250 17	...	...	...	...	...	...	...	...	...
Quetta																		
Sarg dha																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(height) - Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_0—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

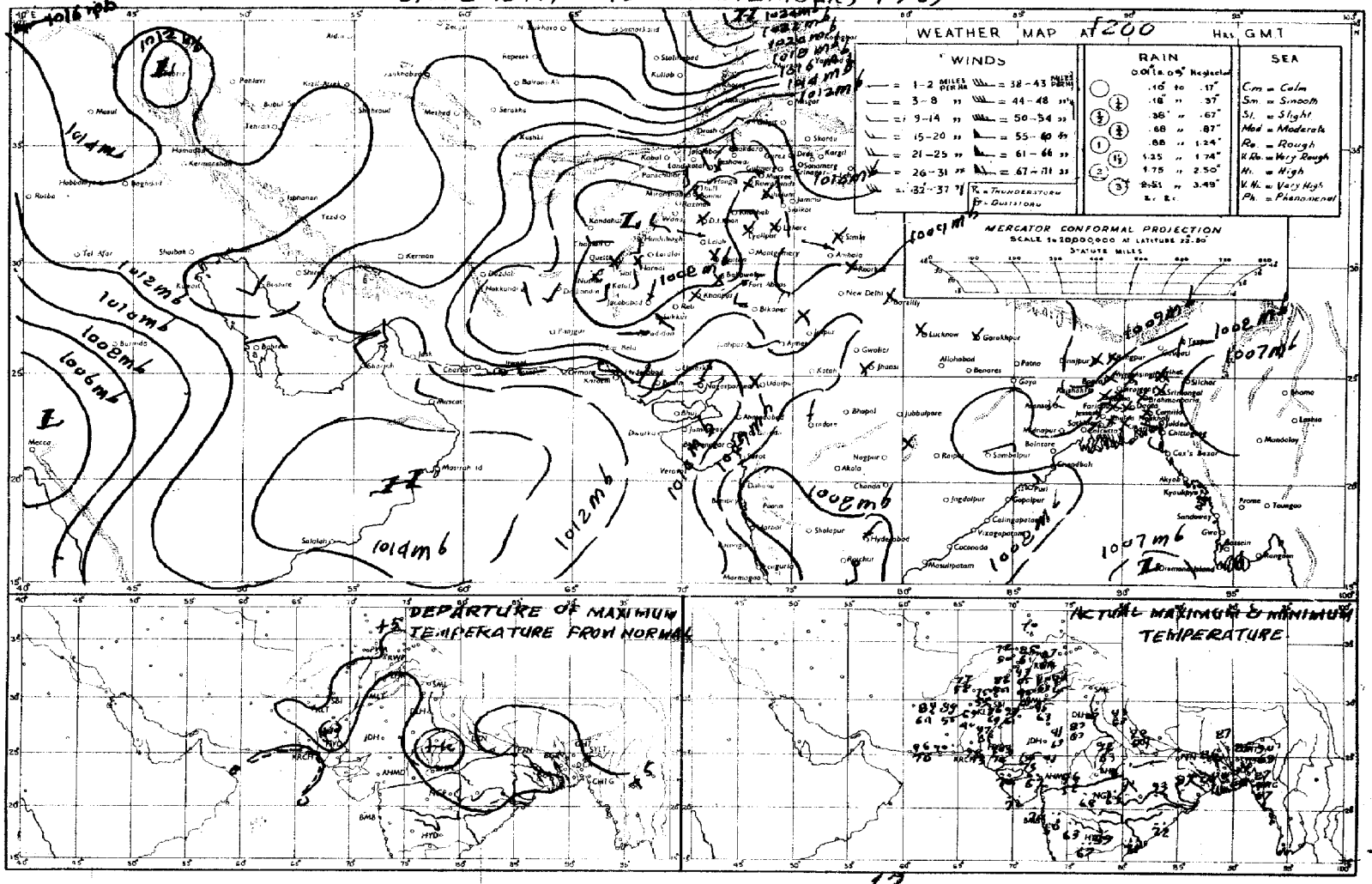
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

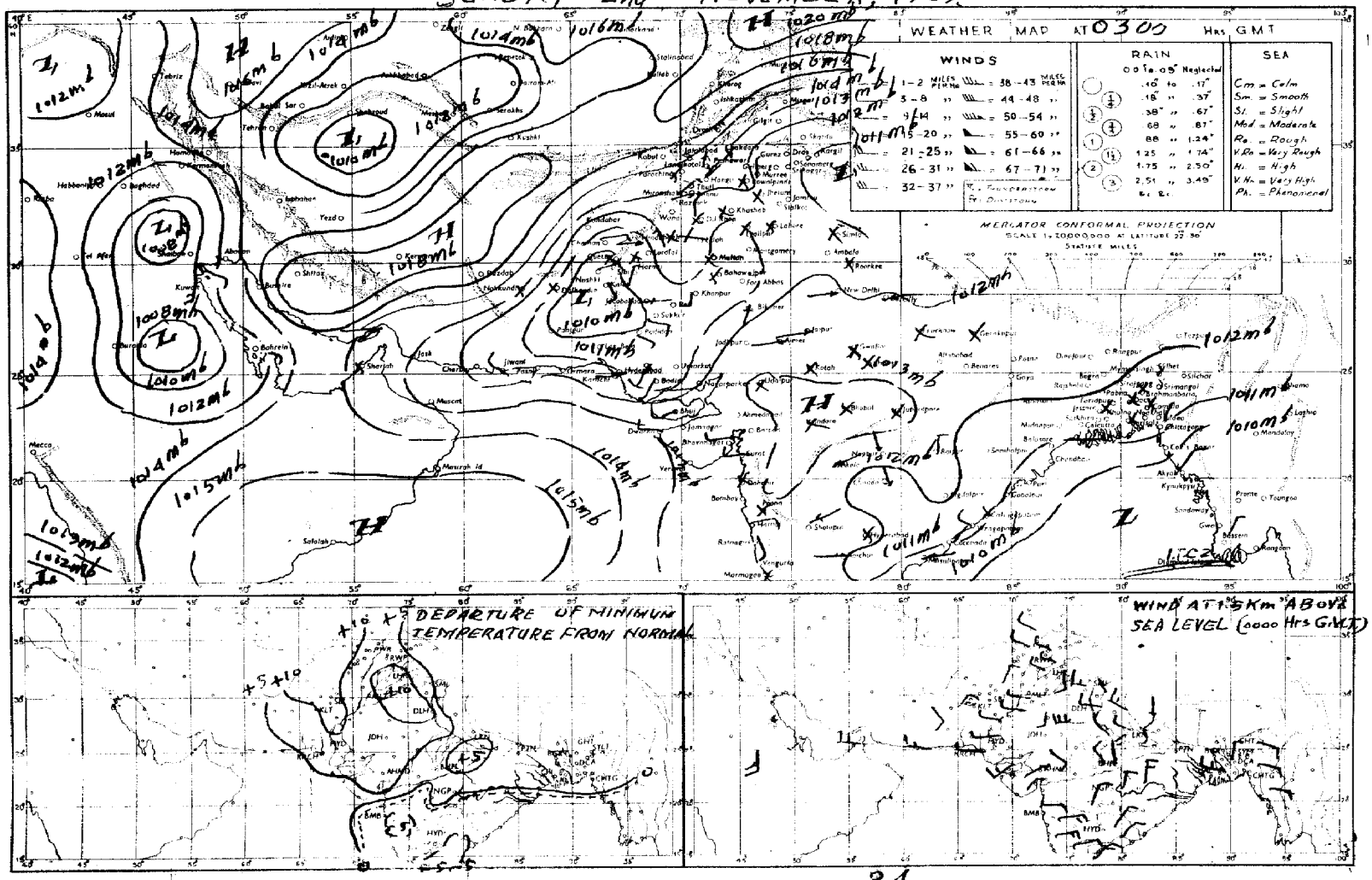
SATURDAY 1st NOVEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 2nd NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 3rd NOVEMBER 1969.

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

Yesterday's western disturbance over Afghanistan moved away east wards.

A fresh western disturbance lies over east Iran and adjoining areas.

A well marked low pressure area has moved into north Andaman Sea.

A few thunderstorms/light showers have occurred in Peshawar and Chittagong divisions. Other-wise dry weather prevailed over the country.

Night temperatures were 9 – 15 °F (5—8 °C) above normal in Sargodha, Bahawalpur, D. I. Khan and Khairpur divisions and 3 – 8 °F (2—4 °C) so in Chittagong, Rajshahi, Rawalpindi, Multan, Peshawar, Quetta, Kalat and Hyderabad division and were 3 – 5 °F (2—3 °C) below normal in Khulna and Lahore divisions.

Forecast valid until the evening of 4th November 1969 :— Scattered thunderstorm/showers are likely to occur in Quetta, D. I. Khan, Peshawar, Chittagong divisions and Kashmir. Weather will be mainly dry elsewhere in the country.

Karachi-11
The 3rd November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature° (TT)	Amount of Lowest Cloud † (Nh)	Low 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 † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	31	05	96	01	5	085	85		1	7	0	0	85	87	000	0	1	05	02	98	02	0	123	77	1	1	7	0	0	72	73	—	—	0.0	—	100.8	—
	Cox's Bazar	005	0	1	31	08	//	02	0	084	85	1	2	5	0	0	73	90	080	0	3	03	06	97	02	0	///	//	/	/	/	/	/	//	72	+ 4	+ 1	0.0	— 0.9	91.2	140
	Chittagong	000	0	0	00	00	//	01	0	087	82	8	0	9	0	0	78	90	000	0	3	00	00	96	02	0	121	77	0	0	9	0	0	49	69	+ 5	— 1	0.0	— 0.6	104.5	108
	Maidee Court	000	0	0	00	00	//	00	0	082	85	0	0	9	0	0	72	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	...	...	...	...	115
	Comilla	000	0	0	00	00	96	02	0	084	86	0	0	7	0	0	70	90	000	0	0	00	00	96	02	0	119	81	0	0	9	0	0	72	72	+ 5	+ 4	0.0	— 0.3	102.7	94
	Brahmanbaria	000	0	0	00	00	//	00	0	093	82	0	0	9	0	0	73	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	000	0	0	00	00	//	01	0	090	78	0	0	9	0	0	70	87	000	0	0	09	05	96	02	0	126	79	0	0	9	0	0	66	68	—	—	0.0	—	148.2	—
	Srimangal	...																																							98
Dacca	Mymansingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	129	80	0	0	9	0	0	72	69		+ 1	0.0	— 0.2	77.3	91
	Narayanganj	000	0	0	00	00	//	00	0	088	87	0	0	9	0	0	72	87	000	0	0	05	02	97	00	0	123	85	0	0	9	0	0	72	71	+ 2	+ 1	0.0	— 0.3	80.8	74
	Dacca (Tejgaon)	000	0	1	00	00	97	01	0	089	82	1	8	5	0	0	68	87	000	0	0	00	00	97	05	0	121	80	0	0	9	0	0	72	69	—	—	0.0	—	64.7	—
	Faridpur	000	0	0	00	00	93	00	0	087	82	0	0	9	0	0	67	87	000	0	1	00	00	97	...	...	123	82	0	0	9	0	0	66	68	+ 4	— 1	0.0	— 0.3	56.9	71
Khulna	Barisal	000	0	0	00	00	96	02	0	093	78	0	0	9	0	0	76	87	000	0	0	00	00	97	02	0	123	80	0	0	9	0	0	72	60	+ 3	— 2	0.0	— 0.4	64.2	81
	Khulna																																								68
	Satkhira	000	0	0	00	00	96	00	0	093	80	0	0	9	0	0	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					65
	Jessore	000	0	1	00	00	96	02	0	095	82	1	0	9	3	0	68	87	000	0	0	03	04	97	05	0	126	80	0	0	9	0	0	76	//	—	—	0.0	— 0.3	61.4	68
Rajshahi	Pabna	000	0	0	00	00	//	02	0	093	80	0	0	9	0	0	70	87	000	0	0	05	02	99	02	0	127	80	0	0	9	0	0	72	69	—	—	0.0	—	65.2	59
	Sirajganj	000	0	0	36	01	//	00	0	084	82	0	0	9	0	0	72	87	000	0	0	36	01	98	00	0	123	79	0	0	7	0	0	70	69	+ 4	+ 2	0.0	— 0.2	56.2	44
	Rajshahi	000	0	0	05	02	95	00	1	098	82	0	0	9	0	0	70	86	000	0	0	36	03	97	02	0	123	79	0	0	9	0	0	70	70	+ 2	+ 3	0.0	— 0.1	67.4	—
	Bogra	000	0	0	00	00	96	02	0	097	78	0	0	9	0	0	70	90	000	0	0	36	02	96	02	0	126	80	0	0	9	0	0	69	68	+ 6	+ 2	0.0	— 0.2	58.3	69
	Dinajpur	000	0	0	00	00	//	00	0	100	80	0	0	9	0	0	72	87	000	0	0	00	00	96	00	0	136	80	0	0	9	0	0	68	66	+ 3	+ 1	0.0	— 0.0	95.7	72
	Rangpur	000	0	0	00	00	96	01	0	094	78	0	0	9	0	0	72	90	000	0	0	09	02	96	01	0	139	79	0	0	9	0	0	70	64	+ 6	+ 1	0.0	— 0.1	96.0	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Sil Rd.)	000	0	0	00	00	96	02	0	104	86	8	0	9	0	1	64	91	000	0	1	00	00	94	02	0	126	69	0	0	9	0	0	60	64	+ 3	+ 13	0.0	0.0	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	92	00	0	104	//	0	0	9	0	0	56	49		— 5	0.0	0.0	11.5	32
Rawalpindi	Jhelum	000	1	5	00	00	97	03	1	103	85	1	1	7	0	5	58	91	000	0	1	00	00	96	03	0	129	68	0	0	9	0	1	58	60	—	—	0.0	—	31.2	—
	Islamabad																																								34
	Rawalpindi	000	0	6	00	00	98	00	2	111	78	0	0	1	0	4	60	85	000	0	0	00	00	96	01	0	141	60	0	0	9	0	0	56	56	+ 3	+ 8	0.0	0.0	33.4	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	8	00	00	96	03	1	//	87	8	0	9	6	2	72	91	000	0	0	00	00	98	02	0	158	69	0	0	9	0	0	58	64	+ 4	+ 10	0.0	0.0	7.8	15
	Sargodha	000	0	6	00	00	97	03	0	101	80	0	0	9	0	1	67	90	000	0	1	27	02	96	04	0	127	66	0	0	9	0	1	62	60	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	094	87	0	0	9	0	0	67	90	000	0	0	00	00	96	00	0	124	68	0	0	9	0	0	62	62	+ 4	+ 10	0.0	0.0	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	4	00	00	96	05	1	099	90	1	0	9	3	2	56	93	000	0	2	00	00	97	02	0	129	66	0	0	9	0	1	60	62	+ 3	+ 8	0.0	0.0	11.3	7
	Leiah	000	0	6	31	01	94	03	0	109	90	0	0	9	0	9	50	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
Bahawalpur	Khanpur	000	0	6	00	00	97	02	0	092	87	3	0	6	3	1	54	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		0				6
	Bahawalpur	000	0	0	00	00	96	00	0	097	90	0	0	9	0	0	70	96	000	0	0	00	00	96	00	0	123	75	0	0	9	0	0	60	65	+ 5	+ 15	0.0	0.0	1.1	6
	Fort Abbas	000	0	0	05	02	98	00	0	072	91	0	0	9	0	0	80	91	000	0	0	00	00	98	00	0	116	76	0	0	9	0	0	70	69	—	—	0.0	—	0.9	8
Peshawar	Chakdara	000	0	2	00	00	98	01	1	087	76	0	0	9	0	0	58	90	000	0	3	05	02	//	//	/	///	//	4	0	9	0	4	50	53	—	—	0.0	—	23.2	—
	Peshawar	000	0	6	00	00	97	03	1	115	77	1	0	9	6	3	68	85	000	0	1	15	02	96	09	0	154	64	1	0	9	3	0	56	60	+ 5	+ 7	0.0	0.0	14.3	11
	Haripur	000	0	0	23	03	98	00	0	129	80	0	0	9	0	0	58	80	000	0	0	05	03	97	00	0	155	64	0	0	9	0	0	56	58	—	—	0.0	—	23.0	—
D. I. Khan	Bannu																																								11
	D. I. Khan	000	0	7	05	02	97	02	2	098	85	5	0	9	1	4	63	90	000	0	1	00	00	96	01	1	131	69	1	0	9	3	0	60	64	—	+ 12	0.0	0.0	6.0	9
Quetta	Sibi	000	0	2	18	03	97	03	1	086	90	0	2	9	2	0	89	101	000	0	0	00	00	99	03	1	137	64	0	0	9	0	0	63	63	—	—	0.0	—	4.5	5
	Nokkundi	000	0	2	13	02	97	03	0	077	88	2	5	6	0	0	37	90	000	0	0	00	00	97	02	0	165	65	0	0	9	0	0	43	61	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	966	95	0	0	9	0	0	53	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	000	0	0	27	09	96	02	0	102	83	0	0	9	0	0	72	89	000	0	0	00	00	96	02	0	124	73	0	0	9	0	0	75	71	—	—	0.0	—	2.0	3
	Pasni	000	0	2	25	10	97	02	0	107	86	0	0	9	0	0	74	94	000	0	4	05	04	97	02	0	133	72	4	0	9	0	0	68	//	+ 6	—	0.0	—	0.0	6
Karachi division	Ormara	000	0	3	27	10	96	01	1	105	83	1	8	6	0	0	77	//	000	0	2	00	00	96	02	2	133	77	2	6	6	0	0	//	—	—	0.0	0.0	0.6	6
	Lasbela	///	0	2	13	03	98	00	0	079	95	0	0	8	0	0	72	99	000	0	3	00	00	98	00	0	127	71	0	0	9	0	0	68	63	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	5	27	15	96	03	0	099	81	2	6	4	0	0	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					8
	Karachi (Airport)	000	0	0	23	07	96	02	0	109	84	2	6	5	0	3	71	92	000	0	2	00	00	96	03	1	127	71	3	6	5	0	0	67	69	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	088	0	0	05	02	97	02	0	159	02	0	0	9	0	0	88	59	000	0	0	05	02	97	02	0	152	74	0	0	9	0	0	74	74	—	—	0.0	—	0.1	—
	Chhor	000	0	5	18	03	96	03	2	095	91	0	0	9	1	0	69	97	000	0	1	10	00	96	02	0	123	72	0	0	9	0	0	69	67	—	—	0.0	—	0.5	7
	Hyderabad	000	0	5	13	05	97	02	0	096	90	0	0	9	0	1	67	98	000	0	0	00	00	96	01	0	129	73	0	0	9	0	0	69	70	+ 5	+ 7	0.0	0.0	0.3	9
	Badin	000	0	0	23	03	97	02	0	101	94	0	0	9	0	0	69	95	000	0	0	23	04	97	02	0	117	74	0	0	9	0	0	71	72	+ 1	+ 9	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	3	18	02	97	02	0	091	95	0	0	9	0	0	55	97	000	0	0	13	03	97	02	0	119	72	0	0	9	0	0	64	//	—	—	0.0	—	0.8	—
	Nawabshah	000	0	3	18	03	96	01	1	096	95	0	0	9	0	5	55	99	000	0	0	00	00	//	02	0	125	71	0	0	9	0	0	66	66	—	—	0.0	—	1.0	4
	Sukkur	000	0	0	13	03	96	02	0	070	95	0	0	9	0	0	62	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Kashmore	000	0	0	05	02	98	02	0	093	96	0	0	9	0	0	57	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	0	18	03	97	01	0	087	94	0	0	9	0	0	64	77	000	0	0	00	00	97	02	0	123	71	0	0	9	0	0	65	70	+ 6	+ 14	0.0	0.0	2.7	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								—
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	5	29	03	98	02	1	541	//	0	0	9	0	0	43	67	000	0	0	27	02	98	00	1	525	54	0	0	9	0	0	39	50	+ 7	+ 6	0.0	— 0.3	40.1	18
Peshawar	Drosh *	000	0	7	13	02	96	02	1	521	68	6	8	7	3	0	43	76	000	0	0	00	00	98	02	0	547	52	0	0	9	0	0	40	52	+ 7	+ 6	0.0	—	15.0	29
	Chitral *	000	0	0	36	02	98	00	0	516	70	0	0	9	0	0	47	72	000	0	0	36	12	98	00	0	515	43	0	0	9	0	0	46	//	+ 2	/	0.0	— 0.0	14.4	—
	Kakul *	000	0	0	31	02	98	03	0	519	73	0	0	9	0	0	40	76	000	0	0	31	03	98	02	0	526	62	0	0	9	0	0	40	56	—	/	0.0	—	32.9	—
	Landikotal *	000	0	6	05	05	98	03	0	518	73	6	7	0	/	/	49	78	000	0	0	36	03	98	02	0	513	64	0	0	9	0	0	50	52	—	—	0.0	—	13.0	29
	Peshinar *	000	0	5	16	05	98	29	9	526	64	4	4	6	3	0	43	70	000	0	0	00	00	99	02	0	538	56	0	0	9	0	0	45	50	+ 1	+ 7	0.1	—	21.6	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	525	82	0	0	9	0	0	67	85	000	0	0	05	05	99	00	0	501	60	0	0	9	0	0	54	56	—	—	0.0	— 0.1	2.0	11
	Wana *	000	0	0	00	00	99	00	0	500	78	0	0	9	0	0	50	80	000	0	0	13	02	99	00	0	517	56	0	0	9	0	0	49	49	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	8	6	27	02	97	02	1	498	79	1	1	7	0	6	29	79	000	0	0	05	02	97	02	0	517	61	0	0	9	0	0	29	53	—	+ 8	0.0	0.0	6.5	—
	Hindubagh *	000	0	8	23	03	93	03	0	467	78	8	2	4	0	0	50	76	000	0	0	27	01	97	02	0	505	60	0	0	9	0	0	41	43	—	—	0.0	—	9.5	9
	Loralai *	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	02	98	00	0	315	//	0	0	9	0	0	40	48		—	0.0	—	9.0	—
	Barkhan *																																				—				14
	Harnai *	000	0	0	00	00	96	02	0	489	80	0	0	9	0	0	37	82	000	0	0	00	00	96	02	0	489	62	0	0	9	0	0	31	//	—	—	0.0	0.0	5.7	9
	Samungli (Quetta) *	000	0	5	05	07	96	03	1	511	69	5	3	7	2	0	33	72	000	0	0	00	00	96	02	0	536	57	0	0	9	0	0	34	53	—	—	—	—	—	8
	Chaman *	000	0	0	31	07	97	00	0	521	76	0	0	9	0	0	50	79	000	0	0	09	03	97	00	0	518	59	0	0	9	0	0	43	65	+ 6	+ 9	0.0	—	4.8	—
	Nushki *	000	0	0	27	03	97	02	0	560	83	0	0	9	0	0	43	83	000	0	0	09	05	97	02	0	564	68	0	0	9	0	0	35	64	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	2	23	02	97	03	0	519	85	2	0	9	2	0	43	88	000	0	0	00	00	97	02	0	517	60	0	0	9	0	0	32	55	+ 5	+ 9	0.0	0.0	0.5	7
Kalat	Kalat *	000	0	5	31	02	95	03	1	482	67	0	4	9	0	0	39	72	000	0	0	18	02	97	02	0	513	51	0	0	9	0	0	04	43	+ 5	+ 9	0.0	0.0	2.2	—
	Khuzdar *																																								8
	Panjgur *																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 3rd NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_{gtR}	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	d. $d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
British Judge	99 2 63	10 5 66	02 0 03	09 9 07	99 8 20	...	...	...						
Elysia	99 2 13	10 6 79	02 0 63	02 9 07	98 0 20	10 1 54	00 9 00	54 2 20			0 / / 24	13 0 50	30 5 02	31 7 03
Chakrata	99 2 48	10 6 46	02 0 63	32 6 10	98 0 20	14 5 28	21 4 04	63 1 08			05 2 23	12 8 99	30 5 02	..
British Judge	99 2 51	10 5 76	02 0 63	19 9 02	98 0 00	...	...	...			09 / 31	...	...	...
Elysia	99 2 00	10 6 68	02 1 23	03 2 07	98 0 20	12 3 28	00 9 00	54 6 12			0 / / 24	12 9 46	30 5 02	32 7 03
British Judge	99 2 44	10 5 83	02 1 23	03 0 06	99 0 20	...	...	..						
Dwarka	99 2 48	10 6 57	02 1 83	98 0 40	12 5 26	22 4 00	63 4 00	...			00 7 21	...	...	...
Musizloyd	99 2 57	10 5 82	02 1 23	02 7 09	98 0 10	11 8 29	00 9 00	...			0 / / 24	12 8 50	39 9 03	36 8 04
British Judge	93 2 61	10 5 50	01 1 83	12 7 07	98 0 20	...	...	...			...	...	30 1 01	27 / 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPo o ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 222 16	...	/// /// //	148 080 14	508 087 59	755 173 57	965 325 57	238 537 / /	...	...	...	...	...
Dacca ...	00 00	011 274 58	...	420 156 56	134 080 61	583 085 61	753 177 60	029 309 62	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	002 260 30		550 174 31	128 090 / /	582 071 / /	754 145 / /	966 291 / /	235 445 / /	...	...	...	...	...
Multan ...	00 00	997 170 40	...	450 210 57	063 010 / /	571 115 / /	739 195 / /	948 285 / /	...	...	...	...	...	...
Peshawar ...	00 00	972 160 35	...	550 190 43	029 050 40	576 111 / /	736 201 / /	950 351 / /	227 461 / /	...	...	...	...	...
Quetta ...	00 00	023 122 60	...		144 072 57	853 062 68	759 197 / /			...	...	...	...	...
Sargodha ...	00 00	998 220 57	...	500 165 56	186 050 20	583 125 / /	751 221 / /	956 351 / /	228 525 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 198 50	800 119 00	600 003 58	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 160 58	800 158 59	600 007 59	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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
Barisa ...	040 04	030 03	030 02	295 05	110 02	085 07	055 08	...	...	020 10	050 04	220 03	100 05	225 02	105 03
Bogra ...	030 02	005 02	005 04	100 07	050 04	215 04	250 08	...	...	005 08	350 05	075 05	310 02	215 07	375 11
Chakiala ...	...	255 04	250 01	170 02	195 03	235 10	260 15	270 19	...	...	050 05	280 05	305 05	300 03	295 05
Chhor ...	230 06	200 05	270 04	305 04	...	265 17	...	...	...	225 15	175 12	160 11	031 17	050 13	035 17
Chittagong ...	320 07	335 04	330 03	065 02	075 03	020 06	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	330 15	360 12	360 10	015 08	203 05	360 15	...	...	...	020 15	020 16	010 15	030 05	195 02	200 06
Dacca ...	050 08	045 04	040 05	020 05	360 03	...	...	...	...	015 04	025 02	160 03	140 04	280 04	180 05
Dalbandin ...	...	...	215 07	250 08	260 07	255 13	240 10	260 19	245 23	...	...	000 08	075 22	005 08	310 12
D. I. Khan ...	025 05	065 04	095 04	105 06	140 04	240 10	...	...	...	105 06	115 05	125 05	145 05	175 03	270 12
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	215 01	300 03	015 09
Port Sandeman ...	...	...	...	250 03	215 04	260 06	255 22	245 28	255 33	...	...	...	075 03	350 04	310 10
Gilgit ...	...	...	...	125 02	/// //	146 04	140 15	270 59	...	...	...	...	231 03	285 10	030 01
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 02	190 03	175 04	185 04	245 03	260 03	245 15	235 21	040 29	100 07	115 07	155 05	170 03	240 04	290 03
Jessore ...	205 05	025 03	050 03	205 03	045 03	050 03	...	...	...	025 03	020 07	035 03	035 09	110 01	195 04
Jhelum ...	135 02	270 03	290 06	310 10	315 02	285 05	270 20	275 17	270 22	310 04	290 07	300 06	320 19	310 10	290 13
Jiwani ...	245 22	260 15	245 07	210 03	285 02	315 07	295 09	280 15	275 16	295 10	290 10	270 09	260 03	155 04	095 06
Karachi ...	245 11	265 12	260 15	260 17	225 02	295 06	240 03	225 29	240 26	...	...	...	...	...	...
Khanpur ...	210 11	215 12	225 11	130 10	285 12	130 15	...	...	...	272 51	220 13	245 14	265 15	255 15	255 13
Khuzdar ...	...	...	...	235 03	220 54	205 05	225 89	245 12	245 17	...	...	...	340 03	015 04	010 07
Lahore ...	065 03	065 05	060 04	150 03	225 04	350 01	275 14	290 17	300 16	035 07	010 04	335 04	290 05	305 09	290 15
Multan ...	130 05	105 04	105 04	210 04	250 12	250 08	250 09	260 17	225 23	040 04	010 05	015 05	290 08	280 06	035 04
Nawab Shah ...	120 05	105 04	050 02	305 02	270 09	265 08	269 17	245 06	240 24	205 04	175 06	170 05	135 09	170 06	105 10
Nokkundi ...	...	...	165 04	180 04	220 04	230 03	255 05	275 07	280 08	...	...	110 04	180 00	205 05	215 09
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	130 03	350 01	320 04	035 01	210 01	235 01	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	155 10	170 03	235 14	170 04	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	290 05	310 03	225 14	240 21	240 29	...	...	...	220 02	090 01	...
Sargodha ...	065 04	070 04	065 04	140 02	195 02	245 12	270 24	265 39	265 53	...	...	...	...	...	...
Skardu ...	...	...	...	100 03	/// //	250 03	175 03	345 09	205 06	045 05	005 04	005 08	005 07	330 06	280 14
Sylhet ...	305 04	295 02	180 02	160 07	100 06	090 13	...	...	...	...	...	...	135 01	220 01	280 09
Veraval ...	...	...	...	...	...	...	...	...	...	070 10	070 8/	072 5/	120 04	195 06	330 04

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T.† of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	385 02	275 01	230 06	225 02	150 04	025 08	335 17	330 14	305 21	...	...
Bogra ...	020 05	060 02	060 03	110 07	105 04	255 14	280 15	295 24	305 24	...	...
Chakiala ...	...	315 04	315 03	335 04	340 04	325 06	230 05	245 05	285 12	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	360 06	345 07	345 07	275 05	235 03	110 03	045 08	025 17	015 17	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	005 08	015 11	015 15	015 19	030 13	195 03	135 12	070 17	045 15	...	...
Dacca ...	010 06	025 06	035 06	090 03	230 04	295 08	170 09	215 09	220 08	...	...
Dalbandin ...	...	...	080 07	100 11	105 06	125 03	300 13	290 16	305 08	...	...
D. I. Khan ...	150 33	315 03	345 03	275 02	290 04	295 06	275 12	255 13	255 15	...	...
Drosh ...	...	...	...	360 02	010 08	020 3/	150 01	210 07	230 08	...	...
Port Sandeman ...	...	...	...	245 05	235 03	285 06	255 15	265 17	265 10	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	110 12	110 15	075 15	075 05	110 07	160 09	/// //	010 10	010 13	...	...
Jessore ...	055 06	050 05	075 02	085 02	340 02	255 06	375 12	...	...	...	...
Jhelum ...	255 07	310 10	320 10	310 13	290 10	285 17	285 19	270 14	270 15	...	...
Jiwani ...	260 06	260 05	280 03	145 07	150 13	125 12	320 07	315 19	310 23	...	...
Karachi ...	090 06	270 06	335 03	300 01	035 03	060 / /	080 04	305 17	305 22	...	...
Khanpur ...	...	060 08	350 06	350 05	265 19	295 08	015 17	045 15	045 13	...	...
Khuzdar ...	330 04	335 07	330 07	305 01	340 04	025 07	230 10	300 / /	290 13	...	...
Lahore ...	040 08	045 08	040 07	330 05	330 07	295 11	270 09	230 14	...	...	...
Multan ...	036 04	345 08	040 07	036 04	345 08	315 12	290 09	290 09	190 06	...	...
Nawab Shah ...	165 07	100 07	135 08	100 04	035 05	020 11	330 13	350 14	340 22	...	...
Nokkundi ...	...	...	100 08	115 05	195 05	195 07	310 14	290 18	285 12	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	125 05	215 04	295 11	340 06	190 04	225 12	260 13	280 10	...	...
Parachinar ...	...	...	...	110 06	130 01	255 09	225 05	...	285 13	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	330 02	345 03	350 05	345 06	310 09	290 10	240 10	240 25	245 28	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	110 10	100 12	100 10	120 06	190 06	250 04	280 12	295 29	305 24	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	040 01	040 02	110 03	...	190 03	...	300 13	...	320 18	...	...							
Gilgit ...																		
Jiwani ...																		
Karachi ...	280 20	320 24	005 26	005 12	005 04	105 09	250 15	250 21	260 24	...	...	...	...	...	...	...	...	...
Multan ...	025 04	020 04	015 06	015 01	345 11	325 06	/// //	310 16	310 18	...	...	...	...	...	...	...	...	...
Peshawar ...	...	345 03	330 11	320 09	301 08	265 07	240 07	260 11	230 12	...	...	...	...	...	...	...	...	...
Quetta ...																		
Sarg dha ...																		

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

PPP—Pressure in hunderds tens and enies of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

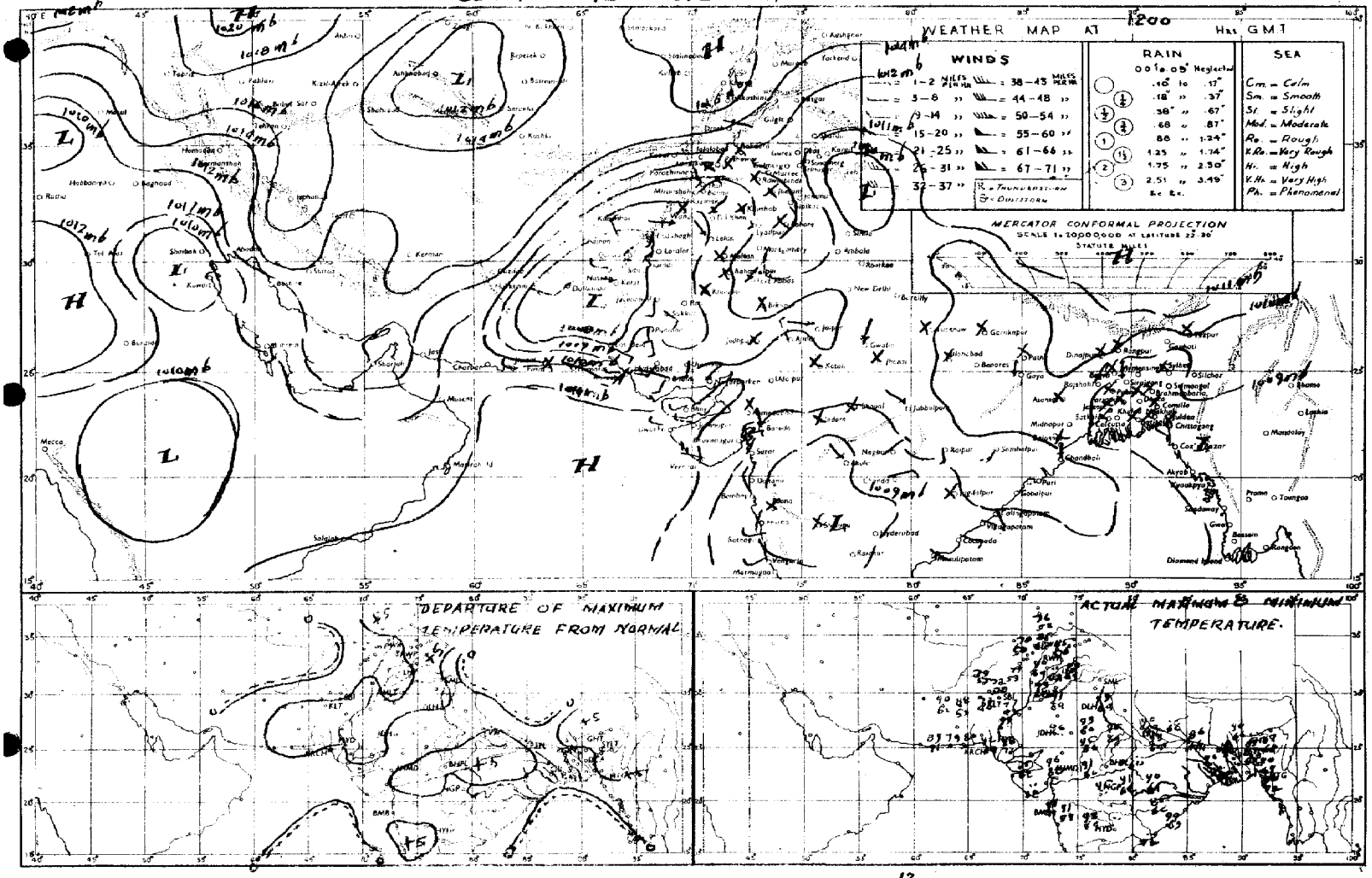
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

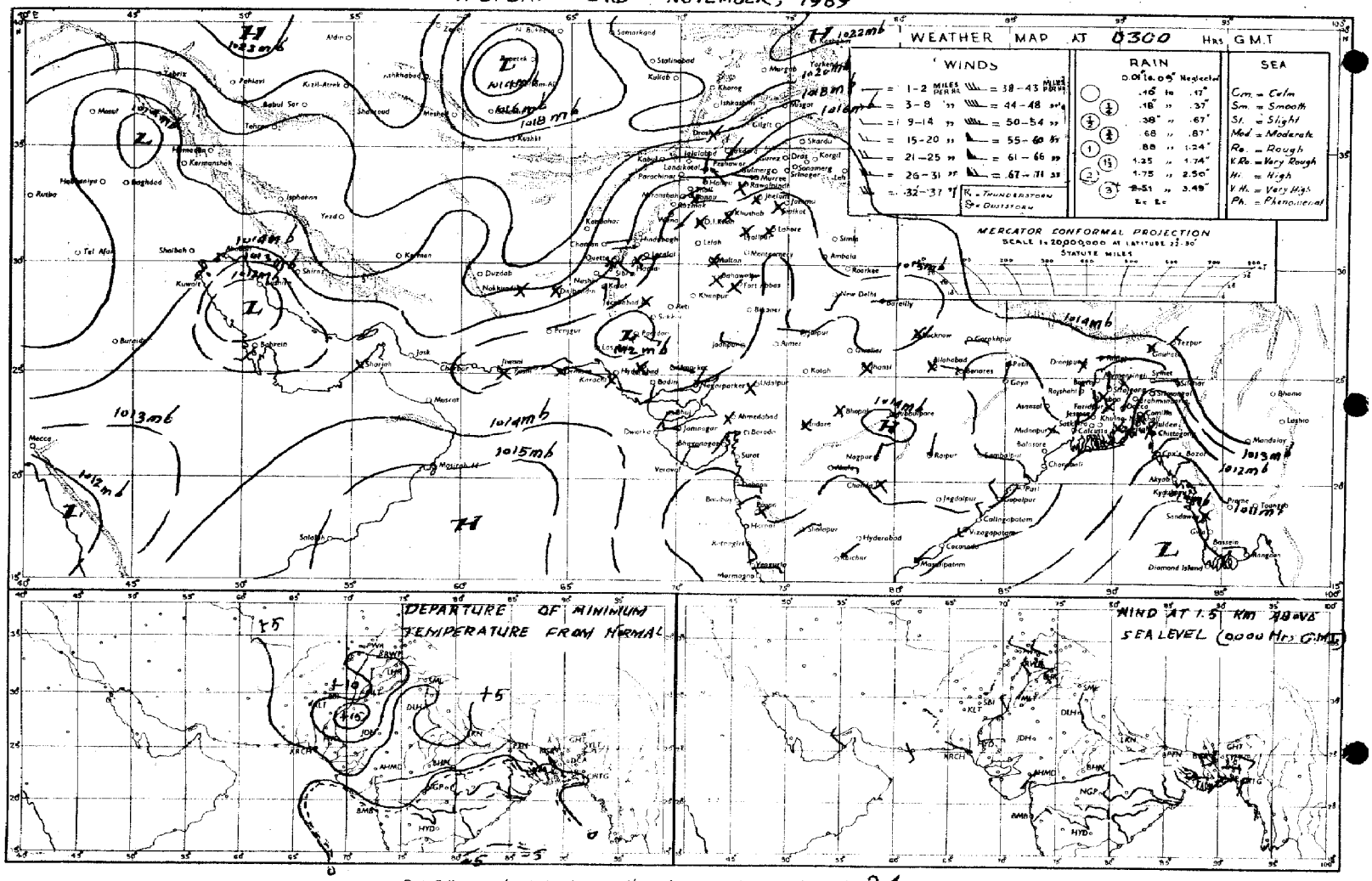
SUNDAY 2ND NOVEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 3RD NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 4th NOVEMBER 1969.

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

Observations lacking but belive yesterdays well marked low pressure area in north Andaman Sea has concentrated into a depression centred at 04,0300 G.M.T. within one degree of latitude 12 °N and longitude 93 °E. It is lacking intensify and move west-northwestwards. Yesterday's western disturbance over east Iran has moved slightly eastwards and is bording west Pakistan.

Dry weather prevailed over the country.

Night temperatures were 9 - 12 °F (5—7 °C) above normal in Lahore, Sargodha, Multan, Bahawalpur, D. I. Khan, Quetta and Khairpur divisions and 3—8 °F (2—4 °C) so in east Pakistan and in Rawalpindi, Peshawar, Kalat and Hyderabad divisions and were nearly normal in Karachi division.

Forecast valid until the evening of 5th November 1969 :— Local thundershowers are likely to occur in Peshawar division and Kashmir and scattered in Kalat, Quetta, D. I. Khan, Rawalpindi and Chittagong divisions. Weather will be dry elsewhere in the country.

Karachi-11
The 4th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	0	32	05	56	00	0	082	85	0	0	9	0	0	67	91	000	2	3	27	02	98	01	4	150	77	2	4	6	3	0	74	76	—	—	0.0	—	100.8	—
	Cox's Bazar	000	0	0	33	06	//	02	0	082	82	0	0	5	0	0	73	91	000	0	2	36	06	97	03	0	132	81	0	0	9	0	0	78	72	+ 5	+ 1	0.0	— 1.2	91.2	140
	Chittagong	000	0	0	31	02	//	02	0	088	85	0	0	9	0	0	72	90	000	0	4	05	04	96	03	0	139	75	0	0	9	0	2	72	//	+ 5	/	0.0	— 0.7	104.5	108
	Maidee Court	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	000	9	0	00	00	97	00	0	136	74	0	0	9	0	0	72	72	—	+ 3	0.0	— 0.7	128.2	115
	Cemilia	000	0	0	00	00	96	02	0	088	90	0	0	9	0	0	70	91	000	0	0	00	00	96	02	0	129	82	0	0	9	0	0	74	72	+ 6	+ 4	0.0	— 0.4	102.7	154
	Brahmanbaria	000	0	0	00	00	//	00	0	090	82	0	0	9	0	0	73	90	000	0	0	05	02	97	00	0	143	82	0	0	9	0	0	76	67	—	—	0.0	— 0.2	53.8	78
	Sylhet	000	0	0	00	00	//	02	0	086	82	0	0	9	0	0	72	91	000	0	0	09	05	97	02	0	141	79	0	0	9	0	0	67	79	—	—	0.0	—	48.2	—
	Srimangal	000	0	0	00	00	//	00	0	094	76	0	0	9	0	0	73	90	000	0	0	00	00	96	00	0	143	73	0	0	9	0	0	73	63	+ 2	0	0.0	— 0.5	83.2	98
Dacca	Mymensingh	000	0	4	00	00	//	//	/	095	82	0	0	9	0	0	68	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	/	0.0	—		91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	141	88	0	0	9	0	0	72	72	—	+ 2	0.0	— 0.4	80.8	74
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	091	80	0	0	9	0	0	67	87	000	0	0	09	02	96	02	0	141	82	0	0	9	0	0	74	67	—	—	0.0	—	64.6	—
	Faridpur	000	0	0	00	00	93	00	0	090	82	0	0	9	0	0	70	87	000	0	0	00	00	97	00	0	132	82	0	0	9	0	0	72	74	+ 4	+ 5	0.0	— 0.4	56.8	71
Khulna	Barisal	000	0	0	00	00	//	02	0	090	82	0	0	9	0	0	73	91	000	0	0	00	00	97	02	0	140	81	0	0	9	0	0	72	67	+ 7	— 2	0.0	— 0.6	64.2	81
	Khulna	000	0	0	00	00	97	00	0	111	86	0	0	9	0	0	70	91	000	0	0	00	00	97	00	0	143	84	0	0	9	0	0	72	72	+ 7	+ 4	0.0	— 0.4	73.2	68
	Satkhira	000	0	0	00	00	95	00	0	093	78	0	0	9	0	0	78	90	000	0	0	00	00	97	00	0	145	81	0	0	9	0	0	72	//	+ 3	/	0.0	— 0.2	61.6	65
	Jessore	000	0	0	00	00	97	01	0	091	80	0	0	9	0	0	70	90	000	3	0	00	00	97	05	4	141	72	0	0	9	0	8	72	67	—	—	0.0	— 0.4	61.4	66
Rajshahi	Pabna	000	0	0	00	00	//	02	0	088	80	0	0	9	0	0	68	91	000	0	0	00	00	96	02	0	145	82	0	0	9	0	0	72	72	—	—	0.0	—	65.2	59
	Sirajganj	000	0	0	00	00	//	00	0	096	80	0	0	9	0	0	68	87	000	0	0	00	00	99	00	0	134	81	0	0	9	0	0	72	72	+ 4	+ 5	0.0	— 0.2	56.7	64
	Rajshahi	000	0	0	00	00	95	02	0	098	80	0	0	9	0	0	70	96	000	0	0	00	00	98	02	0	150	79	0	0	9	0	0	72	76	+ 2	+ 1	0.0	— 0.1	67.4	—
	Bogra	000	0	0	00	00	//	02	0	092	80	0	0	9	0	0	70	90	000	0	0	00	00	96	02	0	145	81	0	0	9	0	0	72	72	+ 6	— 6	0.0	— 0.3	58.3	69
	Dinajpur	000	0	0	00	00	//	00	0	092	85	0	0	9	0	0	70	87	000	0	0	00	00	96	00	0	154	81	0	0	9	0	0	67	67	+ 3	+ 2	0.0	— 0.0	95.7	72
	Rangpur	000	0	0	00	00	96	01	0	092	79	0	0	9	0	0	72	88	000	0	0	07	02	96	01	0	141	77	0	0	9	0	0	72	67	+ 4	+ 2	0.0	— 0.1	86.0	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Intl Rd.)	000	0	0	00	00	95	06	0	093	85	0	0	9	0	0	60	90	000	0	2	00	00	95	05	0	143	65	0	0	9	0	1	59	63	+ 2	+ 12	0.0	0.0	18.0	18
	Sialkot	...																																							32
Rawalpindi	Jhelum	000	0	0	31	02	97	03	0	093	86	0	0	9	0	0	54	91	000	0	5	05	02	97	03	0	146	64	0	0	9	0	6	52	58	—	—	0.0	—	31.2	—
	Islamabad	...																																							—
	Rawalpindi	000	0	1	27	02	99	00	0	095	76	1	1	8	0	0	54	82	000	0	3	00	00	96	01	0	156	59	0	0	9	0	3	54	56	0	+ 8	0.0	0.0	33.4	36
	Campbellpur	...																																							—
Sargodha	Khushab	...																	000	0	0	00	00	97	06	0	136	67	0	0	9	0	3	54	63		+ 5	0.0	0.0	7.8	15
	Sargodha	000	0	0	00	00	97	02	0	092	82	0	0	9	0	0	63	91	000	0	7	03	00	95	04	1	135	67	0	0	9	0	1	61	61	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	091	87	0	0	9	0	0	63	91	000	0	4	00	00	96	02	0	144	64	0	0	9	0	0	59	61	+ 5	+ 9	0.0	0.0	7.7	12
Multan	Sahiwal	...																																							10
	Multan	000	0	0	00	00	96	05	0	090	87	0	0	9	0	0	59	93	000	0	4	00	00	96	04	0	139	72	1	0	9	4	2	58	64	+ 5	+ 10	0.0	0.0	11.3	7
	Leiah	...																	000	0	0	36	02	92	00	0	132	72	0	0	9	0	0	61	63		—	0.0		2.7	8
Bahawalpur	Khanpur	000	0	0	05	02	97	02	0	102	91	0	0	9	0	0	54	95	000	0	0	00	00	96	02	0	131	72	0	6	9	0	0	56	60	+ 4	+ 5	0.2	—	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	086	90	0	0	9	0	0	77	95	000	0	0	00	00	96	00	0	133	76	0	0	9	0	0	59	63	+ 4	+ 9	0.0	0.0	2.0	6
	Fort Abbas	000	0	0	05	02	98	00	0	072	93	0	0	9	0	0	84	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					0
Peshawar	Chakdara	000	0	0	36	07	98	00	0	079	76	0	0	9	0	0	58	77	000	0	6	05	00	97	02	2	158	56	0	0	9	0	8	52	54	—	—	0.0	—	23.2	—
	Peshawar	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	05	2	155	63	1	0	9	3	1	54	59		+ 6	0.0	0.0	14.3	11
	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	05	03	97	03	2	171	63	5	0	9	3	0	52	56		—	0.0	—	23.0	—
D. I. Khan	Bannu	...																																							—
	D. I. Khan	000	0	0	00	00	97	00	0	091	85	0	0	9	0	0	70	93	000	0	5	27	02	98	02	1	144	67	0	0	9	4	3	49	43	—	—	0.0	—	4.5	11
Quetta	Sibi	000	0	0	18	03	97	02	0	090	87	0	0	9	0	0	66	95	000	0	4	00	00	96	03	0	142	67	2	0	9	3	1	58	63	+ 8	+ 11	0.0	0.0	6.0	9
	Nokkundi	000	0	4	00	02	96	02	1	072	89	4	5	6	0	0	31	56	000	0	0	16	03	97	02	0	138	48	0	0	9	0	0	57	65	—	—	0.0	—	0.2	5
Kalat	Turbat	000	0	0	27	02	96	00	0	095	97	0	0	9	0	0	51	97	000	0	0	00	00	97	02	0	134	65	0	0	9	0	0	41	//	—	/	0.0	—	0.3	2
	Jiwani	000	0	0	27	09	96	02	0	106	84	0	0	9	0	0	75	86	000	0	0	3	29	96	00	0	010	72	0	0	9	0	0	67	//	—	—	0.0	—	0.2	—
	Pasni	000	0	0	25	08	97	02	0	109	84	0	0	9	0	0	77	86	000	0	2	00	00	96	03	0	138	71	2	6	5	0	0	48	69	—	—	0.0	—	2.0	5
																			000	0	5	23	02	97	04	7	140	73	0	0	0	0	0	70	//	— 2	/	0.0	0.0	0.0	4
Karachi division	Ormara	000	0	0	27	10	96	01	1	110	82	1	6	6	0	0	76	86	000	0	0	00	00	93	03	1	153	76	0	0	9	0	0	74	//	—	/	0.0	0.0	0.6	6
	Lasbela	...																																							8
	Karachi (Masnora)	000	0	0	27	05	96	02	0	105	81	0	0	9	0	0	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					8
	Karachi (Airport)	000	0	1	27	05	96	02	0	099	83	1	6	5	0	0	73	80	000	0	1	00	00	96	03	0	144	71	1	6	5	0	0	68	67	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	150	92	0	0	0	0	0	88	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	...																																							7
	Hyderabad	000	0	2	13	03	97	03	0	094	93	0	0	9	0	1	57	98	000	0	0	00	00	97	02	0	144	73	0	0	9	0	0	69	70	+ 5	+ 7	0.0	0.0	0.3	9
	Badin	000	0	0	23	04	97	02	1	093	95	0	0	9	0	0	64	96	000	0	0	23	00	97	02	0	134	65	0	0	9	0	0	69	70	+ 2	+ 7	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	0	18	03	97	02	0	091	94	0	0	9	0	0	51	97	000	0	0	00	00	97	02	0	133	72	0	0	9	0	0	62	62		/	0.0		0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	098	95	0	0	9	0	0	61	98	000	0	0	09	02	97	02	0	139	71	0	0	9	0	0	63	//	—	/	0.0	—	1.0	4
	Sukkur	000	0	0	13	03	96	02	0	098	95	0	0	9	0	0	62	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Kashmore	000	0	0	00	00	98	02	0	099	95	0	0	9	0	0	53	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	0	13	03	97	02	0	///	95	0	0	9	0	0	61	96	000	0	0	09	05	97	02	0	134	75	0	0	9	0	0	62	70	+ 5	+ 14	0.0	0.0	2.7	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Dras **	...																																							6
	Leh **	...																																							—
	Skardo *	...																																							—
	Minar **	...																																							5
	Altabad *	...																																							59
	Gilgit *	...																																							18
Rawalpindi	Murree *	000	0	0	31	02	98	00	0	509	63	0	0	9	0	0	43	67	000	0	5	27	02	97	02	1	534	56	0	0	9	0	5	38	50	+ 7	+ 6	0.0	— 0.0	40.1	29
Peshawar	Drosh *	...																	000	0	6	00	00	97	03	1	554	56	3	0	9	4	3	36	53		+ 6	0.0	—	15.0	—
	Chitral *	000	0	0	36	08	98	00	0	514	70	0	0	9	0	0	43	70	000	0	2	36	06	98	01	0	523	64	2	1	8	0	0	45	//	0	/	0.0	— 0.1	14.4	—
	Kohat *	000	0	0	31	02	98	00	0	503	61	0	0	9	0	0	43	67	000	0	6	36	02	98	03	4	526	61	0	0	9	0	3	45	56	—	—	0.0	—	33.0	—
	Landikotal *	000	0	0	31	05	98	02	0	240	70	0	0	9	0	0	40	79	000	0	6	36	02	98	03	0	572	59	6	7	6	/	/	50	49	—	—	0.0	—	13.0	29
	Peshawar *	000	0	3	16	03	99	02	0	512	64	2	1	7	3	0	38	72	000	0	5	00	00	98	03	0	542	56	2	0	9	3	3	43	50	+ 3	+ 7	0.1	—	21.6	13
D.I. Khan	Miranshah *	...																	000	0	0	05	01	99	00	0	486	63	0	0	9	0	0	47	58	—	—	0.0	— 0.0	2.0	11
	Wana *	000	0	0	00	00	99	00	0	501	77	0	0	9	0	0	47	78	000	0	0	00	00	99	00	0	479	58	0	0	9	0	0	43	48	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	3	23	03	97	03	0	493	78	3	1	7	0	0	//	79	000	0	2	05	02	97	01	0	526	59	0	0	9	2	0	34	55	+ 3	+ 10	0.0	0.0	4.5	—
	Hindubagh *	000	0	7	23	03	94	03	0	46	75	7	1	4	0	0	35	78	000	0	0	00	00	97	02	0	513	56	0	0	9	0	0	36	42	—	—	0.0	—	9.5	9
	Loralai *	...	—	—	...	—	...	...	...	..	...	...	...	...	...	...	...	...	000	0	0	27	02	98	00	0	352	58	0	0	9	0	0	35	40	—	—	0.0	—	0.6	—
	Barkhan *	...																																							14
	Harnai *	000	0	0	00	00	96	02	0	480	79	0	0	0	0	0	36	84	000	0	0	00	00	96	02	0	495	61	0	0	0	0	0	39	//	—	/	0.0	— 0.0	5.6	9
	Samungli (Quetta) *	000	0	2	00	00	97	03	0	511	73	0	0	9	0	0	39	75	000	0	0	27	05	96	02	0	537	57	0	0	9	0	0	30	53	—	—	0.0	—	—	8
	Chaman *	000	0	0	27	03	97	00	0	514	76	0	0	9	0	0	58	79	000	0	0	09	03	97	00	0	521	65	0	0	9	0	0	46	61	+ 6	+ 15	0.0	0.0	4.8	—
	Nushki *	000	0	0	27	03	97	02	0	558	81	0	0	9	0	0	42	84	000	0	0	09	05	97	02	0	568	71	0	0	9	0	0	40	66	—	—	0.0	—	2.6	6
	Dalbandin *	000	0	1	31	02	//	01	0	516	86	1	0	9	3	0	32	88	000	0	2	00	00	97	03	0	504	59	0	0	9	0	1	//	//	+ 5	/	0.0	0.0	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	00	0	503	66	0	0	9	0	0	40	74	000	0	0	16	03	96	00	2	518	53	0	0	9	0	0	39	42	+ 7	+ 8	0.0	0.0	2.2	—
	Khuzdar *	000	0	2	09	02	97	02	0	494	80	2	2	8	0	0	53	83	000	0	0	00	00	96	02	0	523	61	/	0	/	/	/	49	59	—	—	0.0	—	3.2	5
	Panjgur *	...																																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 4th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{Iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{w1}T$	3$P_wP_wH_wH_w$	d$_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Musilloydpgbu	99 2 22	10 6 12	03 0 03	02 2 09	98 8 20	12 0 27	00 9 00	34 6 05			0/ / 22	12 8 03	30 2 01	22 1 00
Mytilus	99 1 12	10 5 50	03 0 03	30 8 08	98 0 20	09 5 27	31 5 //	14 / / /			00 6 21	...	30 2 02	05 5 02
Musilloydpgbu	99 2 06	10 6 29	03 0 63	32 5 07	98 0 30	15 4 28	11 5 00	34 1 11			0/ / 22	12 8 60	30 2 01	35 1 02
Mytilus	99 1 30	10 5 56	03 0 63	10 4 10	98 0 20	12 5 29	00 9 00	14 4 //			01 / 22	—	31 0 10	...
British Judge	99 2 16	10 5 96	03 0 63	12 2 08	98 0 20	...	...	...			08 / /0	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTT, DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 210 16	...	490 130 57	113 036 50	578 099 57	746 215 56	/// /// / /	223 553 / /	...	...	...	...	...
Dacca ...	00 00	011 230 56	...	490 188 62	147 064 61	584 107 62	752 217 62	959 335 / /	231 539 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	010 210 15	...	500 178 49	162 080 22	681 095 //	766 161 / /	966 321 / /	245 265 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 160 45	...	440 174 50	118 010 47	572 101 / /	141 /// / /	...	...	...	...	...	...	...
Quetta ...	00 00	924 166 20	...		124 011 57	570 235 / /	732 361 / /	921 609 / /		...	...	...	...	...
Sargodha ...	00 00	997 230 40	...	530 194 58	186 050 10	583 131 / /	750 235 / /	955 351 / /	126 491 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 160 35	800 102 58	600 209 57	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 156 59	/// /// //	600 021 60	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...	00 00	...	800 114 21	600 113 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisa ...	275 06	285 04	010 01	275 03	250 05	195 05	265 07	325 03	320 00	040 05	080 13	210 03	150 06	120 02	150 01
Bogra ...	315 01	035 02	050 03	275 03	270 03	270 11	...	...	...	055 03	085 04	060 09	100 40	335 12	275 12
Chakisla ...	...	235 06	255 07	285 07	1-5 11	295 19	295 21	280 26	280 27	...	005 05	350 03	325 07	310 09	305 13
Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	340 06	350 07	020 05	250 04	140 04	060 07	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	345 13	335 07	360 10	345 07	310 05	125 06	...	...	...	020 11	020 07	360 05	090 02	080 04	070 09
Dacca ...	358 03	300 03	250 03	215 03	335 07	245 07	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	271 07	270 14	283 08	235 06	250 09	285 20	305 17			120 01	140 15	190 15	240 11
D. I. Khan ...	155 03	150 04	155 05	110 06	285 04	265 07	270 15	265 21	285 18	070 05	125 02	110 03	125 06	145 12	180 20
Drosh ...	...	...	...	195 03	230 03	200 03	190 03	145 03		...	...	...	120 02	065 04	045 07
Fort Sandeman ...	...	...	...	215 05	215 09	260 09	275 16	305 14	330 19	...	...	...	055 04	230 07	330 07
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 02	195 04	205 05	110 06	280 03	295 04	340 20	320 19	...	090 09	105 07	125 06	150 03	170 03	215 09
Jessore ...	340 07	340 05	340 05	345 03	225 04	250 05				035 03	040 02	050 02	195 02	185 06	235 09
Jhelum ...	280 08	280 13	260 14	300 12	305 09	315 12	275 15	260 17	275 12	320 06	310 10	305 11	330 05	310 06	275 04
Jiwani ...	235 07	195 07	195 .9	155 08	155 14	230 05	305 08	305 18	300 17	255 11	250 10	210 07	170 13	170 18	160 04
Karachi ...	240 15	226 01	245 07	215 05	130 04	010 09	015 07	355 19	349 19	...	...	...	...	...	...
Khanpur ...	300 05	305 06	300 08	280 07	285 09	270 12	245 14	..	075 01	2 0 10	240 07	260 12	280 14	285 15	250 15
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	295 03	280 04	295 02
Lahore ...	310 03	295 06	295 06	300 07	320 07	325 09	285 06	246 10	245 11	330 05	315 07	345 07	330 05	315 09	295 13
Multan ...	145 05	135 05	135 04	310 07	175 09	280 08	310 07	285 17	/// / /	165 07	220 09	225 10	250 10	290 11	290 13
Nawab Shah ...	165 03	140 03	155 03	065 03	335 07	350 11	255 14	330 15	325 18	210 10	195 08	160 08	115 08	040 07	015 07
Nokkundi ...	...		220 03	185 03	195 03	185 05	180 08	...	.	.	...	180 03	233 00	270 05	069 00
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	002 01	340 04	310 04	285 05	300 05	270 09	285 08	260 06	...	310 04	350 01	300 03	265 04	370 03
Parachinar ...	...	...	...	080 02	150 04	320 12	320 11		325 15	.	.	...	.05 03	115 04	...
Quetta ...	...	...	...	...	205 04	360 06	270 14	280 15	285 22	...	...	...	...	...	...
Sargodha ...	310 02	280 03	280 05	315 10	315 08	295 12	235 17	205 10	315 06	260 04	295 05	305 06	330 07	355 12	245 13
Skardu ...				360 01	/// //	040 02									
Sylhet ...	185 01	200 //	170 02	105 04	105 03	180 05	...	..	...	085 11	085 10	090 08	100 09	180 07	125 29
Veraval ...	...	...		...	...	.	...	...	...	..	..	...	...	.	

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	360 03	255 03	255 04	185 07	120 05	0-5 05	040 07	195 04	210 08	...	...
Bogra ...	058 03	085 05	060 07	125 04	235 12	270 12	305 12	260 14	305 12	...	...
Chakisla ...	...	235 01	350 02	315 09	285 05	265 07	118 09	...	...		...
Chhor ...	...	...	...	...	...	...	...	...	...	...	..
Chittagong ...	360 06	345 10	345 06	170 03	130 07	125 12	065 10	045 09	055 10	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	..
Cox's Bazar ...	010 12	010 12	010 10	050 04	145 10	070 08	150 12	155 18	110 18	...	..
Dacca ...	215 01	110 04	/// / /	105 02	170 08	115 02	260 04	325 08	310 06	...	
Dalbandin ...	...	...	195 03	220 45	223 02	230 18	205 21	..	145 29	.	...
D. I. Khan ...	135 04	143 04	160 04	175 06	135 07	170 03	270 08	230 18	255 13	...	..
Drosh ...	...	...	...	035 20	/// / /	060 03	100 01	120 07	060 05	...	..
Fort Sandeman ...	...	...		255 07	240 09	215 10	255 09	240 08	210 10	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	..
Jacobabad ...	165 11	205 11	205 21	205 24	195 23	205 18	175 13	170 04	240 07	...	..
Jessore ...	325 02	305 03	305 03	255 01	165 07	185 02	010 06	030 03	155 04	255 17	230 19
Jhelum ...	320 01	335 04	350 08	310 15	305 10	290 70	275 05	205 07	215 06	...	...
Jiwani ...	125 05	2.0 07	235 01	220 09	175 11	...	...	...	...	...	...
Karachi ...	250 08	220 07	125 05	085 07	090 09	055 11	150 03	335 14	025 22	...	...
Khanpur ...	230 09	240 03	245 27	255 29	255 29	265 26	240 20	200 12	125 10	...	...
Khuzdar ...	...	...	...	170 01	215 04	230 07	210 03	255 09	255 14	..	...
Lahore ...	320 04	300 05	295 05	310 08	295 10	290 17	255 07	280 09	280 13	...	...
Multan ...	165 10	191 59	175 23	155 18	185 15	235 22	220 17	215 11		...	
Nawab Shah ...	265 00	180 07	145 08	120 09	065 09	340 07	300 11	275 19	295 22	...	...
Nokkundi ...	...		075 22	115 11	330 15	100 14	190 41	200 24	230 15	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 04	030 03	240 01	265 01	260 01	280 10	265 13	255 13	...	..
Parachinar ...	...	...	...	165 04	155 01	340 04	150 03		250 11	...	.
Quetta ...	.				180 12	225 10	225 15	258 22	250 23	...	...
Sargodha ...	220 03	260 03	270 01	290 02	270 09	280 14	310 10	295 12	240 13	...	...
Skardu ...										...	..
Sylhet ...	090 10	070 01	/// / /	100 10	185 06	130 12	113 55	...	145 06	...	...
Veraval ...								...		...	...

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	055 03	065 04	155 06	..	160 06	...	330 07	..	345 12	..	...							
Gilgit ...																		
Jiwani ...																		
Karachi ...	175 10	220 06	110 06	110 06	065 07	360 10	300 25	300 25	290 28	...	...	...	—	...	...	...	—	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundards tens and units of millibars.

DD—Daw point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

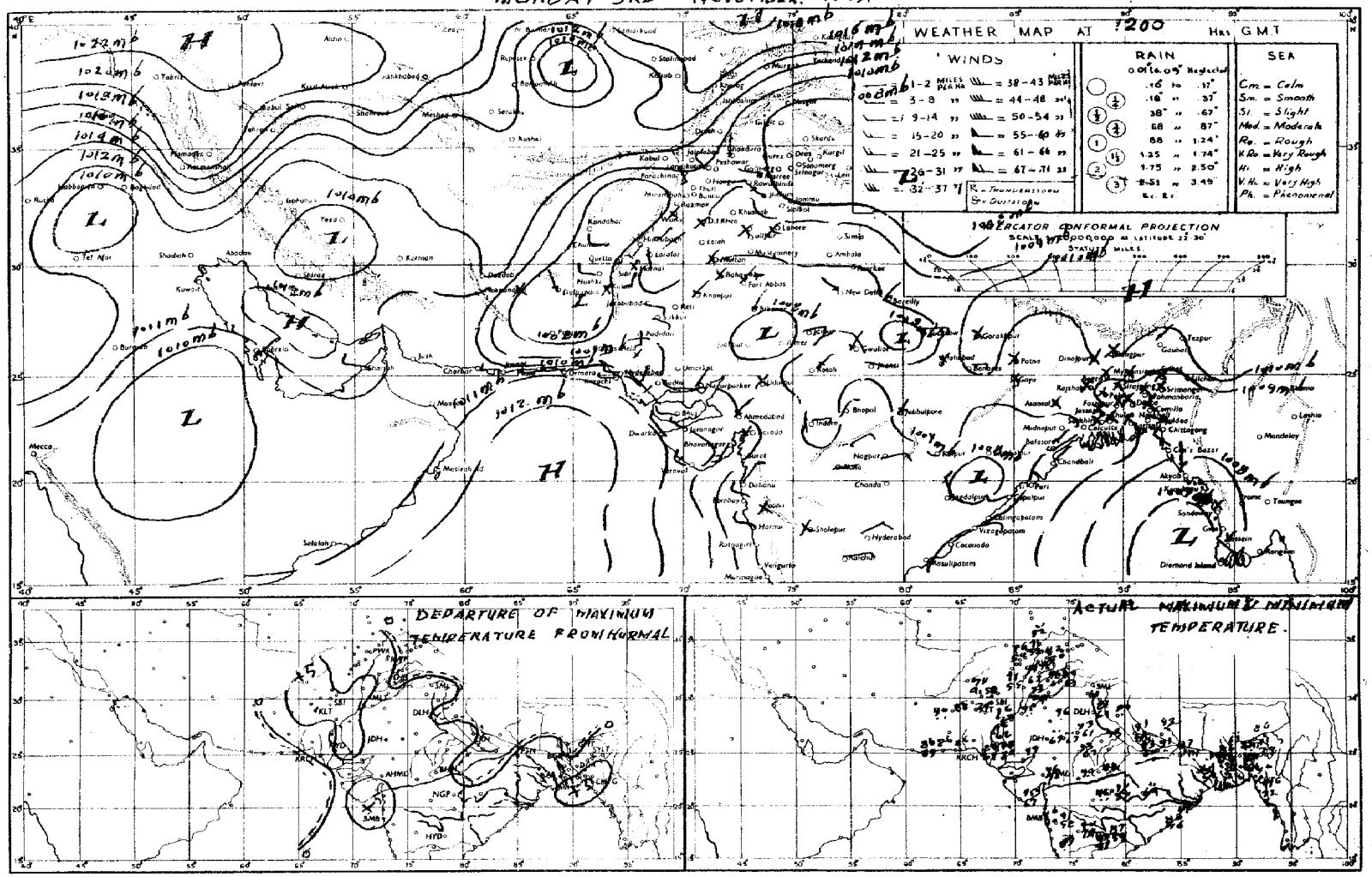
† The actual time of observations may vary within half an hour of the specified time.

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

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

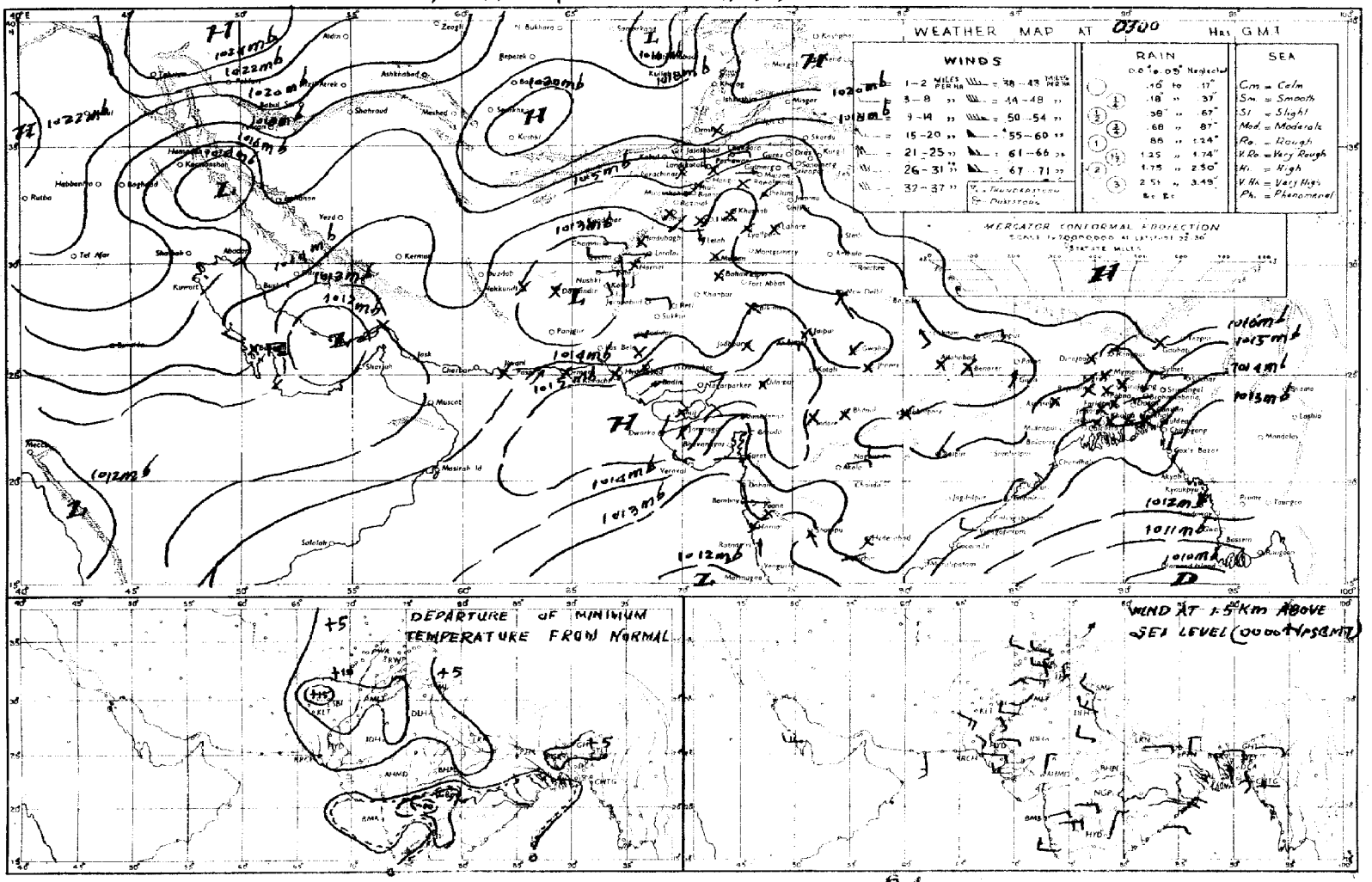
PAKISTAN DAILY WEATHER MAP

MONDAY 3RD NOVEMBER 1969.



PAKISTAN DAILY WEATHER MAP

TUESDAY 4TH NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 5th NOVEMBER 1969.

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

Observations absent but belive yesterday mornings depression remained practically stationary centred at 04,1200 G.M.T. wtthin one degree of latitude 12 °N and longitude 93 °E. Observations again lacking but belive it moved westnorthwestwards and is centred at 05,0300 G.M.T. with in half a degree of latitude 12½ °N and longitude 91 °E. It is likely to intensify further and move in a northwesterly direction. Yesterdays western disturbance is now moving across of west Pakistan. Scattered rain/thundershowers have occurred in Peshawar division.

Weather remained dry elsewhere in the country.

Night temperatures were 9 – 14 °F (5—8 °C) above normal in Lahore, Rawalpindi, Sargodha, Multan, D. I. Khan, Quetta and Khairpur divisions, were 3 – 8 °F (2—4 °C) so in Chittagong, Khulna, Bahawalpur, Peshawar, Kalat and Hyderabad divisions and were nearly normal elsewhere in the country.

Forecast valid until the evening of 6th November 1969 :— Thunderstorm/showers are likely to occur in Peshawar, D. I. Khan divisions and Kashmir and scattered in Chittagong, Kalat, Quetta, Sargodha and Lahore division. Weather is likely to remain dry elsewhere in the country.

Karachi-11
The 5th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † We (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	1	31	02	96	01	0	099	85	1	3	7	0	0	67	90
	Cox's Bazar ...	000	0	5	35	11	//	02	0	103	82	0	0	9	0	5	67	86
	Chittagong ...	000	0	5	31	02	//	02	2	106	80	1	4	5	0	1	70	90
	Maijdee Court ...	000	0	0	00	00	98	00	0	056	85	0	0	9	0	0	82	87
	Comilla ...	000	0	0	00	00	96	02	0	104	90	0	0	9	0	0	67	91
	Brahmanbaria ...	000	0	0	00	00	//	00	0	107	82	0	0	9	0	0	73	87
	Sylhet ...	000	0	0	00	00	//	02	0	094	78	0	0	9	0	0	67	87
	Srimangal ...	000	0	0	00	00	//	00	0	108	77	0	0	9	0	0	72	90
Dacca	Mymensingh ...	000	0	0	00	00	//	00	0	125	85	0	0	9	0	0	70	87
	Narayanganj ...	000	0	0	00	00	//	00	0	101	87	0	0	9	0	0	72	90
	Dacca (Tezgaon) ...	000	0	0	00	00	97	01	0	105	80	0	0	9	0	0	57	90
	Faridpur ...	000	0	0	00	00	93	00	0	103	82	0	0	9	0	7	64	82
Khulna	Barisal ...	000	0	2	00	00	//	03	2	105	80	0	0	9	0	0	73	86
	Khulna ...	000	0	0	00	00	97	00	0	110	85	0	0	9	0	0	80	93
	Satkhira ...	000	0	0	00	00	95	00	0	107	80	0	0	9	0	0	80	90
	Jessore ...	000	0	1	33	04	96	02	0	105	82	1	0	9	3	0	68	87
Rajshahi	Pabna ...	000	0	0	00	00	//	02	0	106	82	0	0	9	0	0	67	90
	Sirajganj ...	000	0	0	00	00	//	00	0	120	80	0	0	9	0	0	70	90
	Rajshahi ...	000	0	0	00	00	95	02	0	116	80	0	0	9	0	0	68	87
	Bogra ...	000	0	0	00	08	//	02	0	110	78	0	0	9	0	0	70	90
	Dinajpur ...	000	0	0	00	00	//	00	0	102	82	0	0	9	0	0	68	87
	Rangpur ...	000	0	0	00	00	96	01	0	091	78	0	0	9	0	8	72	90
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	3	00	00	95	04	1	117	86	1	0	9	3	0	60	90
	Sialkot ...	000	0	0	00	00	99	00	0	130	77	0	0	9	0	0	//	91
Rawalpindi	Jhelum ...	000	0	2	00	00	97	01	1	116	82	1	0	9	3	0	6	90
	Islamabad ...																	
	Rawalpindi ...	000	0	6	00	00	99	02	2	115	73	0	0	9	0	6	70	86
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	06	0	117	87	0	0	9	0	0	70	91
	Sargodha ...	000	0	2	00	00	97	03	1	115	82	0	0	9	0	1	67	91
	Lyallpur ...	000	0	0	00	00	96	00	0	108	87	0	0	9	0	0	64	91
Multan	Sahiwal ...																	
	Multan ...	000	0	4	00	00	96	05	0	109	90	2	0	9	3	1	58	93
	Leiah ...	000	0	0	36	00	94	00	0	093	90	0	0	9	0	0	54	90
Bahawalpur	Khanpur ...	000	0	2	00	00	97	02	0	110	87	0	0	9	0	2	59	96
	Bahawalpur ...	000	0	0	00	00	96	00	0	107	90	0	0	9	0	0	72	55
	Fort Abbas ...	///	0	0	05	02	98	00	0	112	96	0	0	9	0	0	83	96
Peshawar	Chakdra ...																	
	Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur ...	000	0	0	18	02	97	00	0	132	78	0	0	9	0	0	54	82
D. I. Khan	Bannu ...	000	0	6	02	01	98	03	0	115	80	2	2	7	6	0	63	87
	D. I. Khan ...	000	0	3	00	00	97	02	1	108	86	0	0	9	0	2	68	91
Quetta	Sibi ...	000	0	6	13	01	91	03	0	103	95	4	2	9	4	2	64	99
	Nokkundi ...	000	0	6	31	05	96	03	0	064	88	3	3	9	5	0	//	//
Kalat	Turbat ...	000	0	0	27	02	96	00	0	966	95	0	0	9	0	0	53	98
	Jiwani ...	000	0	2	18	09	96	02	0	119	83	2	6	5	0	0	77	85
	Pasni ...	000	0	0	25	//	97	02	0	126	82	0	0	0	0	0	72	84
Karachi division	Ormara ...	000	0	0	27	10	96	02	0	122	82	0	0	9	0	0	73	84
	Lasbela ...																	
	Karachi (Manora) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport) ...	000	0	0	27	07	96	01	0	113	85	0	0	9	0	0	71	89
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	02	0	150	92	0	0	0	0	0	88	59
	Chhor ...	080	0	0	00	00	96	02	0	051	93	0	0	9	0	0	55	97
	Hyderabad ...	000	0	0	13	03	97	02	0	///	//	0	0	9	0	0	11	58
	Badin ...	000	0	0	23	03	97	02	0	114	97	0	0	9	0	0	67	58
Khairpur	Padidan ...	000	0	1	13	03	97	03	0	107	92	0	0	9	0	1	49	95
	Nawabshah ...	800	0	2	18	05	96	03	0	115	92	0	0	9	0	0	56	98
	Sukkur ...	000	0	0	23	02	96	02	0	100	95	0	0	9	0	0	64	99
	Kashmore ...																	
	Jacobabad ...	000	0	0	18	05	97	03	0	104	92	0	0	9	0	1	66	95
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	5	00	00	98	02	1	522	60	0	0	9	8	0	40	63
Peshawar	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat * ...	000	0	3	36	06	98	01	2	533	70	3	1	8	0	0	49	76
	Kakul * ...	000	0	0	18	05	97	03	/	527	70	5	4	5	0	2	54	73
	Landikotal * ...	000	0	6	31	05	98	03	6	600	73	6	7	6	/	/	50	78
	Parachinar * ...	000	0	6	13	03	98	03	1	524	67	5	9	6	3	0	36	72
D. I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	523	70	0	0	9	0	0	58	76
	Wana * ...	000	0	0	00	00	99	00	0	501	78	0	0	9	0	0	49	78
Quetta	Fort Sandeman * ...	000	0	4	23	07	97	03	0	459	77	2	1	7	3	0	//	79
	Hindubagh * ...	000	0	8	20	03	98	30	3	465	76	8	2	5	0	0	45	77
	Loralai * ...	000	0	8	18	02	98	01	0	352	80	0	1	8	0	8	45	82
	Barkhan * ...																	
	Harnai * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samungli (Quetta) * ...	000	0	/	//	//	96	03	0	523	79	6	5	7	0	0	35	74
	Chaman * ...	000	0	7	23	07	96	01	0	501	78	7	0	8	0	0	58	80
	Nushki * ...	000	0	6	00	00	91	02	0	560	80	0	0	9	0	0	43	84
	Dalbandin * ...	000	0	6	18	10	96	03	0	431	84	6	6	7	0	0	39	40
Kalat	Kalat * ...	000	0	/	20	03	95	02	1	493	67	0	4	9	0	0	39	74
	Khuzdar * ...	000	0	4	00	00	97	03	0	506	79	4	5	6	0	0	56	81
	Panjgur * ...																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † We (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	6	31	02	98	02	1	150	77	4	7	5	7	0	70	75	—	—	0.0	—	100.8	—
	Cox's Bazar	000	0	7	09	06	96	03	2	136	77	1	3	5	3	0	73	71	0	0	0.0	— 1.4	91.[illegible]	140
	Chittagong	000	0	7	05	02	96	02	2	140	77	2	5	5	3	0	[illegible]4	69	+ 5	— 1	0.0	— 0.9	[illegible]4.5	108
	Maijdee Court	000	9	8	00	00	96	03	2	136	80	2	5	5	2	1	70	69	+ 3	0	0.0	— 0.7	18.[illegible]	[illegible]5
	Comilla	000	0	0	18	05	96	02	0	129	76	0	0	9	0	0	54	71	+ 6	+ 3	0.0	— 0.5	10.7	14
	Brahmanbaria	000	0	5	05	02	97	03	1	145	77	0	0	9	0	0	69	69	—	0	0.	— 0.4	53.8	78
	Sylhet	000	0	3	09	05	97	03	0	149	77	0	0	9	0	4	68	62	—	—	0.0	—	148.	—
	Srimangal	000	0	0	00	00	96	00	0	147	73	0	0	9	0	0	68	60	+ 2	— 3	0.0	— 0.6	83.0	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	149	80	0	0	9	0	0	68	69	+ 3	— 1	0.0	— 0.4	77.3	91
	Narayanganj	000	0	4	31	02	97	02	1	142	80	2	6	4	8	0	69	71	+ 5	+ 1	0.0	— 0.5	82.8	74
	Dacca (Tezgaon)	000	0	5	00	00	96	03	2	145	79	3	0	9	3	1	66	68	—	—	0.0	—	64.6	—
	Faridpur	000	0	2	05	02	97	01	0	135	82	2	0	9	0	8	75	70	— 1	[illegible] 1	0.0	— 0.5	55.8	71
Khulna	Barisal	000	0	6	05	02	97	02	2	143	77	4	8	4	0	7	//	69	+ 2	0	0.0	— 0.6	64.[illegible]	81
	Khulna	000	0	0	00	00	97	00	0	136	82	0	2	4	0	0	72	71	+ 9	+ 3	0.0	— 0.4	73.2	68
	Satkhira	000	0	2	05	02	97	01	0	142	79	2	0	0	1	0	70	68	+ 3	+ 2	0.0	— 0.3	6[illegible].6	65
	Jessore	000	8	5	02	05	97	02	2	145	79	0	8	9	0	5	70	68	—	—	0.0	— 0.5	61.4	65
Rajshahi	Pabna	000	0	0	31	02	99	02	0	146	82	0	0	9	0	0	69	71	—	—	0.0	—	65.2	59
	Sirajganj	000	0	0	00	00	98	00	0	150	80	0	0	9	0	0	72	68	+ 7	+ 1	0.0	— 0.3	56.2	64
	Rajshahi	000	0	0	05	03	96	02	0	144	77	0	0	9	0	0	69	69	+ 3	+ 2	0.0	— 0.2	67.4	—
	Bogra	000	0	2	00	00	96	02	0	150	79	0	0	9	0	0	72	66	+ 6	0	0.0	— 0.4	58.3	69
	Dinajpur	000	0	0	36	02	96	00	0	157	79	0	0	9	0	0	62	66	+ 3	+ 1	0.0	— 0.0	55.7	72
	Rangpur	000	0	0	09	05	96	01	0	142	77	0	0	9	0	0	69	66	+ 6	+ 1	0.0	— 0.2	86.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	94	01	1	164	66	2	5	6	2	1	60	62	+ 2	+ 11	0.0	0.0	8.0	19
	Sialkot	000	0	0	00	00	//	00	0	166	68	0	0	9	0	0	64	52	+ 5	— 2	0.0	—	11.5	32
Rawalpindi	Jhelum	000	7	7	00	00	94	01	1	167	64	4	0	9	7	1	58	60	—	—	0.0	—	31.2	—
	Islamabad																							
	Rawalpindi	000	0	7	00	00	97	02	2	173	60	3	0	9	4	5	56	58	+ 4	+ 10	0.0	0.0	33.4	36
	Campbellpur																							—
Sargodha	Khushab	000	0	5	00	00	97	06	0	162	69	0	0	9	0	5	58	64	+ 4	+ 10	0.0	0.0	7.8	15
	Sargodha	000	0	6	09	03	96	04	1	160	66	0	0	9	0	2	60	62	—	—	0.0	—	20.6	—
	Lyallpur	000	0	4	00	00	96	02	0	153	66	4	0	9	4	0	62	63	+ 5	+ 11	0.0	0.0	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	5	00	00	97	02	1	152	72	0	0	9	0	4	54	66	+ 5	+ 12	0.0	0.0	11.3	7
	Leiah	000	0	0	36	00	93	00	0	127	69	0	0	9	0	0	64	63	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur	000	0	1	00	00	96	01	0	155	80	0	0	9	0	0	56	59	+ 5	+ 4	0.0	0.0	1.1	4
	Bahawalpur	000	0	0	00	00	96	00	0	123	76	0	0	9	0	0	58	62	+ 4	+ 8	0.0	0.0	2.0	6
	Fort Abbas		..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra																							—
	Peshawar	000	0	[illegible]	00	00	96	04	2	172	66	1	5	6	3	1	58	62		+ 9	0.0	0.0	14.3	11
	Haripur	000	4	5	05	03	97	03	2	185	66	5	0	9	4	0	52	56	—	—	0.0	—	23.0	—
D. I. Khan	Bannu	...	...		...	...	...	...		...	...	...	...			...		...	—					11
	D. I. Khan	000	0	7	00	00	96	03	1	161	69	7	0	9	7	0	59	64	+ 6	+ 12	0.0	0.0	6.0	4
Quetta	Sibi	000	0	6	18	03	97	03	2	154	69	4	2	9	4	2	56	66	—	—	—	—	0.2	5
	Nokkundi	000	0	7	00	00	97	02	2	156	70	7	5	6	0	0	42	67	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	0[illegible]	96	[illegible]	0	010	74	0	0	9	0	0	57	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	[illegible]	00	00	96	2	0	154	72	0	0	9	0	0	70	69	—	—	0.0	—	2.0	8
	Pasni	000	0	1	29	04	97	.	0	148	69	0	0	0	0	0	67	//	— 4	/	0.0	0.0	0.0	6
Karachi division	Ormara	000	0	0	00	00	96	03	3	160	75	1	6	6	0	0	72	//	—	/	0.0	0.0	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	0	00	00	6	02	0	158	77	0	0	9	0	0	71	75	—	+ 5	0.0	— 0.0	1.1	8
	Karachi (Airport)	000	0	1	00	00	2	42	4	160	69	1	6	5	0	0	67	68	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	7	02	0	071	78	0	0	9	0	0	65	78	—	—	0.1	—	0.1	—
	Chhor	000	0	0	23	02	6	02	0	110	9[illegible]	0	0	9	0	0	53	96	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	00	00	56	:	0	157	71	0	0	9	0	0	65	67	+ 5	+ 4	0.0	0.0	0.3	9
	Badin	000	0	0	23	2	6	0	0	129	72	0	0	9	0	0	71	69	+ 4	+ 6	0.0	0.0	0.0	—
Khairpur	Padidan	000	0	0		00	76	0	0	15[illegible]	2	0	0	9	0	0	62	//	—	/	0.0	—	0.8	—
	Nawabshah	000	0	0	2[illegible]	02	57	02	0	157	70	0	0	9	0	0	62	63	—	—	0.0	—	1.0	4
	Sukkur	000	0	.	13	03	95	5	4	153	75	0	0	9	0	8	62	70	—		0.0	—	0.1	—
	Kashmore																							
	Jacobabad	000	0	0	09	02	97	02	0	150	73	0	0	9	0	0	48	69	+ 4	+ 13	0.0	0.0	2.7	4
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							76
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	7	31	03	97	02	1	545	54	5	5	4	5	0	31	49	+ 4	+ 5	0.0	— 0.1	40.1	18
Peshawar	Drosh *	000	0	8	00	00	97	02	2	561	56	2	1	7	2	7	40	54	—	+ 8	0.0	—	15.0	29
	Cherat *	000	0	3	00	00	98	01	2	544	60	3	1	8	0	0	54	//	+ 6	/	0.0	— 0.1	14.4	—
	Kakul *	000	0	5	31	02	98	03	2	522	60	0	0	9	3	0	45	58	—	—	0.0	—	32.8	—
	Landikotal *	000	0	8	36	02	98	03	9	576	64	8	7	6	/	/	52	46	—	—	0.0	—	13.0	29
	Parachinar *	014	1	8	05	02	97	17	9	553	54	5	9	6	2	/	46	52	+ 3	+ 9	0.2	—	2.7	13
D. I. Khan	Miranshah *	000	0	6	05	05	97	02	0	497	64	6	0	9	0	0	51	58	—	—	0.0	— 0.0	2.8	11
	Wana *	000	0	6	34	02	//	//	2	463	68	3	2	7	6	0	40	//	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	8	00	00	97	03	0	536	61	0	0	9	6	2	41	53	+ 3	+ 8	0.0	0.0	6.5	—
	Hindubagh *	000	0	6	00	00	95	03	0	534	57	6	1	5	0	0	44	46	—	—	0.0	—	9.5	9
	Loralai *	000	0	8	27	02	98	00	0	355	61	1	1	8	0	8	45	48	—	—	0.0	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	561	61	0	0	0	0	0	56	//		/	0.0	— 0.0	5.6	9
	Samungli (Quetta) *	000	0	4	23	07	96	03	1	542	61	2	0	9	3	2	45	57	—	—	—	—	—	8
	Chaman *	000	0	0	13	03	96	00	0	534	61	0	0	9	0	0	46	60	+ 7	+ 14	0.0	0.0	4.7	—
	Nushki *	000	0	0	00	00	97	02	0	582	67	0	0	9	0	0	33	62	—	—	0.0	—	2.6	4
	Dalbandin *	0[illegible]	0	6	05	05	96	03	1	533	65	6	0	9	3	0	39	58	+ 6	—	0.0	0.0	0.5	7
Kalat	Kalat *	000	0	2	16	02	96	03	0	532	51	0	0	9	8	4	37	43	+ 7	+ 9	0.0	0.0	2.2	—
	Khuzdar *	000	0	7	00	00	96	03	0	522	62	2	1	8	0	0	46	59	—	—	0.0	—	3.2	5
	Panjgur *																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 5th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$ d	$d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
British Judge	99 1 77	10 5 76	94 0 03	02 2 04	98 8 20	...	.	...			08 / 26	...	...	...
British Judge	99 1 90	10 5 82	03 1 83	02 1 10	98 0 20						08 / 26	...	...	...
Musilloyd	99 1 55	10 6 88	95 0 63	23 6 10	98 0 30	13 6 29	25 4 00	34 8 04			0/ / 22	12 9 20	30 2 01	...
British Judge	99 1 64	10 5 68	04 0 63	12 0 06	98 0 20	11 / 28	.	...			...	...	...	...
British Judge	99 1 52	10 5 62	04 1 23	09 0 0!	58 0 20	...	...	...			04 / 27	...	...	...
Musilloyd	99 1 41	10 7 03	84 1 23	33 6 10	98 0 20	09 6 28	22 4 60	34 5 14			06 / 24	12 9 48	30 2 01	—
British Judge	99 2 03	10 5 90	03 1 23	02 0 12	98 0 20	...					05 / 27	—	...	...
Dawari	99 2 47	10 6 14	03 1 83	09 9 09	98 0 01	12 0 27	00 9 00	53 1 06			00 7 20	..	30 3 02	30 4 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 228 25	...	/// /// / /	157 066 60	585 063 61	757 171 61	660 037 59	242 529 / /	...	...	...	...	...
Dacca ...	00 00	011 230 33	...	485 172 57	163 064 59	583 093 59	751 224 59	957 333 58	231 531 / /	...	...	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	107 274 37	...	500 221 64	176 110 74	567 092 / /	776 167 / /	968 307 / /	243 531 / /	...	...	...	...	...
Multan ...	00 00	990 224 63		560 062 10	065 104 30	574 /// / /	753 205 / /	962 285 / /	247 371 / /	...	...	...	...	—
Peshawar ...	00 00	974 172 35	...	500 162 50	132 080 00	082 080 / /	751 201 / /	960 311 / /	036 50/ / /	...	...	...	...	...
Quetta ...			...											
Sargodha ...	00 00	997 250 55	...	520 214 56	206 060 56	585 126 / /	752 231 / /	957 361 / /	227 521 / /	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 218 56	800 146 98	600 110 59	.	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 192 58	830 124 50	600 000 58	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00												
Multan ...	00 00												
Peshawar ...	00 00												
Quetta ...													
Sargodha ...	80 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date (dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	325 04	360 05	360 06	300 08	115 07	110 14	025 06	...	025 08	030 13	045 09	070 08	140 04	140 06	155 07	005 06	055 05	135 04	155 06	135 08	...		...		...	...
Bogra ...	070 03	050 02	095 03	270 06	235 06	270 03	...	...	—	120 06	065 04	095 11	080 12	150 04	180 04	065 10	095 10	095 10	120 12	120 12	110 08	215 06	.	235 07	...	...
Chaklala ...	...	295 07	255 04	260 03	270 07	235 03	245 05	...	...	...	080 05	295 03	350 06	305 05	285 07	...	305 04	260 50	315 06	280 04	250 06	...	...	...	...	...
Chhor ...	245 03	245 05	230 05	140 05	145 02	015 66	295 10	300 16	305 17	255 13	255 10	180 10	120 18	105 22	015 / /	315 07	260 02	190 04	175 09	160 14	105 11	285 05	275 12	275 15	...	...
Chittagong ...	345 11	350 09	005 06	110 11	125 06	150 13	...	...	..	...	...	...	...	.	...	005 04	005 05	350 04	320 02	320 01	148 02	075 06	070 05	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...
Cox's Bazar ...	350 15	350 15	360 15	015 11	275 13	085 06	...	...	...	...	...	...	...	...	...	110 03	090 03	085 06	115 09	120 14	...	...	...	...	...	...
Dacca ...	250 03	040 04	040 04	160 02	160 02	155 06	...	...	..	025 06	030 07	065 10	...	170 04	..	040 07	070 09	075 12	085 08	100 02	170 03	145 07	180 08	195 06	...	...
Dalbandin ...	...	...	135 19	215 17	200 06	150 04	120 04	...	...	...	...	120 01	140 15	190 15	240 11	...	...	161 03	070 15	210 04	240 19	230 25	240 34	245 41	...	..
D. I. Khan ...	...	...	...	...	...	...	...	...	...	130 07	130 57	145 05	170 05	250 08	300 10	055 07	060 06	090 06	105 10	130 09	205 11	...	...	...	.	...
Drosh ...	...	...	...	135 03	220 03	215 04	...	...	...	...	.	...	105 01	030 01	210 01	Drizzl	ing	...							...	..
Fort Sandeman ...	..	.	...	225 06	200 12	205 09	265 17	270 29	265 19	...	...	...	260 03	315 10	230 08	...	...	.	255 70	195 09	230 13	190 09	215 10	210 14	...	...
Gilgit ...	..	...	...	...	...	...	...		.	...	...	...	...	...	...	..	...	.	..	.	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...		...	.	...	...		...		...	...						...	...	...
Jacobabad ...	195 06	190 06	/// / /	195 08	205 04	255 04	271 04	280 25	285 30	091 09	105 07	125 06	150 03	170 03	215 04	170 14	225 20	200 21	200 22	185 03	170 20	140 09	125 08	271 51	...	...
Jessore ...	360 08	360 07	015 08	335 02	145 03	120 04		...	...	030 16	030 10	030 10	070 07	210 13	125 03	025 07	070 07	180 01	100 08	145 05	180 10	140 06	290 08	260 10	...	...
Jhelum ...	210 06	280 06	290 09	305 09	310 18	201 2/	290 17	270 23	260 33	360 03	305 05	320 08	350 9/	265 06	290 14	005 01	290 04	285 04	290 07	270 08	275 13	200 04	245 16	240 21	...	...
Jiwani ...	210 10	240 91	/// / /	185 09	200 08	285 05	235 17	230 15	245 21	205 04	300 03	015 05	020 09	040 09	330 08	205 03	040 04	040 06	045 11	030 12	060 07	230 17	250 28	235 40	...	...
Karachi ...	255 17	240 12	240 04	060 04	055 14	080 17	290 02	330 08	295 07							260 08	200 11	200 14	285 27	150 32	220 02	235 05	235 13	245 17	...	...
Khanpur ...	285 06	270 06	270 04	250 05	230 07	220 10	205 20	185 25	220 27	260 06	265 08	/// / /	275 12	290 17	310 07	...	...	...			...				...	...
Khuzdar ...										...	...		...						130 04	215 03	255 04	220 10	245 14	260 16	255 21	250 32
Lahore ...	280 04	300 03	305 04	330 04	330 07	315 15	305 17	280 07	260 05	075 03	325 02	310 03	290 03	285 04	285 12	235 01	240 03	255 03	260 04	265 06	300 15	325 10	300 37	275 11	...	...
Multan ...	...	...	...	...	...	...	...	...	...	215 01	205 13	235 13	235 15	265 06	130 02	210 15	225 00	220 27	215 35	230 32	240 33	185 13	165 15	200 15	...	.
Nawab Shah ...	170 07	160 06	135 06	110 06	020 05	335 05	295 15	295 19	310 14	205 13	205 15	170 15	140 18	110 15	040 08	215 07	100 12	175 13	145 18	135 11	265 04	255 09	275 08	285 09	—	...
Nokkundi ...	..		165 12	125 07	065 06	030 03	345 04	/./ / /	360 04	.	...	180 03	233 00	270 05	090 00	...	...	165 05	180 08	200 10	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...						...							...	...	...	...
Peshawar ...	...	040 04	060 03	165 06	190 05	325 05	245 10	250 15	255 19	...	285 03	310 11	240 03	145 02	295 0/	.	034 08	330 15	340 05	335 02	185 11	220 18	...	...	...	...
Parachinar ...	..	...	...	125 03	150 08		240 13	.	-	..		...	170 02	075 03	...	...	..	...	195 07	070 03			...	...	...	...
Quetta ...		...			200 10	255 15								180 17	180 10	...	...		..	190 08	230 10	245 28	.	...	...	.
Sargodha ...	030 01	165 01	165 01	205 04	235 07	260 12	290 09	290 15	295 19	105 04	100 04	030 05	305 08	275 05	295 07	230 01	175 06	175 05	180 06	235 09	260 12	250 00	.	...	...	...
Skardu ...	...			155 01	/// / /	185 05	110 03	...	...										240 01	/// / /	-	110 05	..	...	...	—
Sylhet ...	105 05	105 07	100 05	040 01	195 05	240 05	..	...	...	085 13	090 20	090 15	080 08	120 43	190 06	090 15	100 20	070 16	090 20	070 10	050 05	...	...	...	...	...
Veraval ...	...	...		...	...			...	...	.	...		...	.	.	...	...	...	...	...	.	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi .	285 13	225 11	160 07	120 05	300 03	300 03	305 02	855 07	255 12	...	...	...	...	...	...	...	...	...
Multan ...	195 25	195 27	230 36	230 19	245 16	245 16	280 04	260 17	280 18	..	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ..																		
Sargodha ...																		

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

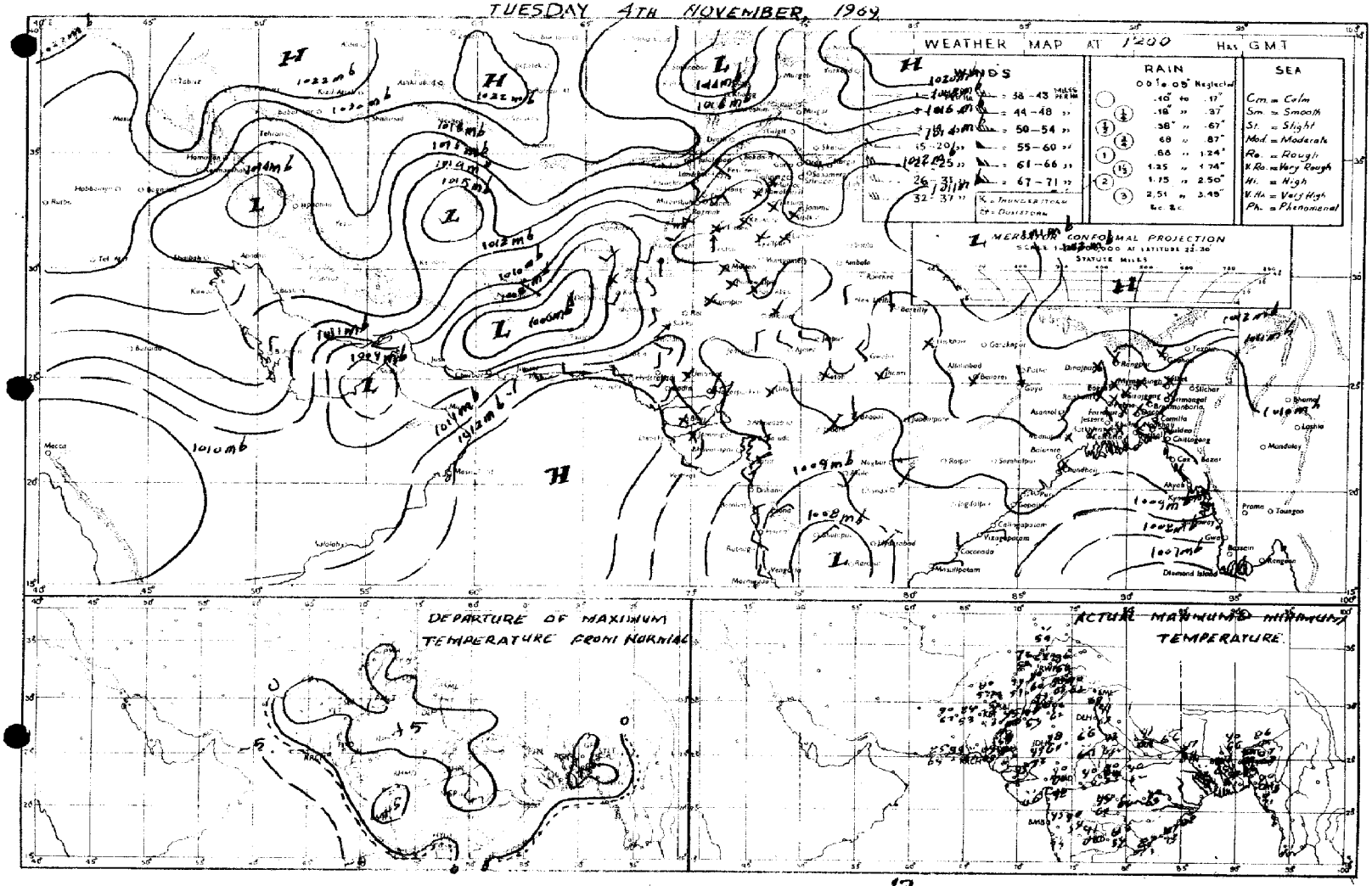
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

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

PAKISTAN DAILY WEATHER MAP

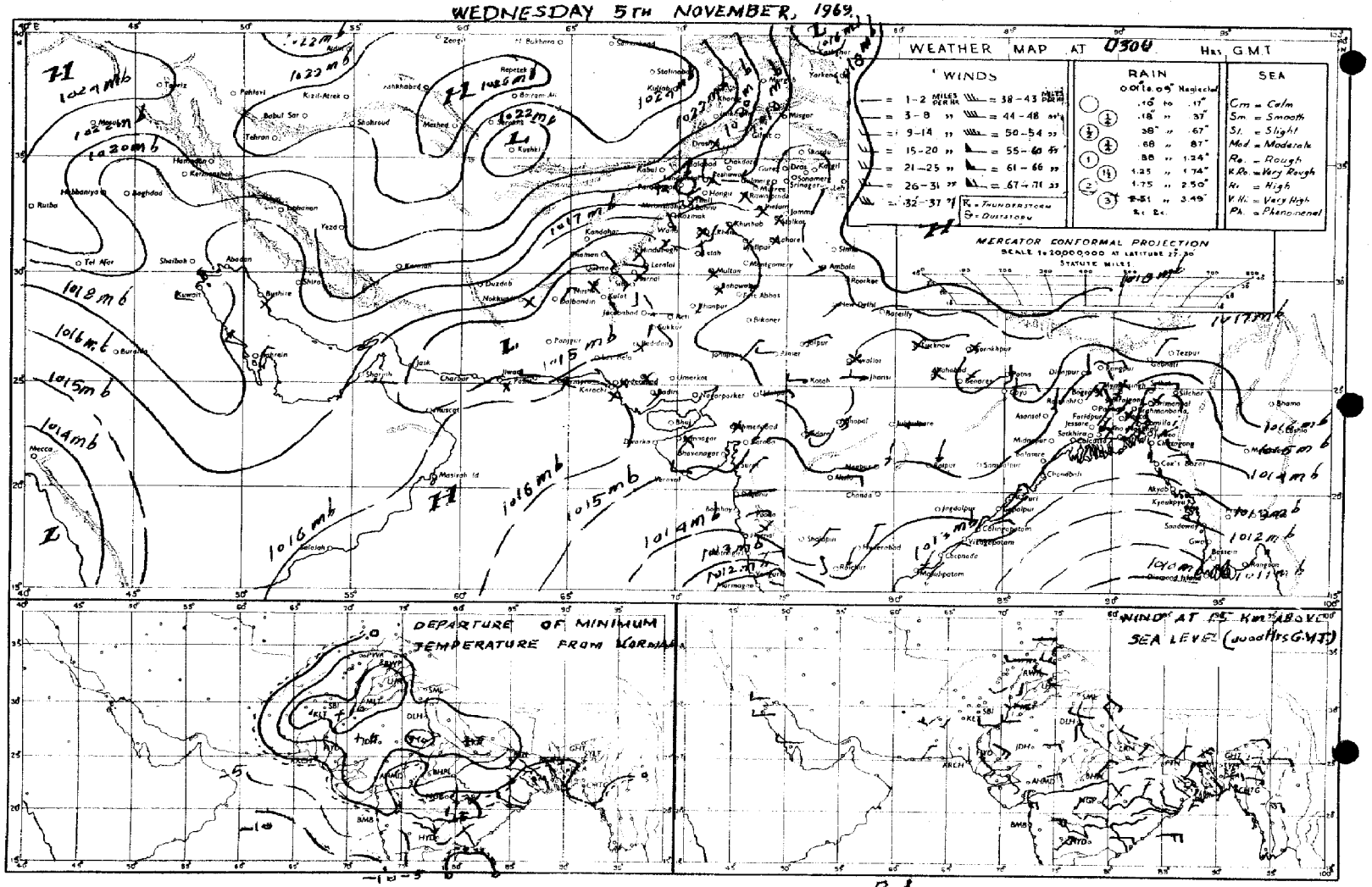
TUESDAY 4TH NOVEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 5TH NOVEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 6th NOVEMBER 1969.

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

Observations lacking but belive yesterday depression moved *westwards, intensified* into a cyclonic storm and centred at 05,1200 G.M.T. within half a degree of latitude 12½ °N and longitude 90 °E. Observations again lacking but belive it moved northwestwards and centred at 06,0300 G.M.T. wtthin one degree of latitude 14 °N and longitude 87 °E. It is likely to move in northerly direction and intensify further. Yesterdays western disturbance over the western divisions of west Pakistan, weakened and now lies as a trough of low pressure over the same region, local rain/thundershowers have occurred in Peshawar division and a few thunderstorms/light showers in D.I.-Khan, Quetta and Khairpur divisions. Landikotal ½" of rain fall upto 1200 G.M.T.

Night temperatures were 9 - 16 °F (5—9 °C) above normal in west Pakistan outside Karachi, Hyderabad and Khairpur divisions and 3 - 8 °F (2—4 °C) so in East Pakistan and Hyderabad division and were nearly normal in Karachi and Khairpur divisions.

Forecast valid until the evening of 7th November 1969 : — Rain/thundershowers are likely to be local in Chittagong, Khulna divisions and scattered elsewhere in East Pakistan and in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir. Weather is likely to be dry elsewhere in west Pakistan.

Karachi-11
The 6th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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 ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	7	23	02	96	02	2	024	82	6	8	5	/	/	72	86
	Cox's Bazar ...	000	0	7	12	06	//	05	2	126	80	3	4	7	2		76	85
	Chittagong ...	000	0	7	00	00	//	02	2	129	82	2	5	4	3	0	76	87
	Maijdee Court ...	000	9	8	00	00	97	03	2	126	82	2	1	5	2	1	73	87
	Comilla ...	000	0	4	00	00	96	02	/	118	85	4	4	7	0	0	73	87
	Brahmanbaria ...	000	0	6	00	00	//	03	1	115	80	0	0	9	0	5	76	87
	Sylhet ...	000	0	5	09	03	//	01	2	130	76	0	0	4	3	7	68	85
	Srimangal ...	000	0	0	00	00	//	00	0	110	76	0	0	9	0	0	73	90
Dacca	Mymensingh ...	000	0	0	00	00	//	00	1	134	70	5	0	8	2	0	68	87
	Narayanganj ...	000	0	5	00	00	//	01	2	119	85	8	6	4	/	/	73	85
	Dacca (Tejgaon) ...	000	0	7	00	00	97	02	2	125	78	3	0	9	3	4	70	86
	Faridpur ...	000	0	5	00	00	93	02	2	058	82	5	5	5	0	0	72	87
Khulna	Barisal ...	000	0	8	00	00	//	02	2	122	80	5	4	5	3	0	76	86
	Khulna ...	000	0	4	00	00	57	02	0	104	86	2	2	4	0	0	76	90
	Satkhira ...	000	0	0	00	00	97	00	0	126	78	0	0	9	0	0	78	87
	Jessore ...	000	0	7	00	00	97	01	2	123	80	1	5	4	0	7	72	87
Rajshahi	Pabna ...	000	0	5	00	00	//	03	1	120	82	5	0	9	5	0	72	90
	Sirajganj ...	000	0	6	36	02	//	02	1	106	80	6	0	7	6	0	70	90
	Rajshahi ...	000	0	2	00	00	55	01	1	138	63	0	0	9	2	0	67	87
	Bogra ...	000	0	6	00	00	//	02	2	124	78	0	0	9	0	2	72	90
	Dinajpur ...	000	0	0	00	00	//	00	0	120	85	0	0	9	0	0	67	90
	Rangpur ...	000	0	2	00	00	96	03	0	090	78	2	0	9	1	0	72	87
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	4	00	00	95	04	1	144	85	0	0	9	0	4	62	90
	Sialkot ...	000	0	0	00	00	99	00	0	125	78	0	0	9	0	0	59	90
Rawalpindi	Jhelum ...	000	8	7	00	00	96	02	2	140	85	2	0	9	1	7	64	90
	Islamabad ...																	
	Rawalpindi ...	000	0	8	27	02	58	02	2	156	76	8	4	8	0	0	54	85
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	5	13	11	96	06	0	137	85	0	0	9	0	5	72	90
	Sargodha ...	000	0	6	00	00	97	01	2	143	80	0	0	9	0	2	68	87
	Lyallpur ...	000	0	4	00	00	96	02	0	133	86	0	0	9	0	4	63	90
Multan	Sahiwal ...																	
	Multan ...	000	0	4	00	00	96	02	0	133	90	0	0	9	3	4	56	91
	Leiah ...	000	0	0	36	00	94	00	0	012	90	0	0	9	0	0	56	91
Bahawalpur	Khanpur ...	000	0	0	00	00	96	00	0	105	90	0	0	9	0	0	72	96
	Bahawalpur ...																	
	Fort Abbas ...	///	0	0	00	00	99	00	0	123	91	0	0	9	0	0	83	91
Peshawar	Charsda ...	000	0	4	36	02	98	03	1	107	73	4	9	9	4	0	58	78
	Peshawar ...	001	2	0	31	05	97	05	9	///	64	6	9	6	2	/	59	80
	Haripur ...	000	4	1	10	20	//	35	8	154	76	8	0	9	7	0	61	79
D. I. Khan	Bannu ...	000	0	7	13	01	98	03	9	143	76	5	2	7	4	0	62	82
	D. I. Khan ...	000	0	7	00	00	97	02	2	139	82	5	0	9	7	4	64	86
Quetta	Sibi ...	000	0	4	13	03	97	03	0	138	55	0	0	9	0	0	38	97
	Nokkundi ...	000	0	6	36	09	6	01	2	154	75	6	5	6	0	0	43	81
Kalat	Turbat ...	000	0	0	27	02	96	00	0	002	93	0	0	9	0	0	77	53
	Jiwani ...	000	0	3	18	05	56	02	0	140	83	3	6	5	0	0	60	85
	Pasni ...	000	0	0	25	10	97	02	0	134	85	0	0	0	0	0	68	88
Karachi division	Ormara ...	000	0	2	27	09	56	01	0	145	81	2	0	9	9	0	71	83
	Lasbela ...	000	0	3	00	00	98	00	0	141	55	0	0	8	0	0	53	98
	Karachi (Manora) ...	000	0	0	27	05	56	02	0	139	81	0	0	9	0	0	74	85
	Karachi (Ariport) ...	000	0	2	23	05	56	03	0	133	87	7	7	9	0	1	57	91
Hyderabad	Nagarparker ...	000	0	0	05	02	97	02	0	150	2	0	0	0	0	0	88	98
	Chhor ...	000	0	2	30	03	96	02	0	126	3	0	0	0	0	0	55	93
	Hyderabad ...	000	0	0	33	03	97	02	0	132	92	0	0	9	0	0	43	98
	Badin ...	000	0	0	23	02	97	02	0	12·	93	0	0	9	0	0	57	97
Khairpur	Padidan ...	000	0	1	18	03	96	03	0	129	91	0	0	9	0	0	43	95
	Nawabshah ...	000	0	0	13	05	97	02	0	134	92	0	0	9	0	0	50	96
	Sukkur ...	000	6	0	27	02	96	02	0	127	94	0	0	9	0	0	//	97
	Kashmore ...																	
	Jacobabad ...	000	0	0	18	03	7	02	0	134	9	0	0	9	0	0	61	96
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	7	27	02	97	02	1	550	5	7	5	4	0	0	50	64
Peshawar	Drosh * ...	006	3	8	00	00	96	60	6	583	5	8	6	6	/	/	47	73
	Cherat * ...	000	0	7	36	19	57	03	2	544	38	7	8	8	0	0	51	70
	Kakul * ...	000	0	8	31	05	57	03	2	547	61	4	4	4	3	1	47	73
	Landikotal * ...	050	2	8	31	05	58	03	8	575	57	6	7	6	/	/	45	73
	Parachinar * ...	013	0	7	00	00	97	17	9	562	56	5	9	6	2	0	51	59
D.I. Khan	Miranshah * ...	000	0	4	05	05	56	02	8	542	73	4	0	9	0	0	51	76
	Wana * ...	000	0	0	00	00	99	00	0	506	72	0	0	9	0	0	56	73
Quetta	Fort Sandeman * ...	000	0	6	23	07	97	01	9	516	76	5	4	7	0	1	36	78
	Hindubagh * ...	000	0	8	23	03	92	03	0	487	73	8	8	4	0	0	47	40
	Loralai * ...	000	0	0	27	72	98	00	0	340	92	0	0	9	0	0	47	47
	Barkhan * ...	000	0	0	23	05	98	02	0	488	78	0	0	9	0	0	48	84
	Harnai * ...	000	0	0	00	00	96	02	0	507	76	0	0	0	0	0	54	76
	Samungli (Quetta) * ...	000	0	5	13	05	96	20	2	537	70	5	5	7	0	0	32	71
	Chaman * ...	000	0	7	23	03	96	01	0	542	63	0	0	7	0	0	58	73
	Nushki * ...	000	0	0	31	10	92	07	0	577	80	0	0	9	0	0	37	86
	Dalbandin * ...	000	1	6	36	05	96	51	5	545	78	6	4	7	0	0	47	89
Kalat	Kalat * ...	000	0	4	31	03	95	02	1	508	66	0	4	9	0	0	34	70
	Khuzdar * ...	...					...				...	...			...	...	...	...
	Panjgur * ...	000	0	0	00	00	96	02	0	536	82	0	0	9	0	0	41	85

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	000	0	6	36	02	58	02	2	160	81	4	7	5	7	0	73	77	—	—	0.0	—	100.8	—
Cox's Bazar	000	0	8	09	06	56	03	2	152	77	4	2	4	6	/	72	75	— 1	+ 5	0.1	— 6	91.3	140
Chittagong	000	0	7	05	02	96	02	2	156	//	2	5	4	2	0	73	75	+ 2	+ 7	0.0	— 1.0	104.5	108
Maijdee Court	000	0	8	00	00	56	03	2	156	81	2	5	5	2	1	63	70	+ 3	+ 2	0.0	— 0.3	128.2	115
Comilla	...			...	...	...	...		...	...	...	...	...	...	...	...	...	+ 2					94
Brahmanbaria	000	0	5	36	02	57	03	1	158	79	5	5	5	0	0	73	30	—	—	0.	— 0.3	53.8	78
Sylhet	000	0	7	00	00	56	02	2	163	76	3	5	4	2	2	63	66	—	—	0.0	—	148.2	—
Srimangal	000	0	5	00	00	96	02	0	152	73	0	0	9	2	2	72	60	+ 2	— 2	0.0	— 0.7	83.0	98
Mymensingh	000	0	6	00	00	57	02	2	170	77	6	4	5	0	0	68	68	+ 3	+ 1	0.0	— 0.4	77.3	91
Narayanganj	000	0	8	09	0.	93	02	2	157	79	8	6	3	/	/	73	73	0	+ 4	0.0	— 0.5	80.8	74
Dacca (Tejgaon)	...		...						...	...			...					—					—
Faridpur	000	0	8	05	02	97	02	2	168	80	6	4	5	1	0	75	30	+ 4	+ 3	0.0	— 0.5	56.8	71
Barisal	000	0	7	00	00	96	02	2	155	77	6	0	9	2	2	76	//	+ 2	/	0.0	— 1.0	64.2	81
Khulna	...	...	...					...					...					+ 6					68
Satkhira	000	0	4	00	00	97	10	3	154	79	4	3	6	0	0	74	72	0	+ 7	0.0	— 0.3	61.6	65
Jessore	000	0	7	18	05	97	02	2	162	76	2	5	9	1	8	72	69	—	2	0.0	— 0.5	61.4	45
Pabna	000	0	0	00	00	59	03	1	168	77	6	0	9	6	0	70	70	—	—	0.0	—	65.2	59
Sirajganj	...			...										...	...			+ 7					64
Rajshahi	000	0	0	05	02	96	02	0	162	73	0	0	9	0	0	70	77	+ 3	+ 12	0.0	— 0.2	67.4	—
Bogra	...		...					...	...					...	...		...	+ 6					69
Dinajpur	000	3	5	36	02	96	01	1	118	76	0	0	9	0	9	63	67	+ 6	+ 4	0.0	— 0.1	95.7	72
Rangpur	000	0	6	09	02	96	03	0	164	73	6	0	9	3	0	65	67	+ 3	+ 4	0.0	— 0.0	86.0	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	95	04	0	181	70	0	0	9	0	1	58	65	+ 2	+ 16	0.0	0.0	8.0	19
Sialkot	000	0	0	00	00	92	00	0	159	70	0	0	9	0	0	40	52	— 4	0	0.0	0.0	11.5	32
Jhelum	000	9	3	31	05	97	01	1	180	70	0	0	9	0	/	54	63	—	—	0.0	—	31.2	—
Islamabad																							—
Rawalpindi	000	0	2	27	05	99	00	0	182	69	0	0	9	0	4	56	59	+ 3	+ 3	0.0	0.0	33.4	36
Campbellpur																							—
Khushab	000	0	2	00	00	98	01	0	176	65	0	0	9	0	2	61	68	+ 3	+ 15	0.0	0.0	7.8	15
Sargodha	000	0	6	17	03	97	0.	0	162	67	0	0	9	0	1	61	61	—	—	0.0	—	20.6	—
Lyallpur	000	0	0	00	00	56	00	0	174	68	0	0	9	0	0	63	63	+ 4	+ 13	0.0	0.0	7.7	12
Sahiwal																							10
Multan	000	0	3	36	03	57	01	1	196	70	1	0	9	3	1	59	65	+ 3	+ 12	0.0	0.0	11.3	7
Leiah	000	0	8	36	00	92	02	2	146	67	0	0	9	0	8	61	61	—	—	0.0	—	2.7	8
Khanpur	000	0	1	36	07	56	05	0	184	72	0	0	9	0	1	56	63	+ 5	+ 10	0.0	—	1.1	6
Bahawalpur	000	0	0	00	00	96	00	0	123	76	0	0	9	0	0	59	63		+ 11	0.0	0.0	2.0	6
Fort Abbas	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Charsda	0·1	0	3	00	00	97	01	1	///	63	1	0	9	3	1	58	58	— 1	+ 17	0.0	0.0	14.3	11
Peshawar	100	3	4	05	02	57	03	2	203	70	4	0	9	0	5	54	56	—	—	0.0	—	23.0	—
Haripur																							
Bannu	000	0	3	27	02	99	01	1	702	63	0	0	9	4	0	61	61	—	—	0.0	—	4.5	11
D. I. Khan	000	0	5	27	03	96	01	2	194	70	2	0	9	3	2	61	67	+ 1	+ 16	0.0	0.0	6.0	9
Sibi	000	0	6	27	03	97	03	1	181	70	6	0	9	4	2	52	67	—	—	0.0	—	0.2	5
Nokkundi	002	2	7	00	00	56	02	2	218	61	7	5	6	0	0	43	42	—	—	0.0	—	0.3	2
Turbat	000	0	0	09	11	56	00	0	057	75	0	0	9	0	0	47	//	—	/	0.0	—	0.2	—
Jiwani	000	0	3	00	00	56	03	0	173	72	0	0	9	0	1	69	69	—	—	0.0	—	2.0	8
Pasni	000	0	0	11	06	57	02	0	169	72	0	0	0	0	0	69	//	—	/	0.0	0.0	0.0	4
Ormara	000	0	1	00	00	56	03	3	177	74	1	8	6	0	0	71	//	—	/	0.0	0.0	0.6	6
Lasbela	000	0	3	01	00	98	00	0	169	70	0	0	8	0	8	63	58	—	—	0.0	—	0.7	8
Karachi (Manora)	001	0	4	00	00	56	03	0	154	75	0	0	9	0	0	56	//	— 2	+ 2	0.0	— 0.1	1.1	8
Karachi (Ariport)	000	0	2	31	03	56	03	0	168	70	0	0	5	3	0	47	66	—	—	0.0	—	1.5	—
Nagarparker	000	0	0	05	02	//	02	0	071	80	0	0	0	0	0	79	//	—	/	0.0	—	0.1	—
Chhor	...			...			...		...	...	...	...	...	...	...	...	...	—					7
Hyderabad	000	0	0	36	01	97	02	0	173	77	0	0	9	0	0	47	71	+ 5	+ 9	0.0	0.0	0.3	9
Badin	000	0	0	36	02	57	02	0	131	70	0	0	9	0	0	54	68	+ 3	+ 6	0.0	0.0	0.3	—
Padidan	000	0	1	27	02	56	03	0	176	69	1	0	9	3	0	55	61	—	—	0.0	—	0.8	—
Nawabshah	002	0	0	45	03	56	02	0	172	70	0	0	9	0	0	58	63	—	—	0.0	—	1.1	4
Sukkur	000	0	0	05	09	55	05	4	179	74	0	0	9	0	0	57	72	—	—	0.0	—	0.1	—
Kashmore																							4
Jacobabad	000	0	1	09	05	56	03	8	180	73	0	0	9	0	1	61	69	+ 5	—	0.0	0.0	2.7	20
Veraval																							26
Srinagar																							—
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	000	0	4	31	05	98	01	1	537	61	0	0	9	0	0	54	52	+ 4	+ 9	0.0	— 0.1	40.1	18
Drosh	...	...	...	...			...		...	...	...	...			...	...	...	+ 4			—		29
Cherat	000	0	0	36	17	98	00	0	555	59	0	0	9	0	0	44	//	0	/	0.0	— 0.1	14.4	—
Kakul	016	0	1	00	00	97	01	0	617	57	1	1	7	0	0	47	49	—	—	0.0	—	32.8	—
Landikotal	000	0	0	31	05	98	02	0	58	58	0	0	9	0	0	51	54	—	—	0.0	—	13.0	29
Parachinar	...	...	...	...	...	...	...		...	...	...					...	...	+ 10					13
Miranshah	000	0	0	05	05	59	00	0	546	61	0	0	9	0	0	52	59	—	—	0.0	— 0.0	2.0	11
Wana	000	0	3	00	00	99	00	0	584	54	3	2	8	0	0	49	52	—	—	0.0	—	4.3	11
Fort Sandeman	000	0	2	13	02	97	01	0	566	56	0	0	9	1	1	47	55	+ 2	+ 10	0.0	0.0	6.5	—
Hindubagh	003	0	7	27	12	96	03	0	541	48	7	1	5	0	0	/	35	—	— 11	0.0	—	6.0	9
Loralai	000	0	0	27	02	98	00	0	355	56	0	0	9	0	0	32	48	—	—	0.0	—	0.4	—
Barkhan	000	0	0	31	05	//	02	0	508	64	0	0	9	0	0	48	//	—	/	0.0	—	1.0	14
Harnai	000	0	0	00	00	96	02	0	524	61	0	0	0	0	0	41	//	—	/	0.0	—	5.6	9
Samungli (Quetta)	000	0	3	00	00	96	01	1	580	//	3	3	7	0	0	43	52	—	—	—	—	—	8
Chaman	000	0	9	05	05	96	02	5	576	75	7	0	7	4	6	49	53	— 1	+ 10	0.0	0.0	4.8	—
Nushki	000	0	0	00	00	97	02	0	520	60	0	0	9	0	0	//	58	—	—	0.0	—	2.6	4
Dalbandin	///	9	6	05	07	//	03	5	573	63	1	5	4	3	0	47	61	+ 6	+ 16	0.0	0.0	0.5	7
Kalat	000	0	3	18	02	96	03	0	535	49	0	4	9	0	0	39	41	+ 3	+ 9	0.0	0.0	2.2	—
Khuzdar	000	0	0	00	00	96	02	0	538	55	0	0	9	0	0	44	57	—	—	—		—	5
Panjgur	000	0	2	36	05	96	03	0	564	64	0	0	9	0	1	45	60	+ 5	+ 12	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 6th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Croix Fnhm	99 2 17	10 5 92	05 0 63	12 8 07	98 0 20	17 6 26	10 5 40	13 1 16	...	...	05 3 22	12 8 07	30 2 01	20 5 01
Cro'x Dusud	99 2 41	10 5 93	05 1 23	62 8 03	98 0 11	13 2 28	62 4 [illegible]08	...	73 6 26	...	05 2 23	12 9 02	30 2 01	...
Raffi	99 2 16	10 6 91	05 1 83	00 2 11	98 0 20	15 0 27	00 9 00	...	74 0 00	...	0/ / 21	12 9 05	30 2 02	...
Caoixdusud	99 2 42	10 5 84	05 1 83	00 4 03	98 0 10	16 6 27	00 9 00	...	...	1 14	05 4 23	12 9 00	30 0 03	/////

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 250 15	...	472 182 30	181 104 58	586 300 08	761 151 73	538 250 30	249 513 //	...	...	...	...	...
Dacca ...	00 80	013 220 17	...	490 142 50	121 044 39	580 105 56	705 193 56	...	..	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	120 204 60	...	503 184 75	786 130 60	587 115 //	766 175 //	966 315 //	...	...	...	...	...	...
Multan ...	00 00	003 200 57		608 184 57	177 085 //	585 075 //	755 191 //	960 401 //	228 521 //	...	...	...	...	...
Peshawar ...	00 00	978 158 04	...	503 142 24	142 083 15	563 095 //	150 215 //	956 379 //	125 545 //	...	...	...	...	...
Quetta ...	00 00	826 116 55	...	...	140 019 //	573 173 //	738 253 //	938 377 //	210 523 //	...	...	...	...	...
Sargodha ...	00 00	999 244 56	...	500 194 50	144 040 40	58/ 121 //	747 221 //	953 371 //	23/ 541 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 12	800 154 31	600 016 50	..	...	...	...	...	...	...	...	...
Dacca ...	00 00	500 170 49	800 104 43	600 029 47	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	80 00	...	...	...	...	..	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisa	100 02	100 05	170 07	160 08	...	...			
Bogra	085 06	080 07	110 09	170 08	125 05	205 02	...	.	..
Chaklala	...	305 12	285 07	290 01	265 04	235 10	225 04	..	...
Chhor	250 14	240 07	180 02	060 03	075 09	080 14	290 04	285 08	260 12
Chittagong	150 10	190 10	190 09	/// //	010 09	.	..	...	.
Cherat	...	...	...	...	.	-	..	...	...
Cox's Bazar	090 09	083 15	130 15	/// //	160 10	-	..	...	...
Dacca	040 05	135 06	125 10	...	160 03	...	...	...	
Dalbandin	...	...	015 03	040 04	080 05	...	...	...	...
D. I. Khan	020 08	050 07	015 07	135 03	135 04	246 09	...	...	..
Drosh	...	...	No	Ascent			...	...	...
Fort Sandeman	..	.	...	270 09	220 14	200 08	.	..	..
Gilgit	..	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...		.
Jacobabad	195 24	195 24	195 16	195 13	195 16	185 17	/// //	260 11	195 16
Jessore	070 05	070 06	115 06	170 11	145 12	140 04		...	...
Jhelum	200 01	200 02	330 33	295 04	305 09	295 06	250 10	255 21	260 24
Jiwani	185 03	150 03	150 05	135 10	050 11	035 06	220 11	220 25	255 33
Karachi	245 10	260 10	250 //	220 13	210 //	210 04	045 01	075 01	050 05
Khanpur	260 06	285 05	285 05	255 08	243 08	200 15	170 20	190 16	250 21
Khuzdar	...	...	...	115 05	150 04	175 13			
Lahore	270 03	305 03	320 03	295 06	290 11	305 13	325 07	265 06	265 13
Multan	210 07	220 10	220 09	220 11	205 12	270 06	245 19	255 32	255 39
Nawab Shah	170 06	200 07	215 07	225 06	195 02	230 05	260 17	255 22	255 23
Nokkundi	..	.	165 07	250 04	220 03				
Panjgur		...	...	165 06	270 04	205 02	215 14	250 24	250 30
Peshawar	...	...	No	Ascent	...		...	.	...
Parachinar	..	...	...	275 04	115 05				
Quetta	..	...		...	190 05	235 16		.	.
Sargodha	085 04	140 05	160 06	235 10	250 13	240 11	245 14	260 18	260 24
Skardu	...			045 01	075 01		...	...	...
Sylhet	100 12	100 19	095 17	065 12	090 07	050 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 1	11	12	13	14	15	16
Barisa						
Bogra	060 01	175 07	165 07	165 06	085 10	105 10
Chaklala	080 07	085 08	080 10	355 05	035 10	085 08
Chhor	...	355 12	/// //	355 12	345 07	300 02
Chittagong	...	...	...	..	..	...
Cherat	...	...	...	...		...
Cox's Bazar	...	...	...			...
Dacca	055 08	103 01	090 12	110 17	110 15	...
Dalbandin	060 04	055 02	360 02	...	025 10	
D. I. Khan		...	070 12	050 10	085 13	245 05
Drosh	305 03	330 05	315 03	360 03	035 04	040 13
Fort Sandeman	...	..	...	065 01	045 03	015 03
Gilgit	..	...	...	045 07	038 10	080 10
Ishurdi	..	..	..	265 09	285 03	290 03
Jacobabad	...	...	...	...	...	...
Jessore	140 05	135 06	145 06	165 08	173 20	190 11
Jhelum	060 09	045 03	170 03	070 07	075 19	150 04
Jiwani	295 12	325 20	350 19	320 15	210 10	025 01
Karachi	355 10	015 13	020 03	055 05	115 06	120 10
Khanpur	...			...		
Khuzdar	500 08	855 12	060 13	090 18	070 17	035 19
Lahore	...	...		...	...	
Multan	345 19	335 17	325 11	320 13	310 17	295 14
Nawab Shah	350 15	005 19	005 26	050 19	025 33	
Nokkundi	305 05	295 03	090 02	125 03	115 06	130 05
Panjgur	.	...	180 05	215 08	320 03	..
Peshawar	...			0.5 15	815 21	
Parachinar	...	220 01	295 11	330 15	004 //	015 04
Quetta	..	..	...	030 03	155 03	...
Sargodha	010 10	005 22	330 13	295 10	2/6 20	260 15
Skardu		...				
Sylhet	085 19	095 14	085 13	095 08	060 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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisa											
Bogra	105 02	130 02	130 02			...	...	...	...	...	...
Chaklala	08[illegible] 04	105 07	070 07	025 08	105 08	...				...	...
Chhor	...	295 09	305 12	320 13	325 16	325 21	260 20	250 25	32[illegible] 23		...
Chittagong						...	...	...	...		...
Cherat	225 08	210 03	180 03	120 03	075 05	005 03	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	125 05	130 05	/// //	115 08	135 15	140 22	...	-	...	...	-
Dalbandin	110 07	110 05	265 04	320 06	040 15	080 13	120 10	100 07	135 05	...	...
D. I. Khan	...					...		...		...	
Drosh	250 01	300 03	330 02	335 06	265 05	200 04	215 07	313 50	250 10	.	...
Fort Sandeman	-	.	...							...	..
Gilgit	...	...	..	330 01	090 03	205 11	205 19	295 22	210 20	...	.
Ishurdi	..	...		..	..	...	...	...	...	...	...
Jacobabad			...						...	...	-
Jessore	090 30	090 40	115 28	115 10	100 04	170 11	170 13	190 15	...	...	...
Jhelum	085 04	070 05	085 06	065 10	090 17	120 19	075 07	360 10		...	..
Jiwani	325 17	325 23	315 22	300 15	303 13	300 06	170 06	260 03	300 05	...	...
Karachi	050 11	085 13	085 11	090 05	120 09	005 02	230 22	240 32	240 38	...	...
Khanpur	020 12	015 //	080 08	145 28	145 16	140 19	120 16	160 12	240 22	...	..
Khuzdar	015 19	...	...	035 19	115 26	120 24	080 11	090 09	205 04	...	...
Lahore			...	110 04	140 07	140 10	116 20	205 24	230 30	...	...
Multan	340 03	330 11	310 11	310 15	295 17	310 07	350 07	285 19	260 25	...	...
Nawab Shah	040 08	025 07	040 08	050 12	260 02	265 19	195 07	170 09	175 06	...	...
Nokkundi	060 07	070 06	060 07	070 08	[illegible]0 07	120 10	225 22	225 23	245 25	...	-
Panjgur	...		190 03	295 03	130 07	230 1/	...	...	.	-	...
Peshawar	...			225 06	235 07	235 10	195 16	150 14	305 06	310 06	250 28
Parachinar	...	080 05	300 06	305 08	340 07	075 07	200 07	195 12	230 23	...	...
Quetta	.	..	...	220 01	070 01 115 06	200 16 165 24	155 10 210 24	215 45	210 24 225 57	...	..
Sargodha	315 04	320 08	290 09	285 5[illegible]	290 16	255 10	275 06	245 26	245 25	...	...
Skardu	...	...								...	-
Sylhet	105 72	095 13	080 11	095 08	...	...	...	...	...	.	..
Veraval	...	...	...	..	...	..	-	...	...	...	..

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi	230 14	320 09	320 07	145 10	125 08	180 17	165 11	...	235 23	...	...	...	...	...	...	...	...	..
Multan ...																		
Peshawar ...																		
Quetta																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

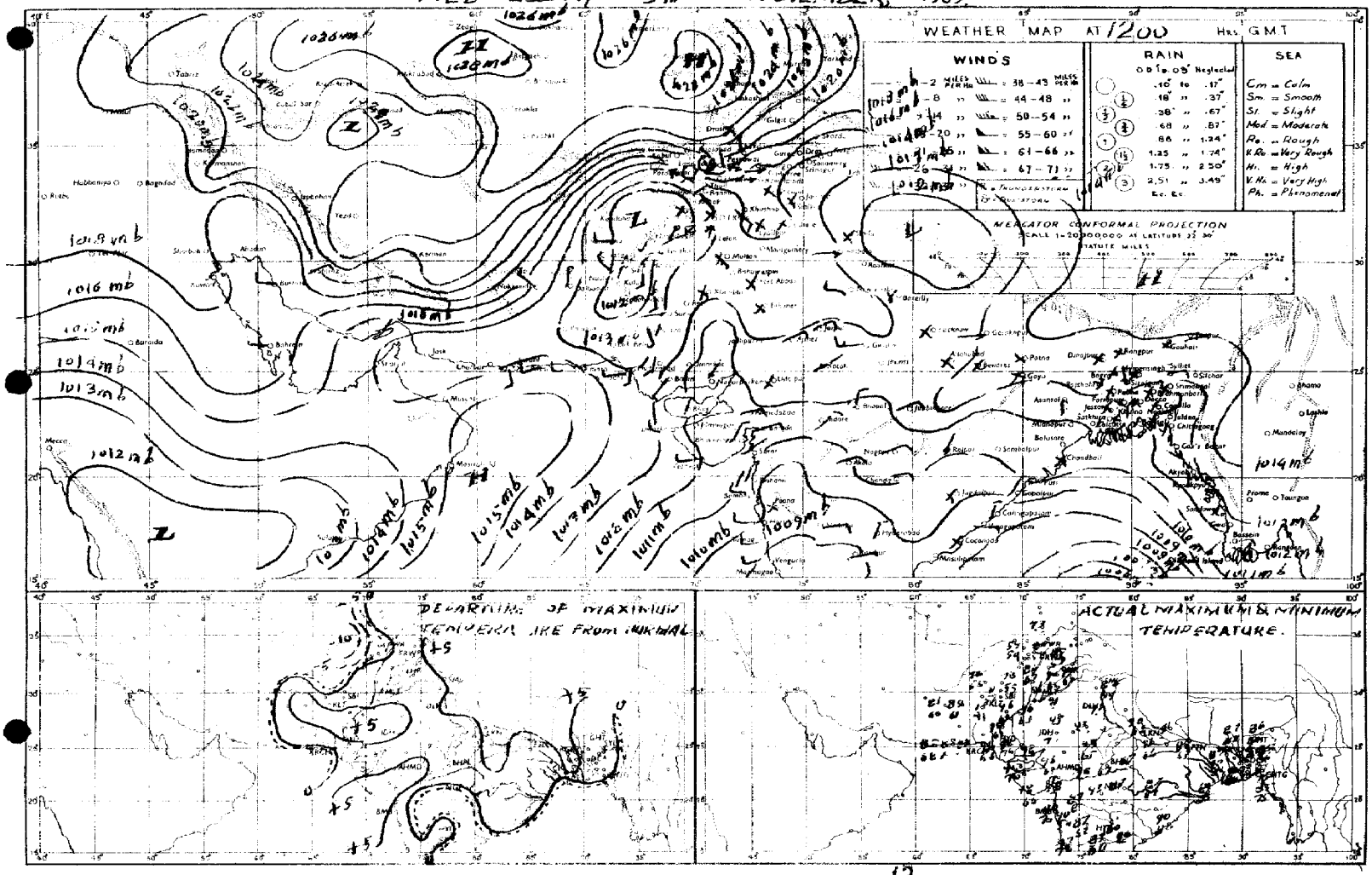
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

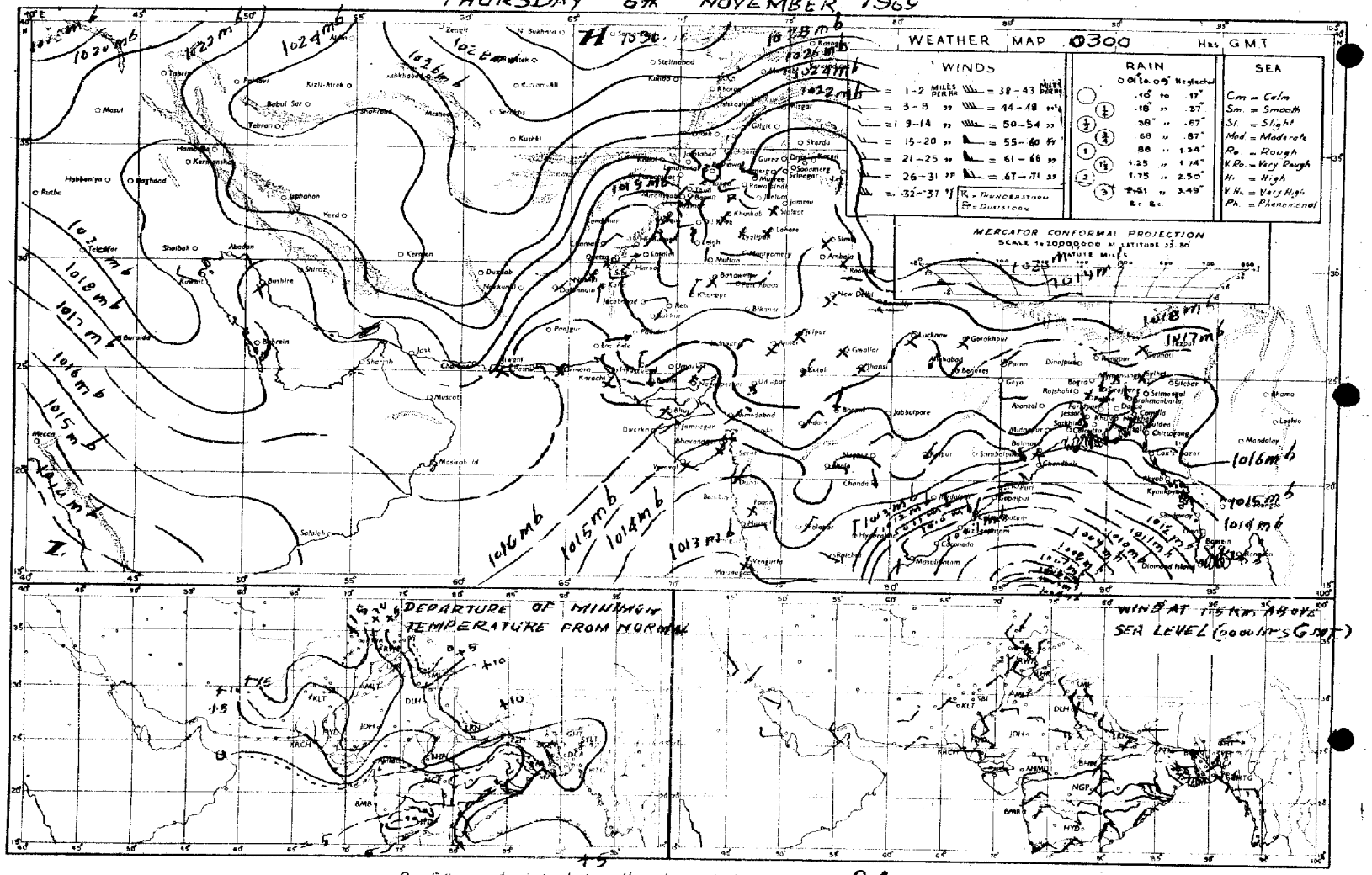
WEDNESDAY 5th NOVEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 6th NOVEMBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 7th NOVEMBER 1969.

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

yesterday's cyclonic storm moved northwestwards, became severe and was centred last evening at 06,1200 G.M.T. within one degree of latitude 16 °N and longitude 86 °E. It continued moving in the same direction and is centred this morning at 07,0300 G.M.T. within half a degree of latitude 16½ °N and longitude 84 °E. It is likely to move north northwestwards and cross north Andhra coast by tonight. Under its influence a few falls of light rain have occurred in Chittagong division.

The trough of low pressure over western divisions of west Pakistan is moving across the northern divisions.

Weather remained dry over west Pakistan.

Night temperatures were 5 – 12 °F (3—7 °C) above normal over the country outside Dacca and Karachi divisions where these were 3 – 4 °F (2 °C).

Forecast valid until the evening of 8th November 1969 : — Local rain/thundershowers may occur in Khulna and Chittagong divisions and scattered in Quetta, D. I. Khan, Peshawar divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 7th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions (1)	Stations (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	000	0	6	27	02	56	01	1	129	82	5	3	5	7	/	73	87	000	0	5	69	02	98	03	1	150	80	1	3	6	4	3	73	76	—	—	0.0	—	100.8	—
	Cox's Bazar ...	0 5	4	8	05	05	//	21	6	117	80	3	4	4	2	(	73	85	085	0	6	00	00	97	01	6	140	8	2	1	5	6	8	76	73	0	+ 3	0.1	— 1.9	91.3	140
	Chittagong ...	000	0	6	00	00	//	01	2	123	82	4	0	9	3	2	73	87	000	0	7	07	02	96	03	2	145	77	2	5	4	3	1	//	73	+ 3	+ 5	0.0	— 1.1	104.5	108
	Maijdee Court ...	000	9	0	00	00	//	03	2	116	80	0	0	9	0	0	72	87	0.0	9	0	00	00	97	00	0	146	82	0	0	9	0	0	68	70	+ 3	—	0.0	— 0.9	118.2	115
	Comilla ...	000	0	4	00	00	56	02	0	117	68	4	4	7	0	0	//	8	000	0	2	00	00	96	02	0	141	81	0	0	9	0	1	73	73	+ 2	+ 6	0.0	— 0.6	102.7	94
	Brahmanbaria ...	000	0	7	00	00	//	03	1	127	80	7	5	5	0	0	76	85	000	0	0	10	10	97	03	1	148	81	0	0	9	0	5	//	//	—	—	0.	— 0.5	53.8	78
	Sylhet ...	000	0	7	00	00	//	02	2	126	76	1	1	6	0	4	68	85	000	0	4	9	05	97	02	2	146	76	0	0	9	2	8	65	45	—	—	0.0	—	148.	—
	Srimangal ...	000	0	0	00	00	//	00	0	127	73	0	0	9	0	0	70	87	000	0	0	10	00	96	00	0	141	76	0	0	9	0	0	73	73	— 1	— 11	0.0	— 0.8	83.0	98
Dacca	Mymensingh ...	000	0	6	00	00	//	02	2	125	80	4	5	6	2	0	68	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					91
	Narayanganj ...	000	0	8	09	00	//	01	1	126	82	(	6	3	/	1	73	90	000	0	6	05	?2	97	02	2	147	84	5	6	6	3	1	72	73	+ 5	+ 4	0.0	— 0.6	80.8	74
	Dacca (Tezgaon) ...	000	0	7	30	00	96	02	2	123	77	1	0	9	7	4	72	82	000	0	6	00	00	96	03	2	147	77	4	0	9	3	4	70	69	—	—	0.0	—	64.7	—
	Faridpur ...	000	0	7	00	00	93	02	4	102	80	6	5	5	1	0	73	66	000	0	3	02	05	97	02	2	146	82	3	0	9	1	0	72	70	+ 3	+ 3	0.0	— 0.6	56.9	71
Khulna	Barisal ...	000	0	7	00	00	//	02	2	121	80	5	8	5	7	7	77	85	000	0	7	09	02	97	02	2	144	81	2	5	4	9	7	77	73	+ 1	+ 5	0.0	— 0.8	64.2	81
	Khulna ...	000	0	4	00	00	97	03	0	104	86	2	2	5	0	0	76	90	000	0	0	00	00	97	02	0	146	81	2	2	4	0	0	76	73	+ 6	+ 7		— 0.5	73.2	68
	Satkhira ...	000	0	4	00	00	95	00	2	124	80	4	2	6	0	0	76	82	000	0	2	18	01	97	00	1	144	78	0	0	5	1	0	77	72	— 4	+ 7	0.0	— 0.4	61.6	65
	Jessore ...	000	0	7	00	00	56	02	2	122	80	1	5	5	3	6	72	87	0.0	0	6	09	03	97	02	2	152	74	1	0	9	3	7	//	72	+ 3	+ 5	0.0	— 0.6	61.4	65
Rajshahi	Pabna ...	000	0	4	10	00	//	03	1	130	80	4	0	9	6	0	73	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Siraiganj ...	000	0	2	00	00	//	02	2	105	80	0	0	7	2	0	76	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					64
	Rajshahi ...	000	0	4	00	00	55	03	1	135	80	4	5	6	/	/	72	85	000	0	2	//	//	96	03	1	157	76	3	5	5	2	0	72	70	+ 2	+ 5	0.0	— 0.2	67.4	—
	Bogra ...	000	0	5	00	08	//	01	1	128	7	2	4	4	3	/	70	86	000	0	6	00	00	96	02	1	154	76	2	0	9	7	8	70	//	+ 3	/	0.0	— 0.5	58.3	69
	Dinajpur ...	000	9	3	00	00	//	00	1	122	80	3	0	9	2	1	68	85	000	0	0	36	03	96	00	0	159	76	0	0	9	0	0	69	63	+ 1	0	0.0	— 0.1	55.7	72
	Rangpur ...	000	0	4	00	00	56	03	1	105	77	4	0	9	1	0	72	65	000	0	6	05	02	96	01	0	160	77	/	1		/	/	//	//	+ 2	/	0.0	— 0.2	86.0	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Isl Rd.) ...	000	0	1	00	00	56	03	0	147	80	0	0	9	0	1	59	87	000	0	0	00	00	95	05	0	159	66	0	0	9	0	0	60	60	+ 1	+ 11	0.0	0.0	8.0	19
	Sialkot ...	000	0	0	00	00	58	00	0	125	78	0	0	9	0	0	//	80	000	0	0	00	00	92	00	0	169	70	0	0	9	0	0	40	52	— 4	0	0.0	0.0	11.5	32
Rawalpindi	Jhelum ...	000	0	2	31	02	97	02	0	137	82	0	0	9	0	1	54	90	000	0	2	00	00	97	03	0	160	65	0	0	9	0	1	58	58	—	—	0.0	—	31.2	—
	Islamabad ...																																								—
	Rawalpindi ...	000	0	6	31	02	98	02	2	151	73	0	0	9	0	8	56	80	000	0	3	00	00	99	00	0	159	58	0	0	9	0	4	56	56	0	+ 10	0.0	0.0	33.4	34
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	5	13	11	97	02	2	138	82	0	0	9	4	0	72	90	000	0	0	00	00	98	00	0	151	70	0	0	9	0	0	59	70	+ 5	+ 17	0.0	0.0	7.8	15
	Sargodha ...	000	0	4	00	00	97	03	1	143	82	0	0	9	0	1	64	90	000	0	3	23	02	96	04	0	161	62	0	0	9	0	1	56	58	—	—	0.0	—	20.6	—
	Lyallpur ...	000	0	0	00	00	96	00	0	132	86	0	0	9	0	0	64	90	600	0	0	00	00	96	00	0	160	65	0	0	9	0	0	51	61	+ 6	+ 11	0.0	0.0	7.7	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	3	05	02	97	02	0	149	85	0	0	9	0	1	59	87	00	0	0	00	00	56	55	0	165	66	0	0	9	0	0	60	60	+ 1	+ 7	0.0	0.0	11.3	7
	Leiah ...	000	0	4	36	00	94	01	2	127	90	0	0	9	0	4	45	90	00	0	5	36	02	92	02	2	137	67	0	0	9	0	5	61	63	—	—	0.0	—	2.8	8
Bahawalpur	Khanpur ...	000	0	4	36	02	56	02	0	148	86	0	0	9	0	2	60	90	00	(	0	00	00	56	02	0	159	70	0	0	9	0	0	56	58	+ 1	+ 5	0.0	0.0	1.1	6
	Bahawalpur ...	000	0	3	00	00	96	00	0	155	90	0	0	9	0		76	56	00	0	(	00	00	96	00	0	123	76	0	0	9	0	0	59	63	+ 9	+ 11	0.0	0.0	2.0	6
	Fort Abbas ...	000	0	0	00	00	58	00	0	125	56	0	0	5	(	(	85	98	00	0	2	00	00	97	01	1	174	65	2	5	7	0	0	61	58	—	—	0.0	—	0.9	8
Peshawar	Chakdra ...	000	0	7	36	02	96	03	5	159	64	7	3	7	0	0	56	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Peshawar ...	000	0	6	00	00	98	02	2	150	77	1	1	6	3	1	63	82	10	0	...	00	00	97	02	2	171	62	1	0	9	3	1	54	68	+ 3	+ 17	0.0	0.0	14.3	11
	Haripur ...	000	4	8	30	13	97	03	1	154	72	8	0	9	7	0	59	80	100	4	5	05	03	97	03		178	65	5	0	9	3	0	58	58	—	—	0.0	—	23.0	—
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	7	02	58	02	1	168	63	0	0	9	4	4	61	61		—	0.0	—	4.5	11
	D. I. Khan ...	000	0	7	00	00	97	03	2	147	82	5	0	9	7	4	68	87	000	0	4	0	0	56	02	0	169	88	4	0	9	3	0	56	63	+ 2	+ 12	0.0	0.0	6.0	9
Quetta	Sibi ...	000	0	2	18	03	56	63	0	150	55	0	0	9	0	0	68	97	000	0	2	0	03	97	03	0	172	79	0	2	9	2	0	//	67	—	—	0.0	—	0.2	8
	Nokkundi ...	000	0	4	13	03	56	02	0	153	79	4	3	6	0	0	42	80	008	0	6	00	0	56	03	2	169	65	6	5	6	0	0	37	60	—	—	1.0	—	0.3	2
Kalat	Turbat ...	000	0	0	05	02	96	00	0	///	53	0	7	9	1	/	07	93	000	(	0	05	03	6	00	0	///	67	0	0	9	0	0	48	//	—	—	0.0	—	0.2	—
	Jiwani ...	000	0	2	18	09	97	02	0	145	84	0	0	9	0	0	71	88	000	0		05	0.	6	02	0	159	73	0	0	9	0	0	69	71	—	—	0.0	—	2.0	5
	Pasni ...	000	0	0	25	14	96	02	0	158	84	0	0	0	0	0	69	86	000	0	(	23	4	97	02	0	165	72	0	0	0	0	0	67	//	— 1	/	0.0	0.0	0.0	6
Karachi division	Ormara ...	000	0	1	18	05	96	02	2	150	89	1	0	9	9	0	60	92	000	0		00	00	96	07	0	159	72	0	0	8	0	0	67	//	—	—	0.0	0.0	0.6	6
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0		07	00	98	00	0	147	68	0	0	9	0	0	51	58	—	—	0.0	—	0.7	8
	Karachi (Manora) ...	000	0	2	27	03	56	03	0	133	86	0	0	9	0	1	64	89	000	0	C	6	03	6	02	0	141	77	0	0	9	0	0	57	73	+ 2	+ 4	0.0	— 0.1	1.1	8
	Karachi (Ariport) ...	000	0	0	27	05	96	01	0	130	54	0	0	9	0	0	49	57	000	0	(	02	03	6	02	0	146	75	0	0	9	0	0	43	69	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	02	0	150	92	0	0	0	0	0	88	98	000	0	0	05	02	97	02	0	17.	82	0	0	0	0	0	//	71	—	—	0.0	—	—	—
	Chhor ...	000	0	0	00	00	96	02	0	122	95	0	0	9	0	0	38	.0	000	0	0	00	00	6	02	0	140	71	0	0	9	0	0	43	64	—	—	0.0	—	0.3	7
	Hyderabad ...	000	0	0	31	05	97	01	0	138	91	0	0	9	0	0	53	95	000	0	0	34	03	97	02	0	152	74	0	0	9	0	0	57	72	+ 4	+ 10	0.0	0.0	0.3	5
	Badin ...	000	0	0	36	06	97	02	0	127	96	0	0	9	0	0	52	8	000	0	0	36	03	7	07	0	129	66	0	0	9	0	0	59	65	+ 5	+ 3	0.0	0.0	0.3	—
Khairpur	Padidan ...	000	0	1	36	05	96	02	0	143	89	1	0	9	3	0	59	93	000	0	0	3	02	6	02	0	158	70	0	0	9	0	0	59	60	—	—	0.0	—	0.8	—
	Nawabshah ...	000	0	0	31	05	56	02	0	146	91	0	0	9	0	0	54	95	000	0	0	31	0.	6	02	0	112	67	0	0	9	0	0	62	65	—	—	0.0	—	1.1	4
	Sukkur ...	000	6	0	31	02	96	02	0	149	93	0	0	9	0	0	56	93	000	2	0	00	00	54	05	4	159	75	0	0	9	0	0	62	66	—	—	0.0	—	0.1	—
	Kashmore ...																																								4
	Jacobabad ...	000	0	1	09	05	97	01	0	148	92	0	0	9	0	1	61	93	000	0	0	27	02	56	02	0	157	73	0	0	9	0	0	68	68	+ 4	+ 13	0.0	0.0	2.7	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								
	Aliabad * ...																																								5
	Gilgit * ...																																								59
Rawalpindi	Murree * ...	000	0	6	27	03	57	02	1	550	58	3	5	4	8	0	47	67	000	0	5	29	02	97	02	1	551	57	0	0	9	0	4	37	52	+ 8	+ 9	0.0	— 0.1	40.1	18
Peshawar	Drosh * ...	000	0	5	31	05	97	02	1	551	91	3	2	7	3	0	43	70	000	0	6	00	00	97	03	0	563	54	2	5	7	6	2	43	54	+ 3	— 1	0.0	—	15.0	29
	Cherat * ...	000	0	4	36	05	97	01	0	553	67	4	5	7	0	0	45	72	000	0	0	36	12	58	00	0	550	63	0	0	9	0	1	46	//	+ 3	/	0.0	— 0.1	14.4	—
	Kakul * ...	000	0	4	18	03	98	03	2	542	70	0	0	9	3	0	51	73	000	0	5	27	03	98	03	0	542	63	1	0	9	3	7	49	52	—	—	0.0	—	32.9	—
	Landikotal * ...	000	0	6	31	05	98	03	0	583	68	6	7	6	/	/	54	72	000	0	6	36	02	98	03	0	594	61	6	7	6	/	/	12	52	—	—	0.0	—	13.0	29
	Prachinar * ...	000	0	4	00	00	99	03	1	556	67	3	5	6	3	0	51	70	000	0	6	00	00	58	03	0	562	52	3	5	6	7	0	43	50	+ 3	+ 9	0.2	—	21.8	12
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	553	78	0	0	9	0	0	49	80	000	0	0	05	05	59	00	0	519	65	0	0	9	0	0	47	58	—	—	0.0	0.0	2.0	11
	Wana * ...	000	0	7	16	02	98	03	2	550	80	5	2	7	0	0	68	65	000	0	0	10	00	99	00	0	546	56	0	0	9	0	0	46	50	—	—	0.0	—	—	11
Quetta	Fort Sandeman * ...	000	0	7	23	07	97	01	2	532	75	5	4	7	1	0	31	76	000	0	1	13	02	97	02	0	549	54	0	0	9	1	0	32	51	+ 2	+ 7	0.0	0.0	6.5	—
	Hindubagh * ...	000	0	8	23	03	94	02	0	500	69	8	2	5	0	0	44	70	003	0	8	00	00	55	03	0	541	48	0	0	8	6	0	15	33	—	—	0.0	—	08.5	9
	Loralai * ...	000	0	0	18	02	98	01	0	352	70	0	1	8	0	0	45	82	000	0	0	18	02	58	00	0	315	//	0	0	9	0	0	40	48	—	—	0.0	—	0.6	—
	Barkhan * ...	000	0	0	23	05	98	02	0	408	79	0	0	9	0	0	49	83	000	0	0	31	02	98	02	0	531	66	0	0	9	0	0	48	60	—	—	—	—	—	14
	Harnai * ...	000	0	0	00	00	96	02	0	526	77	0	0	9	0	0	41	76	000	0	0	00	00	96	02	0	495	//	0	0	9	0	0	78	//	—	—	0.0	—	5.7	9
	Samungli (Quetta) * ...	000	0	6	13	03	96	03	1	541	70	6	4	6	0	0	35	75	000	0	0	00	00	96	02	0	562	51	0	0	9	0	0	4	44	—	+ 8	0.0	0.0	3.1	8
	Chaman * ...	000	8	7	05	09	96	03	2	572	59	7	0	7	0	0	50	64	000	0	0	09	03	97	00	0	459	55	0	0	9	0	0	43	51	— 7	+ 6	0.0	0.0	4.8	—
	Nushki * ...	000	0	6	31	05	95	05	0	599	73	0	0	9	0	0	26	80	000	0	0	07	03	97	02	0	588	63	0	0	9	0	0	25	54	—	—	0.0	—	2.7	4
	Dalbandin * ...	000	0	6	05	03	97	03	0	558	74	6	0	7	0	0	42	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					7
Kalat	Kalat * ...	000	0	4	27	03	95	02	1	510	66	1	0	4	9	0	37	70	000	0	7	16	03	96	03	0	537	50	0	0	9	8	8	35	43	+ 5	+ 11	0.0	0.0	2.2	—
	Khuzdar * ...	000	0	4	13	02	97	02	0	531	76	4	8	6	C	0	36	79	000	0	0	09	00	96	02	0	538	57	0	0	9	0	0	41	54	—	—	—	—	—	5
	Panjgur * ...	000	0	1	36	03	56	08	0	542	78	1	1	7	0	0	48	81	000	0	0	05	03	96	02	0	528	60	0	0	9	0	0	45	57	+ 1	+ 9	0.0	—	0.2	—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 7th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR t_Rt_R$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Rotti	99 2 19	10 6 82	06 0 63	00 2 10	98 8 20	13 8 27	00 9 03	...	74 3 10		0/ / 21	12 8 08	30 2 02	02 5 02
Almashoora	99 2 65	10 5 74	06 0 03	41 0 06	99 0 11	15 7 27	43 6 00	32 6 10	...		05 3 22	...	31 6 01	...
Almahroosa	99 2 46	10 5 81	06 0 03	30 1 06	99 0 11	18 8 28	22 4 00	32 1 18	...		05 1 23	...	30 5 0	...
Rotti	99 2 33	10 6 74	06 0 63	03 6 08	98 0 20	17 4 27	00 9 00	...	74 0 10		0/ / 19	12 7 24	30 2 01	36 5 02
Bay of Bengal														
Rustom	97 1 53	19 9 01	06 0 02	06 0 05	91 0 24	97 1 31	09 / 88	43 / / 62	...		...	...		

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ ToToTo DoDo)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 244 08	...	435 140 11	171 090 03	590 041 57	764 135 59	976 203 27	253 521 //	434 659 //	...	...	...	...
Dacca ...	00 00	012 252 33	...	450 160 58	125 094 62	584 077 11	/// /// //	958 30/ 70	223 611 //	397 757 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	103 270 72	...	500 164 25	132 050 38	580 105 //	748 2[illegible] //	956 321 //	233 481 //	...	...	...	...	...
Multan ...	00 00	001 160 30		558 146 56	120 056 //	576 171 //	740 275 //	942 381 //	214 091 //	...	...	...	...	...
Peshawar ...	00 00	974 154 10	...	550 160 20	142 090 21	583 115 //	749 245 //	953 375 //	...	...	...	...	...	—
Quetta ...	00 00	825 117 57	...	/// /// //	146 062 //	584 069 //	754 139 //	962 330 //	...		...	...	...	...
Sargodha ...	00 00	999 190 40	...	450 160 58	170 010 40	578 160 //	743 260 //	946 380 //	218 500 //	403 563 //	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed $P_mP_mP_m$ $d_md_m f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 224 50	800 140 05	600 618 06	350 225 58	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 144 58	800 112 59	600 016 59	350 281 60	250 504 85	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 094 //	400 014 //	350 257 //	—	...	...	...	...	...	...	—	.
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisa ...	040 02	140 03	075 05	115 06	115 06	...	...	...	...
Bogra ...	035 08	050 08	065 10	040 09	—	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	015 04	015 05	035 04	145 08	145 13	105 07	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	060 06	090 09	100 11	120 10	—	—	...	...	...
Dacca ...	050 05	035 04	015 02	210 13	170 05	130 08	...	...	...
Dalbandin ...	...	...	045 16	065 11	085 11		...	...	...
D. I. Khan ...	140 04	085 03	035 03	075 03	025 03	050 05	...	...	...
Drosh ...	...	...	...	010 02	020 05	360 07	335 11	...	...
Fort Sandeman ...	..	..	...	225 10	225 07	190 07	...	...	...
Gilgit ...								...	...
Ishurdi ...	060 05	075 05	030 08	080 01	105 08	080 05	080 09	...	.
Jacobabad ...	035 03	095 04	105 06	110 06	130 09	145 13	200 25	225 38	240 33
Jessore ...	075 04	110 03	170 05	100 04	080 09	105 14	...	...	...
Jhelum ...	300 09	285 08	280 09	300 10	315 03	270 05	265 05	255 23	240 23
Jiwani ...	130 19	100 15	080 10	065 08	105 08	090 08	250 23	235 34	235 36
Karachi ...	060 06	330 01	360 03	070 05	060 10	040 10	200 09	225 17	225 22
Khanpur ...	005 07	010 04	060 02	140 06	170 14	250 08	205 14	215 13	220 12
Khuzdar ...	—	...	...	125 03	160 03	180 07	...		
Lahore ...	290 04	295 08	285 10	220 14	305 17	335 11	285 04	330 05	285 11
Multan ...	125 10	100 05	080 07	310 09	260 13	260 22	235 13	243 09	290 13
Nawab Shah ...	325 13	330 10	250 07	055 07	080 12	180 10	225 17	225 25	230 23
Nokkundi ...	...	..	105 01	130 05	160 06	180 10			
Panjgur ...		...	...	020 01	140 10	085 13	225 23	230 31	230 32
Peshawar ...	...	165 05	245 07	360 05	360 03	295 03	320 13	290 12	...
Parachinar ...	...	...	...	185 05	135 03	110 16	180 14	240 37	215 27
Quetta ...	...	...	.	...	175 08	235 02	...	...	.
Sargodha ...	...	...	...	...	...	...		...	.
Skardu ...	...	...			...	...	...	...	...
Sylhet ...	080 04	080 09	095 07	085 05	100 05	...	...	...	...
Veraval ...	...	...		...	...	.		...	...

At 0000 hrs. G.M.T.† of date (dd fff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisa ...	051 01	005 10	110 08	155 06	...	...
Bogra ...	090 07	105 08	130 07	105 09	075 05	055 09
Chaklala ...	...	025 01	320 06	350 17	270 07	235 01
Chhor ...	345 07	005 14	055 13	090 03	090 12	175 06
Chittagong ...	065 06	130 04	130 04	/// //	130 12	...
Cherat ...	...	...	...	...		
Cox's Bazar ...	135 06	140 11	160 09	135 09	135 12	130 15
Dacca ...	...	...	...	...		
Dalbandin ...			060 01	090 12	175 04	230 10
D. I. Khan ...	/// //	/// //	/// //	030 15	0//	270 17
Drosh ...	...	...	...	055 01	020 05	355 01
Fort Sandeman ...	...	...	...	054 04	010 06	260 07
Gilgit ...				305 03	120 02	195 01
Ishurdi ...	080 07	090 17	140 04	120 07	095 06	120 08
Jacobabad ...	340 05	310 04	270 04	230 09	205 10	285 09
Jessore ...	060 02	040 05	100 06	140 12	125 10	115 16
Jhelum ...	315 06	330 12	// //	285 05	305 10	...
Jiwani ...	350 04	165 05	145 04	055 10	050 07	215 07
Karachi ...	...			...		
Khanpur ...	110 06	125 08	140 09	115 01	205 06	250 19
Khuzdar ...	..					...
Lahore ...	230 02	245 12	250 16	055 02	250 15	300 06
Multan ...	220 03	260 05	270 07	015 02	245 06	220 08
Nawab Shah ...	...	...	...	...		...
Nokkundi ...	..	...	105 06	125 07	155 08	170 09
Panjgur ...	...			083 23	083 25	105 07
Peshawar ...	...	180 06	225 08	280 04	325 16	375 09
Parachinar ...	120 03	235 08	225 15	215 06	..	...
Quetta ...	...	...	..		...	...
Sargodha ...	..	...	...			.
Skardu ...	...	...		035 01	285 07	
Sylhet ...	095 14	100 08	110 08	140 04	215 04	345 01
Veraval ...	..	.		..	.	.

At 0600 hrs. G.M.T.† of date (dd fff)

Height in Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisa ...	030 02	075 03	120 06	135 10		...	..	.		...	—
Bogra ...	075 04	100 04	160 05	110 07	115 08	120 09	125 15	055 21	010 20	...	...
Chaklala ...	..	230 01	270 03	305 07	285 08	240 06	250 13	220 23	235 6		—
Chhor ...	110 12	110 14	070 12	060 09	060 07	160 11	200 12	190 23	2·0 20	240 39	
Chittagong ...	140 03	155 05	155 06	125 10	110 16	115 16	120 20	090 13	080 18	115 12	155 10
Cherat ...	..	...	...	.	—		...	—	...	...	..
Cox's Bazar ...	205 03	205 05	170 03	150 05	120 09	135 13	...	—	..	...	..
Dacca ...	150 02	150 02	145 05	120 04	075 15	085 12	305 10	...			
Dalbandin ...	...	—	170 07	125 02	170 15	200 13	215 22	215 35	230 41	215 51	225 64
D. I. Khan ...	...	...	...	..	..	...	...	.		...	...
Drosh ...	—	.	—	045 02	065 04	065 01			...	...	.
Fort Sandeman ...	...	...	—	285 02	250 03	055 04	060 11	025 06	320 03	200 12	215 23
Gilgit ...	..	...	.	..	.	...	...	..	...	...	
Ishurdi ...	.	..	...	.	.	..		.		..	
Jacobabad ...	305 02	345 06	245 04	245 06	220 12	250 15	155 08	185 13	205 18	240 37	230 57
Jessore ...	085 01	120 03	120 08	125 11	130 15	110 12				...	
Jhelum ...	340 04	320 07	350 09	330 14	300 22	310 18	305 13	280 19	270 20	235 23	230 49
Jiwani ...	145 07	155 06	190 07	185 20	...	...		...		...	..
Karachi ...	060 16	070 12	085 09	100 10	095 12	120 08	185 13	185 20	190 21	...	..
Khanpur ...	180 19	200 17	200 08	240 05	250 06	255 16	270 21	283 22	205 13	260 08	230 20
Khuzdar ...			...	280 02	230 02	175 07	215 09	220 14	235 21	265 23	275 32
Lahore ...	340 05	330 05	325 06	320 01	310 09	300 07	265 15	245 13	235 19	235 20	350 50
Multan ...	/// //	/// //	/// //	225 05	/// //	240 05	/// //	/// //	245 15	215 23	250 51
Nawab Shah ...	275 10	085 12	080 13	080 11	100 04	125 05	225 15	220 23	215 23	...	...
Nokkundi ...	...	.	070 02	235 10	315 06	...	...	..	...	.	...
Panjgur ...	...			230 02	175 15	...				...	...
Peshawar ...	...	360 02	290 02	285 07	305 07	170 14	235 23	210 23	215 23	..	...
Parachinar ...	...	...	...	...		265 07	215 17	235 18			...
Quetta ...	...	...			160 03		240 19	235 37	225 45	220 55	..
Sargodha ...	275 05	295 04	300 04	270 09	280 06	165 05	230 22	250 10	230 19	230 56	225 76
Skardu ...		...		265 0[illegible]	210 01	285 10	...	...	...		.
Sylhet ...	080 12	085 13	085 09	100 05	160 04	..	...	..	...	...	...
Veraval ...	...	...	...	..	...	.	.	...	..	...	.

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi .	205 02	045 02	045 03	045 04	045 08	045 10	085 23	220 25	155 22	185 37	220 96	235 39	...	...	...	...	...	..
Multan ...	260 04	270 04	330 02	055 02	230 02	300 06	250 16	250 33	250 35	...	.	...	...	...	—	...	...	
Peshawar ...																		
Quetta																		
Sargodha ...																		

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

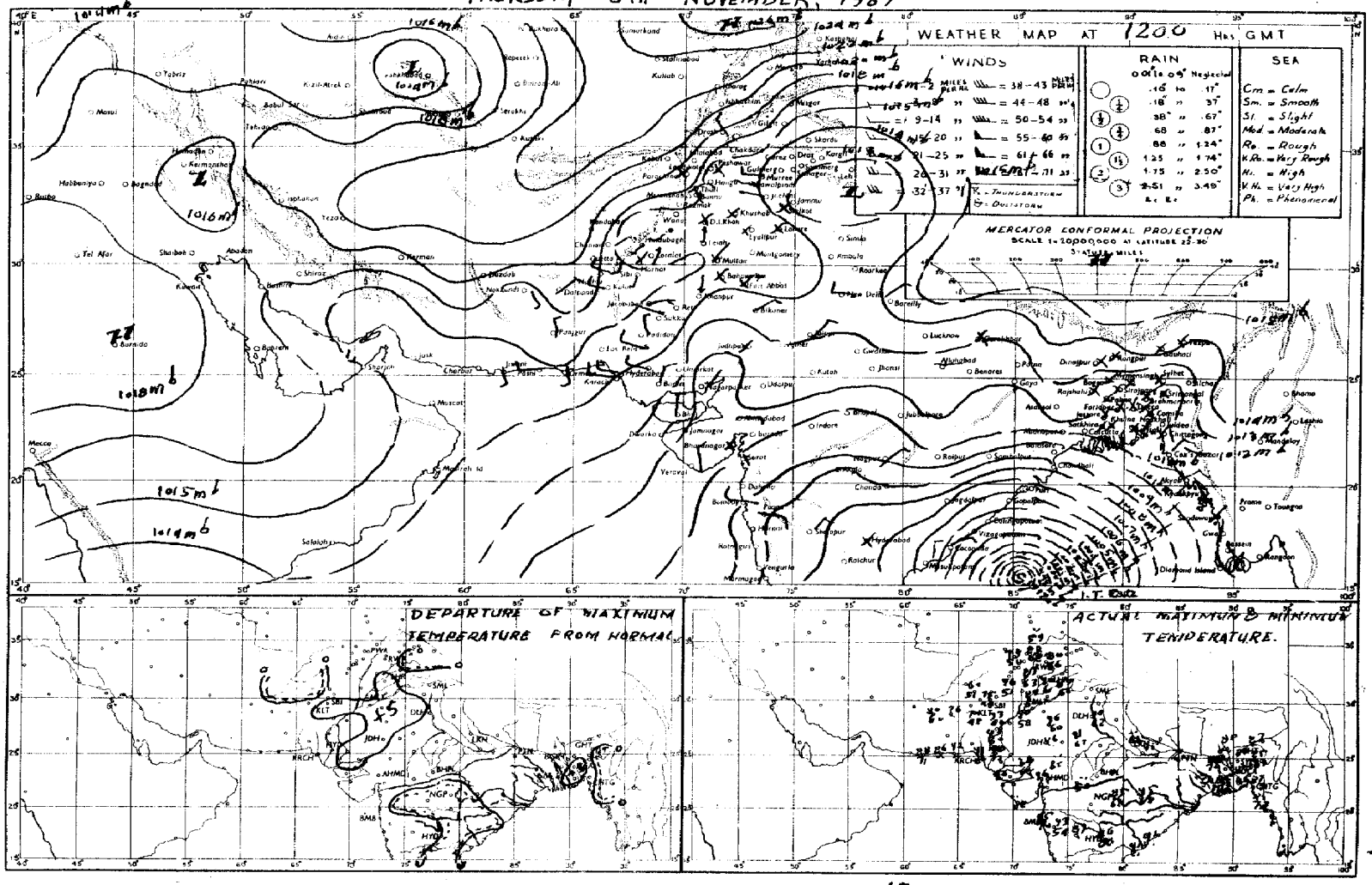
*PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights) Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "fff" omitted.

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

PAKISTAN DAILY WEATHER MAP

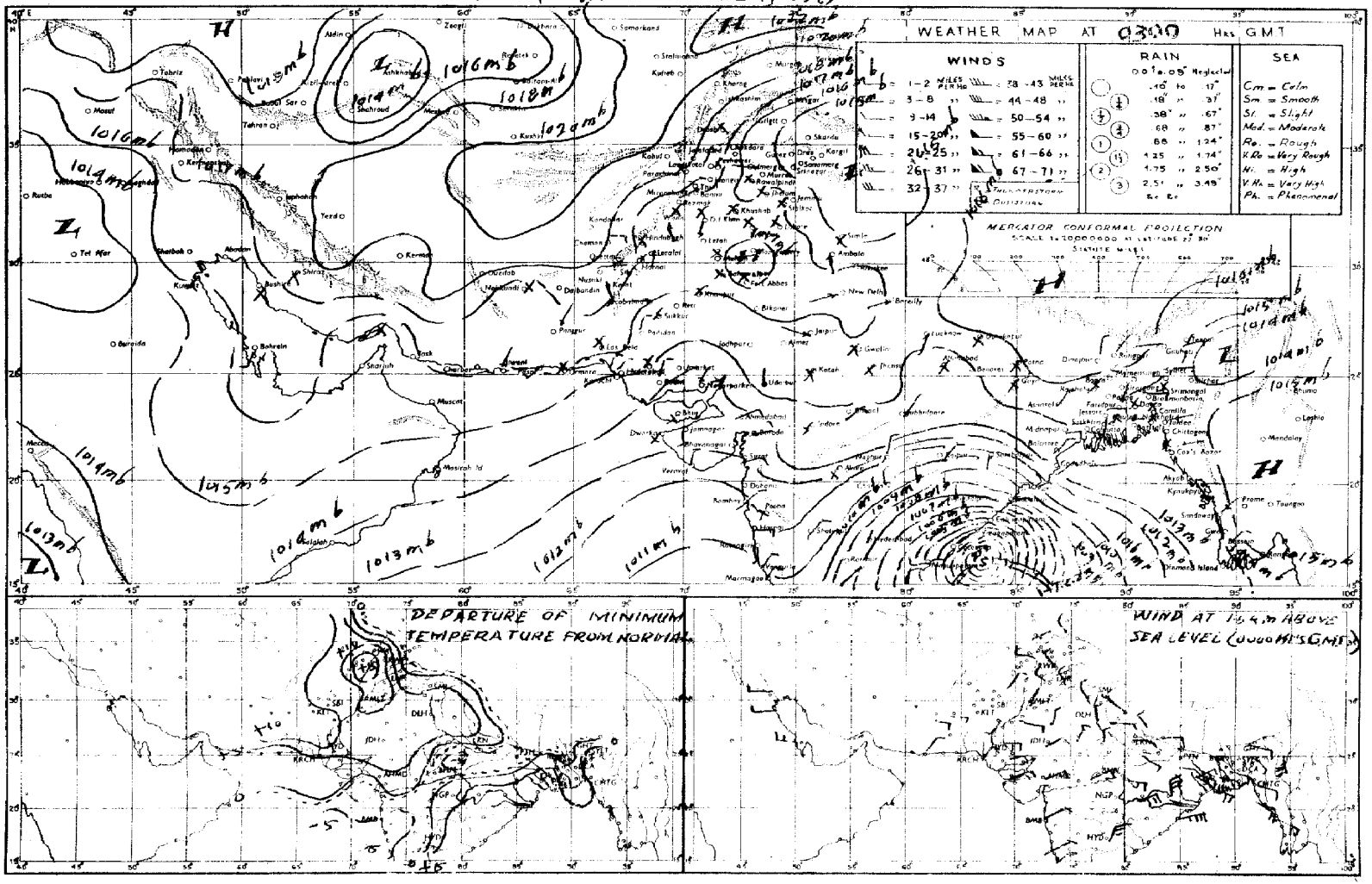
THURSDAY 6TH NOVEMBER, 1964



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 7th NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 8th NOVEMBER 1969.

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

Observations lacking but believe yesterday's severe cyclonic storm moved northwestwards and crossed north Andhra coast at about 07,1200 G.M.T. with centre near Kokinada. It than moved westnorthwestwards, weakened to a deep depression and lies centred at 08,0300 G.M.T. near Khammameth. It is likely to continue moving in the same direction and weaken. Yesterday's trough of low pressure over the northern division of west Pakistan persists. A western disturbance lies over central Iran. Thunderstorm/light showers have occurred at a few places in Khulna and Peshawar divisions, otherwise weather remained dry elsewhere in the country.

Night temperatures were 9—12 °F (6—7 °C) above normal in Lahore, Rawalpindi, Sargodha, Bahawalpur, D. I. Khan, Kalat, Hyderabad and Khairpur divisions and 3—8 °F (2—4 °C) so elsewhere in the country.

Forecast valid until the evening of 9th November 1969 :— Scattered rain/thundershowers are likely to occur in Khulna, Chittagong, D. I. Khan, Peshawar divisions and Kashmir. Weather will be dry elsewhere in the country.

Karachi-11
The 8th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati —	000	0	5	23	02	96	02	2	278	85	4	3	6	7	/	73	86
	Cox's Bazar ...	000	0	7	18	12	//	03	2	107	82	4	3	4	6	/	72	87
	Chittagong ...	000	0	7	00	00	//	02	2	115	82	...	...	...	...	...	72	90
	Maijdee Court ...																	
	Comilla ...	000	0	4	00	00	96	02	1	111	85	4	4	7	0	0	73	9?
	Brahmanbaria ...																	
	Sylhet ...	000	0	6	00	00	//	02	2	113	78	3	4	5	3	2	70	87
	Srimangal ...	000	0	0	00	00	//	02	0	099	76	0	0	9	0	0	70	85
Dacca	Mymensingh ...	000	0	4	00	00	//	01	2	120	80	4	4	5	0	0	68	85
	Narayanganj ...	000	0	8	03	01	//	01	1	110	86	8	6	3	/	/	70	86
	Dacca (Tezgaon) ...	000	0	7	00	00	96	03	2	107	82	5	0	9	3	/	70	87
	Faridpur ...	000	0	0	00	00	93	02	2	115	82	3	5	6	1	0	70	67
Khulna	Barisal ...	000	0	7	00	00	//	02	2	111	80	4	0	9	2	2	77	86
	Khulna ...	...	..	..	..	..	..	...	..	...	...	..	...	...	...	..	...	..
	Satkhira ...																	
	Jessore ...	000	0	6	18	03	97	02	2	113	82	1	1	6	3	8	72	90
Rajshahi	Pabna ...																	
	Sirajganj ...	000	0	4	36	01	//	02	2	...	...	...	...	...	...	...	...	...
	Rajshahi ...	000	0	2	36	02	95	01	1	121	81	1	5	5	2	0	72	86
	Bogra ...																	
	Dinajpur ...	000	3	3	00	00	//	01	1	113	82	3	0	9	2	/	70	85
	Rangpur ...	000	0	2	00	00	96	03	0	105	78	2	0	9	1	8	72	87
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	02	96	02	0	115	85	0	0	9	0	0	59	87
	Sialkot ...	000	0	0	00	00	97	00	0	111	76	0	0	9	0	0	86	91
Rawalpindi	Jhelum ...	000	0	0	31	02	97	02	0	110	80	0	0	9	0	0	56	91
	Islamabad ...																	
	Rawalpindi ...	000	0	0	27	02	99	00	0	115	73	0	0	9	0	0	56	80
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	98	00	0	198	87	0	0	9	0	0	76	91
	Sargodha ...	000	0	0	18	02	97	02	0	114	82	0	0	9	0	0	64	91
	Lyallpur ...	000	0	0	00	00	96	00	0	141	87	0	0	9	0	0	63	90
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	96	05	0	121	82	0	0	9	0	0	64	90
	Leiah ...																	
Bahawalpur	Khanpur —	000	0	0	00	00	97	02	0	118	90	0	0	9	0	0	63	93
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...	000	0	0	32	02	98	00	0	124	93	0	0	9	0	0	82	93
Peshawar	Chakdra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar ...	000	0	1	00	00	97	02	0	121	78	1	1	6	0	1	63	82
	Haripur ...	000	4	0	13	05	97	29	8	106	77	0	0	9	0	0	56	90
D. I. Khan	Bannu ...	000	0	2	13	01	99	01	1	120	80	0	0	9	2	0	60	86
	D. I. Khan ...	000	0	0	00	00	97	02	0	217	86	0	0	9	0	0	41	91
Quetta	Sibi ...	000	0	0	08	03	97	82	0	125	95	0	0	9	0	0	52	97
	Nokkundi ...	000	0	4	13	03	96	02	1	093	82	4	5	6	0	0	41	84
Kalat	Turbat ...	000	0	0	23	02	96	80	0	955	91	0	0	9	0	0	49	90
	Jiwani ...	000	0	0	27	09	96	01	0	124	83	0	0	9	0	0	77	84
	Pasni ...	800	0	0	25	08	95	02	0	138	90	0	0	0	0	0	57	43
Karachi division	Ormara ...	000	0	0	27	00	99	60	2	121	87	0	0	9	0	0	67	90
	Lasbela ...	000	0	0	00	00	98	00	0	109	99	0	0	8	0	0	59	01
	Karachi (Manora) ...	000	0	2	27	05	97	02	0	107	85	0	0	9	0	0	68	56
	Karachi (Airport) ...	000	0	0	27	05	96	02	0	110	91	0	0	9	0	0	56	98
Hyderabad	Nagarparker ...	000	0	0	05	02	50	00	2	159	94	0	0	0	0	0	//	01
	Chhor ...	000	0	0	09	02	96	02	0	097	96	0	0	9	0	0	41	99
	Hyderabad ...	000	0	0	31	03	97	02	0	110	91	0	0	9	0	0	59	95
	Badin ...	...	..	..	...	..	...	..	...	...	..	...	...	...	..	...	..	...
Khairpur	Padidan ...	000	0	0	36	03	96	02	0	113	99	0	0	9	0	0	53	94
	Nawabshah ...	000	0	0	31	03	96	02	0	116	92	0	0	9	0	0	62	97
	Sukkur ...	000	0	0	09	02	96	02	0	126	97	0	0	9	0	0	56	97
	Kashmore ...																	
	Jacobabad ...	000	0	0	27	02	97	02	0	118	99	0	0	9	0	0	59	94
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	00	00	98	00	0	576	60	0	0	9	0	0	43	68
Peshawar	Drosh * ...	000	0	5	51	05	98	02	0	551	91	3	2	7	3	0	43	68
	Cherat * ...	000	0	0	36	03	98	00	0	537	68	0	0	9	0	0	47	78
	Kakul * ...	000	0	0	18	02	98	02	1	523	70	0	0	9	0	0	54	76
	Landikotal * ...	000	0	0	36	02	98	02	6	624	72	0	0	9	0	0	63	77
	Parachinar * ...	000	0	2	13	05	98	02	0	533	67	2	1	6	0	0	43	73
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	588	80	0	0	9	0	0	49	82
	Wana * ...	000	0	0	00	00	99	00	0	505	73	0	0	9	0	9	54	77
Quetta	Fort Sandeman * ...	000	0	1	00	00	97	01	0	511	75	1	1	7	0	0	31	77
	Hindubagh * ...	000	0	8	23	00	94	03	0	449	72	8	0	7	7	0	43	73
	Loralai * ...	000	0	0	80	12	98	00	0	459	16	6	5	9	2	2	99	37
	Barkhan * ...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai * ...	000	0	0	00	00	96	02	0	489	80	0	0	0	0	0	37	82
	Samungli (Quetta) * ...	000	0	2	30	02	97	02	0	518	70	2	2	6	7	3	38	75
	Chaman * ...	000	0	0	31	03	97	00	0	528	71	0	0	9	0	0	45	75
	Nushki * ...	000	0	0	31	03	97	02	0	589	74	0	0	9	0	0	32	77
	Dalbandin * ...	000	0	6	00	00	97	03	1	519	81	1	0	9	4	2	44	83
Kalat	Kalat * ...	000	0	2	20	02	96	02	1	475	67	0	2	9	0	0	56	70
	Khuzdar * ...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...
	Panjgur * ...																	

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 konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	080	0	3	06	06	97	01	1	143	82	1	2	5	3	0	72	72
Chittagong	000	0	5	05	02	96	02	2	147	82	1	1	5	0	2	73	73
Maijdee Court																	
Comilla	000	0	0	00	00	96	02	0	149	81	0	0	9	0	0	72	72
Brahmanbaria																	
Sylhet	...	..	..	...	...		...		...	...	...	..	...	...	..	...	..
Srimangal	000	0	4	00	00	96	02	0	154	79	0	0	9	7	2	73	67
Mymensingh	000	0	4	00	00	96	02	2	154	79	4	4	5	0	0	72	70
Narayanganj	000	0	0	00	00	97	01	0	146	84	0	0	7	3	1	73	76
Dacca (Tezgaon)	000	0	4	00	00	97	01	2	144	81	0	0	4	0	/	73	72
Faridpur	000	0	2	00	04	97	01	1	143	82	2	0	9	0	8	73	70
Barisal	000	0	5	13	00	97	02	2	145	84	0	0	9	0	2	76	73
Khulna	000	0	0	00	00	97	00	0	144	84	0	0	9	0	0	76	76
Satkhira	003	0	2	13	02	97	01	1	143	82	2	0	9	1	0	76	72
Jessore	000	3	4	15	05	97	05	4	145	82	2	0	9	3	6	72	72
Pabna																	
Sirajganj	000	0	4	05	01	98	02	2	148	81	4	2	6	0	0	70	70
Rajshahi	000	0	4	05	02	96	03	1	152	81	2	5	6	2	0	70	72
Bogra	000	0	6	00	00	96	02	1	147	77	2	4	4	0	1	70	70
Dinajpur	000	0	0	36	02	96	00	0	156	76	0	0	9	0	0	59	65
Rangpur	000	0	1	00	00	96	01	0	165	77	/	0	[illegible]	..	0	70	67
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	143	70	0	0	9	0	0	58	67
Sialkot	000	0	0	00	00	92	00	0	150	72	0	0	9	0	0	//	49
Jhelum	000	0	0	00	00	96	02	0	141	63	0	0	9	0	0	56	58
Islamabad																	
Rawalpindi	000	0	0	00	00	97	00	0	148	58	0	0	9	0	0	56	56
Campbellpur																	
Khushab	000	0	0	00	00	97	00	0	135	63	0	0	9	0	0	32	61
Sargodha	000	0	0	00	02	95	04	0	136	67	0	0	9	0	0	59	59
Lyallpur	000	0	0	00	00	96	00	0	146	41	0	0	9	0	0	49	62
Sahiwal																	
Multan	000	0	0	00	00	56	04	0	142	67	0	0	9	0	0	61	58
Leiah																	
Khanpur	000	0	0	13	04	96	02	0	138	70	0	0	9	0	0	52	61
Bahawalpur	000	0	0	00	00	96	00	0	146	76	0	0	9	0	0	61	61
Fort Abbas	...	..	..	..	...	...	..	...	...	...	...	...	..	...	..	..	...
Chakdra	000	0	7	05	03	98	01	0	148	58	0	0	9	0	2	52	52
Peshawar	000	0	1	16	03	97	01	0	153	61	1	0	9	3	1	55	58
Haripur	000	0	0	05	03	57	00	0	153	69	0	0	9	0	0	56	56
Bannu	000	0	0	27	01	99	00	0	144	65	0	0	9	0	0	56	61
D. I. Khan	000	0	0	00	00	96	02	0	145	65	0	0	9	0	0	58	61
Sibi	000	0	0	18	03	97	02	0	150	57	0	0	9	0	0	52	66
Nokkundi	000	0	0	00	00	96	02	0	171	58	0	6	9	0	0	48	56
Turbat	000	0	0	13	02	96	00	0	004	67	0	0	9	0	0	48	//
Jiwani	...	..	..					..									
Pasni	000	0	0	23	04	97	02	0	142	69	0	0	9	0	0	64	//
Ormara	000	0	0	00	00	96	03	0	136	73	0	0	9	0	0	63	//
Lasbela	000	0	3	00	00	58	00	0	124	69	0	0	9	0	0	51	57
Karachi (Manora)	003	0	0	00	00	96	02	0	122	76	0	0	9	0	0	51	72
Karachi (Airport)	000	0	1	36	02	56	03	0	124	70	0	0	9	0	1	46	68
Nagarparker	000	..	..	...	..	...	...	..	...	...	...	..	...	..	...	—	...
Chhor	000	..	..	...	...	...	...	..	...	...	..	...	..	..	...	...	...
Hyderabad	000	0	0	36	02	97	02	0	133	75	0	0	9	0	0	53	72
Badin	000	0	0	36	03	97	02	0	113	67	0	0	9	0	0	55	65
Padidan	000	0	0	05	05	97	02	0	137	68	0	0	9	0	0	41	58
Nawabshah	000	0	0	00	00	//	02	0	137	74	0	0	9	0	0	55	63
Sukkur	000	0	0	13	02	95	05	4	138	73	0	0	9	0	0	58	63
Kashmore																	
Jacobabad	000	0	0	18	02	97	02	0	137	7	0	0	9	0	0	61	67
Veraval																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	0	0	27	03	98	00	0	525	56	0	0	9	0	0	34	50
Drosh	000	...	...	...	...	...	..	...	...	...	..	..	..	..	..	...	..
Cherat	000	0	0	36	13	98	00	0	533	63	0	0	9	0	0	43	//
Kakul	000	0	0	05	02	98	02	0	525	65	0	0	9	0	0	49	56
Landikotal	000	0	0	31	05	98	02	0	584	61	0	0	9	0	0	49	49
Parachinar	000	0	2	05	02	98	02	0	538	56	2	5	6	3	0	43	50
Miranshah	000	0	0	05	05	99	00	0	503	61	0	0	9	0	0	52	54
Wana	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...
Fort Sandeman	000	0	0	00	00	97	02	0	522	58	0	0	9	0	0	34	51
Hindubagh	000	0	0	00	00	97	02	0	520	56	0	0	9	0	0	36	37
Loralai	...	..	..	...	...	...	...	...	...	...	...	...	...	...	..	..	...
Barkhan	000	0	0	31	05	98	02	0	522	63	0	0	9	0	0	43	58
Harnai	000	0	0	00	00	96	02	0	495	61	0	0	9	0	0	38	//
Samungli (Quetta)	000	0	0	00	00	96	02	0	532	56	0	0	9	0	0	38	43
Chaman	000	0	0	09	03	96	00	0	527	55	0	0	9	0	0	45	51
Nushki	000	0	0	07	05	95	05	2	527	58	0	0	9	0	0	18	55
Dalbandin	000	0	0	02	05	97	02	1	533	57	0	0	9	0	0	47	54
Kalat	000	0	0	16	03	96	02	0	519	45	0	0	9	0	0	34	42
Khuzdar	000	0	0	00	00	96	02	0	518	59	0	0	9	0	0	35	55
Panjgur																	

Departure from Normal of / Rainfall

Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—					—
Cox's Bazar	+ 2	+ 2	0.1	— 1.9	91.3	140
Chittagong	+ 6	+ 5	0.0	— 1.5	104.5	108
Maijdee Court						115
Comilla	+ 6	+ 5	0.0	— 0.7	102.7	94
Brahmanbaria						70
Sylhet	—					—
Srimangal	— 3	+ 5	0.0	— 0.8	83.0	98
Mymensingh	+ 1	+ 3	0.0	— 0.5	77.3	91
Narayanganj	+ 1	+ 7	0.0	— 0.6	80.8	74
Dacca (Tezgaon)	—	0	0.0	—	84.6	—
Faridpur	+ 4	+ 3	0.0	— 0.6	56.8	71
Barisal	+ 2	+ 5	0.0	— 0.8	64.2	81
Khulna		— 10		— 0.5	73.2	68
Satkhira		— 7	0.0	— 0.4	61.6	65
Jessore	+ 6	+ 5	0.0	— 0.6	61.4	66
Pabna						59
Sirajganj	+ 7	+ 5	0.0	— 0.4	56.2	64
Rajshahi	+ 3	+ 5	0.0	— 0.2	67.4	—
Bogra		/	0.0	— 0.5	58.3	69
Dinajpur	+ 1	+ 2	0.0	— 0.1	95.7	72
Rangpur	+ 4	+ 1	0.0	— 0.2	86.0	84
Jammu						—
Lahore (Jail Rd.)	+ 1	+ 12	0.0	0.0	17.9	18
Sialkot	+ 7	— 3	0.0	0.0	11.5	32
Jhelum	—	—	0.0	—	31.2	—
Islamabad						—
Rawalpindi	0	+ 10	0.0	0.0	33.4	36
Campbellpur			0.0			—
Khushab	+ 6	+ 8	0.0	0.0	4.8	15
Sargodha	—	—	0.0	—	20.6	—
Lyallpur	+ 6	+ 12	0.0	0.0	7.7	12
Sahiwal						18
Multan	+ 4	+ 5	0.0	0.0	11.3	7
Leiah			0.0			8
Khanpur	+ 4	+ 9	0.0	0.0	1.1	6
Bahawalpur			0.0	0.0	2.0	6
Fort Abbas	—					8
Chakdra			0.0	—	23.2	—
Peshawar	+ 3	+ 17	0.0	0.0	14.3	11
Haripur	—	—	0.0	—	23.0	—
Bannu	—	—	0.0	—	4.5	11
D. I. Khan	—		0.0	0.0	6.0	9
Sibi	—		0.0	—	0.2	5
Nokkundi	—		0.0	—	0.3	2
Turbat	—	—	0.0	—	0.2	—
Jiwani	—			—		5
Pasni	+ 6	/	0.0	0.0	0.0	6
Ormara	—	/	0.0	0.0	0.6	6
Lasbela	—		0.0	—	0.6	8
Karachi (Manora)	+ 9	+ 3	0.0	— 0.1	1.1	8
Karachi (Airport)	—	—	0.0	—	1.5	—
Nagarparker	—		0.0			—
Chhor	—		0.0			7
Hyderabad	+ 4	+ 10	0.0	0.0	0.3	9
Badin	—	+ 3	0.0	0.0	0.3	—
Padidan	—	—	0.0	—	0.8	—
Nawabshah	—		0.0	—	1.1	4
Sukkur	—	—	0.0	—	0.0	—
Kashmore						4
Jacobabad	+ 5	+ 12	0.0	0.0	2.7	20
Veraval						26
HILL STATIONS						—
Srinagar						71
Gulmarg						26
Sonamarg						
Dras						3
Leh						6
Skardu						—
Misgar						—
Aliabad						5
Gilgit						59
Murree	+ 9	+ 7	0.0	— 0.1	40.1	18
Drosh	+ 3					29
Cherat	+ 7	/	0.0	— 0.1	14.4	—
Kakul	—	—	0.0	—	32.9	—
Landikotal	—	—	0.0	—	13.0	29
Parachinar	+ 6	— 9	0.2	—	21.8	13
Miranshah	—	—	0.0	—	2.0	11
Wana	—					11
Fort Sandeman	+ 2	+ 7	0.0	0.0	6.5	—
Hindubagh	—	—	0.0	—	5.9	9
Loralai	—					—
Barkhan		—	0.0	—	0.9	14
Harnai	—	—	0.1	—	5.7	9
Samungli (Quetta)	—	+ 7	0.0	0.0	3.1	8
Chaman	+ 4	+ 6	0.0	0.0	4.8	—
Nushki	—		0.0	—	2.6	4
Dalbandin	— 3	+ 9	0.0	0.0	.5	7
Kalat	+ 5	+ 10	0.0	0.0	2.2	—
Khuzdar	—	—	0.0	—	3.2	5
Panjgur						—

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 8th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYG G_{iw}	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	7RR t_Rt_d	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 236 10	...	490 154 10	123 050 33	571 295 16	74/ 293 57	945 331 56	222 541 //	...	...	...	...	...
Dacca ...	00 00	012 222 06	...	500 126 44	116 040 62	58/ 031 59	750 173 57	959 31/ 57	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	084 360 04	...	500 150 60	107 054 //	577 085 //	746 205 //	951 415 //	215 571 //	...	—	...	...	...
Multan ...	00 00	999 190 30		500 160 58	131 050 35	579 131 //	745 241 //	950 371 //	222 501 //	...	...	...	...	...
Peshawar ...	00 00	973 150 22	...	500 176 30	136 076 30	581 108 //	749 241 //	953 179 //	222 549 //	...	...	...	...	...
Quetta ...	00 00	823 183 59	...	...	123 010 //	573 201 //	734 17/ //	937 201 59	...	...	...	...	...	...
Sargodha ...	00 00	998 210 57	...	500 170 59	190 034 05	584 134 //	750 235 //	955 371 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 188 08	800 111 01	600 019 56	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 168 04	800 074 43	600 000 57	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	—	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 112 //	600 079 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisa ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	295 09	285 12	335 07	290 08	225 02	235 09	225 19	235 30
Chhor ...	055 07	065 11	070 08	035 05	085 07	155 12	180 12	185 19	225 22
Chittagong ...	230 04	225 05	195 07	150 13	140 11	110 07	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 12	180 11	180 12	150 12	150 10	—	...	...	...
Dacca ...	350 05	010 03	015 02	255 31	255 03	...	...	...	...
Dalbandin ...	...	...	045 03	145 04	150 08	175 14	195 31	215 47	220 37
D. I. Khan ...	130 03	110 04	290 03	115 02	220 02	105 01	275 11	250 17	245 15
Drosh ...	...	...	...	225 02	215 04	220 07	220 13	180 10	180 06
Fort Sandeman ...	...	...	...	310 02	220 04	230 08	225 21	235 35	235 47
Gilgit ...	...	...	...	120 02	125 02	120 11	170 07	195 15	225 23
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	265 03	205 04	240 04	265 06	180 03	210 11	225 04	220 33	215 37
Jessore ...	160 08	155 06	150 08	155 13	155 09	150 03	...	...	...
Jhelum ...	295 08	295 11	293 03	305 11	295 11	250 24	240 18	/// //	245 29
Jiwani ...	275 07	270 10	245 10	240 07	255 08	240 10	240 36	225 45	225 44
Karachi ...	200 04	145 04	095 05	060 08	115 07	165 09	205 19	205 20	220 20
Khanpur ...	240 12	265 12	265 12	355 06	300 13	275 02	340 13	/// //	150 14
Khuzdar ...	...	...	...	120 05	200 10	210 11	215 18	210 28	215 39
Lahore ...	315 07	300 08	300 10	325 10	325 17	330 10	335 04	225 10	260 12
Multan ...	150 03	180 02	200 03	355 04	165 01	095 14	260 12	231 17	240 23
Nawab Shah ...	290 04	305 03	315 02	085 05	075 07	170 13	210 20	215 27	210 30
Nokkundi ...	...	...	150 04	160 07	220 04	265 05	...	...	...
Panjgur ...	—	...	...	190 07	185 06	190 16	230 31	230 39	240 49
Peshawar ...	—	095 01	200 02	260 05	260 04	275 04	260 16	235 25	230 29
Parachinar ...	...	...	...	230 05	155 07	245 29	260 17	...	240 39
Quetta ...	...	...	...	...	155 02	230 06	...	...	...
Sargodha ...	280 05	280 04	285 06	320 09	315 05	275 10	250 20	245 26	250 44
Skerdu ...	...	...	...	225 06	/// //	...	...	...	...
Sylhet ...	245 02	250 03	340 02	250 03	240 05	...	...	—	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisa ...	012 37	140 06	090 06	120 10	125 12	115 08
Bogra ...	080 04	205 95	240 04	270 01	210 03	080 03
Chaklala ...	...	305 03	295 04	340 09	345 06	230 06
Chhor ...	080 20	080 18	075 07	045 11	015 06	200 10
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	040 04	045 08	065 07	115 06	105 07	111 12
Dacca ...	235 07	220 03	165 02	...	050 06	...
Dalbandin ...	...	...	075 18	140 12	235 12	195 21
D. I. Khan ...	060 60	040 07	020 06	335 06	305 03	260 02
Drosh ...	...	...	...	060 01	040 06	035 06
Fort Sandeman ...	...	...	...	160 02	210 06	145 12
Gilgit ...	...	...	...	270 05	280 03	085 01
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	015 04	270 37	290 02	230 05	235 14	225 11
Jessore ...	125 06	120 08	09/ 09	130 11	140 12	125 10
Jhelum ...	260 06	260 03	29/ 13	330 14	295 12	305 12
Jiwani ...	365 12	015 12	020 10	075 06	105 10	125 13
Karachi ...	...	...	...	...	...	...
Khanpur ...	185 90	195 15	/25 15	290 17	275 12	255 10
Khuzdar ...	...	...	...	160 07	090 09	095 01
Lahore ...	010 04	340 06	345 07	340 07	355 08	300 06
Multan ...	005 12	165 04	205 03	145 0/	100 03	005 01
Nawab Shah ...	...	360 12	015 10	075 05	090 10	155 13
Nokkundi ...	...	...	145 06	285 09	250 12	...
Panjgur ...	...	...	...	015 11	361 3/	350 21
Peshawar ...	...	005 05	285 06	230 24	340 03	300 05
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...
Sargodha ...	270 04	310 06	325 05	350 08	285 03	235 10
Skerdu ...	...	...	...	330 01	/// //	058 04
Sylhet ...	105 08	100 06	075 03	320 09	270 05	010 04
Veraval ...	...	...	...	...	...	...

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	125 03	110 03	100 06	085 10	100 10	140 07	110 09	—	...	...	...
Bogra ...	075 09	045 0/	105 03	115 05	107 87	...	...	...	...	...	...
Chaklala ...	...	245 01	315 02	275 06	240 06	240 07	180 07	190 23	190 26	...	...
Chhor ...	105 15	075 16	/// //	045 11	015 14	055 06	240 15	210 21	235 24	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	010 08	060 07	080 04	090 10	140 08	115 10	150 09	100 11	095 19	...	...
Dacca ...	005 04	030 05	055 03	070 06	145 07	220 04	100 05	140 05	...	...	...
Dalbandin ...	...	...	070 15	105 15	260 11	220 16	250 27	265 33	270 43	...	...
D. I. Khan ...	210 03	205 09	205 //	200 10	180 08	145 17	195 10	/// //	215 17	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	315 05	305 09	185 10	220 11	225 21	230 23	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	150 05	155 06	155 08	155 11	175 13	240 15	225 10	220 22	245 33	...	...
Jessore ...	125 07	110 09	105 11	085 13	080 15	140 08	125 15	...	...	...	...
Jhelum ...	250 //	250 01	275 02	320 06	300 09	320 06	200 05	195 11	200 18	...	...
Jiwani ...	280 13	275 09	265 03	185 04	235 04	275 11	280 14	261 71	265 21	...	...
Karachi ...	070 //	085 14	085 14	075 10	070 06	300 03	220 14	225 14	255 14	...	...
Khanpur ...	165 20	165 27	160 24	165 12	165 08	310 08	290 12	295 19	240 10	...	...
Khuzdar ...	...	...	...	360 02	185 03	240 04	260 07	270 10	255 22	...	—
Lahore ...	150 01	180 03	235 03	245 04	330 7/	330 08	170 04	205 10	205 15	—	...
Multan ...	210 07	195 07	195 05	195 08	175 15	165 08	220 12	205 02	205 25	...	...
Nawab Shah ...	105 12	095 11	095 10	095 08	020 05	355 03	220 19	225 28	245 30	...	...
Nokkundi ...	...	...	095 13	155 09	225 06	175 11	270 23	215 23	275 17	...	...
Panjgur ...	...	...	...	075 07	120 07	195 05	195 12	225 17	245 22	...	...
Peshawar ...	...	040 03	/20 04	310 07	200 05	019 00	200 18	205 23	200 34	...	...
Parachinar ...	...	...	...	165 07	135 07	—	195 07	...	...	...	...
Quetta ...	...	...	...	...	190 9/	195 15	225 27	220 32	230 40	...	...
Sargodha ...	255 06	260 08	255 05	250 02	350 01	245 03	195 14	195 56	210 35	...	...
Skerdu ...	...	...	...	075 05	/// //	140 03	255 05	715 09	190 09	...	...
Sylhet ...	085 03	080 01	/30 01	315 09	310 06	265 06	280 11	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.6
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	320 10	360 10	360 10	065 09	105 07	175 05	230 14	235 24	225 28	...	...	...	...	...	...	...	...	...
Multan ...	140 06	165 06	140 08	140 04	230 02	230 08	230 21	215 27	225 39	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

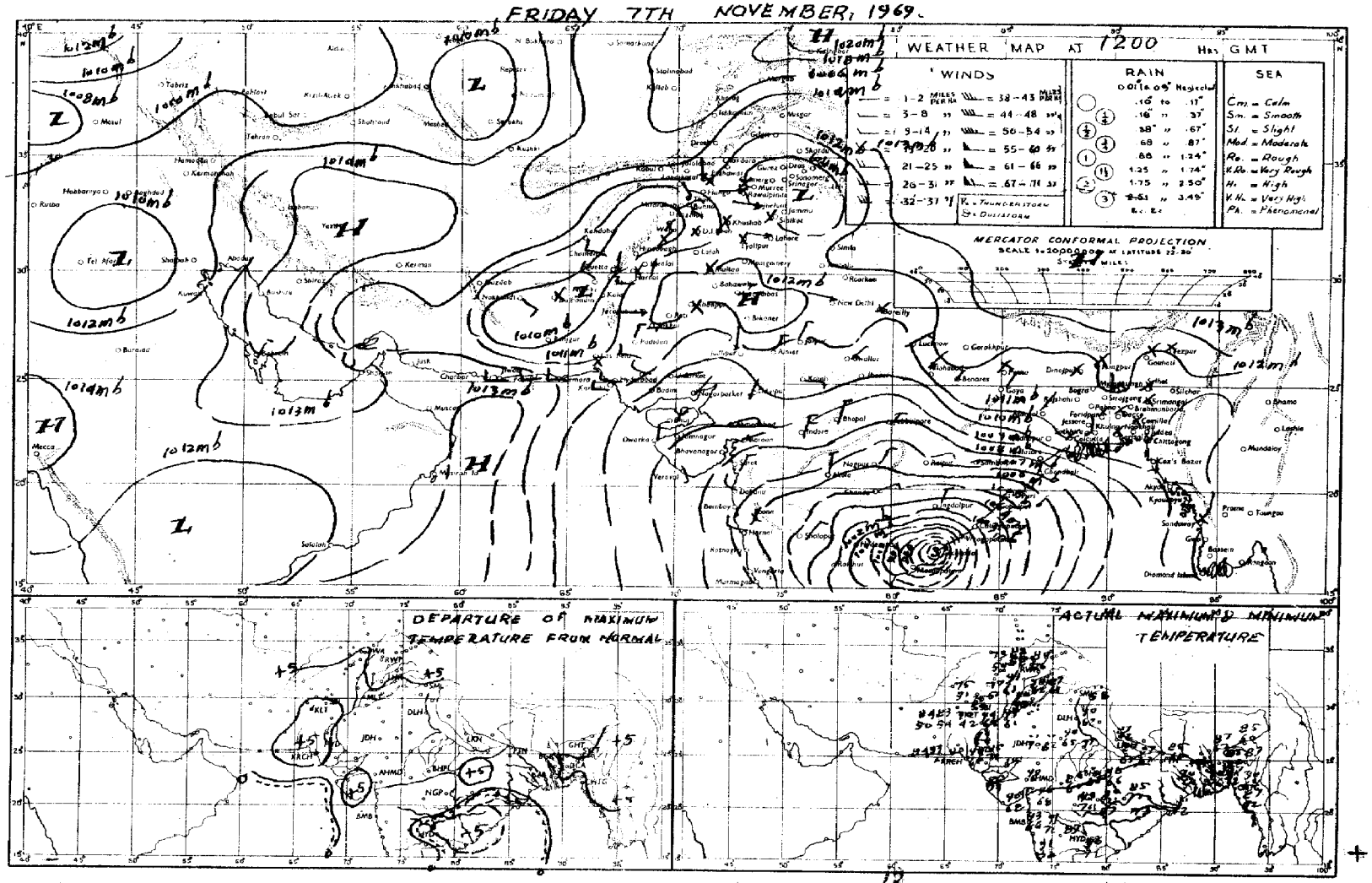
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

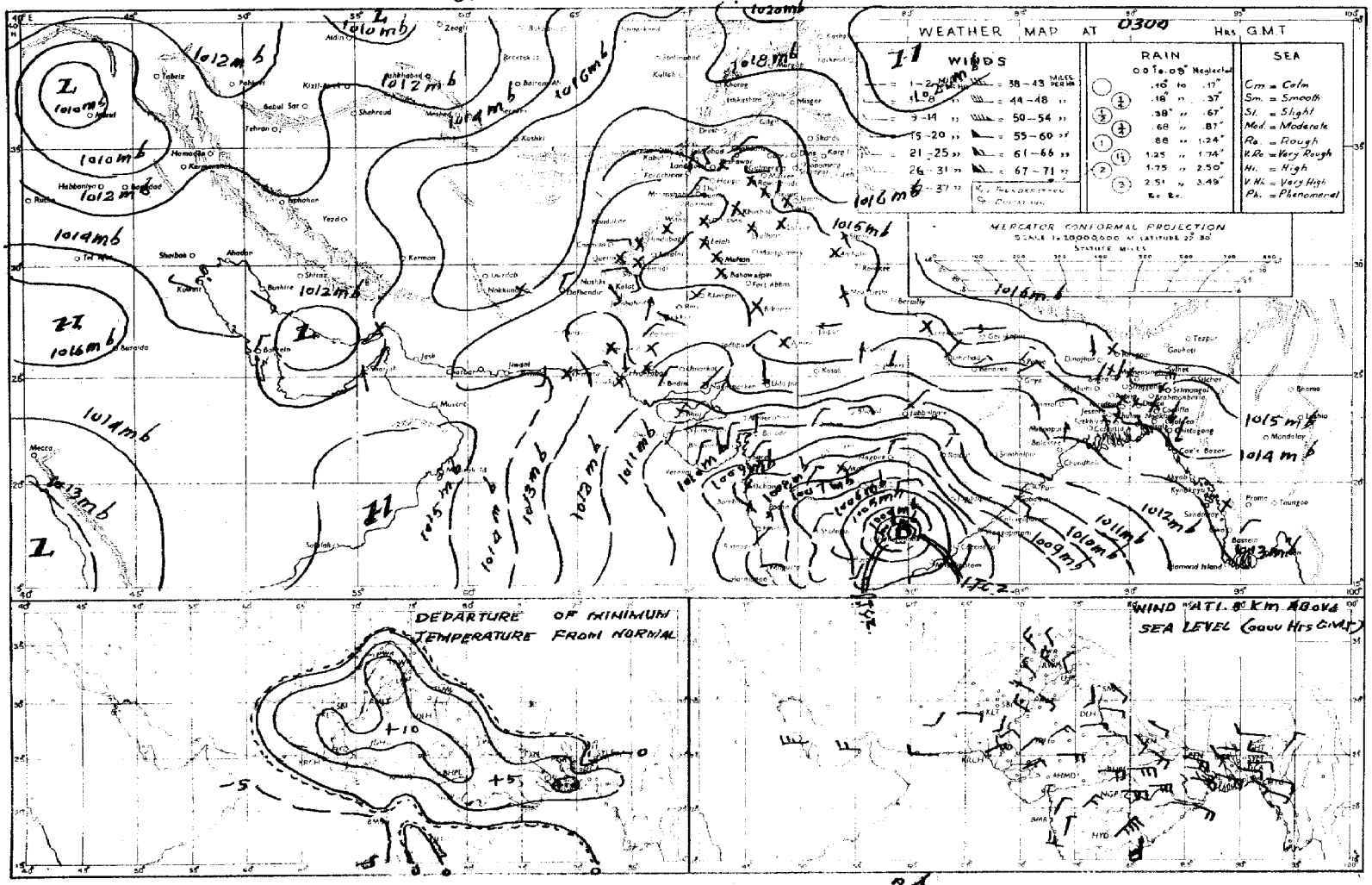
FRIDAY 7TH NOVEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 8TH NOVEMBER 1969



24

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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

● PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 9th NOVEMBER 1969.

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

Observations lacking but believe yesterday's depression moved northwestwards weakened to a depresssion centred at 08, 1200 G.M.T. about 20 miles southwest of BIDAR. It moved further northwestwards and now lies at 09,0300 with its centre Ahmadnagar. It is likely to move in a northnorthwesterly direction and weaken. A trough of low pressure extends over Chittagong division and adjoining areas. The thorugh of low pressure over the northern divisions of west Pakistan is moving away. Yesterday's western disturbance over central Iran now lies over east Iran and adjoining areas. Thunderstorm/light showers have occurred at a few places in Chittagong Khulna Rajshahi, Peshawar and Quetta divisions othewise dry weather prevailed over the country.

Night temperatures were 9—14 °F (5—8 °C) above normal in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan and Khairpur divisions were 3—8 °F (2—4 °C) so elsewhere in the country outside Dacca and Karachi divisions where these were nearly normal.

Forecast valid until the evening of 10th November 1969 :— Scattered rain/thundershowers may occur in Chittagong, Khulna divisions, a few thunderstorms are also likely to occur in Quetta, D. I. Khan, Peshawar divisions and Kashmir. Weather will be dry elsewhere in the country.

Karachi-11
The 9th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	05	03	96	01	0	104	84	2	3	7	0	0	73	88
	Cox's Bazar	000	0	0	27	06	//	01	1	105	82	1	2	5	3	0	73	88
	Chittagong	000	0	3	27	02	//	01	2	114	82	0	0	9	3	0	73	88
	Maijdee Court	000	0	0	00	00	//	00	0	094	84	0	0	9	0	0	73	88
	Comilla	000	0	0	00	00	96	02	0	103	88	0	0	9	0	0	72	90
	Brahmanbaria	000	0	4	00	00	//	03	1	105	82	0	0	9	0	5	76	90
	Sylhet	000	0	6	00	00	//	02	2	098	79	2	5	5	3	3	73	84
	Srimangal	000	0	0	00	00	//	00	0	102	76	0	0	9	0	0	72	88
Dacca	Mymensingh	000	0	0	00	00	//	03		102	84	0	6	6	0	0	72	84
	Narayanganj	000	0	4	05	02	96	0.	2	106	82	4	4	5	0		72	88
	Dacca (Tejgaon)	000	0	2	00	00	93	01	1	117	82	2	5	6	0	0	70	88
	Faridpur																	
Khulna	Barisal	000	0	0	00	00	//	02	2	107	81	2	1	5	0	9	77	88
	Khulna	000	0	0	00	00	57	00	0	101	87	0	2	9	0	0	77	91
	Satkhira	000	0	4	00	00	57	02	1	113	82	2	4	9	1	0	76	88
	Jessore	000	0	5	00	00	57	02	2	104	81	2	4	5	4	0	72	86
Rajshahi	Pabna	000	0	3	00	00	//	01	7	111	82	3	2	6	0	0	73	90
	Sirajganj	000	0	4	36	01	//	02		113	81	4	4	6	6	0	73	90
	Rajshahi	000	0	0	36	02	5	0/		112	82	2	4	5	0	8	73	88
	Bogra	003	0	4	00	00	//	01		103	81	4	0	9	2	1	68	84
	Dinajpur	000	0	2	00	00	96	01	0	107	79	9	0	9	0	0	72	68
	Rangpur																	
Kashmir	Jammu	000	0	0	00	00	96	05	0	10?	84	0	0	9	0	0	63	89
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	99	00	0	120	79	0	0	9	0	0	65	93
	Sialkot	000	0	0	00	00	97	02	0	114	62	0	0	9	0	0	61	88
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi	000	0	7	00	00	98	00	0	115	76	0	0	9	0	0	59	84
	Campbellpur																	
Sargodha	Khushab	000	0		00	00	98	00	0	102	84	0	0	9	0	0	72	88
	Sargodha	000	0	0	27	02	97	02	0	106	86	0	0	9	0	0	60	91
	Lyallpur	000	0	0	00	00	96	00	0	104	88	0	0	9	0	0	63	90
Multan	Sahiwal	000	0	0	00	00	97	02	0	105	85	0	0	9	0	0	60	91
	Multan	000	0	0	36	00	94	00	0	012	56	0	0	9	0	0	52	90
	Leiah																	96
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	///	//	/	/	/	/	/	//	95
	Bahawalpur	000	0	0	00	00	96	00	0	090	88	0	0	9	0	0	72	...
	Fort Abbas	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	0	36	02	98	02	0	089	77	0	0	0	0	0	56	81
	Peshawar	000	0	0	00	00	97	02	0	108	79	1	1	6	8	6	59	82
	Haripur	000	0	0	36	02	//	//	/	125	76	0	0	9	0	0	58	81
D. I. Khan	Bannu	000	0	3	02	01	99	02	1	144	81	3	2	7	0	0	61	84
	D. I. Khan	000	0	1	13	02	57	02	0	101	64	1	0	9	3	0	54	50
Quetta	Sibi	000	0	0	18	03	97	02	0	094	95	0	0	9	0	0	62	96
	Nokkundi	000	0	4	13	05	56	03	0	096	//	4	5	6	0	0	42	80
Kalat	Turbat	000	0	0	23	02	96	00	0	568	·7	0	0	5	0	0	48	92
	Jiwani	000	0	0	27	07	96	02	2	109	81	0	0	9	0	0	68	85
	Pasni	000	0	0	25	04	97	02	0	107	87	0	0	0	0	0	71	88
Karachi division	Ormara	000	0	0	27	09	57	02	0	104	82	0	0	9	0	0	75	92
	Lasbela	///	0	0	00	00	·8	00	0	091	99	0	0	8	0	0	62	02
	Karachi (Manora)	000	0	0	27	05	97	02	0	097	85	0	0	9	0	0	63	57
	Karachi (Airport)	000	0	0	27	02	56	02	0	080	53	0	0	9	0	0	55	57
Hyderabad	Nagarparker	000	0	0	05	02	57	02	2	139	53	0	0	0	0	0	65	93
	Chhor	080	0	0	05	05	96	02	0	080	73	0	0	9	0	0	41	58
	Hyderabad	000	0	0	31	03	97	02	0	009	91	0	0	9	0	0	51	57
	Badin	000	0	0	36	06	97	02	0	086	54	0	0	9	0	0	51	03
Khairpur	Padidan	000	0	0	01	02	57	02	0	096	50	0	0	9	0	0	50	53
	Nawabshah	800	0	0	31	03	56	02	0	095	92	0	0	9	0	0	53	95
	Sukkur	000	0	0	23	02	96	02	0	101	90	0	0	9	0	0	57	58
	Kashmore																	
	Jacobabad	000	0	0	23	03	97	02	0	099	90	0	0	9	0	0	61	93
Junagadh	Varaval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *	000	0	0	10	//	98	00	0	523	56	0	0	9	0	0	44	67
Rawalpindi	Murree *																	
Peshawar	Drosh *	000	0	0	36	01	·8	00	0	510	70	0	0	9	0	0	49	79
	Cherat *	000	0	3	18	03	·7	03	1	509	70	0	3	9	0	0	58	76
	Kakul *	000	0	4	31	05	·8	01	7	548	72	4	9	6	0	0	70	79
	Landikotal *	000	0	7	16	93	98	17	0	521	65	5	2	9	0	0	44	72
	Prachinar *	800	0	8	13	13	98	03	0	489	73	3	0	8	0	0	40	77
D.I. Khan	Miranshah *																	
	Wana *																	
Quetta	Fort Sandeman *	000	0	6	30	13	97	03	1	493	71	6	4	7	0	0	28	77
	Hindubagh *	000	0	2	03	03	94	03	0	478	74	7	2	5	0	0	44	76
	Loralai *	000	0	0	27	02	58	00	0	845	//	0	0	9	0	0	58	87
	Barkhan *	000	0	0	23	00	98	02	0	487	77	0	0	9	0	0	48	83
	Harnai *	000	0	0	80	00	96	02	0	465	97	0	0	9	0	0	57	94
	Samungli (Quetta) *	000	0	2	23	05	96	01	0	509	66	2	5	7	0	0	31	70
	Chaman *	000	0	0	36	03	57	00	0	518	68	0	0	9	0	0	48	68
	Nushki *	000	0	0	31	05	95	05	0	553	75	0	0	9	0	0	34	81
	Dalbandin *	000	0	0	00	00	97	02	1	516	77	0	0	9	0	0	39	//
Kalat	Kalat *	000	0	0	23	02	96	00	2	505	66	0	0	9	0	0	49	68
	Khuzdar *	000	0	0	27	02	97	02	0	507	78	0	0	9	0	0	//	//
	Panjgur *	000	0	1	00	00	96	03	0	505	81	0	0	9	0	1	42	85

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	080	0	3	00	00	97	03	0	140	82	3	1	5	2	1	76	76
	Cox's Bazar	000	7	6	09	02	96	02	6	143	82	5	0	9	3	1	76	76
	Chittagong	000		0	00	00	95	00	0	136	82	0	0	9	0	0	//	72
	Maijdee Court	000	0	0	00	00	96	02	0	130	81	0	0	9	0	0	72	71
	Comilla	..	..	..	..	..	..	..	..	...	..	...	...	...	..	..	...	...
	Brahmanbaria	...	..	..	...	...	..	..	..	..	...	..	.	...	..	..	..	—
	Sylhet	..	..	...	...	..	..	..	..	...	...	..	...	...	..	..	...	...
	Srimangal	000	0	4	00	00	97	01	1	156	77	2	4	5	2	0	72	68
Dacca	Mymensingh																	
	Narayanganj	000	0	7	00	00	96	05	0	145	8'	7	0	9	7	0	70	72
	Dacca (Tejgaon)	..	..	..	...	..	..	..	...	..	..	..	..	...	..	..	..	..
	Faridpur	000	0	4*	09	02	97	01	2	138	82	3	0	9	5	7	73	73
Khulna	Barisal	...	..	..	..	..		..	...	..	..				..	..	...	...
	Khulna	...	..	..														
	Satkhira	002	0	6	00	00	97	02	6	142	81	6	0	9	3	0	73	72
	Jessore	000	0	2	00	00	59	01	1	148	82	2	0	9	5	0	73	73
Rajshahi	Pabna	..	..	..	..	..	...	...	...	...	...	...	...	..	...	...	...	..
	Sirajganj																	
	Rajshahi	000	0	5	00	00	96	01	2	150	79	2	5	5	7	1	68	70
	Bogra	000	0	0	00	00	96	00	0	159	72	0	0	9	0	0	68	67
	Dinajpur				//	//	96	03	0	142	88	2	1	6	1	0	76	//
	Rangpur																	
Kashmir	Jammu	000	0	0	00	00	95	05	0	144	70	0	0	9	0	0	59	63
Lahore	Lahore (Jail Rd.)	...	..	...	...	...	...	...	.	..	...	...	...	...	...	..	...	—
	Sialkot	000	0	1	00	00	97	02	0	152	63	0	0	9	0	0	58	//
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi	000	0	3	00	00	98	00	0	115	66	0	0	9	0	0	56	58
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	140	68	0	0	9	0	0	58	63
	Sargodha	000	0	1	00	00	96	04	0	142	67	0	0	9	0	0	59	59
	Lyallpur	000	0	0	00	00	56	00	0	145	63	0	0	9	0	0	59	61
Multan	Sahiwal	000	0	0	00	00	97	02	0	147	65	0	0	9	0	0	56	65
	Multan	000	0	0	36	00	92	00	0	143	65	0	0	9	0	0	59	59
	Leiah	000	0	0	00	00	96	02	0	143	65	0	0	9	0	0	54	58
Bahawalpur	Khanpur	009	0	0	00	00	96	00	0	144	74	0	0	9	0	0	58	61
	Bahawalpur	000	0	0	00	00	58	00	0	128	76	0	0	9	0	0	70	70
	Fort Abbas																	
Peshawar	Chakdara	000	0	1	05	05	98	01	0	154	58	0	0	9	0	4	52	52
	Peshawar	000	0	1	00	00	98	01	0	160	63	0	0	9	3	1	52	61
	Haripur	000	0	0	05	03	57	03	2	178	65	5	0	9	3	0	36	58
D. I. Khan	Bannu	000	0	5	27	02	58	02	0	157	65	0	0	9	2	4	61	61
	D. I. Khan	000	0	1	03	00	96	01	0	155	63	1	0	9	3	0	52	63
Quetta	Sibi	000	0	0	18	03	97	02	0	145	66	0	0	9	0	0	42	65
	Nokkundi	008	0	0	00	00	96	02	0	131	62	0	0	9	0	0	34	57
Kalat	Turbat	000	0	0	09	02	96	00	0	488	71	0	0	9	0	0	53	//
	Jiwani	000	0	2	00	00	96	03	0	123	09	2	0	9	3	0	63	67
	Pasni	0.0	0	0	29	08	97	02	0	122	67	0	0	9	0	0	60	//
Karachi division	Ormara	000	0	0	00	00	96	02	0	122	69	0	0	9	0	0	47	//
	Lasbela																	
	Karachi (Manora)	000	0	0	05	03	96	03	0	117	75	0	0	9	0	0	58	56
	Karachi (Airport)	000	0	0	31	03	96	02	0	116	70	0	0	9	0	0	45	66
Hyderabad	Nagarparker	000	0	0	65	02	97	02	0	171	80	0	0	0	0	0	58	80
	Chhor																	
	Hyderabad	000	0	0	36	03	97	02	0	137	72	0	0	9	0	0	50	69
	Badin	000	0	0	36	02	97	02	0	101	64	0	0	9	0	0	51	63
Khairpur	Padidan	000	0	0	00	00	97	02	0	142	66	0	0	9	0	0	55	59
	Nawabshah	000	0	0	31	05	//	02	0	134	68	0	0	9	0	0	56	61
	Sukkur	000	0	0	05	03	15	05	4	135	70	0	0	9	0	0	56	68
	Kashmore																	
	Jacobabad	000	0	0	09	02	97	02	0	137	71	0	0	9	0	0	57	67
Junagadh	Varaval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *	000	0	6	23	02	97	02	1	540	52	4	5	4	5	0	36	47
Rawalpindi	Murree *	000	0	0	00	00	98	02	0	560	52	0	0	9	0	0	37	//
Peshawar	Drosh *	000	0	0	36	01	98	00	0	532	63	0	0	9	0	0	43	//
	Cherat *	000	0	0	30	02	98	01	0	529	63	0	0	9	0	0	45	56
	Kakul *	000	0	0	36	02	58	02	0	553	58	0	0	9	0	0	52	//
	Landikotal *	003	0	3	02	02	99	03	0	547	52	0	0	9	0	0	40	47
	Prachinar *	000	0	0	05	05	99	00	0	530	63	0	0	9	0	0	40	58
D.I. Khan	Miranshah *																	
	Wana *																	
Quetta	Fort Sandeman *	000	0	1	00	00	97	03	0	520	53	0	0	9	0	1	32	49
	Hindubagh *	000	0	0	27	03	97	02	0	534	52	0	0	9	0	0	55	32
	Loralai *	000	0	0	28	02	98	00	0	855	55	0	0	9	0	0	98	87
	Barkhan *	000	0	2	31	05	98	02	0	486	61	0	0	9	0	0	45	57
	Harnai *	000	0	0	00	00	96	02	0	498	69	0	0	0	0	0	//	//
	Samungli (Quetta) *	000	0	4	23	05	96	03	0	520	56	/	/	/	/	/	33	50
	Chaman *	000	0	0	09	03	96	00	0	527	55	0	0	9	0	0	45	51
	Nushki *	000	0	0	07	05	97	02	0	563	66	0	0	9	2	0	31	59
	Dalbandin *	000	0	2	05	02	97	03	1	499	57	2	0	9	0	0	35	54
Kalat	Kalat *	000	0	0	20	02	96	00	2	524	45	0	0	9	0	0	43	37
	Khuzdar *	000	0	0	05	02	96	02	0	498	57	0	0	9	0	0	41	54
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 co-date (39)	Departure from normal (40)	Since 1st January, 1969 co-date (41)	Annual Normal (42)
Chittagong	Rangamati	+ 8	—	0.1	— 2.0	91.3	140
	Cox's Bazar	+ 5	+ 9	0.1	— 1.2	104.5	108
	Chittagong	+ 4	— 4	0.0	— 1.2	128.2	115
	Maijdee Court	+ 5	+ 4	0.0	— 0.7	102.7	94
	Comilla	—					78
	Brahmanbaria	—					—
	Sylhet	0					98
	Srimangal		+ 1	0.0	— 0.5	77.3	91
Dacca	Mymensingh	— 1					74
	Narayanganj	—	—	0.0	—	64.6	—
	Dacca (Tejgaon)	+ 5					71
	Faridpur	+ 4	+ 5	0.0	— 1.0	64.2	81
Khulna	Barisal	+ 4					60
	Khulna	+ 2					65
	Satkhira	+ 8	+ 5	0.0	— 0.7	61.4	65
	Jessore	—	—	0.0	—	56.2	59
Rajshahi	Pabna	+ 7					64
	Sirajganj	+ 5					
	Rajshahi		+ 5	0.0	— 0.6	58.3	69
	Bogra	0	+ 4	0.0	— 0.1	95.7	72
	Dinajpur	+ 5		—	— 0.2	86.0	84
	Rangpur						—
Kashmir	Jammu	+ 3	+ 14	0.0	0.0	18.0	19
Lahore	Lahore (Jail Rd.)	+ 9					32
	Sialkot	—	/	0.0	—	31.2	—
Rawalpindi	Jhelum						—
	Islamabad						
	Rawalpindi	+ 4	+ 12	0.0	0.0	33.4	36
	Campbellpur						—
Sargodha	Khushab	+ 3	+ 10	0.0	0.0	4.8	18
	Sargodha	—	—	0.0	—	20.6	12
	Lyallpur	+ 6	+ 11	0.0	0.0	7.7	10
Multan	Sahiwal	+ 5	+ 12	0.0	0.0	11.3	7
	Multan	—	—	0.0	—	2.7	8
	Leiah	+ 7	+ 5	0.0	0.0	1.1	6
Bahawalpur	Khanpur	+ 8	+ 9	0.0	—	2.0	6
	Bahawalpur		—	0.0	—	0.8	8
	Fort Abbas						
Peshawar	Chakdara	—	—	0.0	—	23.2	—
	Peshawar	+ 3	+ 10	0.0	0.0	14.3	11
	Haripur	—	—	0.0	—	23.0	—
D. I. Khan	Bannu	—	—	0.0	—	4.5	11
	D. I. Khan	+ 5	+ 12	0.0	0.0	6.0	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—	—	0.0	—	0.3	2
Kalat	Turbat	—	/	—	—	0.2	—
	Jiwani	—	—	0.0	—	2.0	3
	Pasni	+ 1	/	0.0	0.0	0.0	6
Karachi division	Ormara	+ 5	0	0.0	0.0	0.6	6
	Lasbela						8
	Karachi (Manora)	+ 10	+ 1	0.0	— 0.1	1.1	8
	Karachi (Airport)	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	—	—	—	—	—	—
	Chhor						7
	Hyderabad	+ 6	—	0.0	0.0	0.3	9
	Badin	—	—	0.0	0.0	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	1.1	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	+ 3	+ 12	0.0	0.0	2.7	20
Junagadh	Varaval						26
	HILL STATIONS						
Kashmir	Srinagar *						71
	Gulmarg **						16
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						39
	Gilgit *	+ 8	+ 4	0.0	— 0.1	40.1	18
Rawalpindi	Murree *		—	0.0	—	15.0	29
Peshawar	Drosh *	+ 10	/	0.0	— 0.1	14.4	—
	Cherat *	—	—	0.0	—	32.8	—
	Kakul *	—	/	0.0	—	13.0	29
	Landikotal *	+ 5	— 6	0.2	—	21.8	13
	Prachinar *	—	—	0.0	— 0.0	2.0	11
D.I. Khan	Miranshah *						11
	Wana *						
Quetta	Fort Sandeman *	+ 2	+ 5	—	—	—	—
	Hindubagh *	—	—	—	—	—	9
	Loralai *	—	—	—	—	—	—
	Barkhan *	—	—	—	—	—	14
	Harnai *	—	/	0.1	—	5.4	9
	Samungli (Quetta) *	—	—	—	—	—	8
	Chaman *	— 3	+ 6	0.0	0.0	4.7	—
	Nushki *	—	—	—	—	2.6	4
	Dalbandin *	/	+ 9	0.8	0.0	.5	7
Kalat	Kalat *	— /	+ 5	0.0	0.0	2.2	—
	Khuzdar *	—	—	—	—	—	5
	Panjgur *						—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 9th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 250 04	...	573 170 10	249 096 33	577 057 56	763 325 11	970 317 29	252 537 //	...	...	...	...	...
Dacca ...	00 00	011 244 07	...	460 154 24	137 078 48	584 081 56	754 193 56	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	037 274 61	...	500 194 57	146 30 53	588 025 //	771 16? //	973 295 //	752 471 //	...	...	...	...	...
Multan ...	00 00	99/ 163 21	...	500 196 3/	138 050 45	580 115 10	746 245 //	952 347 //	225 525 //	...	...	...	...	...
Peshawar ...	00 00	973 162 47	...	500 163 06	064 039 57	/// /// //	740 21? 7/	946 385 //	214 567 //	...	...	...	...	...
Quetta ...	00 00	822 119 60	...	...	025 082 //	585 003 //	761 053 //	98/ 77/ //	...	...	...	...	...	...
Sargodha ...	00 00	998 230 55	...	450 170 57	186 030 20	583 134 //	750 235 //	955 371 //	224 541 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tP_tP_tT_tT_tT_t$	$d_td_tf_tf_tf_t$
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 03	900 190 12	800 138 14	600 030 35	350 231 83	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 184 16	820 114 3?	...	350 253 50	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 099 00	600 024 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisa ...	090 06	130 05	...	...	100 12	145 10	060 11	...	090 12
Bogra ...	360 07	345 03	230 03	130 11	145 10	220 09			
Chaklala ...		220 06	185 07	325 09	280 05	260 03	180 21	205 24	215 26
Chhor ...	030 14	010 13	010 12	015 1/	025 12	020 04	290 07	265 08	255 11
Chittagong ...	190 09	095 03	065 03	150 05	135 06	105 08	...		
Cherat ...				...	...			...	...
Cox's Bazar ...	140 06	230 06	195 06	140 05	130 06	135 14	...	...	...
Dacca ...	870 05	070 04	110 02	250 72	220 07				...
Dalbandin ...			045 02	045 03	300 20	290 12	250 23	255 22	255 30
D. I. Khan ...	160 08	145 10	140 13	145 17	170 06	180 07	215 97	230 19	230 2/
Drosh ...	...	...	...		...				...
Fort Sandeman ...			...	215 04	215 09	185 05	255 22	250 31	225 28
Gilgit ...	...	...	...	105 05	//5 01	200 01	200 02	140 07	150 08
Ishurdi ...									
Jacobabad ...	200 02	200 04	225 04	270 04	285 06	285 76	265 25	260 26	270 30
Jessore ...	085 05	085 06	140 04	183 06	140 86	150 07			
Jhelum ...	130 02	125 05	125 03	055 02	305 06	085 05	185 22	210 20	205 29
Jiwani ...	250 13	245 13	255 10	240 10	270 10	220 07	260 11	240 17	230 19
Karachi ...	255 06	200 01	050 04	050 08	050 10	045 12	330 06	275 09	255 17
Khanpur ...	290 03	310 03	310 04	265 03	230 07	260 06	295 08	157 2	210 17
Khuzdar ...				295 04	275 02	225 04	285 13	280 16	250 27
Lahore ...	3/0 03	300 03	290 04	320 02	355 04	005 04	205 11	170 14	220 58
Multan ...	161 05	200 05	235 04	210 10	235 12	220 07	220 24	243 28	245 51
Nawab Shah ...	350 04	350 05	350 05	065 05	010 07	335 03	255 17	355 15	250 18
Nokkundi ...	...		110 06	100 05	210 10	270 15			
Panjgur ...			...	240 08	225 15	185 06	255 13	250 17	225 15
Peshawar ...	...	055 08	065 09	135 11	171 1/	195 07	210 14	260 25	190 21
Parachinar ...	...	...	...	135 03	150 08		150 07	...	...
Quetta ...		...			210 11	235 18			
Sargodha ...	075 03	300 01	/50 02	260 06	200 04	200 10	220 19	225 25	225 33
Skardu ...				230 01	/// //	195 78	200 12	...	220 97
Sylhet ...	085 01	040 01	095 02	065 02	070 06	...	..	...	...
Veraval ...	...			..	...		..	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisa ...	090 10	090 07	085 08	/65 08	125 06	200 07
Bogra ...	055 05	265 04	310 08	290 04	180 06	...
Chaklala ...	...	330 03	325 06	345 09	325 0/	230 11
Chhor ...	060 24	064 30	060 1/	115 14	010 12	310 11
Chittagong ...	...	...	...	...	..	...
Cherat ...						
Cox's Bazar ...	...		...	...		
Dacca ...	010 12	005 08	030 06	045 02	160 04	140 04
Dalbandin ...	080 06	060 06	040 03	...	332 50	
D. I. Khan ...		...	075 09	125 08	200 09	205 13
Drosh ...	230 07	290 50	300 05	330 30	050 03	215 05
Fort Sandeman ...	...	..	...	060 01	105 07	020 01
Gilgit ...	...	...	...	055 02	045 05	210 06
Ishurdi ...	...		..	110 03	120 03	220 03
Jacobabad ...	030 4/	055 03	080 03	060 03	060 15	343 05
Jessore ...	190 04	130 03	110 09	105 09	015 09	2/5 06
Jhelum ...	335 04	340 07	345 05	350 16	330 10	330 12
Jiwani ...	325 12	320 09	350 04	120 02	360 07	3?5 20
Karachi ...	...					
Khanpur ...	010 10	010 12	020 10	360 6/	220 05	305 14
Khuzdar ...				200 00	150 02	170 13
Lahore ...	225 01	275 01	290 02	320 04		...
Multan ...	025 05	060 04	030 06	340 06	015 06	255 09
Nawab Shah ...	075 11	085 15	090 13	105 05	155 02	1/5 12
Nokkundi ...	...	...	100 05	130 06	150 07	185 09
Panjgur ...	...			150 02	150 10	215 12
Peshawar ...	...	295 08	010 04	010 05	340 06	225 11
Parachinar ...	..	...	...	220 04	075 04	...
Quetta ...	...	...	..			
Sargodha ...	335 05	29/ 03	285 04	020 04	025 06	025 05
Skardu ...		...		290 02	/// //	/40 04
Sylhet ...	110 17	120 11	045 07	...	..	...
Veraval ...	..	...	...	...	...	.

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	100 04	090 04	130 06	105 09	135 06	...	...	...	...	...	...
Bogra ...		...		...	...	...				...	...
Chaklala ...		245 03	285 03	300 17	310 42	265 29	165 62	220 14	220 21		...
Chhor ...	075 51	085 16	065 17	055 19	045 17	095 07	170 06	215 06	245 09		...
Chittagong ...	310 01	055 03	075 05	155 04	165 06	260 02	030 09	065 12	060 13	...	...
Cherat ...	...	...	...	...	...	...	...	...		...	...
Cox's Bazar ...										...	-
Dacca ...	305 05	305 01	/// //	110 07	165 07	115 04	060 13	045 12	035 15	...	-
Dalbandin ...	025 03	025 04	040 05	075 05	075 04	250 13	270 06	165 05	060 05	...	...
D. I. Khan ...	...		075 05	150 14	175 17	180 23	205 03	215 32	210 33	...	..
Drosh ...	290 06	29/ 05	29/ 03	240 68	190 8/	/16 68	130 02	240 74		..	...
Fort Sandeman ...	...	..	...						...	...	...
Gilgit ...	...	...	-	275 09	305 02	015 05	145 09	165 13	185 14	...	...
Ishurdi ...	..	...		..		...	...	...	...	...	-
Jacobabad ...	09? 16	115 23	119 17	115 12	140 10	085 08	305 05	185 14	295 15	...	-
Jessore ...	120 09	065 04	090 05	115 11	145 08	...				...	...
Jhelum ...	000 02	335 07	335 10	335 10	350 07	345 07	180 08	175 08	220 15	...	...
Jiwani ...	070 04	050 1/	005 10	240 01	315 07	295 07	260 25	260 27	255 32	...	...
Karachi ...	080 15	085 14	080 15	065 16	065 16	085 15	202 07	170 25	240 07	...	...
Khanpur ...	360 09	085 12	100 13	105 19	165 19	080 19	036 24	065 25	040 27	-	-
Khuzdar ...				...		...			...	-	...
Lahore ...	275 01	295 03	295 03	295 08	345 08	355 06	200 05	255 07	255 21	...	...
Multan ...	350 04	040 03	085 02	100 09	030 05	085 14	060 13	315 11	295 [illegible]		...
Nawab Shah ...	085 06	080 15	075 21	050 15	035 15	115 07	185 03	270 10	260 14		...
Nokkundi ...	...	.	110 10	120 14	175 15	165 20	1?5 19	235 24	240 27	...	...
Panjgur ...	...		...	175 11	175 18	210 10	240 12	230 20	240 25		...
Peshawar ...	...	060 03	280 04	320 05	265 01	130 02	2/5 04	255 12	275 14	..	...
Parachinar ...	..	...	...	110 08	210 03	240 18	185 09	..	235 21	...	...
Quetta ...	...	...			260 06	270 11	250 19		...	...	...
Sargodha ...	120 01	320 02	315 02	340 05	005 04	360 03	140 03	325 10	310 13	...	...
Skardu ...	...	...	..	090 01	/// //	180 10	185 03	/// //	195 13		..
Sylhet ...	...	-	...	...	...	-	...	...	...	...	...
Veraval ...	...	...	...	...	...		..	...	...	...	.

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	340 15	360 27	360 26	065 11	/75 10	205 12	160 10		255 12	...	...	...	...	...	...	...	..	...
Multan ...	081 2/	100 10	100 07	040 07	250 8/	340 06	260 10	280 12	283 3/	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

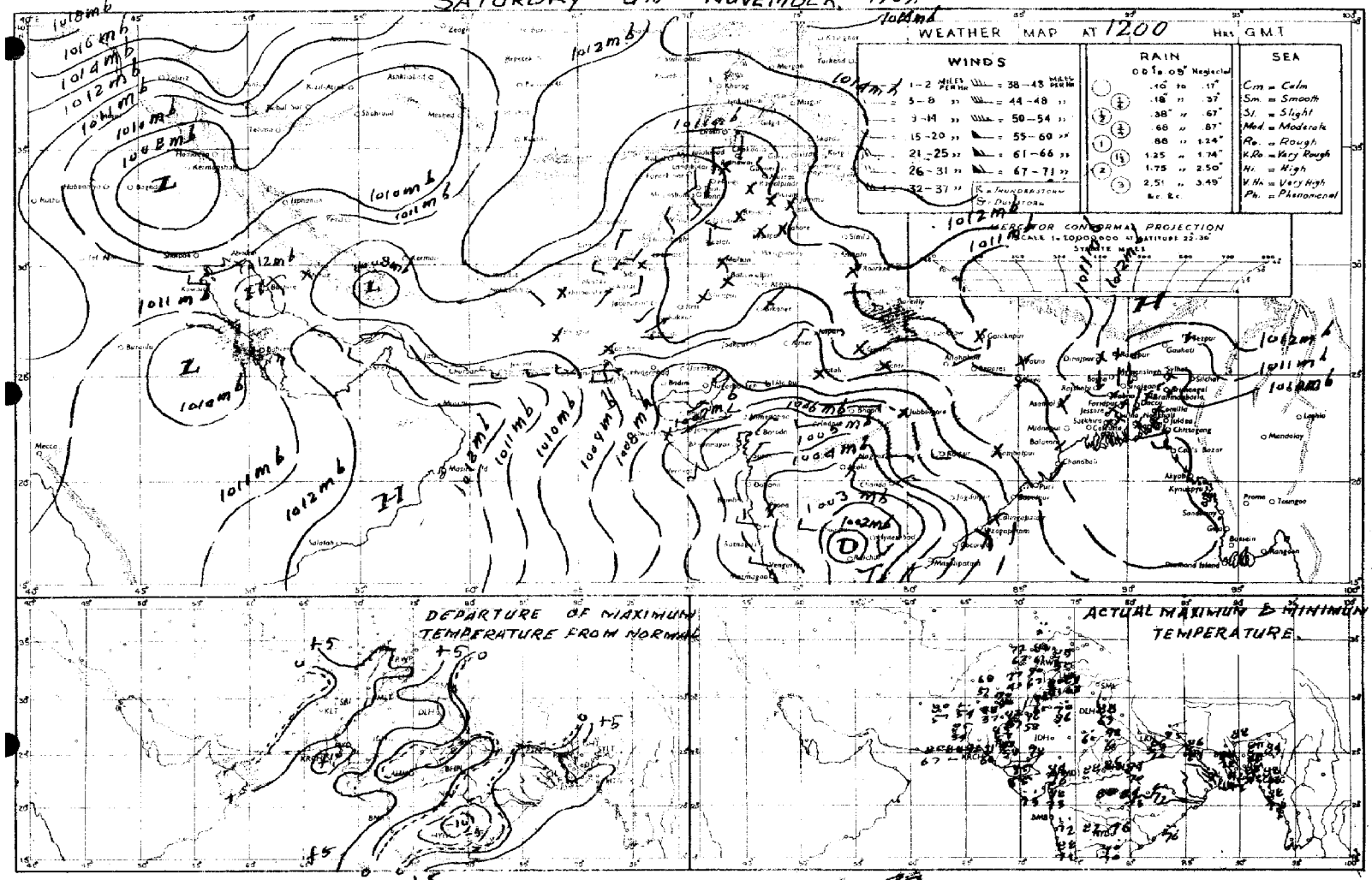
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

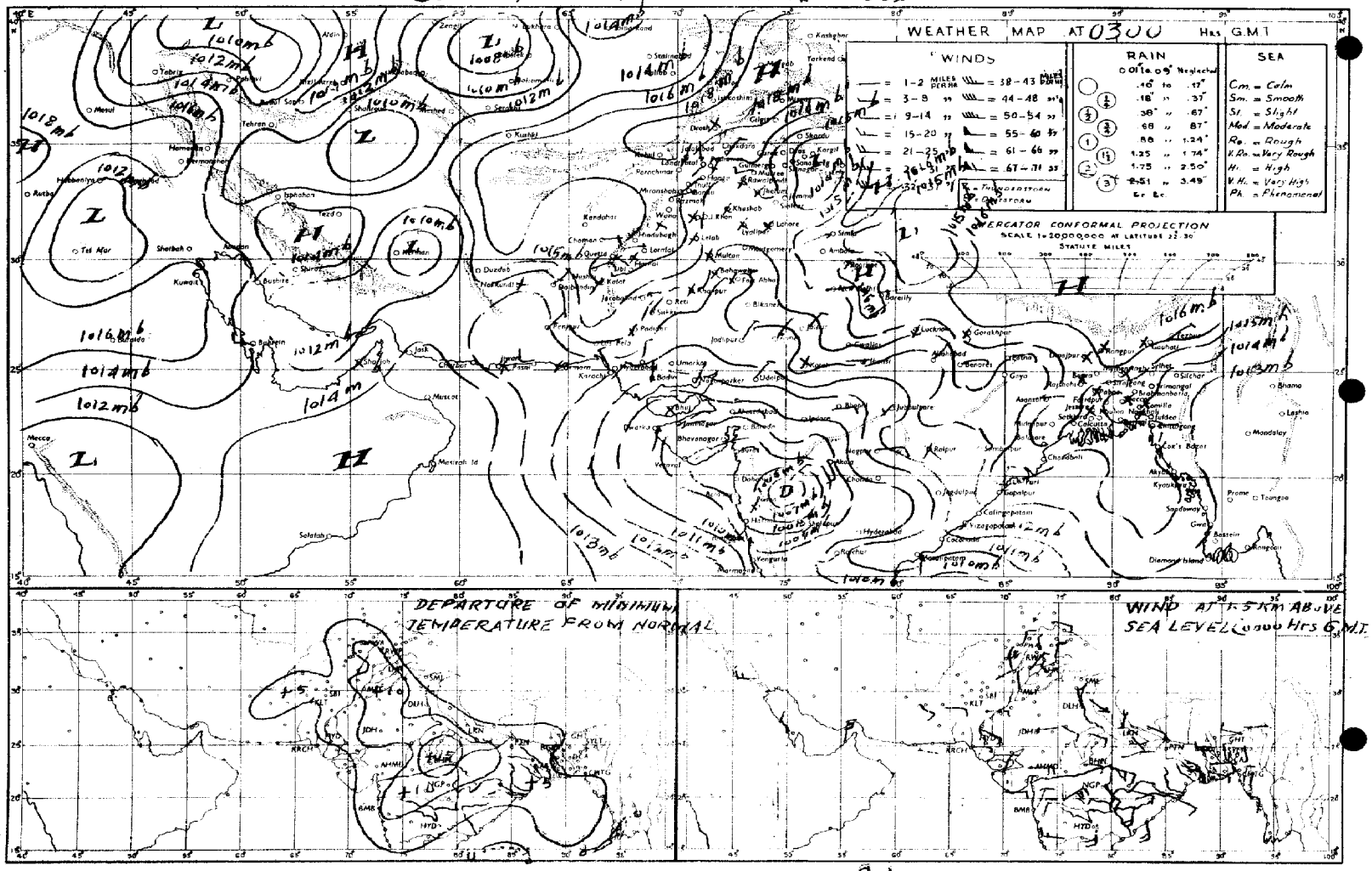
SATURDAY 8th NOVEMBER 1969.



Isobars are indicated in the above chart when it is 12 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 9th NOVEMBER 1969



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

PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th NOVEMBER 1969.

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

Yesterday's western disturbance over central and northern divisions of west Pakistan now moving across Kashmir and neighbourhood. the low pressure over Gujrat persists. Rain/thundershowers have been scattered in Peshawar and Kalat divisions. A few falls of light rain occurred in Khairpur division. The trough of low pressure area over west Bengal now lies over East Pakistan and adjoining Assam. Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong division and local in Dacca division. Light rain fell at a few places in Rajshahi division.

Chief amounts of rainfall are : Khulna 1", Sylhet and Jessore ¾" each, Rangamati, Maijdee Court, Srimangal and Barisal ½" each, Chittagong, Comilla, Narayanganj, Faridpur, Parachinar and Khuzdar ¼" each.

Night temperatures were 3—8 °F (2—4 °C) above normal in Dacca, Rajshah, Rawalpindi, Quetta, Kalat, Karachi and Hyderabad divisions and were 9—15 °F (5 - 8 °C) so in Chittagong, Khulna, Lahore, Sargodha, Multan, Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 14th November 1969 : — Rain/thundershowers will be scattered in Chittagong, Khulna, Dacca, Peshawar, Rawalpindi divisions and Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 13th November, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

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

DIVISIONS 1	STATIONS 2	Rainfall in Cents RRR 3	Past weather commenced at † Wc 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Winds speed in Knots ff 7	Horizontal visibility† VV 8	Present weather † ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths) ° PPP 11	Dry Bulb temperature ° TT 12	Amount of Lowest Clud † Nh 13	Low Cloud form † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud form † CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19
Chittagong	Rangamati ...	000	0	5	18	02	56	01	1	098	77	3	6	6	7	/	72	82
	Cox's Bazar ...	000	0	4	27	12	//	03	1	092	80	3	2	3	6	/	72	87
	Chittagong ...	012	7	7	23	01	//	02	6	094	80	5	7	3	2	0	72	84
	Maijdee Court ...	030	9	0	00	00	//	03	6	082	76	0	0	9	0	0	72	78
	Comilla ...	000	0	7	00	00	96	02	0	089	77	7	4	4	.	1	73	87
	Brahmanbaria ...	012	3	4	00	00	//	01	1	085	77	2	5	5	4	0	73	87
	Sylhet ...	075	9	8	00	00	//	02	6	084	72	5	5	4	2	/	72	73
	Srimangal ...	135	9	5	00	00	//	02	6	088	72	3	5	5	7	2	73	77
Dacca	Mymensingh ...																	
	Narayanganj ...	000	0	3	31	02	56	02	2	082	78	3	6	6	/	/	73	85
	Dacca (Tezgaon) ...	000	0	4	00	00	97	01	2	067	78	2	2	6	3	/	73	82
	Faridpur ...	...	..	..	...	...	...	..	..	...	...	..	..	..	..	..	...	..
Khulna	Barisal ...	055	6	7	23	02	//	02	2	078	77	5	4	5	2	0	76	85
	Khulna ...	..	..	..	...	..	..	...		...	...	..	..	..			...	
	Satkhira ...	000	0	4	00	00	57	02	1	066	80	4	3	5	0	0	76	85
	Jessore ...	005	8	6	00	00	57	01	6	085	80	6	0	9	7	0	76	82
Rajshahi	Pabna ...	000	6	0	03	00	//	02	1	086	77	0	0	9	0	0	73	82
	Sirajganj ...	005	3	4	00	00	//	02	2	07[illegible]	78	4	4	6	0	0	72	81
	Rajshahi ...	004	9	0	31	02	95	00	1	08[illegible]	76	0	0	9	0	0	72	80
	Bogra ...	000	6	4	00	00	//	01	2	080	76	3	4	4	3	0	70	80
	Dinajpur ...	...	..	..	...	...	...	..	.	..		..	..	...	...	...	...	..
	Rangpur ...	..	...	..	...	...	..	...	..	..	...	...	..	..	..	...	...	...
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	95	05	0	105	78	0	0	9	0	0	64	85
	Sialkot ...	000	0	0	00	00	97	00	0	108	66	0	0	9	0	0	70	91
Rawalpindi	Jhelum ...	000	0	0	31	02	57	02	1	106	72	1	7	0	0	0	54	85
	Islamabad ...																	
	Rawalpindi ...	000	0	0	27	02	58	00	0	115	70	0	0	9	0	0	56	76
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	3	00	//	57	01	2	107	80	0	0	9	3	0	70	87
	Sargodha ...	012	7	1	00	00	97	02	0	111	76	1	1	6	0	1	63	80
	Lyallpur ...	000	0	0	00	00	56	00	0	099	80	0	0	9	0	0	58	85
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	97	01	1	107	78	0	0	9	0	0	63	85
	Leiah ...	000	0	0	36	00	96	02	0	110	90	0	0	9	0	0	47	94
Bahawalpur	Khanpur ...	...	..	..	...	...	...	..	..	...	..		..	..		.	..	
	Bahawalpur ...	000	0	0	00	00	96	00	6	100	86	0	0	9	0	0	63	93
	Fort Abbas ...	///	0	0	05	02	98	00	2	123	67	0	0	9	0	0	68	87
Peshawar	Chakdra ...	000	0	2	36	02	98	03	1	097	68	1	8	1	3	0	51	70
	Peshawar ...	000	0	2	00	00	97	02	1	128	70	2	4	6	0	0	58	73
	Haripur ...	000	4	5	35	03	57	00	0	102	70	0	0	9	7	0	56	77
D. I. Khan	Bannu ...	000	0	2	09	02	58	01	1	117	72	0	0	9	0	0	56	73
	D. I. Khan ...	000	0	0	00	00	97	02	0	110	78	0	0	9	0	0	60	80
Quetta	Sibi ...	000	0	2	18	03	97	02	0	100	88	0	2	9	0	0	62	90
	Nokkundi ...	000	0	0	00	00	56	02	0	106	86	0	0	9	0	0	42	87
Kalat	Turbat ...	000	0	0	23	02	96	00	0	574	90	0	0	9	0	0	50	90
	Jiwani ...	000	0	0	23	09	56	01	0	104	8[illegible]	0	0	9	0	0	63	84
	Pasni ...	000	0	0	25	06	57	02	0	0[illegible]	84	0	0	9	0	0	69	89
Karachi division	Ormara ...	...	..	..	..	...	...	..	..	..	..	..	..	..		..	..	
	Lasbela ...																	
	Karachi (Manora) ...	000	0	0	27	05	57	02	0	096	81	0	0	9	0	0	71	86
	Karachi (Ariport) ...	000	0	1	27	03	56	01	0	095	87	1	6	5	0	0	77	94
Hyderabad	Nagarparker ...	...	..	...	...	...	..	..		..				..	...			..
	Chhor ...	000	0	0	00	00	96	02	0	084	91	0	0	9	0	0	56	96
	Hyderabad ...	000	0	2	31	02	97	03	0	053	88	2	0	9	0	0	54	94
	Badin ...	000	0	0	31	02	97	02	0	088	55	0	0	9	0	0	41	58
Khairpur	Padidan ...	000	0	0	36	03	57	02	0	044	86	0	0	9	0	0	52	89
	Nawabshah ...	000	0	0	00	00	56	02	0	058	87	0	0	9	0	0	65	92
	Sukkur ...	000	0	0	05	03	96	02	0	084	86	0	0	9	0	0	58	90
	Kashmore ...																	
	Jacobabad ...	000	0	1	13	02	97	01	0	016	66	1	0	9	5	0	57	89
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	3	05	05	58	01	1	498	50	3	1	4	0	0	43	51
Peshawar	Drosh * ...	...	..	..	..	...	..	...	..	..	...	..					...	..
	Cherat * ...	000	0	0	36	02	58	00	1	512	56	0	0	9	0	0	40	60
	Kakul * ...	002	5	1	31	05	58	01	6	506	6	0	0	5	2	0	49	63
	Landikotal * ...	000	0	4	05	05	98	01	4	102	56	3	2	6	0	0	43	60
	Parachinar * ...	000	0	3	16	93	//	02	0	502	56	3	2	6	0	0	43	60
D.I. Khan	Miranshah * ...	000	0	8	05	05	99	00	0	493	68	0	0	9	0	0	49	76
	Wana * ...	000	0	0	00	00	99	00	0	525	72	0	0	9	0	0	47	82
Quetta	Fort Sandeman * ...	000	0	4	36	02	97	02	0	484	67	4	4	7	0	0	31	69
	Hindubagh * ...	000	0	0	23	03	97	03	0	50[illegible]	62	8	2	5	0	0	36	67
	Loralai * ...	000	0	8	27	02	90	01	0	355	55	0	1	8	0	8	35	57
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	//	02	0	489	80	0	0	0	0	0	37	82
	Samungli (Quetta) * ...	000	0	4	27	07	96	40	5	492	61	4	6	6	9	0	32	66
	Chaman * ...	000	0	0	27	53	//	00	0	509	63	0	0	9	0	0	46	65
	Nushki * ...	000	0	0	31	05	97	02	0	548	71	0	0		0	0	25	79
	Dalbandin * ...	000	0	0	00	00	96	02	0	507	71	0	0	9	0	0	40	73
Kalat	Kalat * ...	000	0	4	30	03	95	02	1	471	57	0	4	9	0	0	30	62
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	..	...	..	..	..	..	...	..
	Panjgur * ...																	

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

DIVISIONS 1	STATIONS 2	Rainfall in Cents RRR 20	Past weather commenced at † Wc 21	Total cloud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in konts ff 24	Horizontal visibility † VV 25	Present weather † ww 26	Past Weather W 27	Sea level pressure (mbs. and tenths) ° PPP 28	Dry Bulb temperature TT 29	Amounts of Lowest Cloud † h 30	Low Cloud form † CL 31	Height of Lowest Cloud † h 32	Medium Cloud form † CM 33	High Cloud form † CH 34	Dewpoint temperature °F TdTd 35	Minimum temperature TnTn 36	Departure from Normal of Maximum temperature TxTx 37	Departure from Normal of Minimum Temperature TnTn 38	Rainfall Since 1st November, 1969 to-date 39	Departure from normal 40	Since 1st January, 1969 to-date 41	Annual Normal 42
Chittagong	Rangamati	050	5	3	18	02	58	01	6	120	77	2	4	6	2	0	73	73	—	—	1.0	—	101.8	—
	Cox's Bazar	000	0	4	13	08	96	01	1	127	84	3	4	4	3	0	53	73	+ 2	+ 5	0.1	— 2.2	91.3	140
	Chittagong	022	9	5	13	05	96	02	6	110	79	5	8	4	3	0	73	73	0	+ 6	1.0	— 0.5	105.4	108
	Maijdee Court	038	9	8	00	00	//	//	/	106	81	2	2	5	2	1	74	76	+ 5	+ 2	0.4	— 0.6	128.5	115
	Comilla	025	9	6	00	00	96	02	0	105	75	6	4	5	0	0	75	73	+ 2	+ 8	0.4	— 0.5	103.1	94
	Brahmanbaria	0[illegible]	0	7	00	00	56	03	1	110	75	7	5	3	0	0	75	73	—	—	0.0	— 0.2	53.8	78
	Sylhet	080	9	8	00	00	//	52	6	108	73	6	3	3	2	/	73	70	—	—	1.5	—	149.7	—
	Srimangal	065	9	9	00	00	56	02	6	079	77	5	8	5	7	2	73	72	— 10	— 11	0.6	— 0.4	83.0	98
Dacca	Mymensingh																							91
	Narayanganj	032	1	8	00	00	97	03	6	110	75	8	6	3		/	73	73	+ 1	+ 6	1.3	+ 0.6	82.1	74
	Dacca (Tezgaon)	003	9	7	00	00	96	01	0	110	75	4	9	4	7	0	73	73	—	—	1.3	—	66.0	—
	Faridpur	028	3	6	00	00	97	02	2	101	81	2	4	5	1	0	77	73		+ 8	1.6	+ 0.8	58.5	71
Khulna	Barisal	055	0	8	27	02	96	20	2	109	75	5	4	4		0	77	73	+ 2	+ 7	0.5	— 0.5	64.8	81
	Khulna	110	2	4	00	00	57	02	0	095	75	2	2	4	0	0	78	73		+ 8	1.4	+ 0.5	74.5	68
	Satkhira	0 5	1	4	13	01	97	03	5	113	81	4	4	5	0	0	73	73	0	+ 10	0.2	— 0.4	61.7	65
	Jessore	082	2	7	00	00	57	03	9	108	79	5	6	2		0	73	73	—	—	1.1	+ 0.4	72.5	65
Rajshahi	Pabna	000	0	2	13	02	99	03	0	113	75	2	2	6	0	0	77	73	—	—	1.0	—	66.3	59
	Sirajganj	005	9	0	00	00	58	00	1	100	75	0	8	9	0	0	68	69	—	—	0.4	— 0.2	61.6	64
	Rajshahi	000	0	1	18	02	97	01	1	118	75	1	5	5	0	0	69	69	— 2	+ 6	3.0	+ 1.6	70.3	—
	Bogra	000	0	2	00	00	56	02	0	107	75	2	4	5	0	0	69	68	— 2	+ 5	1.3	+ 0.6	59.6	69
	Dinajpur	000	0	0	00	00	96	00	0	808	75	0	0	9	0	5	64	64		+ 2	0.7	+ 0.6	56.5	72
	Rangpur	072	0	1	13	02	96	01	6	127	73	1	0	9	/	0	65	64		—	1.5	— 1.2	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	03	1	128	65	1	5	7	7	1	56	62	+ 1	+ 15	0.0	0.0	18.0	19
	Sialkot	000	0	0	00	00	99	00	0	135	60	0	0	9	0	0	69	45	+ 9	— 5	0.0	0.0	11.5	32
Rawalpindi	Jhelum	000	1	5	31	02	97	03	1	133	60	2	0	9	3	1	54	60	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	4	00	00	96	10	0	140	54	0	0	9	0	3	51	51	— 2	+ 7	0.2	+ 0.0	33.6	34
	Campbellpur																							—
Sargodha	Khushab	000	0	5	23	//	56	03	2	136	69	0	0	9	0	5	51	//	+ 3	/	0.0	0.0	7.8	15
	Sargodha	000	0	7	00	04	96	04	2	129	62	1	0	9	3	1	59	56	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	95	00	0	130	62	0	0	9	0	0	58	60	+ 3	+ 11	0.0	0.0	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	7	00	00	97	02	2	144	62	3	5	6	7	0	60	60	+ 1	+ 9	0.0	0.0	11.3	7
	Leiah	000	0	0	36	01	92	00	0	151	60	0	0	9	0	0	60	58	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur	000	0	6	36	03	56	03	1	132	65	2	5	6	7	0	56	60	/	+ 9	0.0	0.0	1.1	6
	Bahawalpur	000	0	1	00	00	95	00	0	146	69	0	0	9	0	0	60	64	+ 8	+ 13	0.0	0.0	2.0	6
	Fort Abbas	///	0	0	00	08	98	00	0	126	73	0	0	9	0	0	60	68	—	—	0.0	—	0.8	8
Peshawar	Chakdra	000	0	3	05	05	58	03	0	135	54	2	0	9	3	4	47	49	—	—	0.0	—	23.7	—
	Peshawar	000	0	5	18	07	57	03	2	145	//	1	5	6	0	1	50	//	— 4	/	0.5	+ 0.5	14.8	11
	Haripur	000	3	5	05	03	57	03	2	150	60	4	0	9	0	5	54	56	—	—	1.0		24.0	—
D. I. Khan	Bannu	000	0	4	31	02	58	//	0	134	58	3	2	7	6	0	54	56	—	—	0.3	—	4.7	11
	D. I. Khan	000	0	3	00	00	56	03	0	140	62	1	0	9	3	1	54	60	— 3	+ 1	0.0	— 0.1	6.0	9
Quetta	Sibi	000	0	0	27	03	97	02	0	///	65	0	0	9	0	0	57	64	—	—	0.0	—	0.2	5
	Nokkundi	008	0	3	00	00	56	03	0	185	58	3	5	8	0	0	27	51	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	56	00	0	028	73	0	0	9	0	0	38	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	0	36	03	56	02	0	129	68	0	0	9	0	0	63	//	—	/	0.0	—	2.0	5
	Pasni	000	0	0	23	06	57	02	0	130	66	0	0	0	0	0	64	//	+ 3	/	0.0	0.0	0.0	4
Karachi division	Ormara	000	0	0	00	00	56	02	0	127	72	0	0	9	0	0	71	//		/	0.0	0.0	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	0	00	00	56	02	0	120	75	0	0	9	0	0	70	72	0	+ 5	0.0	— 0.1	1.1	8
	Karachi (Ariport)	000	0	0	00	07	56	02	0	123	71	0	0	9	0	0	66	67	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	00	00	97	02	0	141	78	0	0	0	0	0	65	78		—	0.0	—	0.1	—
	Chhor	0 0	0	2	00	00	97	02	0	152	63	2	0	9	3	0	56	63	—	—	0.0	—	0.3	7
	Hyderabad	000	0	0	00	00	97	02	0	135	70	0	0	9	0	0	59	68	+ 4	+ 7	0.0	0.0	0.3	9
	Badin	000	0	0	31	03	56	02	0	121	65	0	0	9	0	0	61	67	+ 6	+ 7	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	2	31	05	97	03	0	126	69	2	2	7	0	0	57	64	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	31	03	56	02	0	135	69	0	0	9	0	0	59	63	—	—	0.0	—	1.1	4
	Sukkur	000	2	6	05	05	96	03	7	133	72	6	0	9	6	0	59	66	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	3	6	09	05	57	02	6	130	70	4	4	6	5	0	63	67	+ 2	+ 13	0.1	+ 0.1	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	6	13	03	97	02	1	504	47	4	5	5	0	0	33	43	— 7	+ 1	0.7	— 0.5	40.8	18
Peshawar	Drosh *	C0[illegible]	0	6	00	10	97	03	1	520	47	3	0	9	4	3	43	45	—	+ 1	0.1	—	15.6	29
	Cherat *	000	0	2	36	15	98	01	0	510	54	2	0	7	3	0	47	//	— 7	/	0.6	+ 0.5	15.0	—
	Kakul *	000	0	4	31	02	98	03	1	498	51	0	0	9	8	5	45	47	—	—	0.6	—	33.5	—
	Landikotal *	000	0	4	36	02	58	01	0	624	54	4	3	9	0	0	45	41	—	—	0.7	—	13.6	29
	Parachinar *	000	0	1	0[illegible]	00	98	01	6	514	45	1	0	9	4	3	40	41	— 6	+ 1	0.6	—	23.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	489	54	0	0	9	0	0	47	47	—	—	0.0	0.0	2.0	11
	Wana *	000	0	0	00	00	99	00	0	474	47	0	0	9	0	0	41	43	—	—	0.0	—	2.0	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	01	0	501	51	0	0	9	0	0	33	45	— 4	+ 3	0.0	—	—	—
	Hindubagh *	000	0	0	27	02	97	02	0	554	42	2	1	9	0	0	//	33	—	—	—	—	—	9
	Loralai *	000	0	0	27	02	98	00	0	350	48	0	0	9	0	0	32	45	—	—	0.1	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	489	62	0	0	0	0	0	31	/	—	/	0.0	— 0.1	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	578	46	0	0	9	0	0	37	43	—	—	—	—	—	8
	Chaman *	000	0	0	00	00	97	00	0	514	50	0	0	9	0	0	46	45	— 4	+ 2	0.0	0.0	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	572	47	0	0	9	0	0	//	46	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	0	05	09	96	02	0	5[illegible]7	51	0	0	9	0	0	29	49	— 6	+ 7	0.0	0.0	0.5	7
Kalat	Kalat *	000	0	2	16	02	96	01	5	510	39	0	2	9	0	0	35	35	— 2	+ 4	0.0	+ 0.0	2.2	—
	Khuzdar *	///	/	0	00	00	96	02	5	502	57	0	0	9	0	0	52	55	—	—	0.3	—	3.5	5
	Panjgur *																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_M$	D_sV_sa PP	7RR $t_Rt_Rt_R$	8$N_sCh_sh_s$	$OT_sT_sT_sT_d$	1$T_wT_wT_{wx}T$	3$P_wP_wH_wH_wd$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Tenacogvzdrrdo	99 1 10	10 5 46	12 0 63	10 9 06	99 8 30	14 1 85	23 4 00	53 1 04	...		0/ / 73	18 1 50	30 0 00	18 5 01
Mytile	99 1 76	10 5 70	12 0 03	09 9 02	98 0 20	09 8 27	00 1 00	44 / /1	...		00 3 21	..	3/ / /3	...
Dumra	99 2 18	10 6 91	12 0 63	03 1 05	98 0 20	13 3 28	...	...	73 2 18		00 1 24	..	30 2 01	28 6 02
Myteful	99 0 63	10 5 73	12 0 63	10 3 05	98 0 20	13 0 31	12 4 00	44 1 //	...		01 1 22		30 1 01	
Rottiphem	99 2 47	10 6 28	12 0 63	43 5 05	98 0 31	13 7 25	42 3 00	64 1 10	...		0/ / 21	12 7 68	26 1 01	8 5 02
Flying Fish	89 1 19	10 5 85	12 1 24	10 2 15	98 0 20	09 8 40	13 6 06	...	...		0/ / 24	12 7 05	..	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	006 238 09	...	400 146 21	092 054 56	579 067 59	739 181 58	947 331 57	218 541 //	...	...	...	...	...
Dacca ...	00 00	009 250 12	...	400 130 43	/08 074 37	583 063 58	755 261 //	964 032 95	237 529 //		...	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	808 240 32	...	430 164 39	...	572 185 11	736 285 //	936 405 //	207 523 //	...	...	...	...	...
Multan ...	00 00	998 160 30	...	580 465 65	109 050 //	572 155 //	739 241 66	945 321 66	...	...	...	...	...	...
Peshawar ...	00 00	972 132 53	...	500 112 50	062 002 50	566 175 //	730 295 //	930 403 //	199 509 //	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	997 210 56	...	450 160 58	166 020 30	580 135 //	746 251 //	951 381 //	220 531 //	...	...	...	...	..

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{tx}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	980 170 20	800 110 26	600 016 58	350 255 71	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 164 30	800 110 40	600 020 42	350 245 57	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 08	...	...	...	...	...	...	...	...	...	...	..	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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
Barisa ...	240 15	/60 10	2/0 10	310 14	300 20	280 20	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	270 04	275 04	280 04	360 02	010 03	160 02	280 21	250 16	250 24
Chittagong ...	225 13	225 13	225 15	320 15	230 19	...	...	...	...
Cheras ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	245 09	245 03	245 09	250 08	250 07	240 05	...	...	...
Dacca ...	285 04	270 08	265 09	270 10	...	...	...	...	...
Dalbandin ...	...	...	085 06	080 04	080 03	180 02	240 13	255 23	255 33
D. I. Khan ...	083 02	095 04	100 04	105 05	250 03	275 18	275 19	280 17	275 19
Drosh ...	...	...	...	225 04	235 06	210 11	...	...	...
Fort Sandeman ...	..	..	...	350 04	270 04	225 05	260 23	265 25	265 35
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 07	150 06	135 05	100 04	240 02	225 11	230 23	240 34	260 33
Jessore ...	280 08	180 09	275 12	280 16	300 24	270 21	...	...	...
Jhelum ...	295 05	290 11	200 06	290 07	265 09	1/ / 18	250 18	...	265 21
Jiwani ...	255 09	290 11	295 09	285 09	290 10	265 21	277 25	255 09	265 46
Karachi ...	250 15	255 11	255 08	240 06	250 07	255 15	260 22	255 31	240 33
Khanpur ...	005 06	005 06	005 06	005 04	260 07	315 16	265 39	260 23	...
Khuzdar ...	...	...	...	070 06	150 03	160 13	...	...	...
Lahore ...	310 04	300 05	100 06	315 07	340 10	285 10	270 10	260 13	260 20
Multan ...	050 04	060 04	070 04	340 03	290 13	275 17	260 35	253 40	245 36
Nawab Shah ...	355 03	300 02	305 04	273 11	360 12	250 11	245 25	240 26	250 26
Nokkundi ...	...	..	245 31	075 01	160 02	215 05	240 17	245 23	
Panjgur ...	...		...	...	...	...	...	...	
Peshawar ...	...	085 01	034 01	050 06	030 07	255 08	260 17	255 20	260 27
Parachinar ...	...	...	...	245 03	150 04	260 21	280 16	...	265 31
Quetta ...	...	...	...	...	285 08	265 08	240 15	250 32	250 35
Sargodha ...	320 06	310 04	305 09	240 06	265 10	250 12	245 19	260 20	255 16
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	115 10	115 07	130 06	...	...	...	...	...	...
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
Barisa ...	240 10	230 06	205 06	250 09	260 09	...
Bogra ...	325 05	305 08	305 08	320 08	315 10	...
Chaklala ...	...	280 01	010 02	335 05	355 02	300 05
Chhor ...	050 04	050 03	300 02	280 07	275 07	210 05
Chittagong ...	...	...	...	...	...	...
Cheras ...	...	...	...	...	...	...
Cox's Bazar ...	...	No	Ascent	...	...	...
Dacca ...	110 04	270 07	285 09	...	270 17	...
Dalbandin ...	...	...	075 11	100 21	150 15	215 16
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	255 62	210 03	215 01
Fort Sandeman ...	...	...	...	210 01	280 05	...
Gilgit ...	...	..	...	285 03	115 66	115 06
Ishurdi ...						
Jacobabad ...	320 10	325 10	340 09	185 03	130 03	...
Jessore ...	349 07	335 12	315 15	...	295 19	..
Jhelum ...	...	...	...	...	...	...
Jiwani ...	260 11	275 14	300 10	165 06	220 12	340 05
Karachi ...	...	...	...	...	...	...
Khanpur ...	360 13	010 02	020 12	133 14	295 08	265 05
Khuzdar ...	...	...	...	345 04	315 04	285 09
Lahore ...	330 07	325 15	320 13	280 13	285 11	275 10
Multan ...	095 05	090 03	205 01	260 05	270 08	270 76
Nawab Shah ...	365 07	360 06	265 04	145 10	180 11	185 12
Nokkundi ...	.	...	280 05	225 06	225 07	245 09
Panjgur ...	...					
Peshawar ...	...	320 06	330 05	340 05	360 03	275 04
Parachinar ...	...	...	...	.	...	...
Quetta ...	...					
Sargodha ...	345 10	300 08	290 10	275 07	285 10	285 14
Skardu ...	...	...	...	030 01	..	...
Sylhet ...	...	...	...	...	.	.
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	17	18	19	20	21	22	23	24	5	26	27
Barisa ...	205 07	225 13	255 14	295 10	285 11	...	...	...	...	...	...
Bogra ...	330 03	290 04	295 06	...	295 07						
Chaklala ...	...	210 03	245 11	015 07	215 04	245 07	245 11	235 15	250 25	...	...
Chhor ...	253 04	260 04	265 07	245 07	190 05	175 15	225 24	225 37	235 49	...	...
Chittagong ...	210 09	295 15	240 15	240 09	255 10	255 15	260 29	...	...	...	...
Cheras ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	150 09	170 04	250 03	260 02	265 05	...	...	...	...	...	...
Dacca ...	295 04	300 03	310 06	290 16	270 21	240 25	210 22	...	...	...	...
Dalbandin ...	...	...	070 11	065 14	080 10	290 05	285 16	260 22	265 24	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	110 03	120 04	145 05	270 05	220 13	...	...	...
Fort Sandeman ...	...	...	...	270 04	255 06	300 15	270 20	265 31	260 31	...	...
Gilgit ...	...	...	.	.	.	...	...	...	.	...	.
Ishurdi ...											
Jacobabad ...	140 05	250 08	255 08	275 12	255 09	230 10	245 12	...	...	...	...
Jessore ...	345 06	345 07	355 08	005 06	030 04						
Jhelum ...	305 10	340 12	320 13	320 11	270 14	250 12	265 22	265 19	260 17	...	...
Jiwani ...	045 11	045 12	065 10	060 08	085 06	070 07	260 26	260 27	265 35	...	...
Karachi ...	290 06	270 08	270 09	260 07	250 07	228 10	270 17	260 29	230 52	...	...
Khanpur ...	020 23	350 7/	010 41	085 08	310 03	270 11					
Khuzdar ...	...	...	...	345 03	015 07	255 08	265 20	250 33	255 27	250 32	260 40
Lahore ...	305 03	290 04	290 05	280 11	280 13	275 12	295 14	235 19	280 20	...	...
Multan ...	225 10	205 08	/// //	245 09	280 06	...	...	...	...	...	...
Nawab Shah ...	040 11	355 10	335 08	225 08	220 03	240 12	265 25	255 44	...	...	...
Nokkundi ...	...	...	090 04	130 03	120 03	210 02	230 06	330 01	245 09	.	
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	275 07	185 02	265 08	255 70	...	255 24	...	...
Quetta ...	...	...	...	...	320 03	295 09	290 26	255 25	...	...	...
Sargodha ...	340 06	325 03	625 07	260 11	265 10	260 13	/65 16	260 12	270 25	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	005 02	260 10	265 09	270 12	...	...	...	...	...	.	...
Veraval ...	...	...	...	...	...	.	.	...	...	...	.

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	305 12	305 16	290 18	245 10	245 10	245 12	245 24	250 34	204 1/	...	...	...	...	...	...	...	...	..
Multan ...	290 02	270 06	135 08	250 10	250 12	270 13	290 12	305 23	305 03	...	.	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

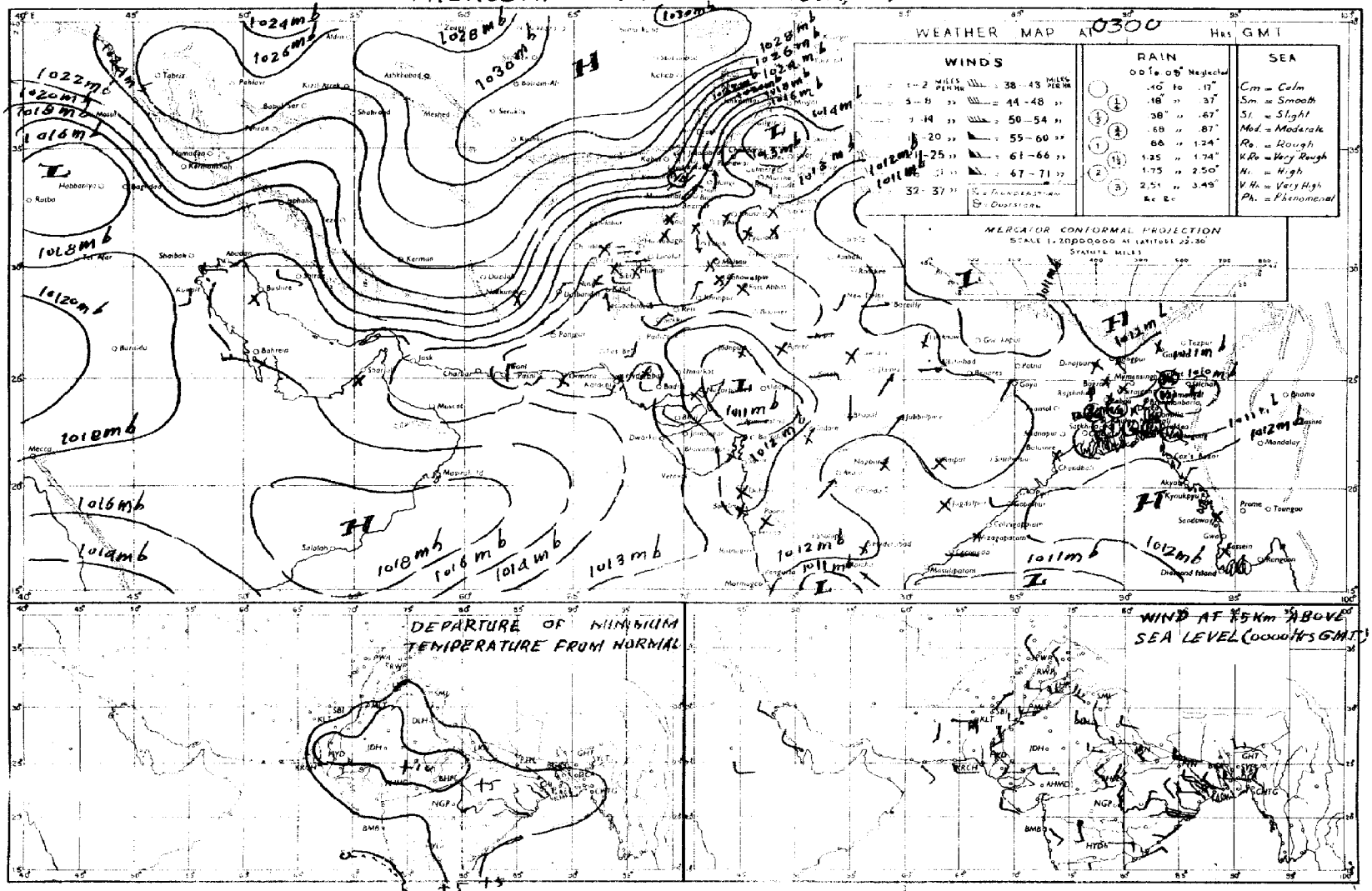
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

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

PAKISTAN DAILY WEATHER MAP

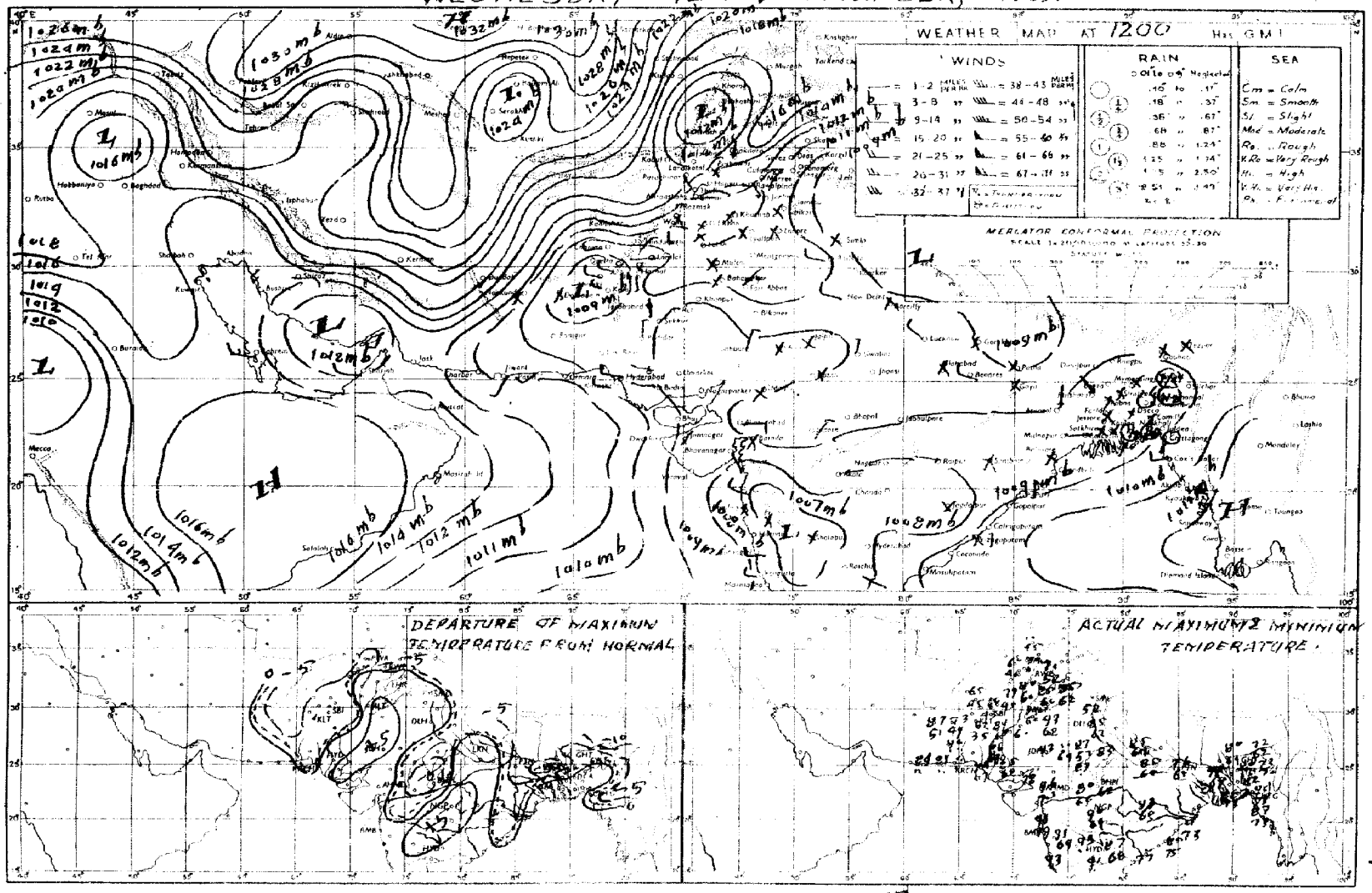
THURSDAY 13th NOVEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 12th NOVEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 10th NOVEMBER 1969.

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

Yesterday's depression moved westwards and lay at 09, 1200 G.M.T. about 40 miles southwest of Sural. Observations lacking but believe the depresssion weakened and lies at 10,0300 G.M.T. as a trough of low pressure over Gujrat and adjoining areas. Yesterday's western disturbance lies over Kalat division and adjoining areas. A trough of low pressure lies over west Bengal and neighbourhood. Weather remained dry over the country.

Night temperatures were generally 5 – 12 °F (3—7 °C) above normal over the country.

Forecast valid until the evening of 11th November 1969 : — Scattered rain/drizzle is likely to occur in Quetta, D. I. Khan, Peshawar, Rajshahi, Chittagong divisions and Kashmir.

(ZARIF AHMED)
for Director, Meteorological Service.

Karachi-11
The 10th November, 1969.

OBSERVATIONS

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G. M. T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Clud †	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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Maximum temperature	Minimum Temperature	Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	2	31	02	96	01	0	123	85	1	3	7	7	0	73	90	080	0	2	27	02	98	01	1	172	81	1	2	7	2	7	76	76	—	—	0.0	—	100.8	—
	Cox's Bazar	000	0	1	27	06	//	02	0	124	82	1	2	5	0	0	73	88	000	0	1	05	06	97	01	0	167	84	1	1	5	6	0	76	76	+ 3	+ 8	0.1	— 2.1	91.3	140
	Chittagong	000	0	2	00	00	//	02	2	121	85	1	4	5	3	0	72	88	000	0	2	36	02	96	01	2	171	82	1	5	5	3	0	76	76	+ 4	+ 9	0.1	— 1.2	104.5	108
	Maijdee Court	000	1	0	00	00	//	00	0	094	85	0	0	9	0		73	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	000	0	0	00	00	96	02	0	151	82	0	0	9	0	0	72	72		+ 5	0.0	— 0.7	102.7	94
	Brahmanbaria	000	0	0	00	00	//	00	1	126	82	0	0	9	0		75	87	000	0	0	00	00	97	00	0	170	84	0	0	9	0	0	76	74	—	—	0.0	— 0.6	53.8	78
	Sylhet	000	0	2	00	00	//	01	2	122	77	0	0	9	0	0	68	88	000	0	1	05	05	97	02	0	170	77	1	1	6	0	0	68	68	—	—	0.0	—	148.2	—
	Srimangal	000	0	0	00	00	//	00	0	119	75	0	0	9	0	0	73	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					98
Dacca	Mymensingh	003	0	3	00	00	//	01	1	112	82	3	4	5	0	0	72	87	000	0	2	00	00	97	01	1	190	82	2	0	9	2	0	70	71	+ 3	+ 4	0.0	— 0.6	77.3	91
	Narayanganj	000	0	0	00	00	//	00	0	122	85	0	0	9	0	0	73	85	000	0	1	13	02	97	01	1	168	87	1	6	6	0	0	72	76	0	+ 7	0.0	— 0.7	80.8	74
	Dacca (Tezgaon)	000	0	5	00	00	97	03	2	116	82	2	0	9	3	1	59	90	000	0	3	09	02	96	01	0	168	82	3	0	9	4	0	69	73	—	—	0.0	—	64.6	—
	Faridpur	000	0	0	00	00	93	00	0	118	82	0	0	9	0	0	68	87	///	0	2	16	02	97	01	/	///	68	2	2	5	2	0	74	74	+ 4	+ 7	—	—	—	71
Khulna	Barisal	000	0	1	00	03	//	02	0	118	82	1	0	5	0	0	77	90	000	0	8	00	00	97	02	2	164	//	3	0	9	0	3	//	74	+ 6	+ 6	0.0	— 0.9	64.2	81
	Khulna	000	0	0	00	00	97	00	0	101	87	0	0	9	0	0	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	00	0	164	84	2	0	9	3	0	76	73		+ 8	0.0	— 0.5	51.5	65
	Jessore	000	0	4	09	03	96	02	2	115	85	3	4	5	3	0	72	87	000	0	2	09	03	97	02	0	163	82	0	0	9	4	0	82	77	+ 3	+ 10	0.0	— 0.6	61.4	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	0	6	13	02	98	01	2	169	81	6	0	9	8	0	76	//		/	0.0	—	56.2	59
	Sirajganj	000	0	0	00	00	//	00	0	125	80	0	0	9	0	0	72	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					64
	Rajshahi	000	0	2	00	00	//	02	0	120	79	0	0	9	3	7	72	87	000	0	3	05	02	//	//	...	169	80	2	5	5	2	0	74	74	+ 4	—	0.0	—	65.2	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	00	00	96	03	2	175	76	4	5	4	7	0	72	72		+ 7	0.0	— 0.6	58.3	69
	Dinajpur	003	0	0	00	00	//	00	0	100	80	0	0	9	0	0	72	85	000	3	7	//	02	96	02	2	178	77	4	5	6	2	1	68	70	+ 1	+ 7	0.0	— 0.1	95.7	72
	Rangpur	000	0	1	00	00	96	01	0	105	79	1	0	9	1	0	72	68	000	0	6	05	02	96	03	1	171	75	4	5	6	2	0	68	66	+ 5	+ 3	—	—	—	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	9	00	00	95	05	0	112	82	0	0	9	0	0	62	86	000	0	1	00	00	95	05	0	159	66	0	0	9	0	1	59	62	0	+ 13	0.0	0.0	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	[illegible]	00	0	150	54	0	0	9	0	0	76	49		— 3	0.0	0.0	11.5	32
Rawalpindi	Jhelum	000	1	0	00	00	97	02	0	109	65	0	0	9	0	1	58	90	000	0	5	00	00	97	00	0	163	62	1	0	9	1	0	//	58	—	—	0.0	—	31.2	—
	Islamabad																																								—
	Rawalpindi	000	0	5	27	02	58	02	2	123	75	0	0	9	4	0	54	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					36
	Campbellpur																																								—
Sargodha	Khushab	000	0	4	23	//	96	01	0	105	85	0	9	0	4	0	79	90	000	0	0	05	//	97	00	0	146	63	0	0	9	0	0	49	//	+ 5	/	0.0	0.0	4.8	13
	Sargodha	000	0	0	00	00	97	02	0	114	82	0	0	9	0	1	62	90	000	0	7	00	00	95	04	1	///	//	1	5	6	0	1	59	58	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	118	85	0	0	9	0	0	64	87	000	0	4	00	00	95	02	0	155	64	4	0	9	4	0	58	63	+ 3	+ 13	0.0	0.0	7.7	12
Multan	Sahiwal																																								18
	Multan	000	0	2	00	00	96	02	0	121	85	1	1	9	3	1	54	90	000	0	/	//	//	56	04	1	151	68	2	0	9	3	4	58	62	+ 4	+ 9	0.0	0.0	11.3	7
	Leiah	000	0	0	36	08	94	00	0	108	50	0	0	9	0	0	46	90	000	0	0	36	00	92	00	0	153	67	0	0	9	0	0	61	58	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur	000	0	8	05	03	96	02	0	110	82	8	0	9	0	0	56	90	000	0	4	05	02	56	02	0	150	68	1	0	9	3	2	56	58	+ 1	+ 5	0.0	0.0	1.1	6
	Bahawalpur	000	0	0	00	00	56	00	0	108	87	0	0	9	0	0	69	95	000	0	0	00	00	96	00	0	134	76	0	0	9	0	0	72	61	+ 8	+ 9	0.0	0.0	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	128	76	0	0	9	0	0	72	68	—	0	—	—	0.8	8
Peshawar	Chakdra	000	0	6	00	00	97	02	1	111	72	0	8	9	0	8	45	72	000	0	6	05	03	97	02	1	167	56	0	0	9	0	0	50	52	—	—	0.0	—	23.2	—
	Peshawar	000	0	6	00	00	56	04	2	124	76	1	5	6	3	1	56	80	000	0	6	00	00	97	02	1	169	60	1	0	9	3	1	56	58	+ 1	+ 7	0.0	0.0	14.3	11
	Haripur																																								—
D. I. Khan	Bannu	000	0	6	20	02	98	03	2	125	77	0	0	9	6	8	62	85	000	0	7	13	02	98	03	2	151	62	2	7	0	3	0	54	60	—	—	0.0	—	4.5	11
	D. I. Khan	000	0	6	00	00	97	03	2	///	62	5	0	9	3	4	64	94	000	0	7	00	00	96	02	2	157	64	7	0	9	7	0	58	62	+ 6	+ 11	0.0	— 0.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	109	54	0	0	9	0	0	62	95	000	0	4	00	00	97	02	0	145	66	2	2	9	2	2	42	64	—	—	0.0	—	0.2	5
	Nokkundi	000	0	5	13	05	96	01	1	070	79	5	5	6	0	0	39	84	008	0	0	00	00	97	02	0	126	64	0	0	9	0	0	36	59	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	04	96	00	0	955	91	0	0	9	0	0	49	91	000	0	0	00	00	56	00	0	000	69	0	0	9	0	0	21	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	2	25	07	96	02	2	107	83	0	0	9	0	0	66	86	000	0	0	00	00	96	02	0	129	71	0	0	9	0	0	71	68	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	06	97	02	0	106	88	0	0	0	0	0	61	92	000	0	0	23	06	97	02	0	128	67	0	0	0	0	0	65	//	+ 5	/	0.0	0.0	0.0	6
Karachi division	Ormara	000	0	0	27	09	96	02	0	105	84	0	0	9	0	0	79	//	000	0	0	00	00	56	02	0	138	70	0	0	9	0	0	63	//	/	—	0.0	0.0	0.6	6
	Lasbela	///	0	2	00	00	58	00	0	069	58	0	0	8	0	0	47	99	///	0	0	00	00	58	00	0	125	69	0	0	8	0	0	48	55	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	27	05	97	02	0	086	85	0	0	9	0	0	66	97	000	0	0	05	05	56	02	0	118	73	0	0	9	0	0	54	74	+ 10	+ 5	0.0	— 0.5	1.1	8
	Karachi (Ariport)	000	0	0	05	07	96	02	0	088	93	0	0	9	0	0	56	95	000	0	0	09	02	56	02	0	123	70	0	0	9	0	0	47	67	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker																																								—
	Chhor	080	0	0	05	10	96	02	0	080	93	0	0	9	0	0	40	96	000	0	0	05	03	//	02	0	096	70	0	0	9	0	0	45	//	—	/	—	—	0.3	7
	Hyderabad	000	0	0	31	05	97	02	0	050	89	0	0	9	0	0	51	93	000	0	0	36	05	97	02	0	130	70	0	0	9	0	0	53	68	+ 2	+ 6	0.0	0.0	0.8	8
	Badin	000	0	0	36	06	97	02	0	084	92	0	0	9	0	0	48	94	000	0	0	36	04	97	02	0	111	68	0	0	9	0	0	51	65	+ 1	+ 3	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	1	31	05	97	03	0	100	89	0	0	9	0	1	48	93	000	0	1	36	02	56	01	0	143	66	1	0	9	3	0	57	61	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	//	05	96	02	0	099	91	0	0	9	0	0	55	93	000	0	0	31	05	56	02	0	143	67	0	0	9	0	0	57	61	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	103	89	0	0	9	0	0	56	92	000	0	6	05	05	96	03	2	140	72	6	0	9	4	0	54	66	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	000	0	1	00	00	97	03	0	103	90	1	0	9	0	3	57	90	000	0	2	09	03	96	03	0	144	71	2	0	9	3	0	57	67	+ 1	+ 12	0.0	0.0	2.7	20
unagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	6	27	//	97	02	1	524	56	4	5	4	5	0	43	62	000	0	5	13	02	97	02	1	546	52	2	5	4	5	0	43	47	+ 3	+ 4	0.0	— 0.2	40.1	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	00	00	96	03	1	556	54	7	0	9	7	0	36	52		+ 7	0 0	—	15.0	29
	Cherat *	000	0	0	36	05	98	02	0	///	64	0	0	9	0	0	43	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					—
	Kakul *	000	0	4	36	02	98	03	0	421	64	0	0	9	4	0	52	74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Landikotal *	000	0	6	31	05	98	03	0	583	72	6	7	6	/		64	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					29
	Prachinar *	000	0	6	16	03	98	02	2	521	63	3	4	7	7	0	38	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	516	79	0	0	9	0	0	46	80	000	0	0	05	05	98	00	0	530	62	0	0	9	0	0	//	56	—	—	0.0	— 0.0	2.8	11
	Wana *	000	0	1	00	00	98	00	0	513	72	0	0	9	0	0	36	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	6	31	02	97	03	2	500	72	2	5	7	3	0	32	74	000	0	7	00	00	97	03	0	524	57	5	4	7	2	0	35	53	— 1	+ 9	0.0	0.0	6.5	—
	Hindubagh *	000	0	8	20	05	92	03	0	505	68	8	7	4	0	0	35	68	000	0	7	00	00	94	03	0	534	52	7	2	5	0	0	//	32	—	—	0.0	—	6.0	9
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	/	27	02	98	01	0	345	50	0	1	8	0	8	32	48		—	0.0	—	0.6	—
	Barkhan *	000	0	0	23	05	98	02	0	407	77	0	0	9	0	0	48	83	000	0	0	31	05	97	02	0	498	60	0	0	9	0	0	43	57	—	—	0.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	489	80	0	0	0	0	0	37	82	000	0	0	00	00	96	02	0	524	61	0	0	0	0	0	41	//	—	/	0.1	—	5.6	9
	Samungli (Quetta) *	000	0	2	23	11	96	02	0	569	66	2	5	7	9	0	33	71	000	0	4	23	05	96	03	0	529	59	3	0	9	0	0	34	55	—	—	—	—	—	8
	Chaman *	000	0	0	07	04	97	00	0	518	68	0	0	9	0	0	49	71	000	0	0	09	03	96	00	9	527	55	0	0	9	0	0	45	50	0	+ 5	0.8	0.0	4.8	—
	Nushki *	000	0	6	23	05	97	03	0	549	70	0	0	9	0	0	43	77	000	0	0	00	00	97	02	0	564	68	0	0	9	0	0	35	65	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	7	23	05	97	03	0	506	90	7	0	9	0	0	33	84	000	0	7	00	00	97	03	1	512	66	6	0	9	0	0	37	57	+ 4	+ 12	0.8	0.0	.5	7
Kalat	Kalat *	000	0	0	18	03	//	//	/	474	67	0	0	9	0	0	48	70	000	0	0	18	03	96	00	2	521	46	0	0	9	0	0	30	36	+ 5	+ 4	0.0	0.0	2.2	—
	Khuzdar *																																								5
	Panigur *	000	0	4	23	07	95	03	/	496	81	3	0	9	3	1	49	//	000	0	0	00	00	96	02	0	503	56	0	0	9	0	0	37	53	/	+ 5	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 10th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Horomya	99 1 86	10 6 70	00 0 63	03 4 15	98 0 20	08 1 83	--	...	73 1 29		05 3 76	-	30 5 01	15 0 01
Oostkerk	99 2 48	10 6 37	00 6 03	02 7 04	98 0 20	14 4 26	00 9 03	42 2 19	...		0 / / 17	12 7 68	30 2 01	...
Oostkerk	99 2 47	10 6 69	09 1 73	02 7 04	98 0 20	11 2 77	00 9 00	42 6 04	...		0 / / 22	12 7 46	..	...
British Sailor	99 2 37	10 5 90	09 1 73	0 / / 01	99 0 20	11 3 27	00 0 00	33 2 07	...		0 / / 22	12 8 38	30 0 00	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 256 15	...	500 190 42	191 130 56	583 055 61	755 159 59	967 285 60	246 485 / /	...	...	...	...	...
Dacca ...	00 00	014 270 07	...	540 160 32	141 040 42	856 077 57	76/ 177 48	965 317 50	...	...	...	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	081 210 60	...	500 174 30	119 040 / /	578 105 / /	747 18[illegible] / /	958 275 / /	...	...	-	...	...	...
Multan ...	00 00	955 166 40	...	528 220 04	188 112 58	53/ 06/ / /	76[illegible] [illegible]5 / /	975 161 / /	...	...	...	...	...	-
Peshawar ...	00 00	974 144 19	...	480 170 17	125 054 19	580 109 24	148 2[illegible]5 / /	952 387 / /	...	...	...	...	...	...
Quetta ...	00 00	823 146 60	...	...	119 105 / /	571 175 / /	735 267 / /	939 335 / /	215 447 / /	...	...	...	...	
Sargodha ...	00 00	99/ 224 33	...	500 195 07	208 351 0/	584 151 / /	750 255 / /	952 391 / /	223 541 / /	...	-	...	...	..

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											$P_mP_mP_m$ d_md_m $f_mf_mf_m$	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 218 25	800 148 50	600 050 56	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 192 17	800 130 4/	600 015 56	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	-	...	...	...
Peshawar ...	00 00	...	...	...	-	...	...	...	...	-	...	...	-
Quetta ...	00 00	...	800 108 / /	600 117 / /	...	...	...	...	...	-	...	-	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisa ...	090 54	110 03	145 03	145 07	210 05	...	...	-	...
Bogra ...	270 02	290 03	315 04	230 07	280 07	245 09	...	-	-
Chaklala ...		300 13	330 10	340 09	005 05	030 03	150 09	-	...
Chhor ...	040 19	/// //	/// //	165 14	045 11	/95 02	190 09	230 08	270 13
Chittagong ...	320 03	005 02	065 03	175 05	195 03	...	...	...	..
Cherat ...	...	...	...					...	...
Cox's Bazar ...	255 05	240 06	230 04	145 04	230 01	135 40	..	...	...
Dacca ...	060 03	060 03	065 02	120 32	130 02	...	..	...	..
Dalbandin ...			140 06	210 07	195 13	...	-	...	...
D. I. Khan ...	150 03	050 01	335 01	060 03	858 03	345 13		...	...
Drosh ...	...	...	...	1/0 04	210 06	190 89	225 10	...	...
Fort Sandeman ...	..	..	...	295 02	335 01	210 07	220 17	...	...
Gilgit ...	..	...	...	230 03	195 06	..	190 06	...	..
Ishurdi ...	...	...			...	...	...	...	...
Jacobabad ...	125 04	095 04	080 05	090 07	115 05	200 08	215 17	240 19	250 23
Jessore ...	145 07	125 08	130 02	160 09	165 85	220 05	...	...	...
Jhelum ...	355 02	320 05	315 06	310 08	340 06	0?0 04	260 14	235 26	210 19
Jiwani ...	175 05	270 03	270 04	305 06	300 12	260 09	255 27	/52 40	255 34
Karachi ...	050 14	045 15	045 17	045 17	045 14	065 08	265 06	195 16	230 13
Khanpur ...	/// //	/// //	/// //	040 35	045 38	135 09		225 03	...
Khuzdar ...	...	...	...	125 09	135 12	170 11	210 13	225 16	255 22
Lahore ...	350 04	345 03	350 04	345 07	360 10	240 06	280 15	240 20	215 17
Multan ...	085 06	075 08	070 09	005 12	035 09	080 04	230 19	215 30	230 27
Nawab Shah ...	360 07	020 07	045 08	045 12	125 10	240 08	215 10	265 16	260 28
Nokkundi ...	...	..	140 05	125 09	...			...	..
Panjgur ...	...	...	...	190 08	200 08	205 12	260 15	...	..
Peshawar ...	...	175 02	305 07	295 03	290 04	320 02	205 07	250 15	255 21
Parachinar ...	...	...	...	350 02	030 03	...	315 09	---	...
Quetta ...	...	...	...	...	175 06	185 05	...	...	...
Sargodha ...	270 03	285 02	295 04	330 06	005 06	230 04	255 20	225 18	220 19
Skardu ...	...	..	...	335 01	/// //	...	...	...	...
Sylhet ...	280 07	270 04	295 03	265 05	280 13	275 17	...	---	...
Veraval ...	...	...	.	...	...	..	..	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisa ...	045 03	055 04	100 03	195 03	095 03	230 05
Bogra ...	120 11	130 10	170 10	175 07	..	...
Chaklala ...	...	080 05	105 07	125 05	120 05	145 07
Chhor ...	060 31	070 31	063 5/	025 31	015 26	-
Chittagong ...	..	...	...	...	...	...
Cherat ...	..	...	...	..	..	..
Cox's Bazar ...	160 06	160 05	145 06	080 05	160 07	070 16
Dacca ...	110 13	120 08	110 05	...	065 07	-
Dalbandin ...		...	235 05	230 15	240 21	210 12
D. I. Khan ...	255 08	260 06	265 08	245 09	210 05	140 06
Drosh ...	...		...	045 01	020 04	015 06
Fort Sandeman ...	...	...	...	220 02	205 03	130 05
Gilgit ...	...	.	...	...	...	.
Ishurdi ...	.	..	...	...		...
Jacobabad ...	080 19	075 19	070 12	065 07	250 07	165 0/
Jessore ...	...		...	..	...	
Jhelum ...	090 04	305 03	240 04	180 03	215 04	230 16
Jiwani ...	095 05	045 03	3?5 07	300 11	295 15	290 16
Karachi ...	...			...	...	
Khanpur ...	010 10	025 05	040 8/	030 07	305 07	315 10
Khuzdar ...	...	...		115 04	125 07	205 03
Lahore ...	090 02	115 02	065 02	360 05	085 05	115 04
Multan ...	130 04	120 08	110 08	070 89	030 07	210 /3
Nawab Shah ...	360 14	360 14	015 11	050 09	085 11	125 10
Nokkundi ...	.	...	130 08	180 06	190 09	245 15
Panjgur ...	...	.		135 13	105 17	070 25
Peshawar ...	---	260 04	330 6/	350 10	350 13	170 11
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...		.	
Sargodha ...	315 04	300 04	300 83	020 01	355 0/	170 07
Skardu ...	...	...	.	...	...	...
Sylhet ...	100 19	100 08	030 05	330 04	315 13	295 11
Veraval ...	...	...	...	...	...	-

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	090 03	1/0 01	145 02	130 03	080 05	125 03	210 27	270 14	280 18	...	...
Bogra ...	120 03	150 05	170 08	190 07	185 85	...	-	...	...	...	...
Chaklala ...		060 04	105 04	1/0 05	145 07	195 06	-			.	...
Chhor ...	103 06	150 06	095 07	090 51	320 03	/00 72	235 13	351 45	255 30	...	...
Chittagong ...	015 05	055 06	055 05	050 08	035 10	355 08	220 10	205 11	260 13	...	-
Cherat ...		...	...	..	..	...	...	...	-	...	-
Cox's Bazar ...	300 10	340 06	010 06	0/5 07	0/0 06	065 21	...	-	-	...	...
Dacca ...	100 07	115 06	105 05	145 04	120 03	335 09	245 12	230 27	225 21	...	...
Dalbandin ...	...	...	190 04	190 20	190 29	200 27	195 31	225 43	225 40	...	..
D. I. Khan ...	155 03	180 05	/// //	290 06	175 07	125 03	045 04	210 12	..	...	...
Drosh ...	...	-	...							...	...
Fort Sandeman ...	...	...	..	305 02	205 04	170 07	170 09	175 03	210 14	...	...
Gilgit ...	..	...	.	...	.	...	...	...	...	...	...
Ishurdi ...		...								...	...
Jacobabad ...	090 10	095 17	105 16	105 12	085 12	070 14	115 25	210 15	210 18	...	...
Jessore ...	135 06	140 07	170 06	185 10	150 09	315 03	225 14	250 16	265 14	...	...
Jhelum ...	105 01	155 03	155 03	135 03	1/5 01	090 11	075 13	..	070 13	...	...
Jiwani ...	160 07	190 06	215 05	285 07	285 12	...	...	..	...	...	...
Karachi ...	065 09	065 17	070 20	080 19	095 / /	180 05	245 14	250 22	240 28	...	...
Khanpur ...	100 17	100 18	080 11	050 12	020 24	220 24	230 30	210 34	210 34	...	...
Khuzdar ...			...	120 06	120 08	130 05	225 19	215 25	215 30	-	-
Lahore ...	125 03	130 06	115 05	085 04	035 04	130 06	195 18	185 19	225 15	...	...
Multan ...	105 06	110 07	115 09	100 08	104 16	045 13				...	...
Nawab Shah ...	085 12	082 15	065 12	055 15	035 17	090 10	225 17	220 23	230 28	..	...
Nokkundi ...	...	..	100 04	180 07	185 13	...		...	...	...	...
Panjgur ...	...		...	200 05	210 09	190 16	215 19	271 50	220 17	-	...
Peshawar ...	..	070 01	060 01	275 01	165 0/	200 04	..	..	...	...	...
Parachinar ...	...	...	...	165 05	115 03	205 27	195 12	...	255 40	...	...
Quetta ...	...	...	...	-	175 11	190 10	190 19	210 35	205 33	...	...
Sargodha ...	140 04	155 02	135 01	315 01	040 04	328 08	300 08	...	...	...	...
Skardu ...	...	...	...	105 01	/// //	-	095 02	...	...	...	...
Sylhet ...	120 08	100 06	195 01	250 04	320 17	300 17	252 2/	252 9/	240 27	...	...
Veraval ...	...	...	...	...	...	.	..	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	030 19	065 19	050 18	050 15	035 15	035 08	205 14	225 / /	225 17	...	...	...	---	...	...	...	...	...
Multan ...	109 11	095 /	080 10	080 06	075 05	360 04	215 / /	225 15	245 12	...	--	...	...	...	-	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

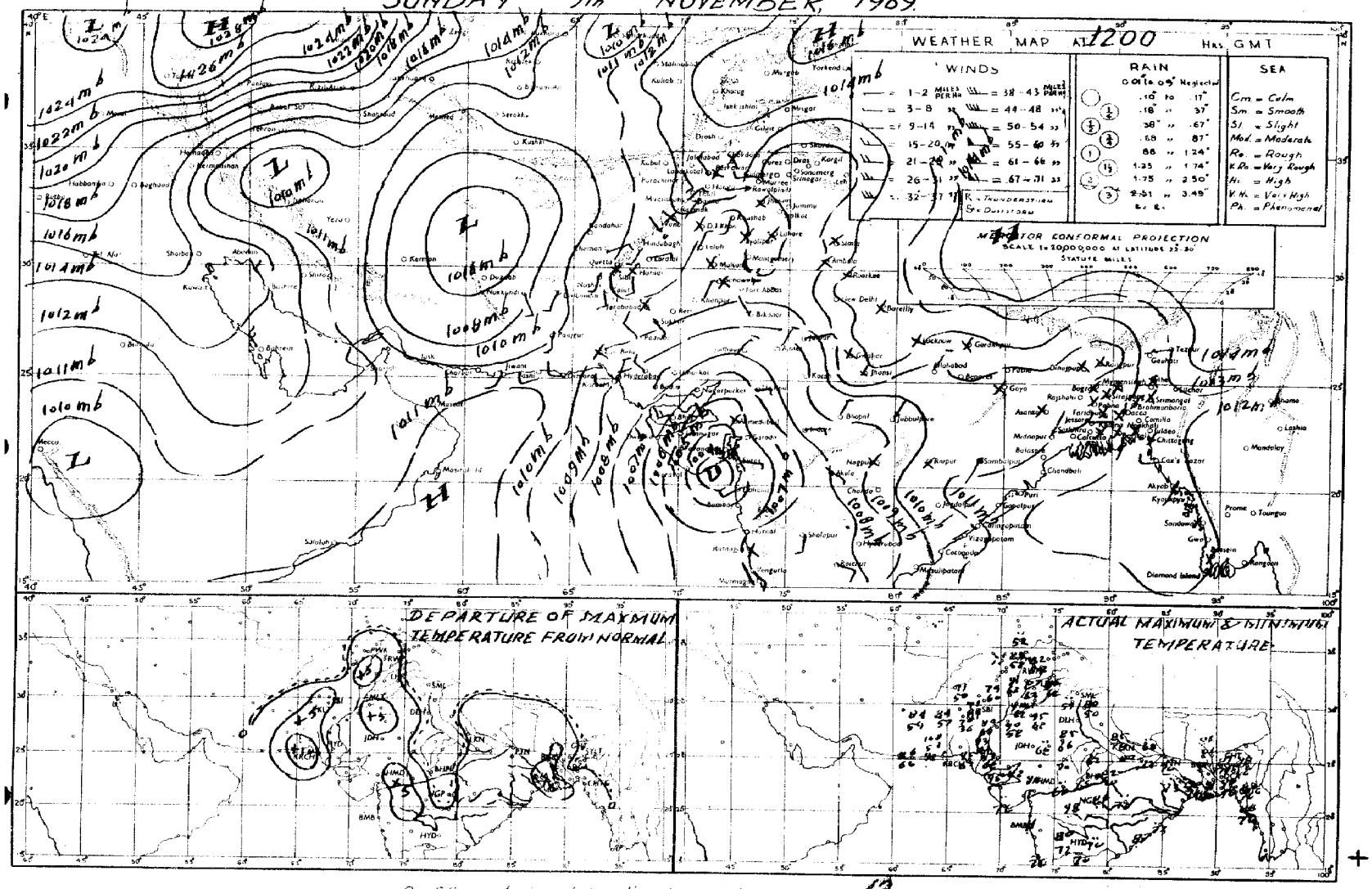
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

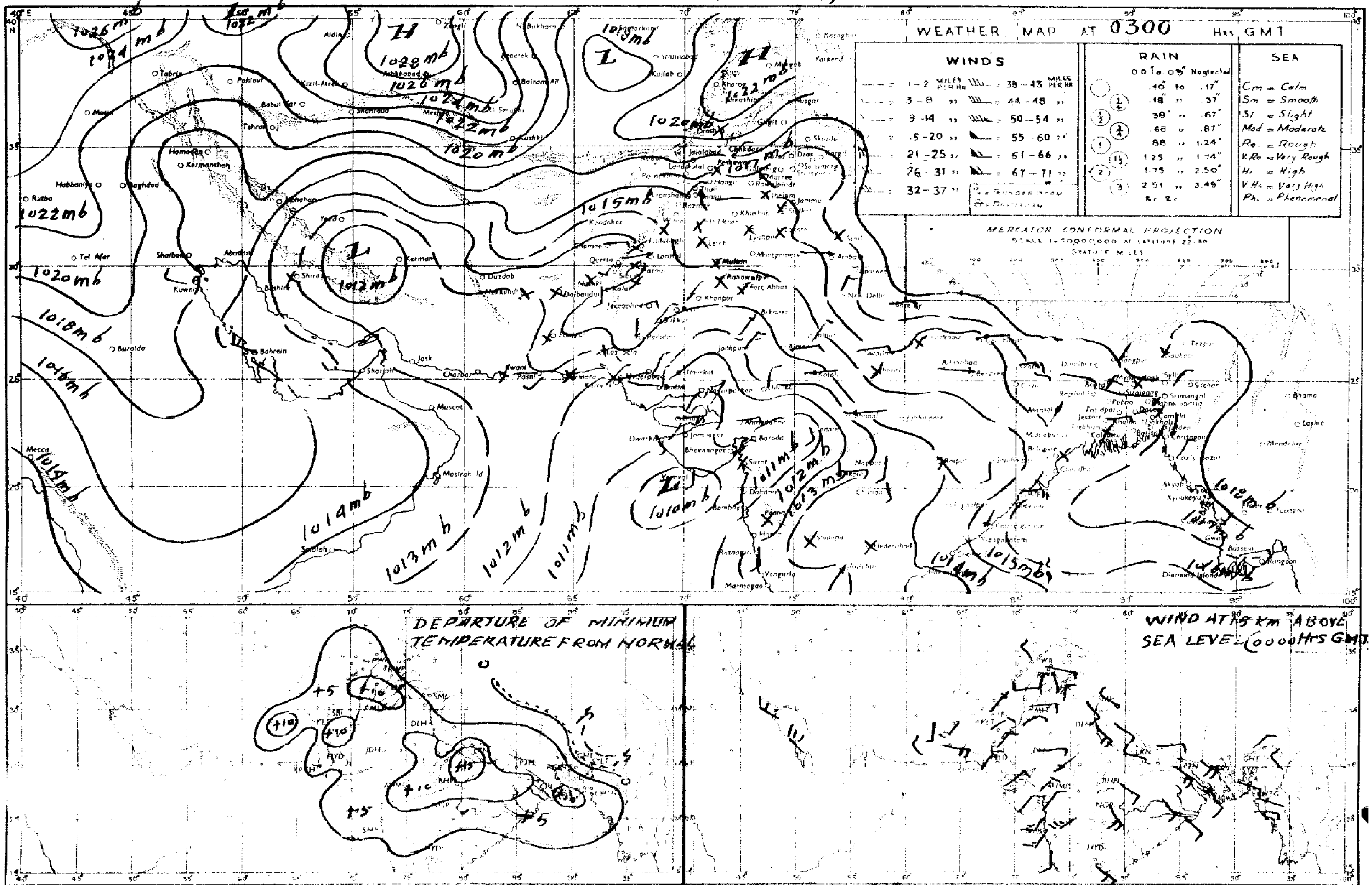
SUNDAY 9th NOVEMBER 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 10th NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 11th NOVEMBER 1969.

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

Yesterday's trough of low pressure over Gujrat moved slightly northeastwards and now lies over Madhya Pradesh and adjoining areas. The western disturbance over Kalat division is moving across the western divisions of west Pakistan. The trough of low pressure over west Bengal and neighbourhood persists. Rain/thundershowers have been widespread in Rajshahi division. A few falls of light rain or thundershowers have occurred in Quetta division.

Chief amounts of rainfall are : Rajshahi 3", Bogra 1", Ranjpur ¾", Pabna ½" and Dinajpur ½".

Night temperatures were 4—7 °F (3—4 °C) above normal in Bahawalpur and Karachi divisions and 8—14 °F (4—8 °C) so elsewhere in the country.

Forecast valid until the evening of 12th November 1969 :—Rain/thundershowers will be local in Rajshahi division and scattered elsewhere in East Pakistan, Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 11th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	27	02	96	01	0	023	85	1	1	7	0	0	73	91
	Cox's Bazar	CC0	0	3	27	07	//	02	0	121	82	3	2	5	1	0	73	90
	Chittagong	0C0	0	1	00	00	//	02	2	121	82	1	2	5	0	0	73	90
	Maijdee Court	0C0	0	0	00	C0	//	00	0	112	85	0	0	9	0	0	70	90
	Comilla	0C0	0	0	00	00	96	02	0	121	86	0	0	9	0	0	73	93
	Brahmanbaria	0C0	0	0	C0	00	//	//	/	122	82	0	0	9	0	0	73	91
	Sylhet	000	0	1	13	03	//	02	1	123	78	0	0	9	3	0	70	87
	Srimangal	CC0	0	0	00	00	//	00	0	122	77	0	0	9	0	0	73	87
Dacca	Mymensingh	000	0	5	00	00	//	02	2	118	80	5	4	5	2	0	70	85
	Narayanganj	0C0	0	0	00	C0	//	00	0	118	87	0	0	9	0	0	76	87
	Dacca (Tezgaon)	0C0	0	3	00	00	97	01	0	121	82	1	2	5	0	1	72	90
	Faridpur	000	0	2	00	00	93	61	1	119	82	2	5	6	0	0	72	90
Khulna	Barisal	0C0	0	2	23	02	//	C2	2	126	82	2	4	5	0	0	78	90
	Khulna	CC0	0	0	00	00	97	C0	0	122	85	0	0	9	0	0	80	87
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	0C0	C	3	18	03	97	03	0	121	82	1	1	5	3	C	72	91
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	0C0	C	6	36	01	//	C2	2	125	82	6	0	7	6	0	72	87
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	057	3	8	13	02	//	55	9	129	73	6	9	4	7	1	73	85
	Dinajpur	020	3	8	05	02	//	60	6	126	73	8	5	6	/	/	72	73
	Rangpur	004	2	7	C0	00	56	61	6	11!	77	7	6	6	0	8	73	66
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	95	C5	1	120	80	1	5	6	2	3	60	86
	Sialkot	000	0	0	00	00	97	00	0	117	8	0	0	9	0	0	64	91
Rawalpindi	Jhelum	000	0	7	00	C0	97	02	1	120	76	2	5	7	7	0	60	82
	Islamabad																	
	Rawalpindi	000	0	7	00	C0	58	02	2	120	76	5	4	2	8	0	50	80
	Campbellpur																	
Sargodha	Khushab	000	C	1	10	//	56	03	2	120	80	0	0	9	6	0	73	86
	Sargodha	000	0	6	05	03	97	01	2	120	76	4	0	9	7	6	64	82
	Lyallpur	0C0	0	4	00	00	96	02	0	118	80	4	0	9	4	0	60	87
Multan	Sahiwal	000	0	5	00	00	96	82	0	119	82	1	5	6	3	1	50	90
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	0	1	05	03	96	02	0	104	85	1	0	9	3	0	51	90
	Bahawalpur	0C0	0	0	00	00	96	00	0	121	82	0	0	9	0	0	60	95
	Fort Abbas	003	0	0	00	00	98	00	0	075	85	0	0	9	0	0	60	85
Peshawar	Chakdra	0C0	0	3	36	02	98	03	0	130	70	3	8	9	0	4	54	70
	Peshawar	0C0	0	4	05	02	96	04	1	127	76	1	0	9	3	1	58	78
	Haripur	C00	0	8	36	02	56	03	2	337	72	8	0	9	7	6	51	73
D. I. Khan	Bannu	CC0	0	5	09	02	98	02	2	123	76	0	0	9	4	0	58	80
	D. I. Khan	0C0	0	3	00	00	97	02	0	///	72	3	0	9	3	0	64	87
Quetta	Sibi	CC0	0	0	C0	00	97	03	0	10?	93	0	0	9	0	0	52	74
	Nokkundi	000	0	2	27	03	56	01	0	06?	84	2	5	6	0	0	39	85
Kalat	Turbat	0C0	0	0	27	02	96	03	0	57?	50	0	0	9	0	0	41	70
	Jiwani	000	0	0	27	09	56	0	0	!!!	83	0	0	9	0	0	71	85
	Pasni	000	0	0	25	00	97	02	0	127	86	0	0	0	0	0	64	88
Karachi division	Ormara	000	0	0	20	05	96	07	0	111	87	0	0	9	0	0	77	91
	Lasbela	///	0	0	C0	00	98	C0	0	090	·4	0	0	8	0	0	59	92
	Karachi (Manora)	000	0	0	29	03	97	0	0	094	85	0	0	9	0	0	60	57
	Karachi (Airport)	000	0	0	00	00	56	02	0	093	93	0	0	9	8	0	40	55
Hyderabad	Nagarparkar	000	0	0	05	C2	97	07	0	120	92	0	6	6	0	0	71	98
	Chhor	080	0	4	36	03	96	03	0	085	93	4	2	6	0	0	63	97
	Hyderabad	000	0	0	31	C5	97	02	0	059	89	0	0	9	0	0	56	91
	Badin	C00	0	0	36	04	97	02	0	083	53	0	0	9	0	0	65	58
Khairpur	Padidan	000	0	0	31	05	97	02	0	105	82	0	0	9	0	0	58	91
	Nawabshah	000	0	0	31	05	96	02	0	107	89	0	0	9	0	0	59	92
	Sukkur	000	0	0	05	03	96	02	0	105	85	0	0	9	0	0	59	91
	Kashmore																	
	Jacobabad	000	0	0	27	02	97	02	0	105	89	0	0	9	0	0	58	91
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	8	09	03	97	03	1	532	54	8	5	3	6	1	45	60
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	0C0	0	2	36	02	98	01	2	219	64	2	0	8	3	0	47	73
	Kakul *	000	0	7	31	02	58	03	2	529	68	3	2	5	4	0	58	70
	Landikotal *	000	0	4	31	05	98	01	6	562	87	4	3	9	0	0	64	91
	Parachinar *	000	0	5	00	90	98	02	0	520	63	3	8	6	3	0	38	67
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	525	76	4	0	9	0	0	51	80
	Wana *	000	0	2	13	05	96	00	0	472	70	3	0	0	0	0	45	73
Quetta	Fort Sandeman *	000	0	6	31	02	97	02	2	493	71	6	4	6	0	0	37	73
	Hindubagh *	000	0	8	20	03	94	03	0	500	65	8	2	4	0	0	44	72
	Loralai *	000	0	8	27	00	98	01	0	390	89	0	1	8	0	8	45	80
	Barkhan *																	
	Harnai *	000	0	0	80	00	96	02	0	580	79	0	0	0	0	0	46	84
	Samungli (Quetta) *	000	0	7	23	03	56	03	2	514	59	7	5	6	0	0	41	70
	Chaman *	000	0	0	27	05	56	00	0	517	73	0	0	9	0	0	70	77
	Nushki *	000	0	3	27	03	97	02	0	552	84	0	0	9	0	2	43	84
	Dalbandin *	000	0	4	23	03	96	03	0	495	81	4	0	7	0	0	32	83
Kalat	Kalat *	000	0	7	18	02	95	03	1	508	64	0	8	9	0	0	31	70
	Khuzdar *																	
	Panjgur *																	

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 † We (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					140
	Chittagong	C80	1	7	18	10	76	68	2	150	82	7	3	4	3	0	76	75	+ 6	+ 8	0.1	— 1.3	104.5	108
	Maijdee Court	CC0	0	0	C0	00	97	00	0	136	88	0	0	9	0	0	67	71	+ 6	+ 4	0.0	— 1.0	128.2	115
	Comilla	0C0	0	0	00	C0	96	02	0	154	82	C	0	9	0	0	72	72	+ 8	+ 7	0.0	— 0.8	102.7	94
	Brahmanbaria	—																	—					78
	Sylhet	CC0	0	8	00	00	96	82	2	172	73	3	5	4	3	0	68	71	—	—	0.0	—	148.2	—
	Srimangal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					98
Dacca	Mymensingh	0C0	0	7	00	00	97	02	1	148	77	7	4	0	0	0	70	72	+ 2	+ 5	0.0	— 0.6	77.3	91
	Narayanganj	C00	0	8	13	02	97	02	2	147	84	8	6	4	8	8	//	76	+ 2	+ 9	0.0	— 0.7	8.08	74
	Dacca (Tezgaon)	0C0	0	7	00	00	96	03	2	148	81	7	0	9	5	0	72	73	—	—	0.0	—	64.6	—
	Faridpur	000	0	4	16	02	97	07	2	144	82	2	4	6	1	0	76	73	+ 7	+ 8	0.0	— 0.7	56.8	71
Khulna	Barisal	C00	0	4	00	C0	97	03	0	147	81	5	8	4	0	0	76	73	+ 6	+ 7	0.0	— 1.0	64.2	81
	Khulna	000	0	0	00	C0	97	C0	0	146	84	0	0	5	0	0	76	//	+ 3	/	0.0	— 0.7	73.2	68
	Satkhira	0C0	0	4	18	02	97	02	1	144	81	4	2	6	0	0	79	73		+ 10	0.0	— 0.5	61.6	65
	Jessore	000	0	6	15	05	96	02	2	147	81	2	4	4	3	0	76	73	+ 7	—	0.0	— 0.6	61.4	45
Rajshahi	Pabna	063	0	8	13	02	98	01	9	146	81	8	8	9	9	/	73	72	—	—	0.6	—	65.8	59
	Sirajganj	015	9	8	09	01	97	03	2	156	76	8	0	7	1	0	72	72	+ 4	—	0.2	— 0.3	56.3	64
	Rajshahi	C52	9	8	09	03	95	60	6	154	76	8	7	4	/	/	73	70		+ 7	2.5	+ 2.2	69.8	—
	Bogra	1C2	9	8	10	CC	96	50	2	444	20	4	4	4	2	0	79	72	+ 2	+ 9	1.0	+ 0.4	59.3	69
	Dinajpur	165	3	8	05	C2	96	51	5	158	68	8	5	6	1	1	67	64	+ 11	+ 2	0.0	— 0.2	55.7	72
	Rangpur	C78	9	7	C3	05	96	62	6	165	63	7	7	6	!	!	72	65	+ 3	—	0.0	— 0.3	86.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	10	00	95	05	1	151	70	1	0	9	3	1	58	63	0	+ 16	0.0	0.0	18.0	19
	Sialkot	000	0	0	C0	00	92	00	0	150	/	C	0	9	0	0	76	49	+ 7	— 1	0.0	0.0	11.5	33
Rawalpindi	Jhelum	000	0	4	10	00	56	C3	1	157	63	4	0	9	3	0	52	61	—	—	0.0	—	31.2	—
	Islamabad																							
	Rawalpindi	000	0	3	00	00	96	10	0	168	58	0	0	9	3	8	56	56	0	+ 12	0.0	— 0.1	33.4	36
	Campbellpur																							—
Sargodha	Khushab	0°0	C	/	//	//	//	//	/	148	65	0	0	9	0	0	65	63	+ 1	+ 12	C 0	0.0	4.8	15
	Sargodha	0C0	0	1	00	00	94	04	0	153	63	1	0	9	3	0	61	61	—	0	0.0	—	20.6	—
	Lyallpur	C0C	0	0	00	00	55	C0	C	147	63	C	0	9	0	C	59	61	+ 3	+ 12	0.0	0.0	7.7	12
Multan	Sahiwal	000	0	0	00	C0	56	C5	0	155	67	0	0	9	C	0	56	61	+ 4	+ 10	0.0	0.0	1.3	10
	Multan	C00	0	0	36	C0	92	C0	0	147	61	0	0	9	0	0	61	56		—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	36	03	56	02	0	135	67	C	0	9	0	0	56	58	+ 1	+ 7	0.0	C.0	1.1	6
	Bahawalpur	C00	C	0	C0	C0	96	00	0	147	72	0	0	9	0	0	59	//	+ 8	+ 8	0.0	0.0	2.0	6
	Fort Abbas	C00	0	0	C5	02	58	00	C	128	76	C	0	9	0	0	70	70	—	0	—	—	0.8	8
Peshawar	Chakdra	0C0	0	5	C0	0C	97	02	1	156	58	2	0	9	3	9	52	54	—	—	0.0	—	23.2	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
D. I. Khan	Bannu																		—					11
	D. I. Khan	000	0	4	02	10	97	02	1	156	65	4	0	9	3	C	56	//	+ 2	/	0.0	— 0.0	6.0	9
Quetta	Sibi	...																	—					5
	Nokkundi	CC8	0	0	02	C0	97	02	0	145	61	0	0	C	0	0	42	58	—	—	0.0	—	0.3	3
Kalat	Turbat	C00	0	0	8	02	56	CC	0	025	02	0	0	9	0	0	56	//	—	/	0.0	—	0.2	—
	Jiwani																							5
	Pasni	0C0	0	0	23	C2	97	C2	C	///	/	0	0	0	0	0	69	//	+ 1	/	0.0	0.0	0.0	6
Karachi division	Ormara	CC0	0	0	00	00	55	01	0	138	71	0	0	9	0	0	71	//	—	/	0.0	0.0	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	C00	0	0	36	07	56	02	0	113	74	0	0	9	0	0	54	71	+ 10	+ 4	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	0	00	00	56	02	0	132	6·	0	0	9	0	0	46	66	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	C00	0	0	23	02	97	C2	0	151	79	6	6	6	0	0	//	78	—	—	0.0	—	0.1	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	0C0	0	0	31	C5	97	C2	C	132	73	0	0	9	0	0	52	70	0	+ 9	0.0	0.0	0.3	9
	Badin	000	0	0	36	C4	97	02	0	121	69	0	0	9	0	0	57	67	+ 5	+ 7	0.0	0.0	0.3	—
Khairpur	Padidan	000	0	0	00	00	97	02	0	144	65	0	0	9	0	0	54	61	—	—	0.0	—	0.8	—
	Nawabshah	C00	0	0	47	02	56	02	0	146	66	0	0	9	0	0	57	62	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	05	03	96	02	0	142	71	0	0	9	0	0	55	66	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	09	02	97	02	0	144	71	0	0	9	0	0	56	67	+ 2	+ 13	0.0	0.0	2.7	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	6	09	03	97	02	1	532	50	3	5	4	5	0	46	45	+ 1	+ 3	0.0	— 0.2	40.1	18
Peshawar	Drosh *	000	0	7	00	C0	96	02	2	538	51	6	8	7	2	0	38	51	—	+ 7	0.0	—	15.0	29
	Cherat *	000	0	0	36	02	98	00	0	529	58	0	0	9	0	0	46	//	+ 4	/	0.0	— 0.1	14.4	—
	Kakul *	000	0	5	31	02	98	C3	0	537	59	0	0	9	3	0	52	56	—	—	0.0	—	32.8	—
	Landikotal *	000	0	6	30	02	98	C3	6	526	54	6	7	6	/	/	52	52	—	—	0.0	—	13.0	29
	Parachinar *	000	0	7	00	00	96	03	2	535	52	5	0	6	3	0	43	49	0	+ 9	0.2	—	22.0	13
D.I. Khan	Miranshah *	000	0	4	05	05	97	92	0	532	58	4	0	9	0	0	54	54	—	/	0.0	— 0.0	2.8	11
	Wana *	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	1	00	00	97	C2	0	514	51	0	0	9	1	0	43	50	— 2	+ 9	0.0	— 0.0	4.5	—
	Hindubagh *	000	0	0	C0	00	96	02	0	554	42	0	0	9	0	0	21	32	—	—	0.0	—	6.0	9
	Loralai *	000	0	0	18	02	98	C0	0	345	50	0	0	9	0	0	32	//	—	/	0.0	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	C2	0	598	61	0	0	9	0	0	30	//	—	/	0.1	— 0.0	5.6	9
	Samungli (Quetta) *	...																	—					8
	Chaman *	000	0	0	09	07	96	00	0	514	63	0	0	9	0	0	46	//	+ 6	/	—	0.0	4.8	—
	Nushki *	000	0	4	07	03	97	02	0	558	72	0	0	9	0	0	35	68	—	—	—	—	2.6	4
	Dalbandin *	000	0	6	00	00	97	03	1	501	61	0	0	9	3	0	38	31	+ 3	+ 13	0.8	0.0	0.5	7
Kalat	Kalat *	C00	0	8	18	02	95	03	1	503	50	0	0	9	7	0	38	40	+ 5	+ 9	0.0	0.0	2.2	—
	Khuzdar *																							5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 11th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_R t_R t_R t_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wx}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Bombala	99 1 48	10 5 96	10 8 03	01 6 05	98 6 20	00 9 00	34 8 02	...	...		05 4 71	18 5 00	30 0 00	
Ostkerk	99 2 02	10 7 11	// 0 03	09 9 03	98 0 20	11 0 17	/// / /	...	74 5 04		0 / / 24	12 7 48	30 2 01	
Bombala	99 2 26	10 6 10	10 0 63	12 5 02	98 0 29	14 8 84	00 9 01	34 2 17	...		05 1 72	...	30 0 00	
Noromya	99 2 10	10 6 20	10 0 63	30 0 02	98 0 01	12 8 82	00 4 83		73 2 21		05 1 72	...	...	
British	99 1 12	10 6 13	10 0 63	1 / / 01	99 0 20	14 9 29	11 4 00	33 2 11	...		0/ / 22	12 8 44	30 0 00	
Bombala	99 2 05	10 6 48	10 1 84	00 5 06	98 0 10	14 0 80	00 9 00	13 4 40	...		05 4 71	...	30 3 03	
British Sailor	99 2 12	10 6 13	10 0 63	1 / / 01	99 0 20	14 9 29	11 4 00	22 2 11	...		0 / / 22	12 8 44	38 0 00	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_oT_oT_oT_oD_oD_o$	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	810 244 08	...	485 144 20	138 088 07	584 065 6 /	755 125 56	964 339 60	238 439 / /	...	...	...	...	...
Dacca	00 00	012 262 37	...	480 160 36	134 080 39	584 065 56	756 165 59	963 307 58	231 583 / /	...	...	...	...	...
Gilgit														
Jiwani														
Karachi			MISDA											
Multan	00 00	999 165 39	...	450 168 59	103 014 00	572 145 //	737 271 61	940 361 66	213 381 66	...	...	...	...	...
Peshawar	00 00	974 158 21	...	680 150 15	101 008 18	573 145 / /	739 225 / /	941 425 / /	...	...	...	...	...	...
Quetta	00 00	822 130 56	...	...	015 018 43	573 103 / /	738 225 / /	943 309 / /	215 447 / /	...	...	...	...	...
Sargodha	00 00	998 220 45	...	400 194 56	097 054 68	741 141 / /	740 245 / /	944 375 / /	223 541 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_cP_cT_tT_cT_{ac}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 148 08	800 108 44	600 105 4/	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 194 / /	800 123 56	600 000 41	...	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi			MISDA										
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 134 59	600 069 63	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisa	210 07	165 05	145 03	135 05	045 05	030 07	...	...	...	260 10	260 10	265 06	200 08	200 10	300 12
Bogra	...	...	No	Ascent	...	...	...	...	...	075 06	170 04	230 06	...	...	...
Chakiala	...	160 06	165 06	125 08	130 10	130 11	175 09	...	...	...	090 02	130 04	180 03	160 05	180 03
Chhor	335 02	350 04	293 03	260 03	210 05	235 04	...	...	...	075 15	070 07	032 05	270 05	250 27	270 20
Chittagong	295 05	360 03	040 04	045 09	315 03	225 09	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	270 09	270 07	265 06	345 05	035 04	040 07	...	...	...	...	...	...	...	...	...
Dacca	135 03	135 04	135 07	155 05	235 06	305 10	245 18	260 19	255 19	009 06	160 08	195 09	...	230 15	...
Dalbandin	...	...	180 12	215 00	215 07	220 19	265 19	265 22	270 27	...	...	350 03	170 08	300 06	270 14
D. I. Khan	075 04	090 53	115 06	150 60	150 09	190 08	120 05	3.0 06	240 08	160 06	160 06	170 05	185 03	290 04	315 02
Drosh	...	...	...	215 02	230 01	120 02	...	...	...	...	...	...	165 11	200 06	190 11
Fort Sandeman	...	...	...	015 05	085 04	185 03	...	...	...	...	...	...	015 02	020 05	225 18
Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	165 03	260 01	050 3.
Ishurdi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	275 03	145 02	350 03	115 05	085 10	160 05	240 13	235 28	235 33	090 15	095 13	100 07	305 02	245 03	325 05
Jessore	175 11	170 12	200 12	195 12	160 18	200 03	...	...	...	225 10	235 12	225 12	205 15	205 12	285 19
Jhelum	340 02	009 01	105 04	070 06	110 08	180 04	...	...	...	005 04	110 05	14. 04	150 08	100 09	080 03
Jiwani	245 04	290 03	250 05	280 11	275 17	260 19	280 28	265 33	280 36	270 21	275 71	001 / /	295 19	275 20	202 2/
Karachi	065 08	060 11	060 13	060 09	025 08	035 11	260 14	245 24	250 31	...	...	...	...	...	...
Khanpur	050 07	040 08	040 08	055 05	145 03	195 06	250 14	250 21	240 25	025 10	030 10	030 09	060 09	120 08	205 06
Khuzdar	...	...	...	...	...	...	...	...	...	...	...	...	100 02	135 04	130 08
Lahore	410 01	125 03	120 04	145 04	155 04	105 05	155 07	240 13	225 15	120 07	100 04	100 03	155 03	200 06	220 07
Multan	050 07	065 07	070 06	080 07	085 11	100 06	215 07	...	...	065 07	060 00	060 04	205 04	050 08	235 10
Nawab Shah	335 06	015 05	060 05	085 06	225 05	225 13	240 19	305 36	325 48	020 16	025 14	060 71	125 04	318 04	265 06
Nokkundi	...	...	230 05	230 08	205 13	180 15	255 20	275 21	275 40	...	...	180 03	200 06	210 05	220 06
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	210 0/	230 4/	340 03	325 02	210 02
Parachinar	...	...	...	105 03	140 04	...	195 15	...	...	...	...	...	180 08	159 01	...
Quetta	...	...	...	...	190 11	205 19	...	...	...	...	...	...	...	...	...
Sargodha	065 04	150 04	135 04	115 03	030 04	030 08	235 14	...	...	125 86	095 03	035 02	350 04	105 08	010 07
Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	020 04	025 02	345 02	245 04	350 02	...	...	...	...	155 04	175 01	290 03	240 10	230 19	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION I	17	18	19	20	21	22	23	24	25	26	27
Barisa	220 04	230 03	205 04	215 08	215 15	...	...	...	...	...	...
Bogra	155 0/	205 13	250 22	...	...	...	...	...	...	...	...
Chakiala	...	100 02	105 03	135 04	059 08	170 05	295 12	...	...	...	...
Chhor	080 08	070 11	060 09	020 05	050 03	285 07	260 30	255 32	255 37	...	...
Chittagong	260 04	250 03	265 05	235 10	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	245 04	240 06	240 10	230 09	...	...	...	...	...	...	...
Dalbandin	...	...	075 12	140 10	150 10	240 11	155 07	210 20	250 25	...	...
D. I. Khan	110 03	095 05	075 06	105 03	175 03	155 03	275 10	280 09	255 10	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	285 02	280 03	195 13	260 15	265 16	280 21	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	...	...	...	...	...	...	...	...	...	...	...
Jessore	210 10	230 12	220 15	210 19	220 20	...	...	...	...	...	...
Jhelum	305 01	155 05	115 02	140 04	155 11	160 06	205 13	205 17	200 18	...	...
Jiwani	305 10	280 17	290 11	265 11	325 16	270 15	...	255 22	...	...	...
Karachi	050 10	055 12	055 10	050 08	130 01	110 04	320 07	260 20	250 25	...	...
Khanpur	060 16	060 27	040 27	040 31	040 37	015 33	020 57	250 18	340 19	...	...
Khuzdar	...	...	...	140 08	220 11	220 08	260 08	...	...	...	...
Lahore	185 02	185 05	185 06	185 06	180 05	190 07	220 15	225 13	225 13	...	...
Multan	085 06	065 06	080 06	080 19	075 13	045 12	305 19	...	...	...	...
Nawab Shah	120 04	100 04	040 03	030 04	030 07	255 05	250 27	260 37	255 41	...	...
Nokkundi	...	...	135 01	180 05	140 07	130 05	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	340 03	290 04	935 03	175 04	190 04	...	...	...	...	...
Parachinar	...	...	...	170 05	145 04	...	...	...	...	...	...
Quetta	...	...	...	...	175 15	235 22	...	...	...	...	...
Sargodha	215 02	135 03	130 02	105 03	085 06	010 05	230 10	205 15	225 21	...	...
Skardu	...	...	...	285 62	// / /	...	...	...	...	...	...
Sylhet	050 50	100 02	255 05	235 14	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION I	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	015 11	015 08	015 08	015 08	015 08	055 08	250 10	210 08	210 06	...	...	...	...	...	...	...	...	...
Multan	075 21	075 19	075 14	095 08	100 10	120 15	115 18	115 18	105 22	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		
Sarg.dha																		

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

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

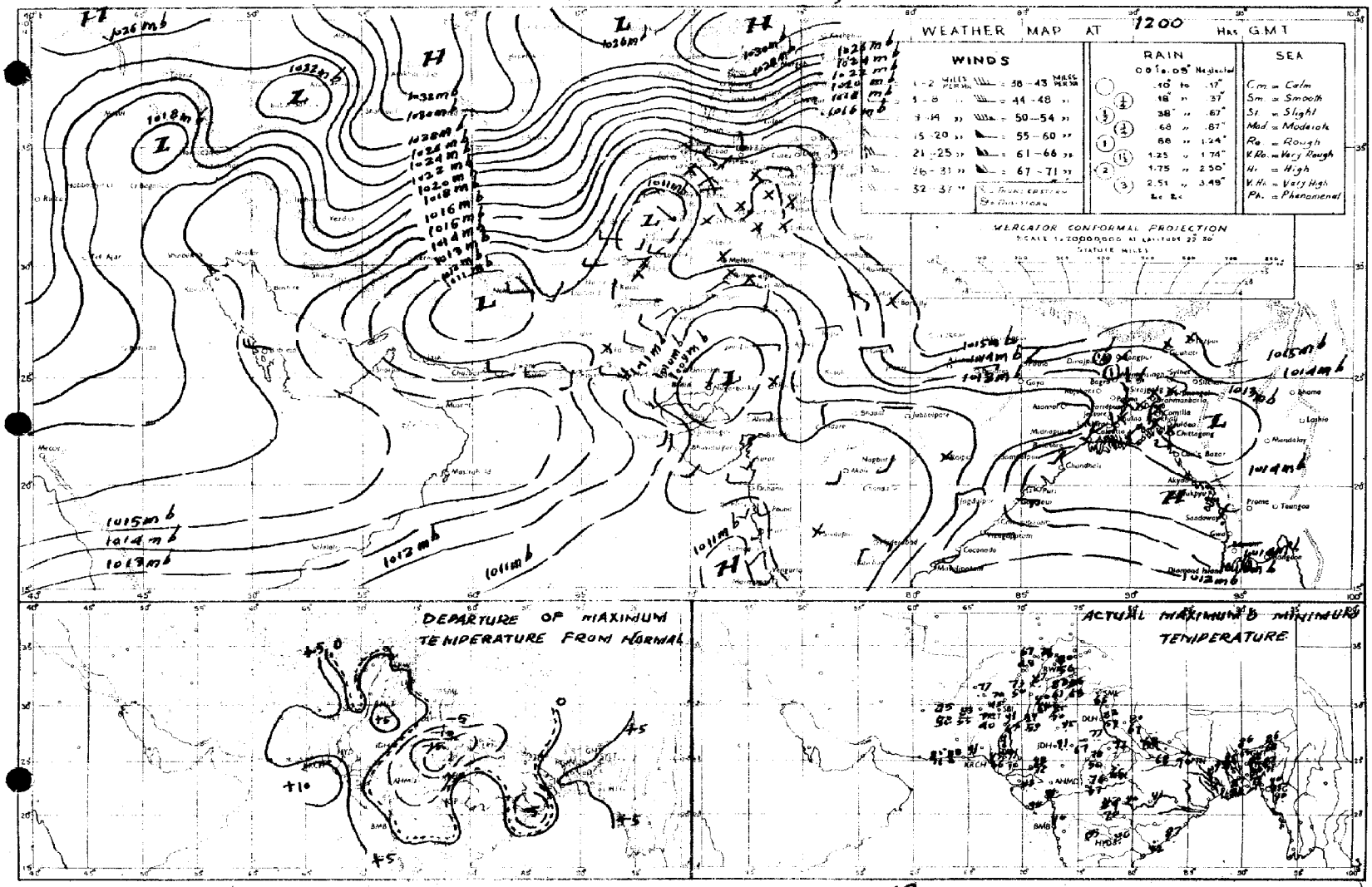
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

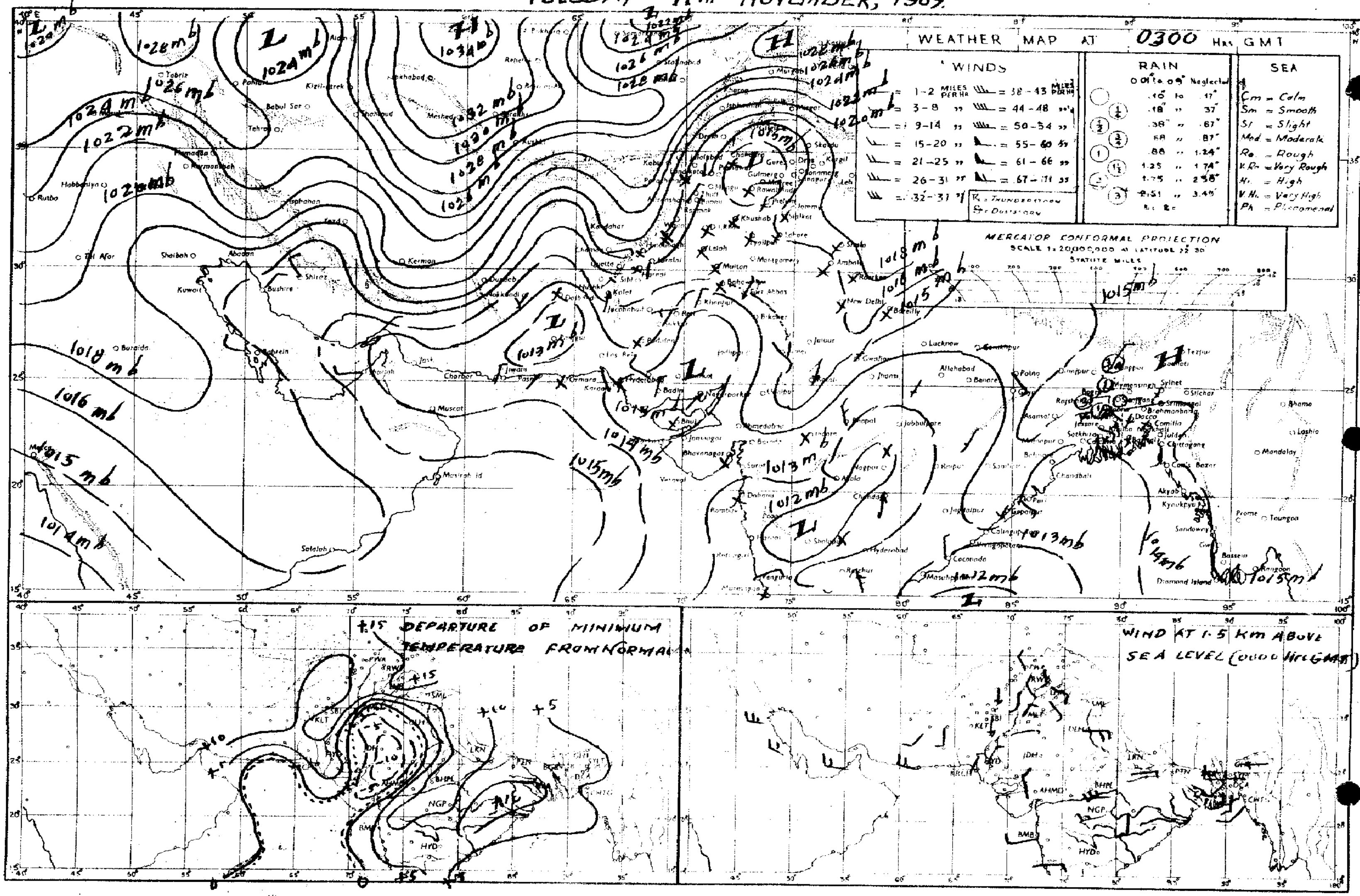
MONDAY 10TH NOVEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 11TH NOVEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 12th NOVEMBER 1969.

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

Yesterday's western disturbance over western divisions of west Pakistan is now moving across the central and northern divisions. A low pressure area lies over Gujrat and adjoining areas. Thunderstorms/ showers have been local in Peshawar and Rawalpindi divisions and scattered in D. I. Khan and Quetta divisions. The trough of low pressure area over west Bengal and neighbourhood persists. Rain/thundershowers have been widespread in Dacca and Rajshahi division and local elsewhere in East Pakistan.

Chief amounts of rainfall are : Faridpur 1½", Dacca and Narayanganj 1" each, Rangpur and Murree ¾" each. Dinajpur (upto 12) Chittagong, Sylhet, Pabna, Peshawar, Cherat and Kakul ½" each, Brahmanbaria, Landikotal (both upto 1200 Z) Bannu (upto 000Z), Khulna, Jessore, Sirajganj, Rajshahi, Bogra, Drosh and Hindubagh ¼" each.

Night temperatures were 9—14 °F (5—8 °C) above normal in Khulna, Rajshahi, Rawalpindi, Sargodha, Multan, D. I. Khan and Khairpur divisions and were 3—8 °F (2—4 °C) so elsewhere in the country.

Forecast valid until the evening of 13th November 1969 :—Rain/thundershowers will be local in East Pakistan and scattered in Rawalpindi, Peshawar, Sargodha, Lahore, D. I. Khan and Multan divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 12th November, 1969.

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

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature * TT	Amount of Lowest Cloud † Nh	Low Cloud 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 konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	030	6	3	27	02	96	01	6	119	85	3	3	6	7	0	7	90	023	0	5	18	02	98	01	1	139	59	3	4	6	7	0	72	76	—	—	—	—	—	—
	Cox's Bazar ...	000	0	8	00	00	//	03	2	109	80	4	4	4	3	0	76	87	000	0	4	13	05	96	01	1	127	85	3	4	4	7	0	54	73	+ 2		0.1	— 2.2	9?.3	140
	Chittagong ...	063	9	5	13	02	//	01	6	111	78	1	1	5	3	0	71	85	064	9	7	13	03	96	03	0	130	82	6	4	4	3	0	73	72	— 1	+ 5	0.7	— 0.7	105.1	108
	Maijdee Court ...	000	9	0	00	00	//	00	0	096	82	0	0	9	/	7	70	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					1.5
	Comilla ...	000	0	5	00	00	96	02	2	103	86	5	5	7	0	0	76	87	010	3	7	00	00	96	02	6	119	76	7	4	4	/	0	73	73	+ 2	+ 8	0.0	— 0.7	102.7	94
	Brahmanbaria ...	020	1	8	19	02	//	62	6	111	80	8	5	5	1	/	73	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					78
	Sylhet ...	000	0	8	00	00	//	02	2	105	73	4	5	4	7	/	70	77	C67	6	8	00	00	94	52	1	121	72	4	6	3	4	8	72	65	—		0.7	— 0.1	4?.9	—
	Srimangal ...	000	0	8	00	00	//	03	0	116	76	4	5	5	7	2	72	87	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					98
Dacca	Mymensingh ...	013	3	7	00	00	//	02	2	103	76	7	4	4	0	0	70	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					91
	Narayanganj ...	013	2	7	23	05	96	21	0	103	76	5	7	3	2	/	70	87	102	3	8	23	02	97	03	6	126	77	8	6	3	/	/	76	72	+ 3	+ 5	1.0	+ 0.3	81.9	74
	Dacca (Tezgaon) ...	037	3	8	23	05	97	61	0	107	72	5	5	4	7	/	72	87	123	9	9	18	05	96	02	6	120	75	5	5	4	2	0	73	73	—	—	1.2	—	65.6	—
	Faridpur ...	000	0	8	00	00	92	61	1	100	76	7	5	4	1	0	73	85	134	3	6	00	00	97	02	2	120	79	4	4	5	1	0	73	73	+ 3	+ 8	1.3	0.6	58.2	71
Khulna	Barisal ...	000	0	5	00	00	//	02	2	105	80	5	0	9	2	0	80	87	000	0	7	23	03	97	02	2	125	81	4	4	5	2	0	76	76	+ 4	+ 10	0.0	— 1.0	64.2	81
	Khulna ...	000	0	4	13	05	97	02	0	103	82	2	2	4	0	0	76	90	025	5	4	00	00	97	02	0	093	79	2	2	4	2	0	79	76	+ 7	+ 1	0.3	— 0.5	73.4	68
	Satkhira ...	000	0	6	18	02	96	03	2	103	82	3	4	6	2	0	72	90	000	0	6	23	03	97	03	4	124	79	4	4	5	0	0	73	75	+ 5	+ 13	0.0	— 0.5	61.6	65
	Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	024	5	7	23	05	97	21	6	120	77	6	6	3	7	0	73	73		—	0.2	— 0.4	61.6	65
Rajshahi	Pabna ...	060	5	9	00	00	//	01	6	103	76	/	/	/	/	/	73	82	040	6	7	27	04	97	01	6	118	77	4	7	8	0	0	76	73	—	—	1.0	—	66.2	59
	Sirajganj ...	007	2	8	36	01	98	02	2	131	76	8	0	7	8	0	73	80	018	9	8	00	00	96	02	2	119	76	7	6	6	0	0	73	72	—	—	0.3	— 0.2	56.5	64
	Rajshahi ...	033	9	8	00	00	94	03	6	102	73	8	7	4	/	/	73	78	037	9	6	36	02	95	03	6	127	72	8	7	4	/	/	72	72	— 4	+ 9	2.9	+ 1.6	72.4	—
	Bogra ...	124	0	8	00	00	//	02	6	103	72	5	4	4	2	/	73	76	024	4	7	36	02	96	20	5	119	73	3	5	4	2	0	72	72	— 6	+ 9	1.3	+ 1.6	59.5	49
	Dinajpur ...	055	9	8	05	02	//	51	6	108	70	8	5	6	/	/	67	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 13					72
	Rangpur ...	052	8	7	13	02	96	21	6	115	76	7	7	6	0	0	54	76	072	9	7	09	05	96	02	6	176	72	1	5	6	0	0	70	64	—	— 2	0.7	— 0.6	86.7	84
Kashmir	Jammu ...																																								
Lahore	Lahore (Jail Rd.) ...	000	0	3	00	00	96	02	0	107	80	2	2	6	3	2	80	86	000	0	6	00	00	95	05	9	136	67	0	0	9	0	1	56	63	+ 2	+ 3	0.0	0.0	17.9	19
	Sialkot ...	000	0	0	00	00	99	00	0	110	80	0	0	9	0	0	70	91	000	0	0	00	00	90	00	0	160	72	0	0	9	0	0	76	49	+ 9	— 1	0.0	0.0	11.5	32
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	100	78	0	0	9	0	0	58	86	004	2	2	00	00	98	01	9	135	63	2	0	9	3	0	58	61	—	—	0.0	—	31.2	—
	Islamabad ...																																								
	Rawalpindi ...	000	0	2	00	00	98	00	0	111	82	0	0	9	0	8	58	82	014	9	6	05	02	99	01	9	153	61	2	2	7	6	0	56	59	+ 4	+ 14	0.1	— 0.0	33.6	36
	Campbellpur ...																																								
Sargodha	Khushab ...	000	0	0	00	00	98	00	0	101	82	0	0	9	0	0	73	83	000	0	0	00	00	97	10	1	122	65	0	0	9	0	0	63	63	+ 3	+ 12	0.0	0.0	4.8	15
	Sargodha ...	000	0	1	00	00	97	02	0	102	78	1	1	6	0	0	63	87	000	0	4	09	04	96	04	0	133	67	4	0	9	3	0	58	69	—	—	0.0	—	20.6	—
	Lyallpur ...	000	0	0	00	00	96	00	0	096	82	0	0	9	0	0	68	87	600	0	4	00	00	97	02	0	135	65	4	0	9	4	0	59	63	+ 5	+ 14	0.0	0.0	7.7	13
Multan	Sahiwal ...																																								10
	Multan ...	000	0	0	00	00	97	02	0	058	80	0	0	9	0	0	58	90	000	1	7	36	02	96	50	5	157	65	3	5	6	7	0	58	63	+ 6	+ 12	0.0	0.0	1.3	7
	Leiah ...	000	0	0	36	00	94	00	0	114	90	0	0	9	0	0	47	90	000	0	0	36	00	97	00	0	149	63	0	0	9	0	0	61	58	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	098	80	0	0	9	0	0	58	87	000	0	1	36	05	94	41	0	132	65	1	0	9	3	0	56	59	0	+ 8	0.0	0.0	1.1	6
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	000	0	0	00	00	96	00	0	143	72	0	0	9	0	0	60	60		+ 9	0.0	0.0	2.0	6
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	000	0	0	00	00	98	00	0	132	//	0	0	9	0	0	70	67	//	—	0.0		0.8	8
Peshawar	Chakdra ...	000	0	5	23	03	97	01	2	107	67	4	6	9	3	0	56	68	003	0	6	05	03	97	01	2	///	58	6	0	9	3	0	54	56	—	—	0.0	—	23.2	—
	Peshawar ...	000	0	7	36	03	97	17	1	119	72	6	3	6	3	0	51	77	043	0	1	00	00	97	01	0	159	56	1	5	6	3	0	54	56	0	+ 7	0.4	+ 0.4	14.3	11
	Haripur ...	000	0	0	23	02	96	00	0	102	76	0	0	9	0	0	56	78	0?2	8	8	05	03	97	03	0	162	61	5	8	9	5	4	58	56	—	—	—			—
D. I. Khan	Bannu ...	..	..	..	...	..	..	..	..	..	..	..	..	..		..	..	..	000	0	0	05	02	99	00	6	147	59	0	0	9	0	0	56	56	—	—	—	—	—	11
	D. I. Khan ...	000	0	3	00	00	97	03	0	100	62	1	1	6	5	0	60	82	000	0	0	00	00	97	02	0	140	63	0	0	9	0	0	58	61	— 1	+ 12	0.0	— 0.0	5.9	9
Quetta	Sibi ...	000	0	2	18	03	97	03	1	101	86	0	2	9	2	0	56	94	000	0	2	27	02	97	03	1	136	66	0	2	9	2	0	58	61	—	—	0.0	—	0.2	5
	Nokkundi ...	000	0	1	38	05	96	01	0	091	77	1	5	6	0	0	47	81	008	0	0	00	00	97	02	0	161	55	0	0	9	0	0	37	65	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	03	96	00	0	974	88	6	0	9	6	0	57	88	000	0	0	23	02	96	00	0	998	72	0	0	9	0	0	62	—	—	—	0.0	—	0.2	—
	Jiwani ...	000	0	0	27	09	96	02	2	007	83	0	0	9	0	0	63	85	000	0	0	36	03	96	01	0	116	71	0	0	9	0	0	65	70	—		0.0	—	2.0	5
	Pasni ...	000	0	0	25	08	97	02	0	106	83	0	0	0	0	0	75	89	000	0	0	2?	06	97	02	0	119	69	0	0	9	0	0	66	//	+ 3	/	0.0	0.0	0.0	6
Karachi division	Ormara ...	000	0	1	27	03	96	04	4	111	84	1	8	6	0	0	75	85	000	0	0	00	00	96	02	0	125	76	0	0	9	0	0	73	//	—	/	0.0	0.0	0.6	6
	Lasbela ...																																								8
	Karachi (Manora) ...	000	0	0	27	03	97	02	0	095	87	0	0	9	0	0	64	94	000	0	0	00	00	96	02	0	119	73	0	0	9	0	0	66	73	+ 8	+ 6	0.0	— 0.1	1.1	8
	Karachi (Airport) ...	000	0	1	27	05	96	02	0	095	86	1	5	3	0	0	53	96	000	0	0	00	00	96	02	0	119	69	0	0	9	0	0	53	67	—	—	0.0	— 0.1	1.5	—
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	02	0	120	92	6	6	6	0	0	71	98	000	0	0	05	02	97	02	0	151	79	0	0	9	0	0	57	79	—	—	0.0	—	0.1	—
	Chhor ...	000	0	3	00	00	96	03	0	079	92	3	5	7	0	0	56	97	000	0	0	00	00	96	02	0	120	71	0	0	9	0	0	53	61	—	—	0.0	—	0.3	7
	Hyderabad ...	000	0	0	31	03	97	02	0	098	89	0	0	9	0	0	57	93	000	0	0	00	00	97	03	0	123	70	0	0	9	0	1	55	68	+ 3	+ 7	0.0	0.0	0.3	9
	Badin ...	000	0	0	36	04	97	02	0	094	94	0	0	9	0	0	67	97	000	0	0	31	00	97	02	0	147	70	0	0	9	0	0	60	68	+ 5	+ 8	0.0	0.0	0.3	—
Khairpur	Padidan ...	000	0	0	00	00	97	02	0	100	87	0	0	9	0	0	54	89	000	0	0	00	00	97	02	0	125	69	0	0	9	0	0	56	60	—	—	0.0	0.0	0.8	—
	Nawabshah ...	600	0	0	00	00	96	02	0	102	88	0	0	9	0	0	65	93	000	0	0	31	02	96	02	0	128	64	0	0	9	0	0	57	61	—	—	0.0	—	1.1	4
	Sukkur ...	000	0	0	13	03	96	02	0	058	89	0	0	9	0	0	56	97	000	2	3	13	03	96	01	1	124	72	3	0	9	6	0	57	67	—	—	0.0	0.0	0.1	—
	Kashmore ...																																								4
	Jacobabad ...	000	0	0	03	02	97	02	0	092	87	0	0	9	0	0	56	89	000	0	1	07	02	96	03	0	124	71	1	0	9	3	0	57	68	+ 2	+ 14	0.0	0.0	2.8	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								
Kashmir	Srinagar * ...																																								—
	Gulmarg ** ...																																								71
	Sonamarg ** ...																																								26
	Dras ** ...																																								3
	Leh ** ...																																								6
	Skardu * ...																																								—
	Misgar ** ...																																								—
	Aliabad * ...																																								5
	Gilgit * ...																																								59
Rawalpindi	Murree * ..	000	0	6	00	00	97	02	1	501	54	4	1	3	5	0	45	60	077	2	5	09	09	97	02	9	537	45	5	5	3	0	/	40	44	+ 2	— 2	0.8	— 0.5	40.9	18
Peshawar	Drosh * ...	005	2	8	00	00	95	60	6	533	50	8	7	6	0	0	41	63	025	0	7	00	00	96	50	2	559	47	7	8	6	0	0	45	45	—	+ 1	—	—	—	29
	Cherat * ...	000	0	3	36	02	97	02	0	498	60	3	4	7	0	0	49	67	061	0	3	00	00	98	01	0	504	52	0	0	7	0	0	47	//	0	—	0.4	+ 0.5	15.0	—
	Kakul * ..	002	0	1	36	05	97	01	6	///	//	1	2	5	0	0	51	72	042	7	6	27	02	98	03	6	514	52	6	3	4	/	/	09	49	—	—	0.6	—	33.3	—
	Landikotal * ...	020	1	8	36	02	//	//	/	544	56	8	7	6	0	0	47	64	000	0	4	36	02	98	01	4	518	56	4	3	9	0	0	49	47	—	—	0.0	—	13.0	29
	Prachinar * ...	011	5	7	23	05	96	95	9	511	51	6	9	6	4	0	45	63	007	0	0	00	00	99	02	0	518	48	0	0	9	0	0	41	43	— 3	+ 3	0.3	—	21.6	13
D.I. Khan	Miranshah * ...	...	...	..	...	...	...	...	..	..	...	..	..	..	..		..	..	000	0	7	05	09	98	02	9	535	49	0	0	0	0	0	47	//		—	0.0	— 0.0	2.0	11
	Wana * ...	000	0	7	31	02	97	50	5	409	73	6	2	9	2	0	67	83	...	..	...	..	...	...	...	...	...	.	..	...	...	..		...	...	—					11
Quetta	Fort Sandeman * ...	000	0	6	31	09	97	03	1	493	63	6	7	7	0	0	37	74	000	0	0	00	00	97	01	0	500	50	0	0	9	0	0	42	49	+ 1	+ 7	0.0	— 0.0	6.5	—
	Hindubagh * ...	000	0	8	23	03	92	50	0	50	62	8	8	4	0	0	36	63	025	0	0	00	00	97	02	0	554	42	0	0	9	0	0	21	32	—	—	0.0	—	5.9	9
	Loralai * ...	000	0	8	27	02	98	01	0	390	84	0	1	8	0	8	45	68	005	0	0	18	02	98	00	0	360	45	0	0	9	0	0	32	44	—	—	0.0	—	0.6	—
	Barkhan * ...																																								14
	Harnai * ...	000	0	0	00	00	96	02	0	489	80	0	0	0	0	0	37	82	000	0	0	00	00	97	02	0	598	61	0	0	0	0	0	41	//	—	—	0.1	— 0.1	5.7	9
	Samungli (Quetta) * ...	000	0	6	13	05	96	02	3	515	56	6	8	6	0	0	47	56	002	0	0	00	00	96	02	0	524	43	0	0	9	0	0	41	40	—	—	0.1	0.0	3.2	8
	Chaman * ...	000	0	9	27	14	96	29	0	499	57	9	0	7	0	0	52	73	000	0	0	00	00	97	00	0	522	50	0	0	9	0	0	46	48	+ 4	+ 5	0.0	0.0	4.8	—
	Nushki * ...	000	9	6	31	05	97	03	0	534	74	0	6	9	0	2	31	85	000	0	4	31	03	97	02	0	514	53	0	0	9	0	0	17	51	—	—	0.0	—	2.7	4
	Dalbandin * ...	000	0	3	13	03	97	03	0	502	76	3	0	7	0	0	45	81	000	9	1	05	05	97	03	5	510	52	1	0	9	3	0	39	50	+ 2	+ 8	0.0	0.0	0.5	7
Kalat	Kalat * ...	000	0	6	23	03	95	02	1	482	58	0	8	9	0	0	43	65	000	0	2	16	02	96	01	1	497	44	0	2	9	0	0	35	39	+ 1	+ 8	0.0	0.0	2.2	—
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	000	0	2	00	00	96	02	0	497	57	2	5	6	0	0	25	55		—	—	—	—	5
	Panjgur * ...																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 12th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_R t_R t_R t_R$	$8N_sCh_sh_s$	$OT_eT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	d $d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 09	10 2 01	12 0 03	03 2 06	99 0 30	10 0 18	00 9 00	23 4 00			00 2 25			
Bombala	99 1 82	10 6 66	11 0 63	23 6 05	98 0 30	13 3 29	21 5 00	01 1 05			00 0 75	–	30 2 01	28 6 02
Osstkerk	99 2 15	10 6 94	11 0 63	11 0 01	98 0 10	12 6 39	11 4 00	23 1 23			01 / 24	12 7 80	30 3 01	...
Oastkerk	99 2 30	06 8 02	11 1 23	03 2 06	98 0 30	10 2 27	00 9 00	23 6 05			01 / 22	12 7 02	30 1 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (P₀P₀P₀ ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		hhh TTT, DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	090 240 11	...	400 120 25	103 060 50	581 075 59	751 187 59	963 307 58	233 545 //	413 631 //	...	...	...	...
Gilgit ...											...	...	...	...
Jiwani ...														
Karachi ...	00 00	007 200 57	...	450 190 40	017 004 //	566 121 //	744 221 //	952 335 //	229 495 //	...	...	...	...	...
Multan ...	00 00	999 170 40	...	500 134 61	092 019 61	570 285 //	734 281 //	936 385 //	202 515 //		...	...	...	...
Peshawar ...	00 00	972 136 04	...	450 102 00	063 024 00	569 143 //	735 253 //	937 397 //	207 525 //	390 607 //	...	...	...	...
Quetta ...	00 00	820 078 12	...		044 107 //	505 287 //	7 2 403 //	912 567 //			...	...	...	...
Sargodha ...	00 00	958 294 50	...	500 170 59	129 040 57	788 120 //	744 245 //	949 371 //	220 271 //	404 591 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD: 18	19	20	21	22	23	24	25	26	Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17										27	28	29
Chittagong ...													
Dacca ...	00 00	800 106 45	603 001 50	350 239 59	250 469 //	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 044 //	600 187 //	350 517 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10
Barisa ...	260 10	275 12	289 20	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	195 15	235 16	345 21
Chakiala ...	...	185 06	170 04	115 05	125 08	180 03	...	...	...
Chhor ...	270 04	250 04	330 21	235 06	335 01	350 01	...	...	...
Chittagong ...	205 05	230 05	250 05	240 10	205 05	280 10	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	060 06	075 08	315 08	250 07	205 05	125 04	...	...	...
Dacca ...	170 08	200 12	210 13	011 23	233 13	090 20	...	...	...
Dalbandin ...	...	...	135 05	255 02	230 10	230 07	240 10	270 22	265 32
D. I. Khan ...	190 04	165 05	165 03	155 07	160 08	220 07	265 09	280 07	250 19
Drosh ...	No	Ascent	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	260 09	205 05	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 04	150 04	150 06	175 05	235 05	240 08	285 14	270 23	255 17
Jessore ...	240 15	240 18	225 19	220 19	...	...	...	...	...
Jhelum ...	190 05	180 07	170 07	085 03	090 07	170 11	170 07	...	175 13
Jiwani ...	250 10	250 10	250 11	240 16	255 15	245 11	270 19	265 38	260 41
Karachi ...	250 14	245 10	255 07	020 03	045 05	085 04	275 10	270 22	265 15
Khanpur ...	350 20	350 23	355 09	005 14	075 09	085 16	245 12	315 13	230 14
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	275 02	260 02	280 02	265 02	200 13	200 19	235 10	235 15	250 10
Multan ...	105 05	100 05	110 04	110 05	115 08	040 04	325 17	285 23	225 46
Nawab Shah ...	280 03	315 04	315 02	060 03	350 04	255 06	270 05	240 07	250 04
Nokkundi ...	...	...	316 12	135 01	215 07	230 12	255 26	255 16	255 32
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	305 09	305 10	015 08	130 09	170 15	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	No	Ascent	...	...	...	...	...	...	...
Sargodha ...	050 01	230 02	210 02	105 04	355 03	315 06	245 08	240 17	255 25
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	090 02	085 05	290 08	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisa ...	320 16	235 15	...	...	...	...
Bogra ...	345 07	...	...	...	...	...
Chakiala ...	...	060 12	115 06	155 06	245 01	...
Chhor ...	140 05	140 01	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	200 19	230 27	255 23	...	275 24	...
Dalbandin ...	...	...	080 20	110 12	145 10	195 09
D. I. Khan ...	345 04	010 06	020 07	100 07	115 06	115 11
Drosh ...	...	...	...	210 02	220 03	310 00
Fort Sandeman ...	...	...	...	215 06	250 11	305 14
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	110 08	115 09	115 10	150 13	255 15	150 15
Jessore ...	240 24	225 27	245 06	260 16	265 12	..
Jhelum ...	Drizzl	e	...	...	...	...
Jiwani ...	325 05	265 10	230 11	265 18	260 10	255
Karachi ...	...	...	...	...	...	...
Khanpur ...	355 06	345 03	340 03	300 09	260 09	265 07
Khuzdar ...	...	...	...	310 06	275 05	255 09
Lahore ...	335 01	300 01	320 03	275 06	315 03	...
Multan ...	055 13	080 09	165 04	245 08	240 08	260 13
Nawab Shah ...	170 04	205 04	225 04	245 08	235 08	185 05
Nokkundi ...	..	...	180 06	220 06	230 08	240 11
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	285 04	320 06	355 06	220 09	220 12
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	270 10	275 15
Sargodha ...	210 05	230 07	...	...	...	...
Skardu ...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisa ...	245 10	250 16	255 18	260 17	...	...	...	...	...	...	...
Bogra ...	350 03	...	...	...	...	...	...	...	...	...	...
Chakiala ...	...	195 03	105 08	125 10	165 03	210 10	...	...	...	...	...
Chhor ...	14 08	240 02	250 02	080 24	155 04	200 04	210 08	220 05	230 17	...	...
Chittagong ...	215 11	215 13	225 17	230 16	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	220 19	220 28	230 20	235 19	245 10	245 08	...	...	...	...	...
Dacca ...	250 19	250 24	255 22	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	080 07	085 08	085 09	095 07	235 11	225 18	225 31	...	...
D. I. Khan ...	075 04	070 05	015 04	030 33	295 06	245 12	255 13	250 21	260 21	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	240 06	225 10	288 14	310 19	290 14	255 18	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	110 11	100 15	110 14	110 11	125 07	220 05	240 14	245 19	245 25	260 69	...
Jessore ...	260 18	270 14	280 11	...	...	...	...	...	...	...	...
Jhelum ...	330 33	040 08	045 06	170 10	210 05	253 10	235 15	250 19	240 16	...	...
Jiwani ...	260 05	275 05	275 07	200 08	230 12	245 13	270 24	210 38	270 49	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	280 04	280 02	326 03	320 10	325 03	355 12	215 04	...	250 14	...	...
Khuzdar ...	095 05	130 05	090 25	280 37	320 05	270 31	270 31	..	260 40	255 66	265 76
Lahore ...	...	...	...	065 03	010 01	195 02	...	...	...	...	...
Multan ...	235 02	260 03	285 03	300 04	325 07	235 14	275 15	265 15	260 23	...	...
Nawab Shah ...	055 07	110 08	150 07	140 06	215 12	250 16	250 23	280 26	285 29	255 31	265 53
Nokkundi ...	400 03	065 03	165 02	175 06	200 05	190 06	255 18	240 21	255 27	...	...
Panjgur ...	...	...	245 04	090 26	115 02	210 04	250 14	315 25	320 02	345 24	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	360 03	355 03	130 02	155 03	265 08	230 13	265 18	260 28	260 64	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	260 12	230 06	...	...	...	...	...
Skardu ...	005 03	250 01	240 02	240 07	065 08	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	290 14	290 14	290 13	290 10	270 13	290 11	265 20	065 33	260 24	251 06	...	...	...	...	...	...	...	...
Multan ...											...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sarg dha ...																		

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

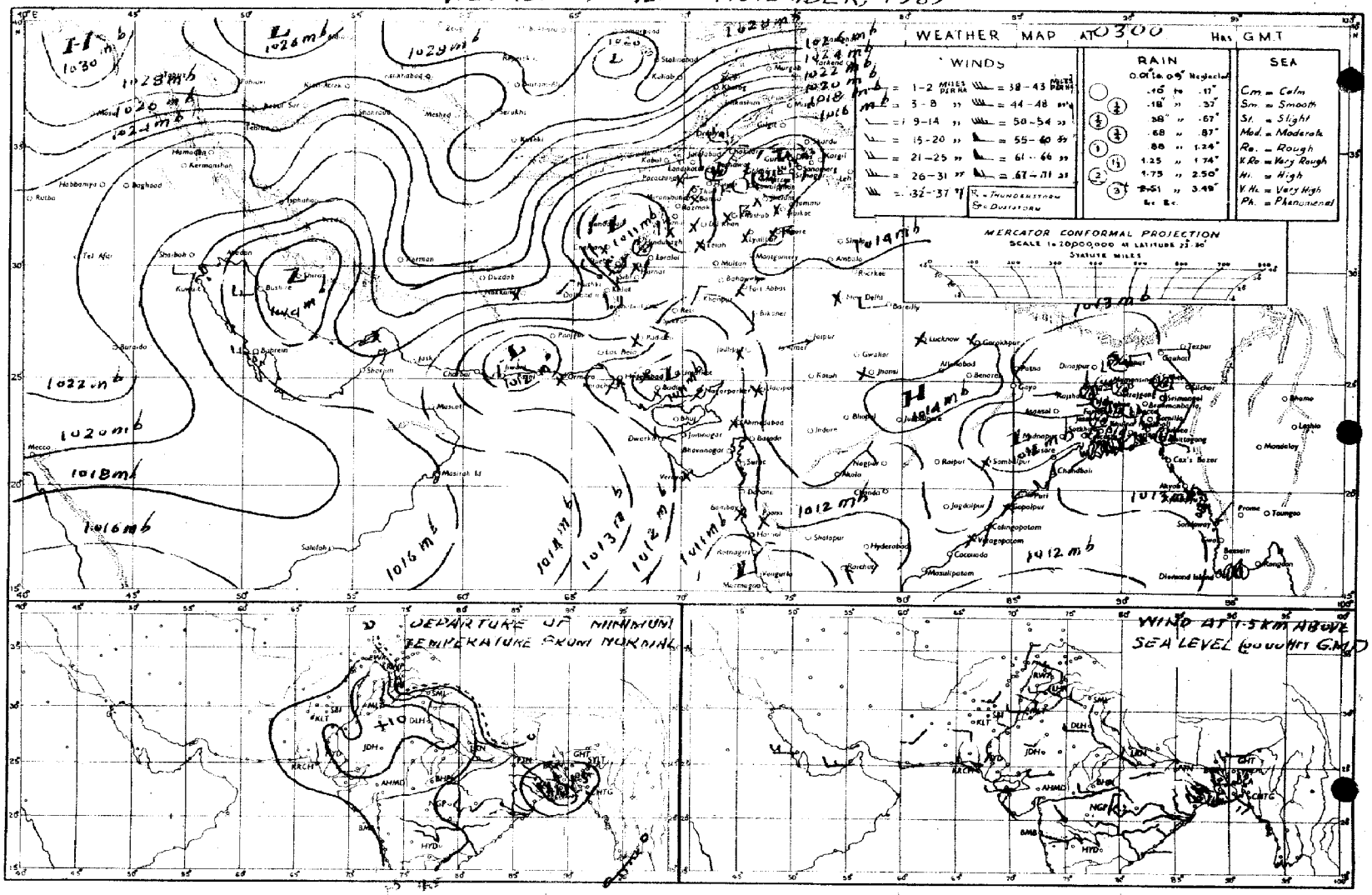
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres,
TT—Dry Bulb temperatures in °C
Ta – Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperature.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

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

PAKISTAN DAILY WEATHER MAP

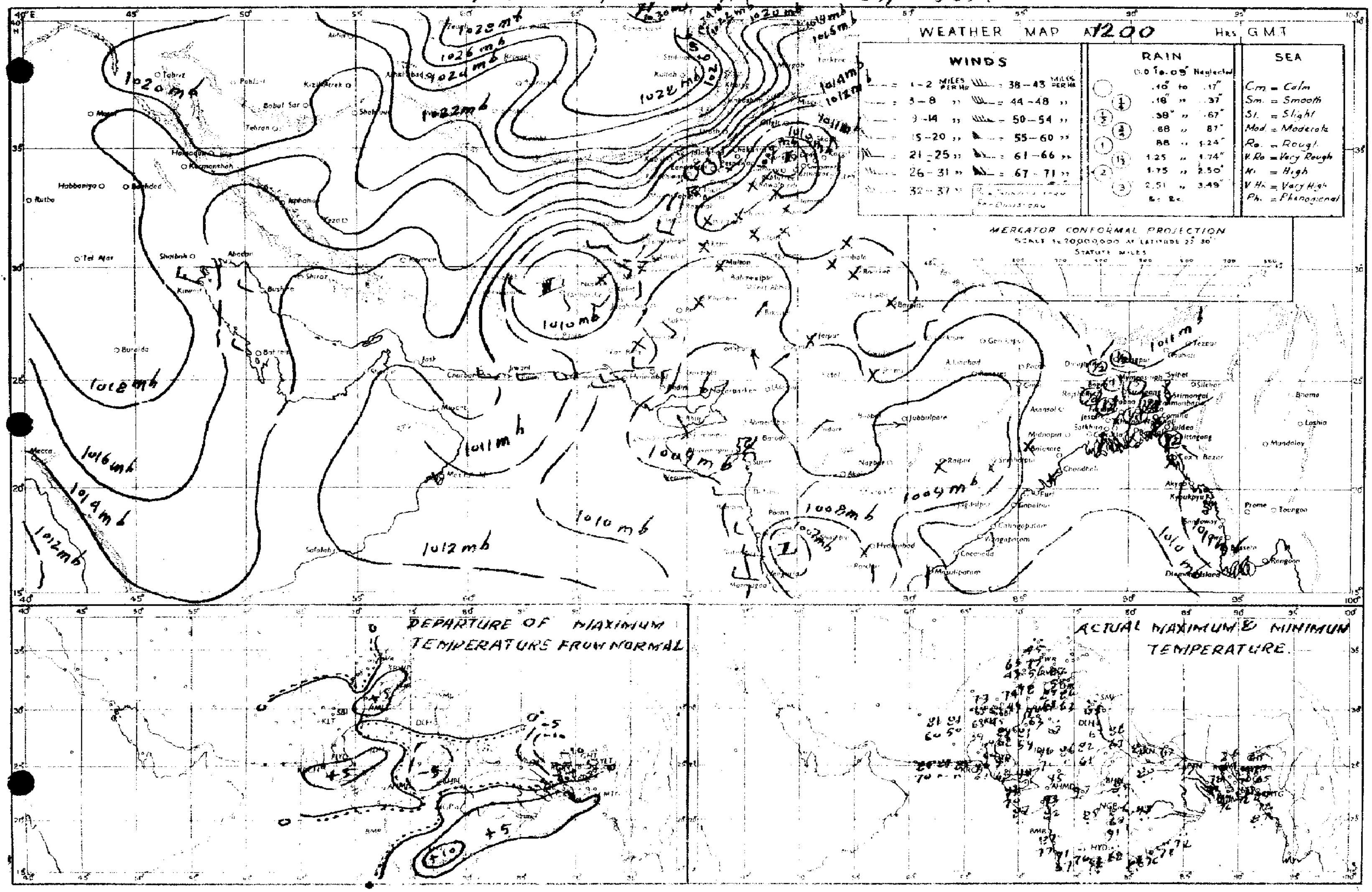
WEDNESDAY 12th NOVEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 11th NOVEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 14th NOVEMBER 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over Kashmir moved away eastwards. The low pressure area over Gujrat is becoming unimportant. Rain/thundershowers have been scattered in Bahawalpur division. A few thundershowers occurred in Peshawar division. The trough of low pressure over East Pakistan and neighbourhood is moving away eastwards. Rain/thundershowers have been local in Chittagong division and scattered in Khulna division. A few falls of light rain occurred in Dacca division.

Chief amounts of rainfall are : Comilla 1", Rangamati ¾", Cox's Bazar and Barisal ½" each, Chittagong, Srimangal and Khanpur ¼" each.

Night temperatures were 5 – 10 °F (3—6 °C) below normal in Peshawar and Khairpur divisions and were 3—8 °F (2 – 4 °C) above normal elsewhere in the country outside Rajshahi Lahore and Karachi divisions.

Forecast valid until the evening of 15th November 1969 : —A few thunderstorm/showers in likely to occur is Chittagong and Peshawar divisions and in Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 14th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	065	5	9	23	02	94	60	6	094	73	9	/	4	/	/	53	80
	Cox's Bazar	054	3	8	27	06	//	60	6	089	76	5	4	4	2	0	7[illegible]	82
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	000	9	0	00	00	//	03	5	070	77	0	0	9	0	0	72	90
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	000	0	3	00	00	//	01	1	082	78	3	5	5	0	0	76	82
	Sylhet	000	0	0	00	00	//	02	5	069	73	0	0	9	0	0	70	80
	Srimangal	000	0	5	00	00	//	01	6	081	72	3	9	4	/	2	70	77
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	0	00	00	//	00	1	070	80	0	0	9	0	0	72	82
	Dacca (Tezgaon)	005	0	1	00	00	96	01	6	075	78	1	1	6	0	0	70	82
	Faridpur	000	0	5	34	02	93	02	2	064	80	5	5	5	0	0	70	82
Khulna	Barisal	039	9	0	00	00	//	2	6	083	79	0	0	9	0	0	73	84
	Khulna	000	0	0	00	00	97	00	[illegible]	[illegible]	82	0	0	9	0	0	72	56
	Satkhira	000	1	[illegible]	00	00	97	00	0	081	78	/	/	0	1	0	73	86
	Jessore	000	0	0	00	00	57	01	1	078	80	0	0	9	0	0	72	85
Rajshahi	Pabna	000	0	9	00	00	//	02	0	08[illegible]	78	/	/	/	/	/	73	85
	Sirajganj	000	0	0	00	00	//	00	[illegible]	0[illegible]8	78	0	0	9	0	0	76	82
	Rajshahi	[illegible]	0	0	00	00	94	02	[illegible]	081	78	0	0	9	0	0	72	85
	Bogra	[illegible]	0	0	00	00	[illegible]	02	[illegible]	073	78	0	0	9	0	0	72	82
	Dinajpur																	
	Rangpur	000	0	0	00	00	96	01	0	065	72	0	0	9	0	0	67	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	31	03	96	03	1	107	76	4	0	9	7	0	58	80
	Sialkot	000	0	0	00	00	97	00	0	110	70	0	0	9	0	0	70	62
Rawalpindi	Jhelum	000	0	1	23	02	96	02	1	00	77	1	1	7	0	0	54	62
	Islamabad																	
	Rawalpindi	000	0	1	27	02	99	00	0	112	72	0	0	9	6	0	51	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	01	0	105	79	0	0	9	0	0	65	82
	Sargodha																	
	Lyallpur	000	0	0	29	02	96	00	0	104	77	0	0	9	0	0	58	81
Multan	Sahiwal																	
	Multan	000	0	3	19	03	97	02	0	106	76	1	1	8	0	1	54	81
	Leiah	000	0	3	60	//	94	00	0	129	88	0	0	9	0	0	45	86
Bahawalpur	Khanpur	[illegible]	2	7	00	00	56	17	9	109	69	5	9	6	2	0	64	//
	Bahawalpur	000	0	3	00	00	96	00	6	107	//	0	0	9	1	0	62	//
	Fort Abbas																	
Peshawar	Chakdra	000	0	3	36	02	97	83	0	090	69	3	1	7	0	0	49	73
	Peshawar																	
	Haripur	000	0	2	18	02	97	00	0	105	75	0	0	9	0	0	54	79
D. I. Khan	Bannu	000	0	6	16	02	98	03	2	108	73	4	2	2	0	/	54	77
	D. I. Khan	000	0	0	00	00	97	20	0	102	79	1	1	7	0	0	61	84
Quetta	Sibi	000	0	2	18	03	97	02	1	180	87	0	2	9	[illegible]	0	58	50
	Nokkundi	000	0	/	//	05	96	03	0	146	68	3	5	6	0	0	27	//
Kalat	Turbat	000	0	0	05	02	96	/	/	985	86	0	0	9	0	0	36	86
	Jiwani	000	0	0	10	09	96	02	0	108	84	0	0	9	0	0	55	85
	Pasni	800	0	0	25	04	97	0[illegible]	0	110	85	0	0	0	0	0	67	87
Karachi division	Ormara	000	0	0	18	03	97	02	0	105	85	0	0	9	0	0	75	89
	Lasbela																	
	Karachi (Manora)	000	0	0	27	03	97	02	0	095	8	0	0	9	0	0	69	85
	Karachi (Ariport)	000	8	1	27	05	96	01	0	097	87	1	6	5	0	0	53	91
Hyderabad	Nagarparker	000	0	0	50	//	97	02	0	120	9[illegible]	0	0	0	0	0	71	58
	Chhor	080	0	0	27	05	96	02	0	086	88	0	0	9	0	0	51	93
	Hyderabad	000	0	0	31	03	97	02	0	097	65	0	0	9	0	0	55	50
	Badin	006	0	0	31	04	97	02	0	094	92	0	0	[illegible]	0	0	56	93
Khairpur	Padidan	000	0	1	31	05	97	01	0	097	85	1	1	7	0	0	55	88
	Nawabshah	000	0	0	31	05	96	02	0	058	86	0	0	9	0	0	60	89
	Sukkur	000	8	6	31	03	96	03	2	095	/	0	0	[illegible]	0	0	61	86
	Kashmore																	
	Jacobabad	000	0	0	36	02	97	01	6	099	83	0	0	9	0	0	61	86
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	05	02	97	02	1	491	54	5	9	3	0	0	40	58
Peshawar	Drosh *	000	0	7	23	07	//	50	2	494	56	7	6	6	0	-	40	70
	Cherat *	000	0	7	36	08	96	03	0	503	58	7	4	7	0	0	43	62
	Kakul *	007	1	4	3/	05	8	01	9	490	5[illegible]	3	2	4	7	0	52	67
	Landikotal *	080	0	6	05	05	8	38	4	408	61	/	/	/	/	/	67	67
	Prachinar *	000	3	3	01	93	98	29	9	500	54	3	3	6	0	0	35	61
D.I. Khan	Miranshah *	000	0	8	00	00	59	00	0	497	72	0	0	9	0	0	40	72
	Wana *																	
Quetta	Fort Sandeman *	000	0	6	31	05	97	03	1	482	64	2	3	9	5	1	//	68
	Hindubagh *	000	0	8	20	03	4	03	0	505	67	8	1	5	0	0	46	68
	Loralai *	000	0	8	27	02	58	01	0	390	84	0	1	8	0	8	45	86
	Barkhan *																	
	Harnai *	000	0	0	80	00	96	02	0	480	79	0	0	0	0	0	36	84
	Samungli (Quetta) *	000	0	4	18	07	76	03	0	523	55	4	5	7	0	0	32	58
	Chaman *	000	0	0	27	05	97	00	0	519	61	0	0	9	0	0	38	64
	Nushki *	000	0	0	31	05	//	//	/	510	65	0	0	9	0	0	//	72
	Dalbandin *	000	0	0	00	08	96	02	0	010	68	0	0	9	0	0	81	70
Kalat	Kalat *	000	0	0	34	03	96	00	1	483	53	0	0	9	0	0	37	58
	Khuzdar *																	
	Panjgur *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) ° PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Rangamati	079	9	3	05	02	98	01	6	134	75	3	4	6	0	0	69	73
Cox's Bazar	059	9	3	03	08	97	02	0	116	77	3	2	4	1	0	73	79
Chittagong	029	5	4	00	00	96	28	4	125	73	4	7	2	0	0	73	69
Maijdee Court	000	9	6	00	00	97	03	2	126	77	3	2	5	2	1	51	69
Comilla	110	9	0	00	00	96	02	0	121	75	0	0	9	0	0	73	69
Brahmanbaria	000	0	0	00	00	97	00	4	123	75	8	0	9	0	0	73	68
Sylhet	000	0	7	00	00	96	28	4	121	73	6	4	3	3	0	69	69
Srimangal	020	9	0	00	00	96	00	6	112	75	0	0	9	0	0	69	64
Mymensingh	000	0	0	00	00	97	00	0	110	79	0	0	9	0	0	69	69
Narayanganj	000	0	0	00	00	97	00	0	123	79	0	0	9	0	0	73	69
Dacca (Tezgaon)	002	5	1	23	02	96	02	4	121	79	9	9	5	0	0	65	69
Faridpur	000	0	0	00	00	97	00	0	111	79	0	0	9	0	0	73	73
Barisal	029	2	0	00	00	97	02	4	123	77	0	0	9	0	0	69	68
Khulna	000	0	0	00	00	97	00	0	[illegible]14	82	0	0	9	0	0	73	73
Satkhira																	
Jessore	000	8	1	24	05	97	02	4	129	79	1	5	5	0	0	73	68
Pabna	000	0	0	23	02	98	02	0	121	79	0	0	9	0	0	73	73
Sirajganj	000	0	0	18	02	98	00	1	119	79	0	0	9	0	0	73	69
Rajshahi	000	0	4	27	02	96	03	1	122	79	4	5	5	0	0	69	73
Bogra	000	0	1	23	02	96	03	0	///	//	1	5	5	0	0	69	69
Dinajpur																	
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu																	
Lahore (Jail Rd.)	000	0	0	23	02	96	02	0	136	62	0	0	9	0	0	56	59
Sialkot	000	0	0	00	00	99	00	0	135	58	0	0	9	0	0	56	43
Jhelum	000	0	0	00	00	97	02	0	134	62	0	0	9	0	0	49	56
Islamabad																	
Rawalpindi	000	0	0	00	00	95	00	0	142	54	0	0	9	0	0	51	51
Campbellpur																	
Khushab	000	0	0	00	//	97	06	0	133	68	0	0	9	0	0	54	56
Sargodha																	
Lyallpur	000	0	0	00	00	55	00	0	126	62	0	0	9	0	0	58	58
Sahiwal																	
Multan	000	0	0	00	00	55	04	0	134	62	0	0	9	0	0	58	54
Leiah	000	0	0	36	02	52	00	0	150	60	0	0	9	0	0	59	56
Khanpur	025	9	0	00	00	95	09	5	133	58	0	0	9	0	0	51	54
Bahawalpur	000	0	0	00	00	96	00	0	141	62	0	0	9	0	0	59	56
Fort Abbas																	
Chakdra	000	0	8	05	03	58	02	0	140	51	0	0	9	0	0	45	//
Peshawar																	
Haripur	000	0	0	05	03	97	00	0	155	58	0	0	9	0	0	50	51
Bannu	000	0	0	34	02	97	00	0	143	56	0	0	9	0	0	49	56
D. I. Khan	000	0	0	00	00	96	02	0	141	66	0	0	9	0	0	50	54
Sibi	000	0	0	18	03	97	02	0	153	64	0	0	9	0	0	52	63
Nokkundi	000	0	0	00	00	96	02	0	189	49	0	0	9	0	0	28	45
Turbat	000	0	0	05	02	96	00	0	025	70	0	0	9	0	0	70	//
Jiwani	000	0	1	36	05	96	03	0	141	70	0	0	9	0	1	63	66
Pasni	000	0	0	31	10	97	02	0	147	67	0	0	0	0	0	55	//
Ormara	000	0	0	00	00	96	02	0	139	77	0	0	9	0	0	68	//
Lasbela																	
Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Ariport)	000	0	0	13	02	96	01	0	131	69	0	0	9	0	0	63	65
Nagarparker	000	0	0	18	02	97	02	0	141	78	0	0	0	0	0	65	78
Chhor	000	0	0	00	00	56	02	0	120	67	0	0	9	0	0	51	60
Hyderabad	000	0	0	36	03	97	02	0	132	70	0	0	9	0	0	58	69
Badin	000	0	0	23	01	97	02	0	121	66	0	0	9	0	0	61	65
Padidan	000	0	1	00	00	97	03	0	139	66	1	0	9	3	0	58	60
Nawabshah	000	0	0	31	02	56	02	0	141	64	0	0	9	0	0	60	63
Sukkur	000	0	0	23	03	96	02	0	139	66	0	0	9	0	0	61	62
Kashmore																	
Jacobabad	000	0	6	27	03	97	02	0	126	67	0	0	9	0	0	64	64
Veraval																	
Murree *	000	0	0	09	03	98	00	1	379	42	0	0	9	0	0	33	40
Drosh *	—																
Cherat *	000	0	0	36	02	[illegible]	00	0	[illegible]	56	0	0	9	0	0	32	//
Kakul *	000	0	0	31	02	98	02	0	497	51	0	0	9	0	0	45	47
Landikotal *	000	0	0	36	02	58	02	0	674	50	0	0	9	0	0	47	43
Prachinar *	000	0	1	05	02	98	02	0	517	43	0	0	9	0	0	33	35
Miranshah *	000	0	0	05	05	99	00	0	[illegible]	51	0	0	9	0	0	49	47
Wana *																	
Fort Sandeman *	000	0	0	18	02	97	02	0	506	21	0	0	9	0	0	//	47
Hindubagh *	000	0	0	27	[illegible]	//	//	/	334	42	0	0	9	0	0	21	33
Loralai *	000	0	0	[illegible]	02	98	00	0	340	48	0	0	9	0	0	42	//
Barkhan *																	
Harnai *	000	0	0	00	00	96	02	0	482	54	0	0	9	0	0	//	00
Samungli (Quetta) *	000	0	0	00	00	96	12	/	544	42	0	0	9	0	0	//	41
Chaman *	000	0	0	00	00	97	00	9	538	43	0	0	9	0	0	//	40
Nushki *	000	0	0	00	00	//	02	0	563	49	0	0	9	0	0	//	/
Dalbandin *	000	0	0	00	00	96	02	0	522	42	0	0	9	0	0	//	39
Kalat *	000	0	2	18	02	96	02	0	513	35	0	0	9	0	0	21	29
Khuzdar *																	
Panjgur *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—	—	1.6	—	102.6	-
Cox's Bazar	— 3	+ 7	0.7	— 1.6	92.0	140
Chittagong		+ 3	1.2	— 0.2	105.7	108
Maijdee Court	+ 7	+ 2	0.4	— 0.7	128.5	1[illegible]5
Comilla		+ 4	0.4	— 0.5	103.1	94
Brahmanbaria	—	—	0.0	— 0.2	53.8	76
Sylhet	—	—	1.5	—	149.7	-
Srimangal	- 10	— 3	0.8	— 0.3	63.2	98
Mymensingh		+ 3	0.3	— 0.4	77.5	91
Narayanganj	— 2	+ 2	1.3	+ 0.6	82.1	74
Dacca (Tezgaon)	—	—	1.3	—	66.0	—
Faridpur	0	+ 8	1.6	+ 0.8	58.5	71
Barisal	+ 1	— 2	1.5	+ 0.5	65.7	81
Khulna	+ 13	+ 8	1.4	+ 0.5	74.5	68
Satkhira	+ 1					65
Jessore	—	—	1.1	+ 0.3	72.5	65
Pabna	—	—	1.0	—	66.3	59
Sirajganj	—	—	0.4	— 0.2	61.6	64
Rajshahi	+ 3	+ 10	3.0	— 2.6	70.3	—
Bogra	8	+ 6	1.3	+ 0.6	59.6	69
Dinajpur						72
Rangpur						84
Jammu						—
Lahore (Jail Rd.)	— 4	+ 12	0.0	0.0	18.0	19
Sialkot	0	— 7	0.0	— 0.1	11.5	32
Jhelum	—	—	0.0	—	31.2	—
Islamabad						—
Rawalpindi	— 2	+ 7	0.1	+ 0.0	33.5	36
Khushab	— 2	+ 5	0.0	0.0	7.8	15
Lyallpur	— 1	+ 9	0.0	0.0	7.7	12
Sahiwal						10
Multan	— 3	+ 3	0.0	0.0	4.3	7
Leiah	—	—	0.0	—	2.7	8
Khanpur	/	+ 3	0.3	+ 0.3	14.0	6
Bahawalpur	/	+ 5	0.0	0.0	2.0	6
Fort Abbas						8
Chakdra	—	/	0.0	—	23.2	—
Haripur	—	—	1.0	—	24.0	11
Bannu	—	—	0.3	—	4.7	—
D. I. Khan	+ 1	+ 5	0.0	— 0.1	6.0	11
Sibi	—	—	0.0	—	0.2	9
Nokkundi	/	—	0.0	—	0.3	5
Turbat	—	/	0.0	—	0.2	2
Jiwani	—	—	0.0	—	2.0	—
Pasni	+ 1	—	0.0	0.0	0.0	5
Ormara	—	/	0.0	—	0.6	6
Lasbela						6
Karachi (Manora)	— 1					8
Karachi (Ariport)	—	—	0.0	—	1.5	8
Nagarparker	—	—	0.0	—	0.1	—
Chhor	—	—	0.0	—	0.3	—
Hyderabad	0	+ 8	0.0	0.0	0.3	7
Badin	+ 1	+ 5	0.0	— 0.1	0.3	9
Padidan	—	—	0.0	—	0.8	—
Nawabshah	—	—	0.0	—	1.1	—
Sukkur	—	—	0.0	—	0.1	4
Kashmore						—
Jacobabad	— 1	— 10	0.1	+ 0.1	2.8	4
Veraval						20
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	0	— 2	0.7	— 0.5	40.8	59
Drosh *	+ 5					18
Cherat *	— 5	/	0.6	+ 0.5	15.0	29
Kakul *	—	—	0.6	—	33.5	—
Landikotal *	—	—	0.7	—	13.6	29
Prachinar *	— 5	— 5	0.6	—	22.2	13
Miranshah *	—	—	0.0	— 0.0	2.8	11
Wana *						11
Fort Sandeman *	— 5	+ 5	0.0	— 0.0	6.5	—
Hindubagh *	—	—	0.3	—	6.2	9
Loralai *	—	/	0.1	—	0.6	—
Barkhan *						14
Harnai *	—	—	0.0	— 0.1	5.6	9
Samungli (Quetta) *	—	—	—	—	—	8
Chaman *	— 5	— 3	0.0	0.0	4.9	—
Nushki *	—	/	0.0	—	2.6	4
Dalbandin *	— 9	+ 3	0.6	0.0	0.5	7
Kalat *	— 6	— 2	0.0	+ 0.0	2.2	—
Khuzdar *						5
Panjgur *						—

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

. PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 14th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hs	OTsTsTdTd	1TwTwTwT	3PwPwHwHw	dwPwHwH
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Mytilus	99 1 19	10 5 51	13 0 03	03 2 08	58 8 71	09 0 26	00 / 00	44 / //			00 4 18		30 1 01	02 5 02
Baghe Karachi	99 1 19	10 5 87	10 5 87	12 1 80	03 6 03	99 0 00	...	...			C8 4 27	14 1 56	...	...
Baghe Karachi	99 1 58	10 6 11	13 0 60	13 6 02	99 0 10	10 4 39		...			0/ 00	14 2 34	...	...
Flying Fish	99 1 59	10 6 09	13 0 63	94 2 15	98 0 20	13 2 27	42 3 //	13 4 02			0/ / 22	12 7 77	30 3 02	02 2 01
Baghe Karachi	99 1 42	10 6 42	13 0 00	13 6 03	98 0 30	01 0 27	11 1 11							
Flying Fish	89 1 69	10 6 16	14 1 24	20 2 12	98 1 20	09 8 29	21 5 11	12 4 00			0/ / 24	12 7 70	30 3 02	02 2 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 228 12	...	450 136 56	119 098 64	595 035 66	768 147 67	978 /// //		...	...	...	...	...
Dacca ...	00 80	009 240 42	...	405 108 59	074 082 67	578 067 72	749 191 78	956 349 68	227 555 //		...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	800 144 22	...	480 144 13	096 010 //	572 111 //	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	320 070 00	...	...	072 133 //	567 183 //	730 287 //	929 444 47	...	...	...	...	...	...
Sargodha ...	00 00	996 214 57	...	500 174 61	077 044 56	572 1/5 //	738 231 //	...	208 485 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 170 43	830 110 61	600 050 65	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 150 38	800 082 61	600 014 63	...	...	...	...	...	...	...	...	...
Gilgit .													
Jiwani .													
Karachi .	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan .													
Peshawar ...													
Quetta .	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisa ...	305 04	345 06	330 07	305 09	295 15	265 15	...	.	...
Bogra ...	240 10	265 08	275 10	300 15	285 23	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...		
Chhor .	275 12	280 12	280 14	270 14	265 09	220 12	260 15	240 30	255 26
Chittagong ...	...	No	Ascent	...	...	...	...	—	..
Cherat .	...		...	...	...	...	.	...	...
Cox's Bazar ...	.	No	Ascent	..	...	.	...	...	...
Dacca ...	380 06	320 8/	310 06	300 07	308 16	/95 17			..
Dalbandin .		..	099 03	045 06	360 09	330 07	265 14	270 21	269 17
D. I. Khan .	145 04	140 03	140 04	290 05	290 05	290 14	290 12	285 19	285 18
Drosh .	...	...	...	...	...	..	...	...	...
Fort Sandeman ...	..	..	...	330 09	270 05	245 09	...	...	...
Gilgit ...	..	...	...	...	—	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	..
Jacobabad ...	350 03	360 04	340 04	305 06	290 08	270 13	265 21	260 29	255 4/
Jessore ...	345 05	345 06	345 06	310 09	300 79	295 23	...	...	...
Jhelum ...	205 05	280 7/	/// //	280 07	270 10	255 21	255 01	...	150 31
Jiwani ...	190 04	030 06	025 06	350 02	005 03	275 12	265 31	275 39	265 54
Karachi ...	280 08	285 08	325 06	330 04	270 10	265 11	260 31	250 42	...
Khanpur ...	025 10	030 08	010 07	010 06	050 07	050 12	..	...	...
Khuzdar ...	...	..	...	280 05	295 07	320 09	270 16	...	..
Lahore ...	305 06	300 07	295 08	295 12	290 10	280 11	255 09		.
Multan ...	165 08	195 04	193 03	340 06	300 07	195 04	300 22	195 03	275 33
Nawab Shah ...	320 08	345 04	360 05	345 06	260 11	265 15	255 21	265 53	220 06
Nokkundi ...	...	..	325 04	150 03	190 03	250 04	240 05	230 05	..
Panjgur ...	...		...				..	...	.
Peshawar ...	...	/55 12	250 12	250 10	165 04	080 08	..	...	...
Parachinar ...	...	...	...	...			...	...	...
Quetta ...	...			...	180 10	230 16		...	...
Sargodha ...	230 04	260 04	270 06	270 03	255 05	250 11	270 13	265 20	265 22
Skardu ...	...	...	...	...	...		...	..	...
Sylhet ...	260 15	080 06	270 10	/60 01	290 11	270 41	..	...	...
Yarayal ...	...	...	..	...	...	.		...	...

At 0000 hrs. G.M.T. † of date (dd fff) and At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. —>	0.3 (0000)	0.6 (0000)	0.9 (0000)	1.5 (0000)	2.1 (0000)	3.0 (0000)	0.3 (0600)	0.6 (0600)	0.9 (0600)	1.5 (0600)	2.1 (0600)	3.4 (0600)	4.5 (0600)	5.4 (0600)	6.0 (0600)	7.2 (0600)	9.0 (0600)
STATION 1	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisa	340 05	340 06	345 08	340 11	335 13	280 17	335 02	345 02	005 03	..	025 03	...	.	...	...	...	...
Bogra	295 14	290 13	285 13	160 10	270 13	290 23	270 03	275 06	270 10	270 12	275 17	...	.	...	...	..	...
Chaklala	...	...		...						...	...		...	...	-		...
Chhor	090 02	120 02	215 12	220 12	295 04	250 19	06. 07	060 13	060 12	025 04	115 05	275 13	C05 26	..	...	...	...
Chittagong	.	...	...	...	...	...	345 06	345 09	345 10	360 08	C05 08	320 13	330 09	...	...	...	..
Cherat	...	...	...								...			...	—		—
Cox's Bazar	015 15	015 10	360 06	345 17	335 16	345 18	360 09	350 12	355 16	335 16	330 12	280 19	280 21	270 19	...	...	..
Dacca	245 10	305 12	305 11	...	205 14	...	270 08	300 08	300 08	300 10	290 13	300 10	275 26	270 34	270 35	...	..
Dalbandin		...	075 11	020 23	040 22	315 15	...	...	070 08	105 05	305 01	335 01	280 18	285 28	280 33	.	...
D. I. Khan	300 06	320 09	330 06	038 04	068 07	270 06	310 09	310 13	310 13	310 12	300 12	305 05	245 10	250 10	274 8/	...	...
Drosh	...	..	...	..	...	...	...	.	—	...		...			...	...	..
Fort Sandeman	...	...	...	235 08	255 06	300 07	..	...	.	245 11	240 11	275 08	250 08	270 08	295 15	...	...
Gilgit	...	..	.	...	...	...	..	...	.	...	..	...	...	...	...	...	.
Ishurdi	...	...		...		...		...	...		...	...		...		...	.
Jacobabad	335 09	340 15	325 14	200 08	305 02	240 05	340 13	345 11	340 10	305 05	250 27	250 14	260 19	264 24	275 23	...	...
Jessore	270 06	285 07	310 10	310 16	305 19	295 16	275 08	275 07	300 07	291 3/	290 17	305 17	...	...	...	...	...
Jhelum	300 17	310 13	/// //	300 11	290 0/	215 05					...	...	...	...		...	...
Jiwani	040 07	030 14	085 11	015 04	020 05	290 07	050 06	050 04	350 04	280 04	330 05	235 13	280 35		...	...	...
Karachi	—	...		...	...	..	060 06	065 06	060 08	070 07	145 05	085 07	235 09	265 17	250 19	...	...
Khanpur	...	...	...				165 05	120 06	045 08	04/ /2	015 06	/02 9/	295 23	...	290 35		
Khuzdar	..	...		015 05	020 06	043 21	.	..	...	...	...	...		...	..	...	...
Lahore	315 06	345 10	330 11	320 10	330 10	2 0 08										...	...
Multan	165 05	160 05	190 03	255 04	235 05	240 07	000 00	205 03	130 06	125 06	020 06	245 04	245 24	245 27	255 32	...	...
Nawab Shah	235 10	200 07	175 11	170 05	155 07	215 05	050 06									...	...
Nokkundi	...	...	170 06	210 09	275 09	220 12	...	..	195 03	125 02	255 05	285 04	280 15	300 08	330 09	-	...
Panjgur	...	.	...	..	...	...	...									...	...
Peshawar	...	...	...			...	...	080 03	310 04	310 08	320 04	310 05	325 10	300 16	280 18	..	...
Parachinar	...	...	...	170 03	065 02	...	...	...	—	..						...	..
Quetta	...	...	...				...	...		...	325 03	310 07	285 09	271 66	275 31	...	...
Sargodha	350 06	315 07	320 08	315 10	300 10	275 12	280 03	310 05	320 07	340 08	325 05	270 13	305 11	295 18	290 17	...	...
Skardu	...	...	...	..	..	...			...	...	...	...	...	...	...	...	-
Sylhet	...	No	Ascent	...	.	.	175 15	170 06	...	...	...	...	...	...	-	...	...
Yarayal	...	...	...	...	...	.	...	...	...	...	...	-	..	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	275 15	280 06	305 05	105 06	105 7/	200 06	245 17	270 25	270 28	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

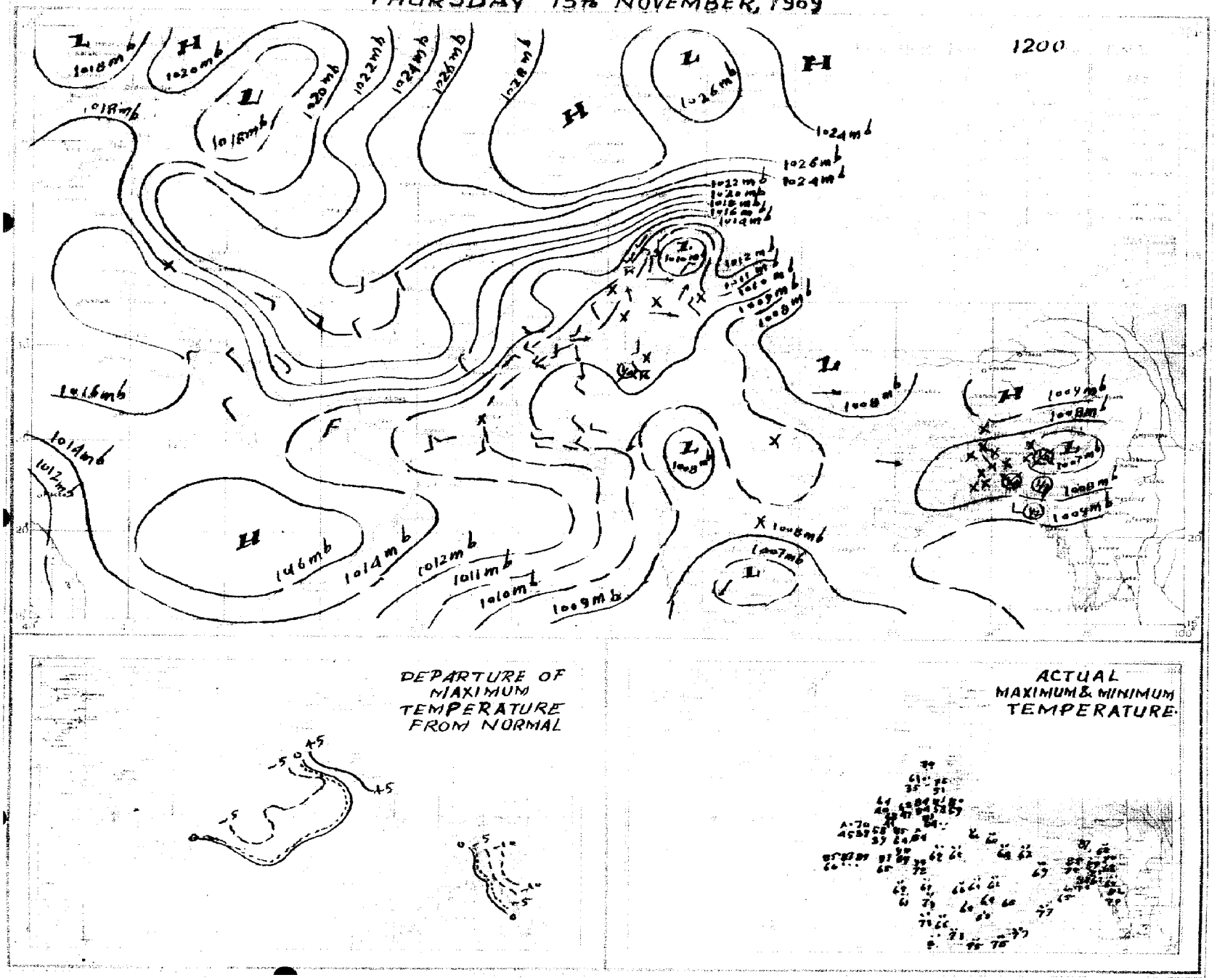
† The actual time of observations may vary within half an hour of the specified time.

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

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

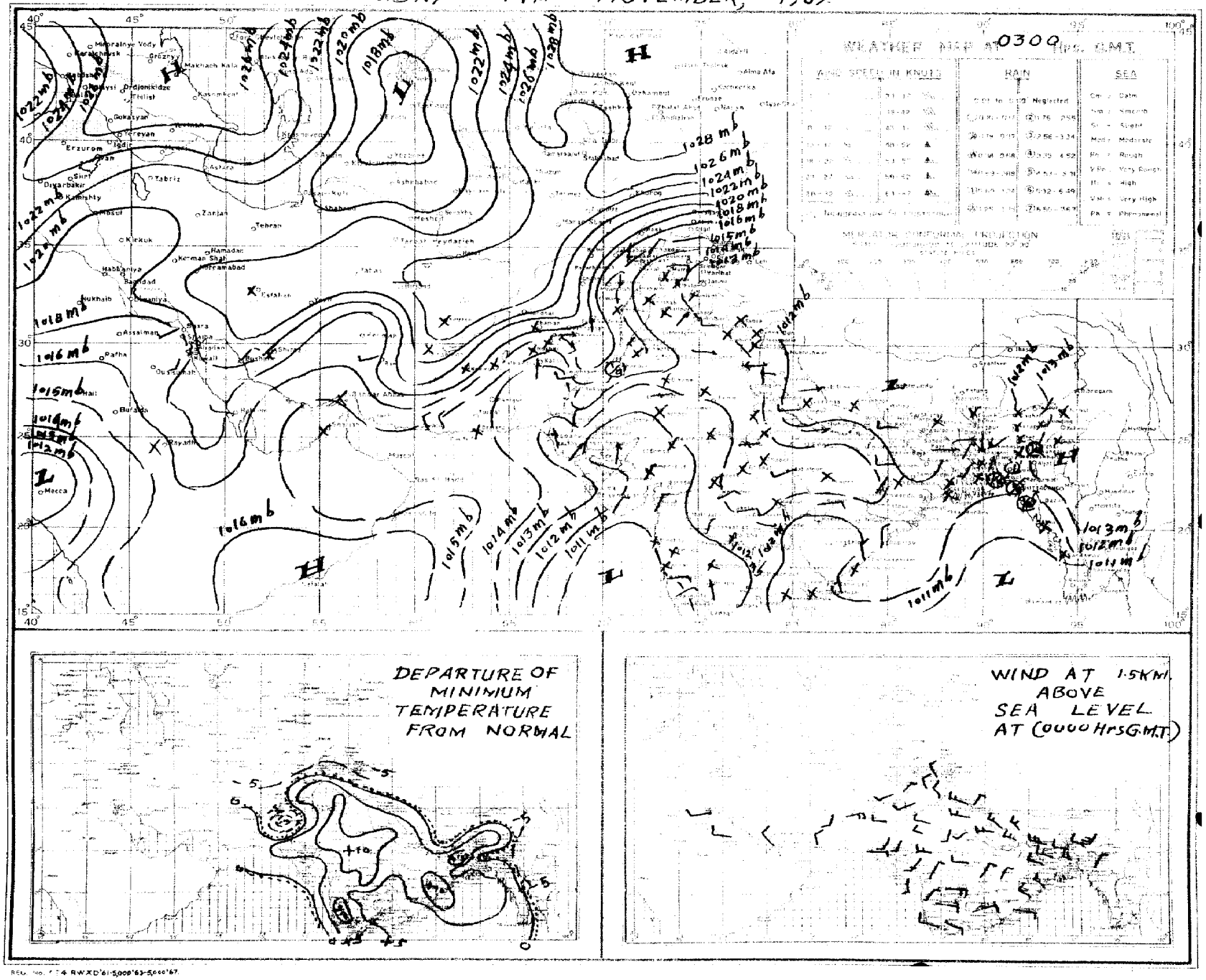
PAKISTAN DAILY WEATHER MAP

THURSDAY 13th NOVEMBER, 1969



PAKISTAN DAILY WEATHER MAP

FRIDAY 14th NOVEMBER, 1969.



REG. No. F.T.4 R.W.X.D'61-5000'63-5000'67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 15th NOVEMBER 1969.

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

A fresh western disturbance lies over central Iran. The trough of low pressure over East Pakistan and neighbourhood moved away eastwards. Weather remained dry over the country.

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

Forecast valid until the evening of 16th November 1969 :—Weather will remain dry over the country.

Earth Quake Report :—Seismograph of Geophysical centre Quetta recorded an earth quake of wild intensity on 14th Nov. 1969 at 16 Hrs. 53 Mts. W.P.S.T. The epicentre lies about 100 miles southeast of Quetta.

Karachi-11
The 15th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature *	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	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TaTa	TxTx	ToTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati **	000	0	1	31	02	56	01	0	090	77	1	3	7	0	0	69	89	...	...	...	...	...	67	...	...	115	...	...	0	9	0	0	72	68	— 1	0	0.7	— 1.6	92.0	140
	Cox's Bazar	000	0	1	36	10	//	02	0	090	77	1	2	5	0	0	69	84	000	0	0	05	02	97	02	0	115	77	0	0	9	0	0	72	68	0	+ 1	1.2	— 0.3	105.7	108
	Chittagong	000	0	2	00	00	//	03	2	086	77	1	4	5	0	0	69	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				115
	Cox's Bazar Court	000	9	0	00	00	//	00	0	081	80	0	0	9	0	0	69	83	000	0	0	00	00	96	00	0	111	76	0	0	9	0	0	72	72	+ 1	+ 7	0.4	— 0.6	103.1	94
	Comilla	000	0	0	00	00	56	00	0	091	77	0	0	9	0	0	69	86	000	0	0	18	02	97	02	4	118	87	0	0	9	0	0	72	72	...	—	0.0	— 1.0	53.8	78
	Brahmanbaria	000	0	0	00	00	//	00	0	098	79	0	0	9	0	0	75	87	000	0	2	05	05	96	02	/	115	76	2	1	6	0	0	68	68	—	—	1.5	—	15.00	—
	Sylhet	000	0	3	00	00	//	02	/	066	76	2	4	4	3	0	70	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						98
	Srimangal	000	0	0	00	00	//	00	0	091	74	0	0	9	0	0	70	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					91
Dacca	Mymenaingh	000	0	0	00	00	//	00	0	091	77	0	0	9	0	0	75	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	+ 1	1.3	+ 0.6	82.1	74
	Narayanganj	000	0	2	13	02	//	01	1	082	80	2	6	3	1	0	68	82	000	0	0	00	00	97	00	0	115	77	0	0	9	0	0	74	68	—	—	1.3	—	66.0	—
	Dacca (Tejgaon)	000	0	1	00	00	97	01	0	084	79	1	0	9	3	0	66	86	000	0	0	00	00	96	02	0	121	76	0	0	9	0	0	64	66	—	—				71
	Faridpur	000	0	0	00	00	93	00	0	079	79	0	0	9	0	0	66	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					
Khulna	Barisal	000	0	0	00	00	//	02	3	088	79	0	0	9	0	0	72	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					81
	Khulna	000	0	0	00	10	97	00	0	089	85	0	0	9	0	0	72	50	000	0	0	00	00	97	00	0	115	81	0	0	9	0	0	72	72	+ 7	+ 7	1.4	+ 0.4	74.5	68
	Satkhira	000	0	4	00	00	55	00	0	085	79	4	0	0	1	0	72	87	000	0	0	00	00	97	00	0	122	76	0	0	9	0	0	68	67	+ 2	+ 4	0.2	— 0.4	61.7	65
	Jessore	000	0	0	00	00	56	02	0	087	80	0	0	9	0	0	69	86	000	3	0	00	00	95	05	4	116	76	0	0	9	0	0	67	69	—	—	1.1	+ 0.3	72.5	65
Rajshahi	Pabna	000	0	9	00	00	//	07	0	088	86	/	/	/	/	/	70	86	000	0	0	00	00	98	02	0	117	77	0	0	9	0	0	67	67	—	—	1.0	—	66.3	59
	Sirajganj	000	0	4	00	00	//	01	1	085	80	4	4	6	0	0	70	88	000	0	0	36	01	98	00	0	121	77	0	0	9	0	0	68	64	—	—	0.4	— 0.2	61.6	64
	Rajshahi	000	0	0	00	00	94	02	0	095	78	0	0	9	0	0	68	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	05	4	117	76	0	0	9	0	0	67	64	— 5	+ 1	1.3	+ 0.6	57.6	69
	Dinajpur	000	0	0	00	00	//	00	0	000	76	0	0	9	0	0	64	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						72
	Rangpur	000	0	1	00	00	96	01	0	087	72	1	1	6	0	0	66	00	000	0	0	00	00	96	01	0	126	73	0	0	9	0	0	67	63	—	—	1.5	+ 1.2	87.5	84
Kashmir	Jammu **																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	95	04	0	107	77	0	0	9	0	0	46	80	000	0	0	00	00	94	00	0	123	59	0	0	9	0	0	52	52	— 4	+ 5	0.0	0.0	8.0	18
	Sialkot	000	0	0	00	00	99	00	0	115	69	0	0	9	0	0	69	82	000	0	0	00	00	98	00	0	130	58	0	0	9	0	0	54	43	0	— 7	0.0	— 0.1	1.5	32
Rawalpindi	Jhelum	000	0	1	31	02	97	02	0	103	79	1	1	7	8	0	45	82	000	0	0	00	00	96	02	0	132	58	0	0	9	0	0	47	51	—	—	0.0	—	31.2	—
	Islamabad																																								—
	Rawalpindi	000	0	0	27	02	99	00	0	114	69	0	0	9	0	0	46	76	000	0	1	00	00	97	00	0	144	52	0	0	9	0	4	49	47	— 2	+ 5	0.1	0.0	33.5	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	104	75	0	0	9	0	0	72	84	000	0	0	00	00	97	06	0	124	61	0	0	9	0	0	43	49	0	+ 2	0.0	0.0	7.8	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	04	0	131	61	0	0	9	0	0	49	49	—	—	0.0	—	20.6	—
	Lyallpur	000	0	0	00	00	96	00	0	112	77	0	0	9	0	0	68	80	000	0	0	00	00	95	00	0	132	61	0	0	9	0	0	56	54	— 2	+ 5	0.0	0.0	7.7	12
Multan	Sahiwal	000	0	2	00	00	97	02	0	109	79	2	2	6	0	0	56	85	000	0	1	00	00	96	04	0	132	61	0	0	9	0	1	46	54	— 1	+ 3	0.0	0.0	4.3	19
	Multan	000	0	0	36	00	94	00	0	//	87	0	0	9	0	0	45	//	000	0	0	36	00	92	//	/	131	61	0	0	9	0	0	58	56	/	—	0.0	—	2.7	7
	Leiah																																								—
Bahawalpur	Khanpur	000	0	2	00	00	96	02	0	100	81	0	0	9	0	0	61	82	000	0	2	00	00	96	02	0	176	63	0	0	9	0	1	56	54	— 5	+ 3	0.3	+ 0.3	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	106	77	0	0	9	9	0	63	80	000	0	0	00	00	96	00	0	135	64	0	0	9	0	0	68	56	+ 5	+ 5	0.0	0.0	2.0	6
	Fort Abbas	000	0	0	00	00	98	00	0	090	77	0	0	9	0	0	68	76	000	0	0	05	02	98	00	0	142	64	0	0	9	0	0	67	63	—	—	0.0	—	0.9	8
Peshawar	Chakdara	000	0	0	33	03	98	02	0	091	69	0	0	9	0	0	49	6	000	0	1	05	05	98	02	0	136	50	0	0	9	0	4	43	45	—	—	0.0	—	23.2	—
	Peshawar	000	0	1	00	00	97	02	0	113	72	1	1	6	0	0	60	79	000	0	1	00	00	//	//	/	143	52	0	0	9	0	0	36	//	+ 2	/	0.5	+ 0.5	14.8	11
	Haripur	000	0	0	13	03	97	00	0	117	75	0	0	9	0	0	56	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
D. I. Khan	Bannu	000	0	0	13	02	99	03	0	115	72	0	0	0	0	0	45	75	000	0	0	31	02	99	00	0	136	58	0	0	9	0	0	41	54	—	—	0.2	—	4.7	11
	D. I. Khan	000	0	0	00	00	97	02	0	122	75	0	0	9	0	0	54	82	000	0	0	00	00	96	02	0	134	58	0	0	9	0	0	47	54	— 1	+ 5	0.0	— 0.1	6.0	9
Quetta	Sibi	000	0	2	18	03	97	03	1	101	88	0	0	9	0	0	62	90	000	0	0	36	03	97	02	0	150	60	0	0	9	0	0	52	//	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	23	02	96	02	0	124	73	0	0	9	0	0	//	73	000	0	0	00	00	96	02	0	150	50	0	0	9	0	0	//	50	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	36	02	96	00	0	970	86	0	0	9	0	0	31	86	000	0	0	09	02	96	00	0	001	66	0	0	9	0	0	//	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	5	27	07	96	03	0	117	84	0	0	9	0	2	39	84	000	0	0	27	05	96	02	0	134	60	0	0	9	0	0	49	61	—	—	0.0	—	2.0	8
	Pasni	000	0	0	25	10	97	04	0	119	87	0	0	0	0	0	75	88	000	0	0	31	00	97	02	6	125	67	0	0	0	0	0	57	//	+ 2	—	0.0	0.0	0.0	6
Karachi division	Ormara	000	0	2	27	05	96	01	1	112	82	2	0	9	0	0	76	87	000	0	2	00	00	96	03	3	126	64	2	0	9	0	0	55	//	—	/	0.0	0.0	0.6	6
	Lasbela	//	0	6	00	00	98	00	0	093	90	0	0	8	0	0	63	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Karachi (Manora)	000	0	0	23	05	96	02	0	090	81	0	0	9	0	0	64	85	000	0	0	00	00	96	02	0	115	75	0	0	9	0	0	70	72	— 1	+ 5	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	1	25	03	96	01	0	099	83	1	5	5	0	0	62	90	000	0	0	00	00	96	02	0	121	69	0	0	9	0	0	61	63	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar																																								7
	Chhor	000	0	0	31	02	96	05	0	104	85	0	0	9	0	0	57	89	000	0	0	00	00	96	05	0	127	71	0	0	9	0	0	55	68	— 1	+ 7	0.0	0.0	0.3	9
	Hyderabad	000	0	0	31	02	97	03	0	098	84	1	0	9	0	0	55	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					—
	Badin																																								—
Khairpur	Padidan	000	0	2	05	03	97	03	0	105	83	0	0	9	0	1	49	66	000	0	0	00	00	96	02	0	115	65	0	0	9	0	0	53	61	—	—	0.0	—	0.8	—
	Nawabshah	000	7	3	00	00	96	03	4	105	85	0	0	9	0	2	67	89	000	0	0	00	00	96	02	0	128	68	0	0	9	0	0	58	//	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	094	85	0	0	9	0	0	64	87	000	0	4	13	03	95	05	4	129	67	4	0	9	6	0	59	61	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	000	0	2	18	02	97	03	0	103	85	0	0	9	0	1	//	88	000	0	0	09	02	96	03	0	130	64	7	0	9	3	0	56	62	+ 1	+ 8	0.1	+ 0.1	2.8	20
Junagadh	Veraval **																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Minagar **																																								5
	Allabad *																																								59
	Gilgit *																																								—
Rawalpindi	Murree *	000	0	0	05	03	98	00	0	498	50	0	0	9	0	0	38	56	000	0	3	09	05	98	01	1	501	45	0	0	9	0	0	31	40	— 2	— 2	0.7	— 0.5	40.8	18
Peshawar	Drosh *																																								29
	Chitral *	000	0	0	36	03	98	00	0	500	59	0	0	9	0	0	33	60	000	0	0	36	10	98	00	0	503	56	0	0	9	0	0	56	56	— 7	+ 6	0.6	+ 0.5	15.0	—
	Kakul *	000	0	1	13	03	98	01	1	495	60	0	0	9	0	2	49	69	000	0	0	31	02	99	02	0	495	54	0	0	9	0	0	36	47	—	—	0.6	—	33.5	—
	Landikotal *	000	0	0	36	02	98	02	0	//	60	0	0	9	0	0	41	60	000	0	0	36	02	98	02	0	562	52	0	0	9	0	0	47	40	—	—	0.7	—	13.6	39
	Prachinar *	000	0	0	11	05	98	01	0	500	56	0	0	9	0	0	53	61	000	0	0	02	02	//	//	/	512	43	0	0	9	0	0	32	38	— 5	— 2	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	492	68	0	0	9	0	0	56	75	000	0	0	05	05	99	00	0	500	50	0	0	9	0	0	36	45	—	—	0.0	0.0	2.0	11
	Wana *	000	0	4	00	00	98	03	0	480	68	4	2	8	0	0	52	72	000	0	0	00	00	99	00	0	464	60	0	0	9	0	0	00	53	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	31	02	98	02	0	406	65	0	0	9	0	0	//	66	000	0	0	00	00	97	02	0	497	44	0	0	9	0	0	//	39	— 7	— 3	0.0	— 0.5	6.5	—
	Hindubagh *	000	0	0	20	02	97	02	0	515	63	0	0	9	0	0	36	68	000	0	0	00	00	97	02	0	576	41	0	0	9	0	0	//	32	—	—	0.3	—	////	9
	Loralai *	000	0	8	18	02	98	01	0	352	80	0	/	8	0	8	45	//	000	0	0	27	02	98	00	0	358	55	0	0	9	0	0	45	45	/	—	0.1	—	0.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	470	70	0	0	0	0	0	35	70	000	0	0	00	00	96	02	0	460	49	0	0	0	0	0	//	//	—	—	0.0	— 0.1	5.6	9
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	525	31	0	0	9	0	0	//	22	—	—	0.1	+ 0.1	3.2	8
	Nushki *	000	0	0	00	03	97	00	0	519	61	0	0	9	0	0	//	63	000	0	0	00	00	97	00	0	574	50	0	0	9	0	0	45	50	— 6	+ 7	0.0	0.0	4.7	—
	Dalbandin *	000	0	0	31	03	97	02	0	553	65	0	0	9	0	0	//	66	000	0	0	00	00	97	02	0	556	50	0	0	9	0	0	//	47	—	—	0.0	—	2.6	4
Kalat	Kalat *	000	0	0	00	00	96	02	0	517	67	0	0	9	0	0	//	69	000	0	0	00	00	97	02	0	494	38	0	0	9	0	0	//	36	— 10	— 6	0.8	0.0	0.5	7
	Khuzdar *	000	0	6	31	02	96	00	2	476	55	0	0	9	0	0	37	58	000	0	0	16	03	96	02	0	500	35	0	0	9	0	0	//	//	— 6	/	0.0	+ 0.0	2.2	—
	Panjgur *	000	0	2	23	02	97	01	0	086	70	2	5	6	0	0	//	72	000	0	1	27	02	96	03	0	495	47	0	0	9	0	1	//	45	—	—	0.0	—	2.2	5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 15th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$ d	$d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Baweah	99 2 29	10 6 C8	15 0 03	00 0 00	98 0 00	12 6 76	00 9 00	34 6 10			0 / / 17	12 7 60	30 0 00	/ / / 01
Dumra	99 2 44	10 6 42	14 0 63	00 2 08	99 0 20	14 0 29	00 9 00	63 2 16			00 0 22	...	30 2 01	...
Flying Fish	99 2 10	10 6 41	14 0 63	20 3 12	98 0 20	12 9 26	12 2 207	...			0/ / 20	12 7 77	30 3 02	...
Bagh Karachi	99 2 17	10 6 48	14 0 60	13 5 01	99 0 10	11 8 29	/ / / 00	...			...	14 2 10	...	...
Baghe Karachi	99 2 31	10 6 57	14 1 20	03 6 00	99 0 00	09 1 18						14 0 29		
Dumra	99 2 32	10 6 28	13 1 23	03 5 05	99 0 20	12 4 28	00 9 00	63 5 05			05 3 14	...	30 3 01	10 5 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	007 204 11	...	470 130 45	111 102 59	583 005 57	755 157 59	964 331 58	236 5/3 / /	...	...	...	...	...
Dacca ...	00 00	009 240 42	...	510 12/ 58	211 080 61	594 063 62	765 185 61	974 345 60	246 5/5 / /		...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	800 250 25	...	500 094 25	049 035 / /	563 191 / /	724 295 / /	926 401 / /	195 505 / /	...	...	...	...	...
Multan ...	00 00	999 138 17	...	500 130 35	180 010 7/	567 222 / /	727 335 / /	924 433 / /	191 545 / /					
Peshawar ...														
Quetta ...	00 00	820 032 59	...	...	047 085 / /	560 213 / /	723 879 / /	920 407 / /	185 581 / /	...	...	...	.	...
Sargodha ...										...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 170 48	800 1/2 51	600 038 58	...	...	...	...	...	...	..	...	...
Dacca ...	00 00	900 180 / /	800 10/ 61	600 139 / /	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00												
Peshawar ...													
Quetta ...	00 00	...	800 012 / /	600 127 / /	...	...	...	...	...	...	...	...	...
Sargodha ...		...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisa ...	335 08	330 07	310 09	340 11	330 13	315 27	310 17	..	...	345 05	360 11	340 C8	330 18	330 15	305 14	350 02	354 01	290 02	285 06	285 07	...		...			
Bogra ...	250 08	250 11	255 10	270 08	320 12	255 22	...	...	...	155 03	250 06	295 06	300 15	335 08	280 21	220 51	245 04	260 57	290 13	320 24	300 36	265 37	265 45	...	...	...
Chaklala ...		290 13	255 11	310 05	330 02	095 04	355 06	330 07	290 12	...	080 04	325 01	345 04	325 06	300 07	..	170 01	285 02	290 03	190 03	125 07	/// //	230 12	235 15	...	...
Chhor	025 05	035 04	035 05	030 07	285 05	250 14	285 30	260 39	264 47	350 10	265 01	305 02	335 03	330 07	280 15	09_ 07	070 06	025 04	185 02	115 02	265 12	290 34	180 41	275 /2		...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	345 00	350 06	350 06	345 38	310 07	310 07	260 17	150 17	270 27	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			...		...	...	...	...	...
Cox's Bazar ...	355 15	360 13	360 15	345 09	345 16	335 12	...	..	..	005 31	005 17	350 11	345 12	335 08	...	350 13	360 12	/60 09	010 06	010 07	285 07	265 13	255 15	255 26	...	...
Dacca ...	235 06	275 06	275 05	300 06	225 06	290 07				205 08	285 11	310 09	...	275 15	...	285 03	295 04	310 05	320 06	315 14	300 22	260 26	265 30	265 35	...	...
Dalbandin			095 04	065 04	350 03	345 08	270 15	280 19	280 29		...	090 08	065 17	023 13	315 13	...	...	070 07	295 02	355 04	345 13	255 27	270 42	270 32	...	..
D. I. Khan	1.5 03	160 02	190 01	270 01	295 04	290 07	295 07	285 11	290 11	200 06	140 04	160 03	240 05	285 06	300 08	325 06	335 07	340 07	180 05	225 03	205 04	205 10	200 13	250 15	...	...
Drosh	...	...	...	...	...	...	...	...	...	...		..	040 00	035 03	015 07	...		...							...	...
Fort Sandeman ..	..	..	...	305 01	275 06	270 06	310 08	265 16	245 28	...	...	...	220 04	275 03	265 10	...	...	.	235 06	215 05	225 06	235 19	255 26	255 30	...	..
Gilgit ...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	.	..	.	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...										...	..
Jacobabad ...	245 02	235 02	235 02	255 09	215 13	260 12	275 21	265 29	260 32	320 08	310 07	305 06	275 04	255 64	270 07	110 09	125 14	050 09	/50 03	240 03	210 08	220 19	221 19	270 19	...	.
Jessore .	280 07	280 09	200 08	305 10	330 17	315 19	...	...	...	355 04	355 06	3/5 07	335 11	330 16	325 24	300 01	315 04	325 08	330 16	330 34	315 23	245 23	270 35	260 37	...	...
Jhelum ...	320 07	305 07	295 02	300 00	335 08	235 01	330 07	290 12	275 19	305 09	310 13	315 11	350 03	020 02	210 03										...	...
Jiwani ...	195 08	290 04	290 06	320 10	315 12	293 12	280 25	275 25	275 24	300 16	295 11	330 05	030 03	090 05	270 16	305 06	295 03	200 02	160 05	2?0 07	250 18	265 30	265 37	270 45	...	...
Karachi ...	200 12	165 04	060 06	070 07	025 12	250 14	270 25	280 29	285 24	...			...	...		240 01	020 00	000 00	105 02	155 08	260 10	270 30	265 34	25/ 37	...	..
Khanpur ...	240 04	315 02	180 04	055 08	135 01	180 14	180 13		...	030 08	035 09	035 08	300 06	290 07	315 08	145 17	145 18	145 17	170 08	140 12	275 25	270 30	...	265 23	...	...
Khuzdar ...	...	...	...	235 08	245 12	309 08	260 15	220 21		...	...		290 07	295 11	243 10											
Lahore ...	325 10	320 10	315 07	295 04	290 09	295 14	295 14	295 08	315 12	325 07	310 06	305 08	320 12	325 13	335 15	320 06	310 10	305 12	305 13	295 10	255 05	270 04	255 09	255 12	...	...
Multan ...	120 06	075 04	100 04	330 03	290 09	265 12	250 04	275 11	265 16	215 01	160 04	145 01	260 08	/65 07	260 11		...	...	...				...		...	...
Nawab Shah ..	035 03	030 03	005 03	360 05	280 03	275 14	270 28	265 39	270 47	225 01	250 03	280 05	295 13	300 08	250 10	145 04	170 03	205 03	240 06	210 08	230 13	285 35	285 54	275 52	...	...
Nokkundi ..	...	...	175 01	265 02	290 06	285 07	280 20	275 25	270 32	...	...	125 03	145 05	170 06	195 07	...	...	120 08	100 07	240 07	265 03	260 17	254 10	270 10	...	...
Panjgur ...	..	..	...	...	...	...	...	...		...	...	...	...	...		...		...	...	..	...		.	...	-	...
Peshawar ...	...	175 04	200 05	300 08	325 06	340 11	345 06	295 03		...	...	...	...	...	...	...	110 03	200 03	305 03	160 03	105 09	235 07	226 13	220 16	...	...
Parachinar ...	...	...	...	115 02	140 05	265 14	285 10	..	280 14	...	...	...		...	...	...	...	-	...						...	...
Quetta ...	...			...	315 07	285 05	265 11	265 19	270 32	...	...	...	355 01	080 01	...					255 04	285 09	270 16	265 22	255 20	...	..
Sargodha ...	175 01	280 13	335 04	330 09	305 07	2>0 12	295 12	290 14	275 16	260 06	290 07	305 07	295 08	310 08	310 09	235 04	290 06	295 06	290 06	300 08	308 07	275 09	255 10	250 11	...	...
Skardu ...	...		...	...	...		...	...	...	...	...	..	..	..	...								...		...	...
Sylhet ...	185 03	240 04	285 07	275 12	240 11	257 11	..	—	...	...	...	.	..	.	.	105 05	103 03	110 05	255 02	/17 50	280 15	245 47	...	260 52	...	...
Veraval ...	...	..	..	...	...	.		...	...	...	...	...	...	...	..	...	...	...	...	...	.	...	...	...	...	..

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi .	310 08	210 04	265 09	210 04	085 03	260 10	265 23	280 33	280 49	..	...	...	...	...	...	...	...	..
Multan ...	160 05	200 06	220 05	245 04	270 10	270 08	283 17	180 27	270 55									
Peshawar ..																		
Quetta																		
Sargodha ...																		

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

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

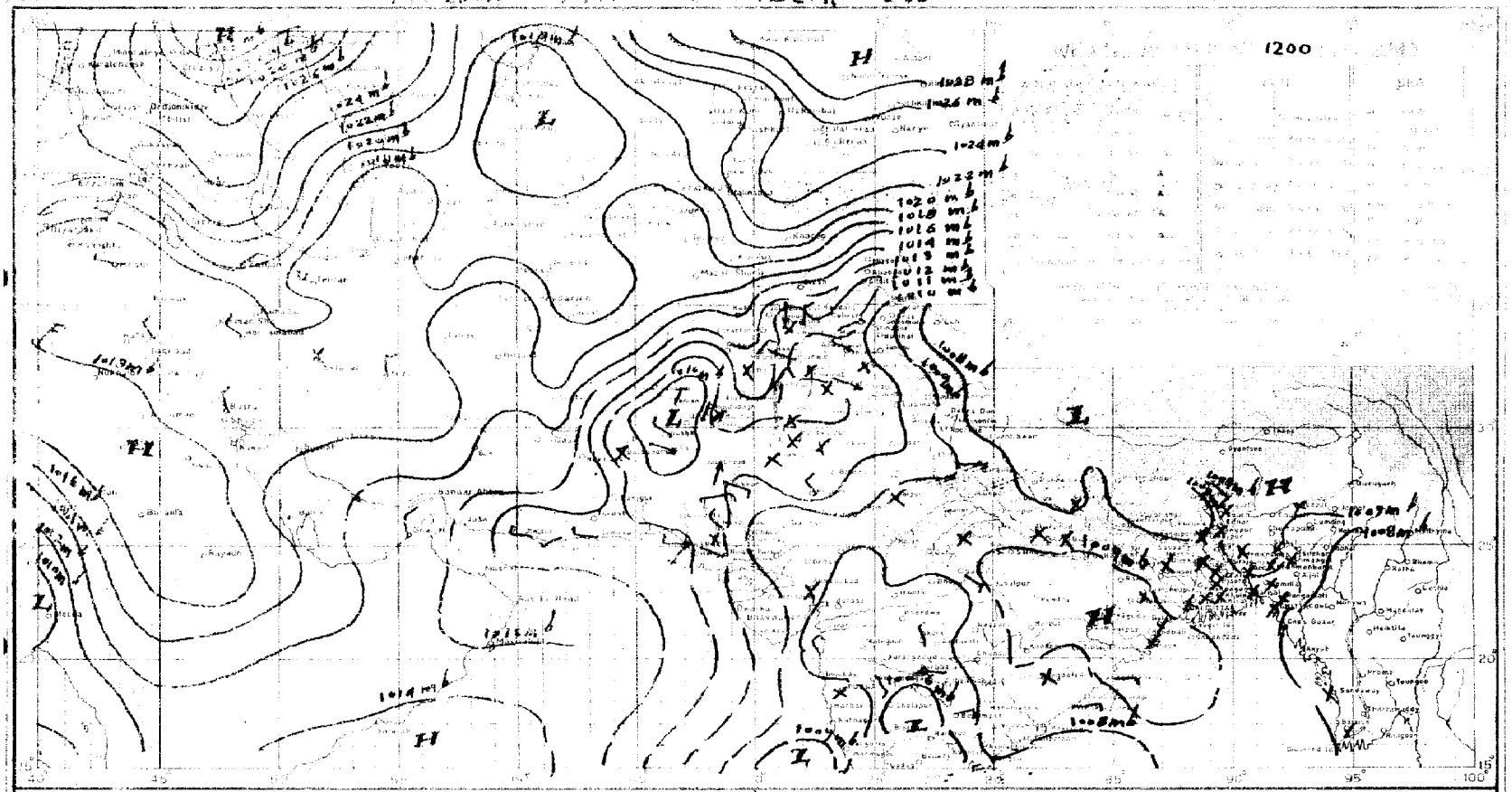
† The actual time of observations may vary within half an hour of the specified time.

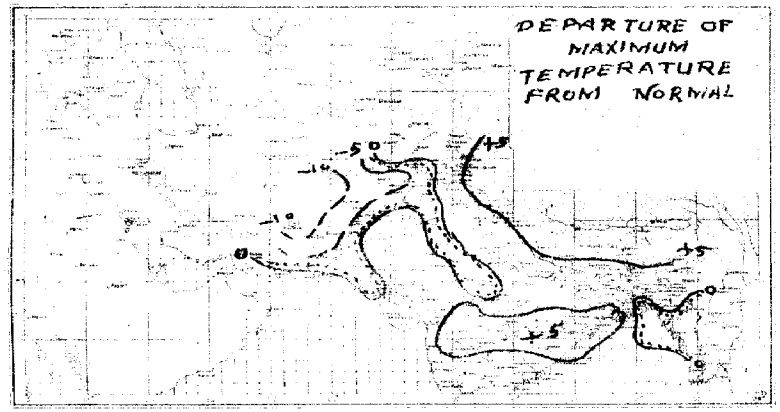
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

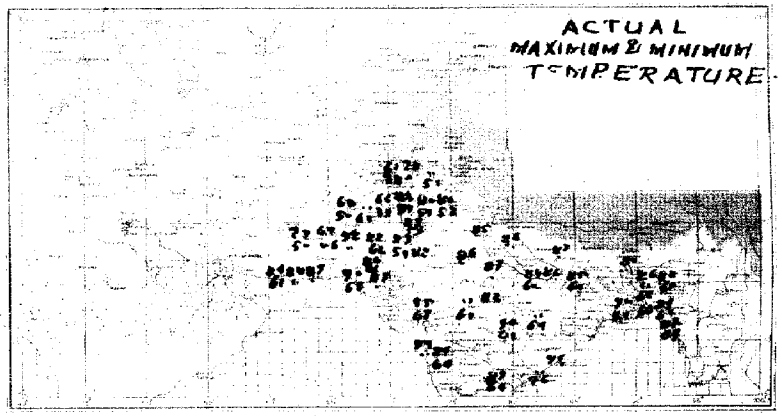
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 14th NOVEMBER, 1969





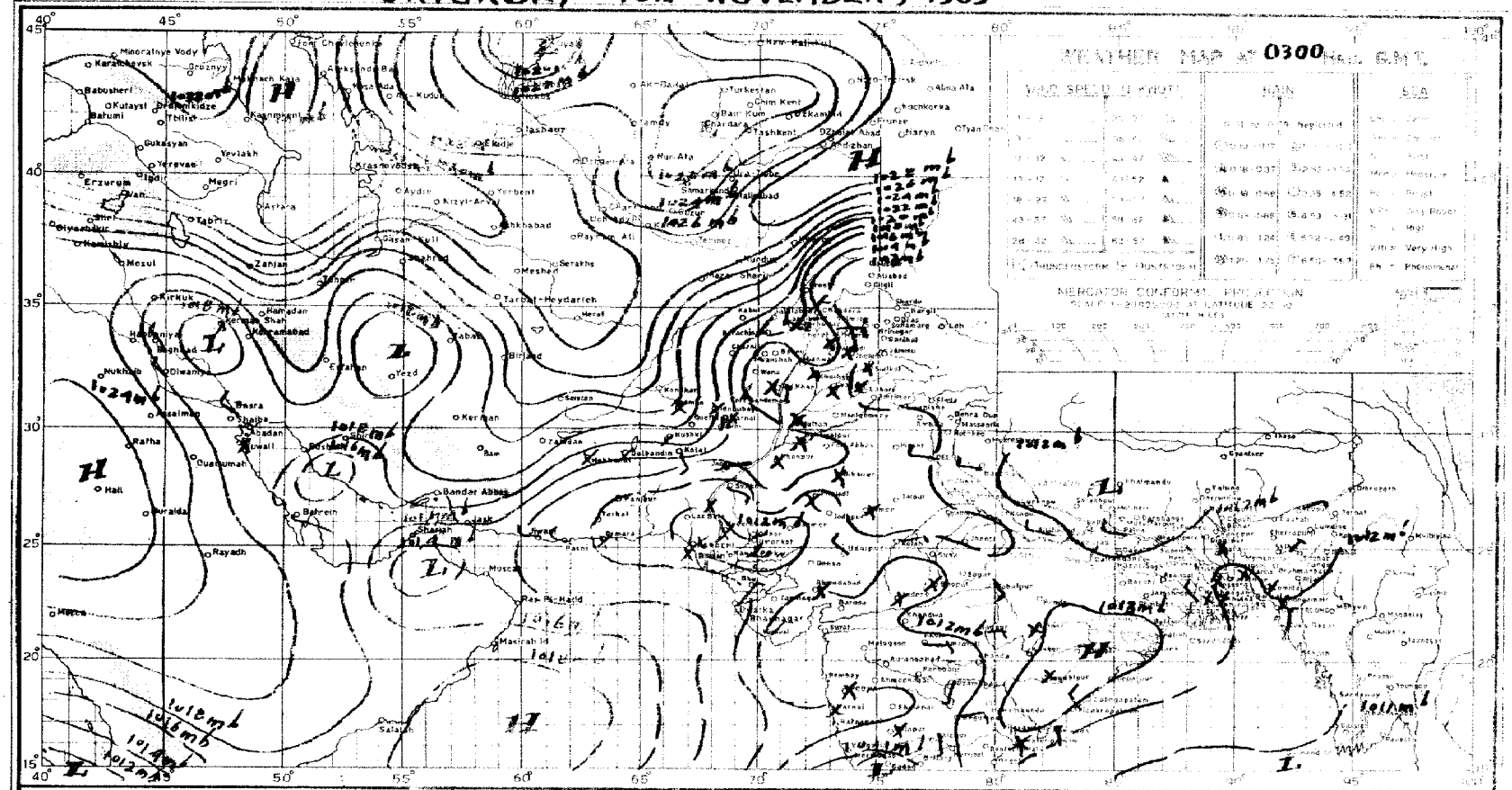


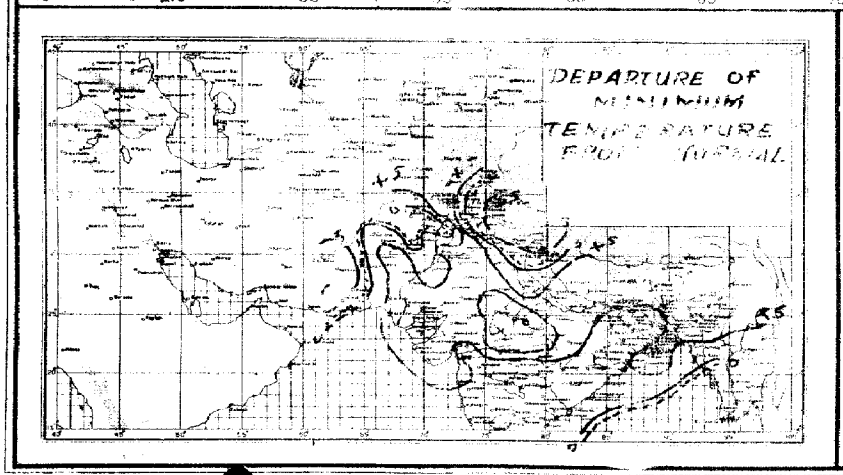
RED No. 1024 HWXD'61-5000'63-5,000'67.

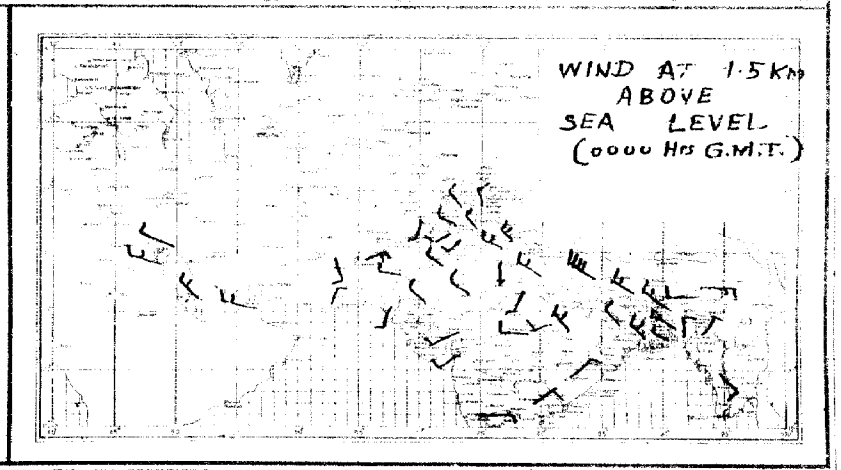
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 15th NOVEMBER, 1969







REG. No. 1024 RWXD61-5000'69-[illegible]

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 16th NOVEMBER 1969.

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

Yesterday's western disturbance over central Iran moved eastwards and now lies over northwest Afghanistan. It has induced a trough of low pressure over Quetta division and neighbourhood.

Weather remained dry over the country.

Night temperatures were 8 – 12 °F (4—7 °C) above normal in Chittagong, Khulna, D. I. Khan and Multan divisions and 3 – 7 °F (2—4 °C) so in Lahore, Bahawalpur, Sargodha, Rawalpindi, Quetta and Hyderabad divisions.

Forecast valid until the evening of 17th November 1969 : —Rain/drizzle will be scattered in Quetta, D. I. Khan, Peshawar divisions and in Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 16th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	1	27	02	56	01	0	102	78	1	1	7	0	0	67	86
	Cox's Bazar ...	000	0	0	34	10	//	02	0	094	78	0	0	9	0	0	67	87
	Chittagong ...	000	0	3	00	00	//	02	0	101	77	2	0	9	3	1	68	85
	Maijdee Court ...	000	0	0	00	00	//	//	/	092	80	0	0	9	0	0	64	85
	Comilla ...	000	0	0	00	00	96	02	0	104	77	0	0	9	0	0	70	[illegible]
	Brahmanbaria ...	000	0	0	00	00	//	00	0	058	65	0	0	9	0	0	77	85
	Sylhet ...	000	0	1	00	00	//	01	0	101	76	0	0	9	3	0	67	62
	Srimangal ...	000	0	0	00	00	//	00	0	091	77	0	0	9	0	0	70	86
Dacca	Mymensingh ...	000	0	0	00	00	//	00	0	101	77	0	0	9	0	0	73	85
	Narayanganj ...	000	0	0	16	02	//	00	0	115	80	0	0	9	0	0	68	82
	Dacca (Tergaon) ...	000	0	2	00	00	96	02	0	100	78	0	0	9	0	1	64	86
	Faridpur ...	000	0	0	00	00	53	00	0	074	00	0	0	9	0	0	67	85
Khulna	Barisal ...	..	..	..	...	...	...	...	..	...	..	..	...	..	..	..	...	..
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	000	0	0	00	00	97	00	0	104	7	0	0	9	0	0	68	86
	Jessore ...	000	0	1	00	00	57	02	0	101	82	0	0	9	0	1	67	87
Rajshahi	Pabna ...	000	0	0	00	00	//	02	0	102	76	0	0	9	0	0	73	87
	Sirajganj ...	000	0	0	00	00	//	//	/	092	80	0	0	9	0	0	67	85
	Rajshahi ...	000	0	0	00	00	94	02	0	110	76	0	0	9	0	0	67	//
	Bogra ...	000	0	0	00	00	//	01	0	098	76	0	0	9	0	0	64	85
	Dinajpur ...	000	0	0	00	00	//	//	/	087	80	0	0	9	0	0	72	85
	Rangpur ...	000	0	0	00	00	56	01	0	072	72	0	0	5	0	0	64	78
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	95	04	0	117	76	0	0	9	0	0	43	80
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	0	8	31	02	97	02	0	113	76	0	0	9	0	0	45	//
	Islamabad ...																	
	Rawalpindi ...	000	0	0	27	02	59	00	0	121	68	0	0	9	0	0	47	76
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	36	//	97	00	0	058	82	0	0	5	0	0	78	87
	Sargodha ...	000	0	1	00	00	97	02	0	113	76	1	1	6	0	0	54	8
	Lyallpur ...	000	0	0	00	00	56	00	0	110	78	0	0	5	0	0	56	8
Multan	Sahiwal ...																	
	Multan ...	000	0	0	13	02	57	02	0	110	78	0	0	9	0	0	54	82
	Laiah ...	000	0	0	36	00	94	00	0	128	67	0	0	9	0	0	45	87
Bahawalpur	Khanpur ...	...	..	..	...	...	...	...	..	...	..	..	..		..		...	
	Bahawalpur ...	...	...	...	...	..	..	..	..	..	..	..	..				...	
	Fort Abbas ...																	
Peshawar	Chakdra ...	000	0	0	23	03	58	02	0	088	70	0	0	9	0	0	47	70
	Peshawar ...	000	0	1	00	00	97	02	0	116	70	1	1	6	0	0	47	76
	Risalpur ...	000	0	0	31	00	98	00	0	101	71	0	0	9	0	0	43	74
D. I. Khan	Bannu ...	000	0	0	13	02	59	00	0	111	73	0	0	9	0	0	41	78
	D. I. Khan ...	000	0	0	00	00	97	02	0	109	78	0	0	9	0	0	60	[illegible]
Quetta	Sibi ...	000	0	0	36	03	97	02	0	100	87	0	0	9	0	0	56	68
	Nokkundi ...	000	0	2	31	05	57	03	0	101	74	2	5	6	0	0	70	75
Kalat	Turbat ...	000	0	0	09	02	96	00	0	970	85	0	0	9	0	0	//	85
	Jiwani ...	000	0	2	27	09	96	02	0	110	75	0	0	9	0	2	59	83
	Pasni ...	000	0	0	25	00	96	01	0	106	94	0	0	0	0	0	61	58
Karachi division	Ormara ...	000	0	0	07	03	56	02	2	107	85	1	0	9	0	0	78	87
	Lasbela ...	///	0	2	00	00	58	00	0	099	89	0	0	8	0	0	58	..
	Karachi (Manora) ...	000	0	0	27	05	57	02	0	058	80	0	0	9	0	0	66	86
	Karachi (Airport) ...	000	0	0	23	05	56	01	0	055	83	0	0	9	0	0	56	50
Hyderabad	Nagarparkar ...	...	..	...	...	...	...	...	..	—		..	..			..	..	..
	Chhor ...	000	0	0	00	00	96	01	0	093	87	0	0	9	0	0	55	53
	Hyderabad ...	000	0	2	00	00	97	03	0	058	87	0	0	9	0	1	51	53
	Badin ...	000	0	0	00	00	97	02	0	104	93	0	0	9	0	0	52	54
Khairpur	Padidan ...	000	0	1	31	//	56	03	0	095	85	1	1	7	0	0	47	9[illegible]
	Nawabshah ...	000	0	1	00	00	96	02	0	058	85	0	0	9	0	1	63	91
	Sukkur ...	000	0	0	23	03	96	02	0	087	85	0	0	9	0	0	54	91
	Kashmore ...																	
	Jacobabad ...	000	0	1	36	03	57	02	0	101	83	0	0	9	0	1	57	85
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	05	03	58	00	/	490	58	0	0	9	0	0	38	56
Peshawar	Drosh * ...	...	..	..	...	...	...	...		...	...	...	...	..	..	..	...	...
	Cherat * ...	...	..	..	..	...	...	...		..	...	..	..	..	..	..	...	...
	Kakul * ...	000	0	0	13	05	58	02	0	496	60	0	0	9	0	0	38	67
	Landikotal * ...																	
	Parachinar * ...	000	0	1	16	02	98	02	0	497	56	1	1	6	0	0	53	60
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	01	0	510	76	0	0	9	0	0	38	76
	Wana * ...	000	0	0	00	00	59	00	0	463	64	0	0	9	0	0	49	64
Quetta	Fort Sandeman * ...	000	0	0	23	03	98	02	0	464	65	0	0	9	0	0	//	66
	Hindubagh * ...	000	0	0	23	03	97	02	(	5?3	64	0	0	9	0	0	42	65
	Loralai * ...	000	0	8	27	02	58	0		350	84	0	0	8	0	8	45	86
	Barkhan * ...	000	8	0	13	02	57	0?	0	455	69	0	0	9	0	0	35	73
	Harnai * ...	000	0	0	00	00	56	02	0	425	69	0	0	0	0	0	//	68
	Samungli (Quetta) * ...	..	..	...	..	...			..	.	..		..	..	..	...	—	..
	Chaman * ...	000	0	0	27	03	97	00	0	508	60	0	0	9	0	0	//	63
	Nushki * ...	000	0	0	31	03	97	02	0	545	66	0	0	9	0	0	//	66
	Dalbandin * ...	000	0	0	05	02	97	02	0	503	70	1	1	9	6	9	70	72
Kalat	Kalat * ...	000	0	0	34	03	96	02	0	468	55	0	0	9	0	0	38	57
	Khuzdar * ...	000	0	0	00	00	//	//	/	510	71	0	0	9	0	0	//	72
	Panjgur * ...																	

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 konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Rangamati	000	4	3	36	02	97	01	4	115	73	3	4	6	0	0	68	//
Cox's Bazar	000	0	0	36	06	97	02	0	129	79	0	0	9	0	0	73	79
Chittagong	000	0	0	09	02	97	02	0	138	73	0	0	9	0	0	69	//
Maijdee Court	000	9	0	00	00	58	00	0	130	68	0	0	9	0	0	65	67
Comilla	000	0	0	00	00	96	02	0	181	77	0	0	9	0	0	73	75
Brahmanbaria	000	0	0	18	02	97	00	0	037	81	0	0	9	0	0	69	65
Sylhet	000	0	0	09	05	97	02	0	142	73	0	0	9	0	0	65	64
Srimangal	000	0	0	00	00	56	00	0	140	75	0	0	9	0	0	68	58
Mymensingh	000	0	0	00	00	57	00	0	143	75	0	0	9	0	0	69	65
Narayanganj	000	0	0	00	00	57	00	0	141	77	0	0	9	0	0	68	65
Dacca (Tergaon)	000	0	0	27	02	96	05	0	139	73	0	0	9	0	0	64	62
Faridpur	..		-	..	...	..	..	..	..	..		..	..	..	..	...	...
Barisal	000	0	0	00	00	97	02	4	140	75	0	0	9	0	0	65	62
Khulna	00	0	0	00	00	97	00	0	136	81	0	0	9	0	0	73	73
Satkhira	..		..														
Jessore	000	3	0	33	03	56	05	4	143	73	0	0	9	0	0	65	62
Pabna	000	0	0	31	02	58	02	2	140	75	0	0	9	0	0	65	64
Sirajganj	000	0	0	00	00	58	00	0	139	73	0	0	9	0	0	65	62
Rajshahi	000	0	0	31	02	96	02	0	146	73	0	0	9	0	0	64	62
Bogra	000	0	0	00	00	56	02	0	142	79	0	0	9	0	0	56	64
Dinajpur	000	0	0	09	02	56	00	0	138	77	0	0	9	0	8	68	67
Rangpur	000	3	4	00	00	//	//	4	127	73	4	0	9	1	0	65	62
Jammu																	
Lahore (Jail Rd.)	000	0	3	00	00	54	10	0	170	58	0	0	9	7	1	49	51
Sialkot																	
Jhelum	000	0	2	09	02	96	01	0	158	56	0	0	9	0	1	47	49
Islamabad																	
Rawalpindi	000	0	6	00	00	97	01	0	179	50	0	0	9	0	8	45	47
Campbellpur																	
Khushab	000	0	0	00	//	97	06	0	147	60	0	0	9	0	0	38	49
Sargodha	000	0	0	00	00	56	06	0	169	56	1	1	6	0	1	50	51
Lyallpur	000	0	4	00	00	55	02	0	155	58	0	0	9	0	4	50	51
Sahiwal																	
Multan	000	0	6	00	00	56	02	0	146	64	6	0	9	7	0	50	58
Laiah	000	0	4	36	00	//	02	2	144	62	0	4	7	0	0	56	59
Khanpur	000	0	0	00	00	56	01	0	146	62	0	0	9	0	0	51	51
Bahawalpur	000	0	0	00	00	96	00	0	134	62	0	0	9	0	0	58	56
Fort Abbas																	
Chakdra	..		..	..	..	...	...	..	...	...	..	..			..	..	...
Peshawar	000	0	0	00	00	57	01	0	181	51	0	0	9	0	0	49	50
Risalpur	000	0	0	05	03	58	00	0	146	56	0	0	9	0	0	47	50
Bannu	000	0	6	31	03	58	17	9	164	62	4	3	6	4	0	62	54
D. I. Khan	000	0	5	0	00	56	03	0	166	62	3	0	9	4	3	54	58
Sibi	000	0	6	36	03	97	03	1	153	58	4	0	9	4	2	42	54
Nokkundi	000	0	0	00	00	56	02	0	180	53	8	0	9	0	0	//	50
Turbat	000	0	0	09	02	96	00	0	001	64	0	0	9	0	0	//	//
Jiwani	000	0	0	36	03	56	02	0	135	69	0	0	9	0	0	58	69
Pasni	000	0	0	29	/	//	02	0	134	62	0	0	0	0	0	47	//
Ormara	000	0	0	00	00	56	02	0	136	68	0	0	9	0	0	63	//
Lasbela	00	0	0	00	00	98	00	0	145	67	0	0	8	0	0	57	55
Karachi (Manora)	000	0	0	00	00	96	02	0	127	72	0	0	9	0	0	65	70
Karachi (Airport)	000	0	0	0	00	56	02	0	134	62	0	0	9	0	0	58	62
Nagarparkar	000	0	0	05	02	97	02	0	110	75	0	0	0	0	0	43	74
Chhor	000	0	0	00	00	96	02	0	130	63	0	0	9	0	0	47	54
Hyderabad	000	0	0	31	02	97	02	0	139	67	0	0	9	0	0	55	64
Badin	000	0	0	27	01	97	02	0	119	67	0	0	9	0	0	62	65
Padidan	000	0	0	36	02	56	02	0	144	63	0	0	9	0	0	51	57
Nawabshah	000	0	0	00	00	56	02	0	142	67	0	0	9	0	0	62	65
Sukkur	000	0	0	13	05	55	05	4	142	65	0	0	9	0	0	65	62
Kashmore																	
Jacobabad	000	0	0	36	02	97	02	0	143	69	0	0	9	0	0	52	63
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	0	6	09	03	97	02	1	529	43	5	4	5	5	0	32	40
Drosh	000	0	4	00	00	97	03	0	534	45	4	1	9	0	0	//	43
Cherat	000	0	0	00	00	58	00	0	528	49	0	0	9	0	0	38	47
Kakul	000	0	7	31	02	58	03	/	528	51	0	0	9	3	0	41	49
Landikotal																	
Parachinar	000	0	1	00	00	98	02	0	535	45	1	5	9	0	0	//	//
Miranshah	000	0	3	05	05	59	00	0	532	54	0	0	9	0	0	43	47
Wana	000	0	0	00	00	59	00	0	518	47	0	0	9	0	0	38	40
Fort Sandeman	000	0	1	00	00	97	01	0	512	44	0	0	9	1	0	//	42
Hindubagh	000	0	0	00	00	97	02	0	547	44	0	0	9	0	0	/	31
Loralai	000	0	8	8	02	58	01	0	350	45	8	1	8	0	0	33	40
Barkhan	000	0	0	31	05	57	02	0	476	54	0	0	9	0	0	32	50
Harnai	...	...	...	...	...	..	..	...	...				..	..	..		..
Samungli (Quetta)	000	0	0	00	00	56	02	0	515	43	0	0	9	0	0	//	39
Chaman	000	0	0	09	03	//	00	0	523	51	0	0	9	0	0	//	//
Nushki	000	0	0	07	05	97	02	0	554	58	0	0	9	0	0	//	51
Dalbandin	000	0	1	05	02	97	03	0	499	45	1	0	9	4	0	//	38
Kalat	000	0	3	18	03	96	03	0	505	39	0	0	9	0	4	20	2[illegible]
Khuzdar	000	0	2	00	00	56	03	0	504	49	2	5	6	0	0	//	46
Panjgur																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—	/	—	—	—	—
Cox's Bazar	+ 2	+ 12	0.7	— 1.7	92.0	140
Chittagong	+ 1	/	1.2	— 0.3	105.7	109
Maijdee Court	+ 2	+ 2	—	—	—	115
Comilla	0	+ 12	0.4	— 0.6	103.1	94
Brahmanbaria	—	—	0.0	— 1.0	53.8	78
Sylhet	—	—	1.5	—	194.7	—
Srimangal	— 1	+ 1	0.8	— 0.3	83.2	98
Mymensingh	+ 2	+ 1	—	—	—	91
Narayanganj	— 2	0	1.3	+ 1.5	83.1	74
Dacca (Tergaon)	—	—	1.3	—	66.0	—
Faridpur	+ 3					71
Barisal		— 2	—	—	—	81
Khulna		+ 8	1.4	+ 0.4	74.5	68
Satkhira	+ 1					65
Jessore	—	—	1.1	+ 0.3	72.5	68
Pabna	—	—	1.0	—	66.3	59
Sirajganj	—	—	0.4	— 0.2	61.6	64
Rajshahi	—	+ 1	—	—	—	—
Bogra	+ 3	+ 2	1.3	+ 0.6	57.6	69
Dinajpur	+ 2	+ 7	0.8	— 0.5	96.5	72
Rangpur	—	+ 2	1.5	+ 1.2	87.5	84
Jammu						—
Lahore (Jail Rd.)	— 4	+ 5	0.0	0.0	18.0	18
Sialkot						32
Jhelum	/	—	0.0	—	31.2	—
Islamabad						—
Rawalpindi	— 2	+ 4	0.1	0.0	33.6	36
Campbellpur						—
Khushab	— 2	—	0.0	0.0	7.8	15
Sargodha	—	—	0.0	—	20.6	—
Lyallpur	— 2	+ 3	0.0	0.0	7.7	12
Sahiwal						10
Multan	— 2	+ 8	0.0	0.0	4.3	7
Laiah	—	—	0.0	—	2.7	8
Khanpur		0	0.3	+ 0.3	1.4	6
Bahawalpur		+ 5	0.0	0.0	2.0	6
Fort Abbas						8
Chakdra	—					—
Peshawar	— 1	+ 2	0.5	+ 0.5	14.8	11
Risalpur	—	—	1.0	—	24.0	—
Bannu	—	—	0.3	—	4.7	11
D. I. Khan	— 1	+ 11	0.0	— 0.1	6.0	9
Sibi	—	—	0.0	—	0.2	5
Nokkundi	—	—	0.0	—	0.3	2
Turbat	—	/	0.0	—	0.2	—
Jiwani	—		0.0	—	2.0	5
Pasni	+ 12	/	0.0	— 0.1	0.0	6
Ormara	—	/	0.0	0.0	0.6	6
Lasbela	—	—	0.0	—	0.7	8
Karachi (Manora)	0	+ 4	—	— 0.1	1.1	8
Karachi (Airport)	—	—	0.0	—	1.5	—
Nagarparkar		—	0.0	—	0.1	—
Chhor	—	—	0.0	—	0.3	7
Hyderabad	+ 3	+ 5	0.0	0.0	0.3	9
Badin	+ 2	—	0.0	— 0.1	0.3	—
Padidan	—	—	0.0	—	0.8	—
Nawabshah	—	—	0.0	—	1.1	4
Sukkur	—	—	0.0	—	0.1	—
Kashmore						4
Jacobabad	— 2	—	0.1	+ 0.0	2.8	20
Veraval						24
Srinagar						—
Gulmarg						71
Sonamarg						26
Dras						3
Leh						6
Skardu						—
Misgar						—
Aliabad						5
Gilgit						59
Murree	— 2	— 1	0.7	— 0.5	40.8	18
Drosh		—	—	—	—	29
Cherat		— 2	0.6	+ 0.5	15.0	—
Kakul	—	—	0.6	—	33.5	—
Landikotal						29
Parachinar	— 6	+ 1	0.6	—	22.2	13
Miranshah	—	—	0.0	0.0	2.0	11
Wana	—	—	0.0	—	4.3	11
Fort Sandeman	— 7	+ 8	0.0	— 0.0	6.5	—
Hindubagh	—	—	—	—	—	9
Loralai	—	—	0.1	—	0.6	—
Barkhan	—	—	0.0	—	1.0	14
Harnai	—					9
Samungli (Quetta)		—	—	—	—	8
Chaman	— 6	/	0.0	0.0	4.7	—
Nushki	—	—	0.0	—	2.6	4
Dalbandin	— 6	— 1	0.0	0.0	0.5	7
Kalat	— 7	— 1	0.0	—	2.2	—
Khuzdar	—	—	0.0	—	3.2	5
Panjgur						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 16th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sCh_sh_s$	$OT_sT_sT_sT_s$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	d. $d_wP_wH_wH$.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Bawean	99 2 19	10 6 22	15 0 63	00 0 00	98 6 00	12 2 27	00 9 00	34 1 06			0 / / 16	12 8 20	30 0 00	00 / 00
Bawean	99 1 95	10 6 51	15 1 83	00 3 05	98 0 00	14 2 27	00 9 00	34 8 08			0/ / 16	12 7 20	30 3 01	00 / 00

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	1000 mb hhh TTT$_s$ DD	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	012 210 41	...	520 180 61	116 084 61	590 039 60	...	974 309 69	249 521 / /	...	...	...	...	...
Dacca ...	00 00	010 200 23	...	475 130 56	110 0 8 56	583 051 56	756 177 56	963 333 56	235 551 / /		...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	009 182 63	...	450 100 56	053 035 / /	563 175 / /	727 225 / /	928 235 / /	199 481 / /	...	...	...	...	...
Multan ...	00 00	999 170 59	...	500 074 / /	046 011 / /	560 191 / /	717 331 / /	917 391 / /	199 505 / /	...	...	...	...	...
Peshawar ...	00 00	973 108 47	...	450 120 50	074 007 50	567 173 / /	731 287 / /	930 407 / /	199 549 / /	...	...	...	...	...
Quetta ...	00 00	821 105 62	...	...	061 083 / /	/// /// / /	721 403 / /	922 377 / /	074 445 / /	...	...	...	...	...
Sargodha ...	00 00	998 200 66	...	500 164 60	129 050 10	575 145 / /	741 245 / /	944 381 / /	214 531 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE	
16	17	18	19	20	21	22	23	24	25	26	$P_mP_mP_m$ $d_md_mf_mf_mf_m$	$P_tT_tP_tT_tT_{st}$	dt dt ft ft ft
Chittagong ...	00 00	900 200 60	800 150 61	600 036 60	350 251 61	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 156 50	800 122 56	600 026 56	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 028 / /	/// /// / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	280 08	275 07	260 08	245 09	280 15	295 21	...	...	...	005 06	360 08	325 08	320 23	320 17	250 21
Chaklala ...	...	280 12	285 10	250 03	135 03	115 09	250 08	255 17	225 20	360 05	025 03	350 03	290 07	295 09	275 20
Chhor ...	315 03	340 02	040 03	170 05	210 09	235 09	275 30	260 43	265 49	...	040 05	300 06	250 02	285 08	...
Chittagong ...	335 12	335 12	360 11	345 08	345 10	345 09	...	...	...	060 15	055 10	060 09	130 08	165 10	215 14
Cheat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	350 17	350 19	360 15	075 11	070 06	085 01	...	...	...	...	...	...	...	...	...
Dacca ...	280 02	255 04	260 06	250 00	310 21	295 31	...	...	...	010 18	010 13	010 13	360 10	015 10	065 05
Dalbandin ...	...	...	065 06	070 07	075 02	285 05	250 41	265 32	265 28	325 06	310 09	305 09	...	300 13	...
D. I. Khan ...	135 04	140 06	150 0/	190 07	155 11	210 08	250 17	260 20	270 18	...	...	070 04	095 14	120 20	205 14
Drosh ...	...	...	...	190 03	225 03	230 06	160 10	190 14	200 19	330 07	340 08	005 07	065 06	110 05	115 10
Fort Sandeman ...	...	...	...	210 13	205 14	205 11	245 13	260 28	265 29	...	...	...	140 00	005 01	005 06
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	185 02	185 03	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	225 01	125 01	105 03
Jacobabad ...	330 04	030 01	095 04	185 09	210 15	270 19	265 39	265 43	...	...	...	...	...	...	...
Jessore ...	295 03	300 04	310 08	330 16	310 17	285 15	...	...	...	045 06	075 05	055 03	200 04	205 11	...
Jhelum ...	...	...	...	...	...	...	...	...	...	015 08	010 10	340 10	330 23	/// //	315 27
Jiwani ...	255 07	245 07	/// //	265 09	280 06	275 16	265 31	260 41	260 50	315 04	330 08	305 07	295 13	305 15	295 15
Karachi ...	240 08	220 07	175 06	165 04	080 03	180 04	245 20	265 26	...	290 12	075 14	280 14	260 10	250 11	280 28
Khanpur ...	230 01	215 02	215 05	250 08	250 13	250 07	245 30	250 07	035 40	...	...	...	...	...	...
Khuzdar ...	...	...	...	245 06	245 05	245 06	280 18	270 38	265 55	245 09	250 10	245 11	235 13	265 10	3.5 10
Lahore ...	300 05	290 06	295 06	310 06	310 07	340 09	350 01	225 03	245 06	...	...	...	115 22	240 07	245 08
Multan ...	145 08	145 10	150 10	259 08	215 06	270 12	255 29	260 29	270 36	335 05	340 07	355 07	005 09	360 05	3 5 03
Nawab Shah ...	160 03	185 03	190 05	200 08	245 10	265 19	285 42	295 80	...	110 23	110 29	190 33	255 12	290 10	230 17
Nokkundi ...	...	...	120 05	145 06	190 06	255 14	270 35	255 42	254 0/	235 02	180 2/	175 01	185 08	190 13	225 13
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	220 02	250 02	270 04	290 07
Peshawar ...	...	110 03	160 03	165 05	105 06	265 04	220 13	220 13	215 21	...	305 04	010 04	190 05	205 06	215 06
Parachinar ...	...	...	...	150 12	170 10	220 12	105 05	...	230 23	...	...	...	075 02	090 05	...
Quetta ...	...	...	...	...	180 05	275 06	290 13	290 17	301 22	...	...	...	...	...	...
Sargodha ...	210 04	195 03	250 03	259 07	285 07	255 17	255 13	/// //	260 24	055 0/	270 03	270 04	305 05	285 07	285 12
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	320 02	/// //	...
Sylhet ...	165 02	150 01	255 03	270 4/	010 01	175 04	...	...	...	105 07	105 03	020 04	020 04	220 03	275 23
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	330 10	335 11	335 13	330 20	330 14	260 21	270 22	...	270 23	...	...
Chaklala ...	020 01	330 03	360 06	335 08	335 09	...	...	...	...	...	...
Chhor ...	...	265 01	320 07	/15 09	320 07	285 04	...	...	...	...	...
Chittagong ...	125 07	115 10	105 12	105 06	195 05	235 19	240 31	255 54	260 43	...	...
Cheat ...	340 10	345 17	340 16	345 09	315 12	235 09	250 34	265 34	230 44	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	315 06	310 04	020 04	340 03	315 13	300 09	260 31	265 34	265 33	...	...
Dalbandin ...	...	...	065 08	100 05	225 05	200 08	250 22	265 34	265 39	...	...
D. I. Khan ...	130 04	195 07	200 10	150 10	165 08	180 08	210 12	235 19	250 19	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	265 02	015 03	190 10	235 13	240 14	235 20	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	070 06	085 10	070 13	075 12	090 10	130 09	200 21	210 17	215 12	...	...
Jessore ...	345 14	340 17	330 18	330 32	330 27	330 14	275 25	290 23	290 22	...	...
Jhelum ...	335 03	330 08	320 10	325 12	320 13	245 05	200 13	230 27	230 27	...	...
Jiwani ...	280 10	260 12	285 //	290 09	275 14	265 19	240 33	265 38	265 51	...	...
Karachi ...	035 03	060 02	080 03	125 08	175 15	230 06	255 26	245 35	250 47	...	...
Khanpur ...	095 19	130 25	...	130 03	190 27	145 08	080 04	250 10	235 25	265 30	240 85
Khuzdar ...	...	...	...	190 02	270 14	265 02	/// //	255 41	/// //	275 38	260 68
Lahore ...	010 05	345 05	345 06	345 14	350 09	300 19	240 17	250 35	245 35	...	...
Multan ...	160 10	160 03	165 23	165 18	180 10	185 12	240 20	270 26	248 32	...	...
Nawab Shah ...	065 03	075 03	080 03	120 00	165 08	225 16	255 22	250 61	255 00	...	...
Nokkundi ...	...	...	335 03	300 06	215 03	230 06	250 17	255 18	260 19	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 01	040 02	203 03	345 05	215 09	250 14	250 24	245 33	...	...
Parachinar ...	...	...	...	185 04	105 04	225 18	240 12	...	230 26	...	...
Quetta ...	...	...	...	...	285 05	275 06	295 14	310 15	310 38	...	...
Sargodha ...	165 03	190 03	260 01	330 81	255 05	260 10	255 15	255 18	250 19	...	...
Skardu ...	...	...	...	065 02	/// //	...	160 06	...	...	...	...
Sylhet ...	130 03	130 04	070 00	055 10	030 15	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	290 06	290 05	200 03	160 06	145 10	245 14	245 29	255 38	255 45	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

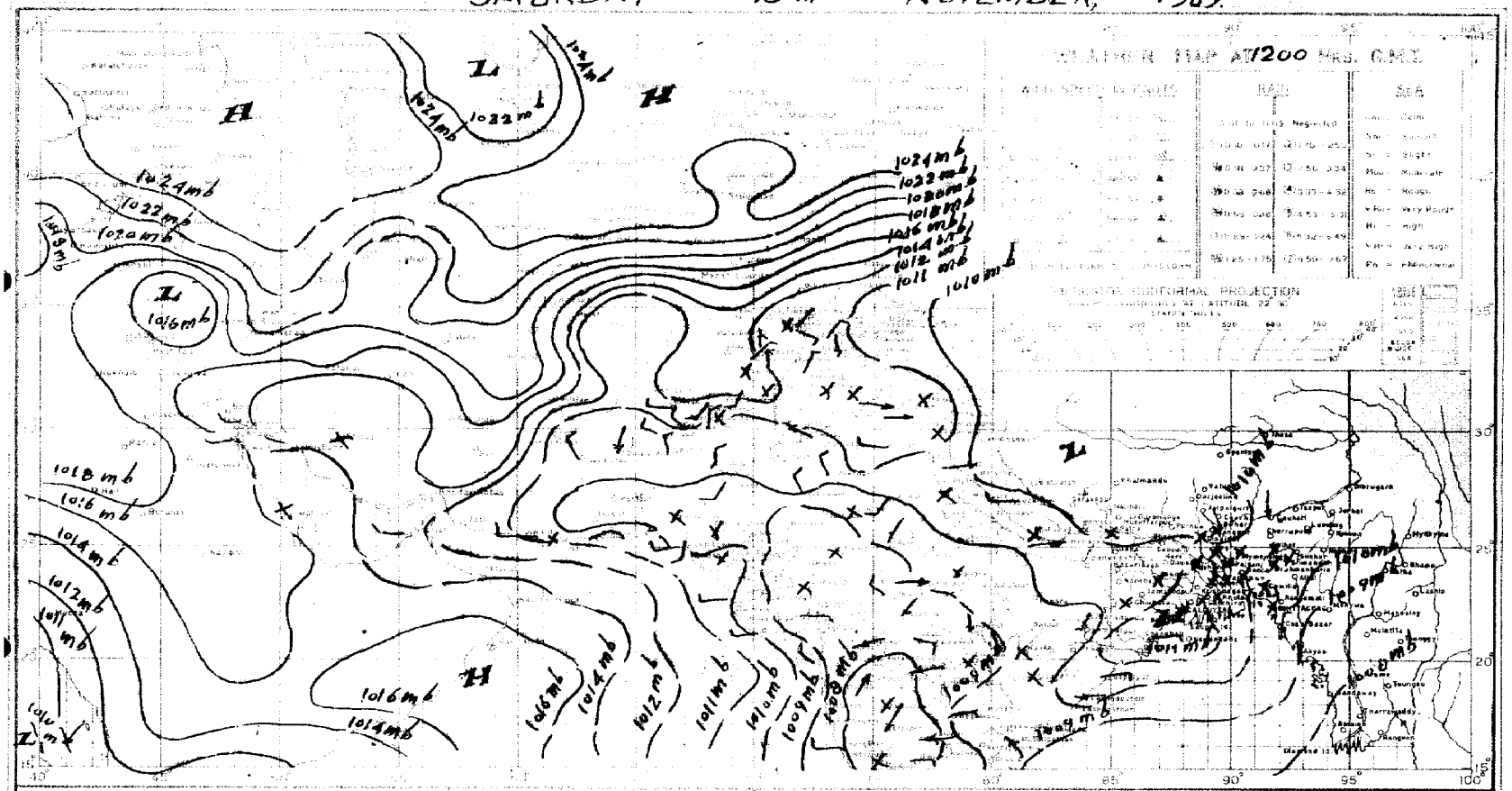
† The actual time of observations may vary within half an hour of the specified time.

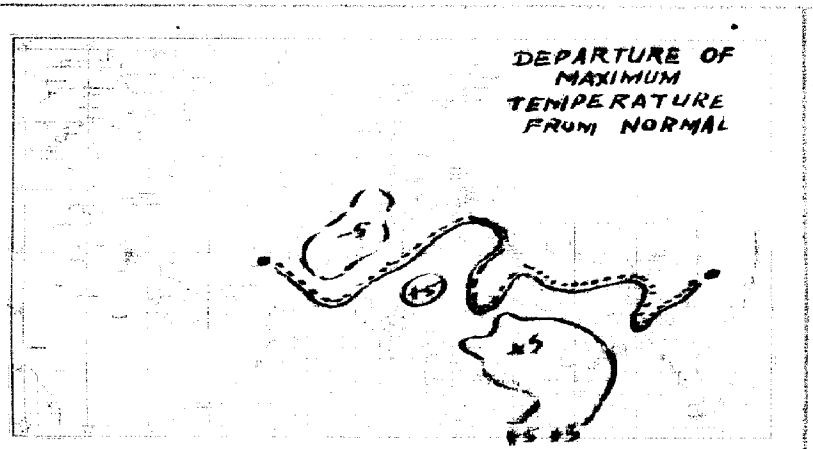
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

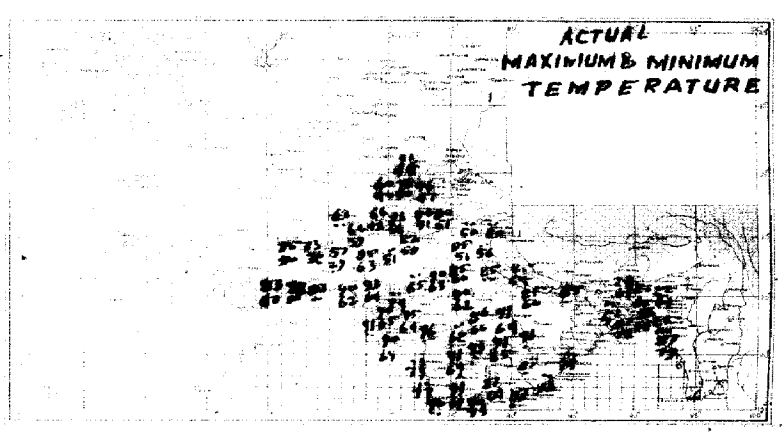
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port .KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 15th NOVEMBER, 1969.



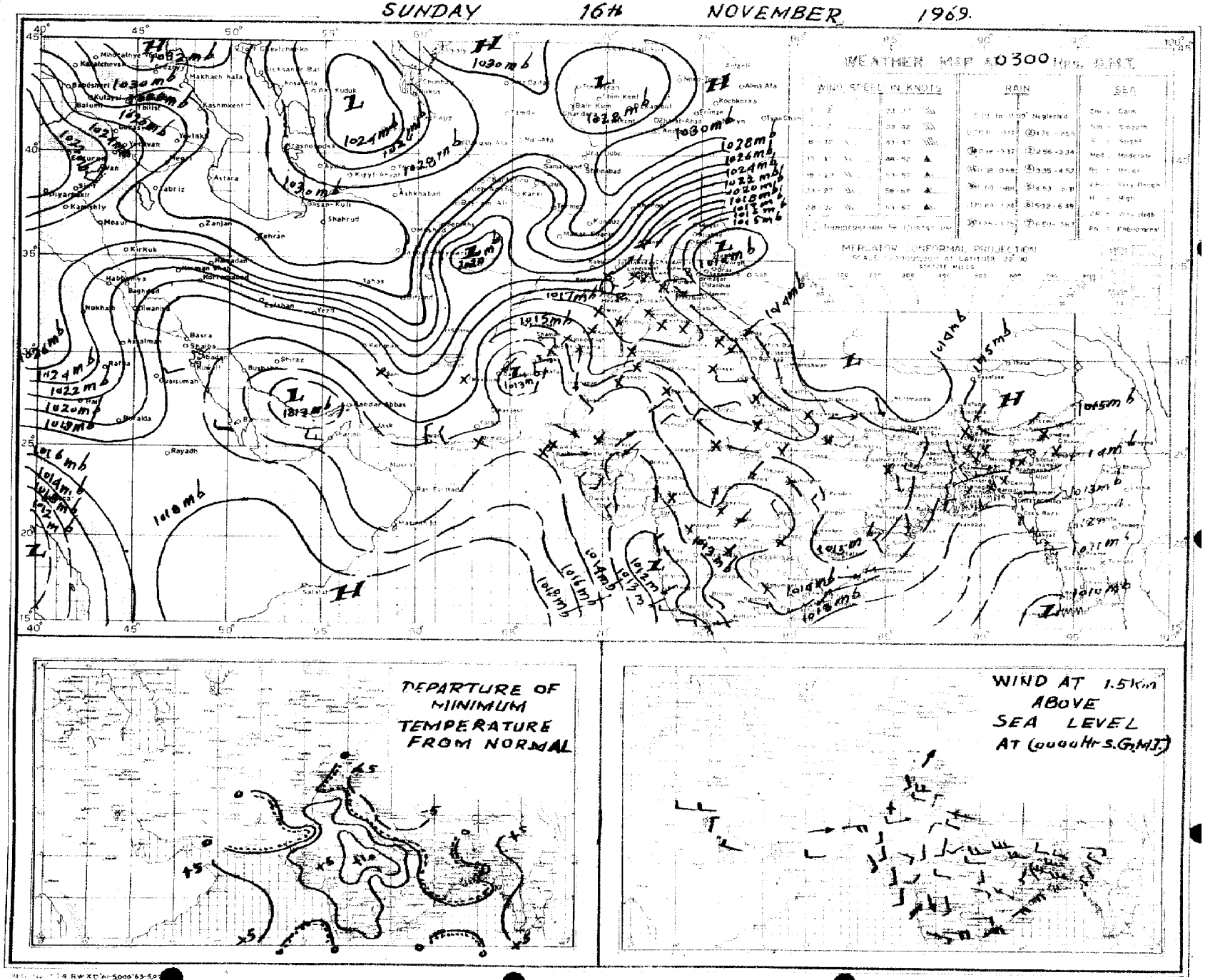




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SUNDAY 16th NOVEMBER 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 17th NOVEMBER 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over northwest Afghanistan is now moving across north of Peshawar division. Its trough over Quetta division has become unimportant.

Scattered rain/thundershowers have occurred in D. I. Khan division. Bannu recorded ¼" of rain. Dry weather prevailed elsewhere in the country.

Night temperatures were 9—11 °F (5—6 °C) above normal in Chittagong, Lahore and Khairpur divisions and 3—8 °F (2—4 °C) so in Sargodha, Multan, Bahawalpur, D. I. Khan, Hyderabad and Karachi divisions and were 3—6 °F (2—3 °C) below normal in Khulna, Rajshahi and Rawalpindi divisions.

Forecast valid until the evening of 18th November 1969:—Rain/drizzle are likely to be scattered in Peshawar, Rawalpindi division and Kashmir. Weather is likely to remain dry elsewhere in the country.

Karachi-11
The 17th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
		At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G. M. T. of date																	Departure from Normal of		Rainfall			
Chittagong	Rangamati	000	0	1	27	02	56	01	0	110	77	1	1	7	0	0	64	85	000	2	2	36	02	57	01	4	194	73	1	4	6	1	4	65	68	—	—	—	—	—	—
	Cox's Bazar	000	0	1	36	12	//	03	0	104	77	0	0	9	0	1	60	86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 2					140
	Chittagong	000	0	2	00	00	56	01	0	107	76	0	0	9	0	1	68	85	000	0	0	36	02	97	01	0	146	73	0	0	9	0	0	65	64	+ 2	— 1	1.2	— 0.3	105.7	108
	Maijdee Court	000	0	0	00	00	//	00	0	102	77	0	0	9	0	0	64	85	000	9	0	00	60	58	00	0	138	77	0	0	9	0	0	65	64	+ 2	—	—	—	—	115
	Comilla	000	0	0	00	00	56	02	0	114	76	0	0	9	0	0	70	86	000	0	0	00	00	56	02	0	144	77	0	0	9	0	0	73	73	+ 3	+ 10	0.4	— 0.6	103.1	94
	Brahmanbaria	000	0	0	27	02	//	00	0	102	76	0	0	9	0	0	72	85	000	0	0	27	02	97	00	0	142	77	0	0	9	0	0	73	67	—	—	0.0	— 1.0	53.8	78
	Sylhet	000	0	0	00	00	//	01	0	105	73	0	0	9	0	0	63	82	080	0	0	09	03	96	02	0	137	73	0	0	9	0	0	64	62	—	—	1.5	—	194.7	—
	Srimangal	000	6	0	05	05	90	02	1	120	76	0	0	9	0	0	67	82	000	0	0	00	00	96	00	0	147	75	0	0	9	0	0	64	68	— 4	+ 11	0.9	— 1.4	83.2	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	111	76	0	0	9	0	0	70	85	000	0	0	00	00	97	00	0	153	73	0	0	9	0	0	68	64	+ 3	+ 5	—	—	—	91
	Narayanganj	000	0	0	00	00	//	00	0	113	80	0	0	9	0	0	64	82	000	0	0	31	02	97	00	0	147	79	0	0	9	0	0	68	65	— 1	+ 1	1.3	+ 0.6	82.1	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	107	78	0	0	9	0	0	63	85	000	0	0	27	02	56	05	0	143	73	0	0	9	0	0	65	63	—		1.3	—	65.9	
	Faridpur	000	0	0	02	02	93	00	0	081	78	0	0	9	0	0	67	82	000	0	0	34	02	57	00	0	144	74	0	0	9	0	0	60	62	+ 1	— 1	—		—	71
Khulna	Barisal	000	0	0	00	00	//	02	0	109	75	0	0	9	0	0	64	85	000	0	0	00	00	57	02	0	143	73	0	0	9	0	0	65	61	+ 2	— 3	—	—	—	81
	Khulna	000	0	0	00	00	57	00	0	104	85	0	0	9	0	0	70	91	000	0	0	00	00	57	00	0	139	81	0	0	9	0	0	73	69	+ 8	+ 4	1.4	+ 0.3	74.5	68
	Satkhira	000	0	0	00	00	57	00	0	113	76	0	0	9	0	0	64	80	000	0	0	23	02	57	00	0	151	73	0	0	9	0	0	59	60	— 5	— 3				65
	Jessore	000	0	0	00	00	57	02	0	114	76	0	0	9	0	0	63	82	000	0	0	33	06	55	05	0	146	73	0	0	9	0	0	60	59	—	—	1.1	+ 0.2	72.5	65
Rajshahi	Pabna	000	0	0	00	00	//	02	0	113	73	0	0	9	0	0	73	85	000	0	0	31	12	97	02	0	148	73	0	0	9	0	0	60	62	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	//	00	0	101	76	0	0	9	0	0	67	82	000	0	0	00	00	98	00	0	146	73	0	0	9	0	0	58	60	—	—	0.4	— 0.3	61.6	64
	Rajshahi	000	0	0	60	00	94	02	0	120	73	0	0	9	0	0	64	85	000	0	0	31	02	57	02	0	153	73	0	0	9	0	0	60	60	+ 4	—	—		—	
	Bogra	000	0	2	00	00	//	01	0	108	76	2	8	5	0	0	67	85	000	0	0	31	02	56	02	0	149	73	0	0	9	0	0	60	59	+ 3	— 3	1.3	+ 0.5	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	113	73	0	0	9	0	0	60	85	000	0	0	36	02	56	00	0	151	73	0	0	9	0	0	60	60	+ 3	0	0.8	+ 0.5	95.5	72
	Rangpur	000	0	0	00	00	56	01	0	087	70	0	0	9	0	0	64	78	000	0	0	00	00	56	01	0	140	73	0	0	9	0	0	65	62	— 4	+ 2	1.5	+ 1.1	87.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	56	01	0	141	76	2	0	3	0	0	47	60	000	0	0	31	02	56	02	0	172	60	0	0	9	0	0	49	56	— 3	+ 10	0.0	0.0	18.0	19
	Sialkot	...	..	...	...	...	...	..	..	..	...	..	...	...	...	—	—	...	000	0	0	00	00	99	00	0	206	60	0	0	9	0	0	52	40		— 9	0.0	— 0.1	11.5	32
Rawalpindi	Jhelum	000	0	0	31	02	56	01	0	133	//	0	0	9	0	0	41	82	000	0	0	29	02	57	03	0	185	58	0	0	9	0	0	43	51	—	—	0.0	—	31.2	—
	Islamabad																																								
	Rawalpindi	000	0	1	27	02	59	00	0	143	87	0	0	9	4	0	58	53	000	0	0	00	00	97	00	0	190	47	0	0	9	0	0	45	45	— 4	+ 2	0.1	0.0	33.6	38
	Campbellpur																																								
Sargodha	Khushab	000	0	0	00	//	98	00	0	145	77	0	0	9	0	0	72	8'	000	0	0	31	14	97	06	0	155	58	0	0	9	0	0	54	54	0	+ 5	0.0	0.0	7.8	13
	Sargodha	000	0	0	00	00	97	02	0	145	73	0	0	9	0	0	56	82	000	0	0	00	00	56	04	0	182	51	0	0	9	0	0	51	//	—	—	0.0	—	20.6	—
	Lyallpur	000	0	4	29	02	96	00	0	146	78	4	0	9	4	0	54	80	000	0	0	00	00	55	00	0	173	56	0	0	9	0	0	49	51	— 1	+ 3	0.0	0.0	7.7	12
Multan	Sahiwal																																								10
	Multan	000	0	0	00	00	96	04	0	135	78	0	0	9	0	0	50	85	000	0	0	00	00	56	04	0	183	58	0	0	9	0	0	49	56	+ 3	+ 6	0.0	0.0	4.3	7
	Leiah	000	0	8	36	00	92	02	2	111	90	0	8	7	0	0	43	//	..	..	..	..	...	..	...	..	...	...	..	..	..	...	..	..	...						8
Bahawalpur	Khanpur	..	..	..	...	...	..	...	..	...	..	..	..	..	..	..	...		000	0	0	36	05	56	02	0	173	60	0	0	9	0	0	49	54	—	+ 3	0.0	0.0	1.4	6
	Bahawalpur	000	0	2	00	00	56	00	0	135	8'	0	0	9	0	0	58	90	..		...	...	...	...	...	..	...	..	..	..	..	..	..	..	...	+ 5					6
	Fort Abbas	000	0	0	00	00	58	00	0	083	85	0	0	9	0	0	70	85	000	0	0	05	02	98	00	0	141	68	0	0	9	0	0	36	64	—	—	0.0	—	0.9	8
Peshawar	Chakdra	000	0	1	27	05	58	01	0	125	70	0	0	9	0	0	49	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—					—
	Peshawar	000	0	1	00	00	57	02	0	158	67	1	9	6	0	0	51	73	000	0	0	00	00	57	02	0	194	51	0	0	9	0	0	43	50	— 3	+ 2	0.5	+ 0.5	14.2	11
	Haripur	000	0	0	23	03	58	00	0	109	69	0	0	9	0	0	58	77	000	0	0	05	05	97	00	0	165	54	0	0	9	0	0	43	47	—	—	0.9	—	23.9	—
D. I. Khan	Bannu	023	9	5	27	02	96	09	2	///	//	0	6	7	2	0	56	72	000	0	0	09	06	59	00	1	165	56	0	0	9	0	0	45	56	—	—	0.3	—	4.7	11
	D. I. Khan	000	0	0	00	00	97	02	0	114	78	0	0	9	0	0	56	87	000	0	0	31	03	96	02	0	183	51	0	0	9	0	0	47	51	+ 1	+ 4	0.0	— 0.1	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	140	87	0	0	9	0	0	86	85	000	0	0	36	03	97	02	0	183	56	0	0	9	0	0	48	54	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	31	03	56	02	0	133	70	0	0	9	0	0	40	73	000	0	0	00	00	56	02	0	221	46	0	0	9	0	0	32	43	—	—	0.0		0.3	2
Kalat	Turbat	000	0	0	23	02	56	00	0	///	87	0	0	9	0	0	38	87	000	0	0	09	02	56	00	0	///	68	0	0	9	0	0	28	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	0	23	07	56	01	0	124	7	0	0	9	0	0	61	83	000	0	0	36	03	56	02	0	152	70	0	0	9	0	0	61	68	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	12	97	02	0	133	86	0	0	0	0	0	63	86	000	0	0	25	06	57	02	0	156	62	0	0	0	0	0	54	//	+ 1	/	0.0	— 0.1	0.0	6
Karachi division	Ormara	000	0	1	27	09	56	02	0	125	79	1	0	9	0	0	70	82	000	0	0	00	00	96	02	0	156	65	0	0	9	0	0	62	//	—	—	0.0	0.0	0.6	6
	Lasbela	000	0	2	09	02	58	00	0	102	9?	0	0	8	0	0	56	93	000	0	3	00	00	59	00	0	150	64	0	0	8	0	0	46	50	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	27	05	57	02	0	113	81	0	0	9	0	0	65	85	000	0	0	36	05	96	02	0	147	74	0	0	9	0	0	55	70	+ 1	+ 4	0.0	— 0.1	1.1	8
	Karachi (Ariport)	000	0	0	27	03	56	02	0	111	83	0	0	9	0	0	59	90	000	0	0	10	00	56	02	0	144	67	0	0	9	0	0	54	61	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	130	89	0	0	9	0	0	35	9?	000	0	0	05	02	97	02	0	173	72	0	0	0	0	0	52	72	—	—	0.0	—	0.1	—
	Chhor	000	0	0	00	00	96	02	0	104	8?	0	0	9	0	0	50	95	000	0	0	10	00	56	02	0	141	66	0	0	9	0	0	44	59	—	—	0.0	—	0.3	7
	Hyderabad	000	0	0	34	03	97	02	0	115	65	0	0	9	0	0	54	8	000	0	0	36	05	97	02	0	150	68	0	0	9	0	0	54	66	+ 1	+ 7	0.0	0.0	0.3	9
	Badin	000	0	0	36	01	//	02	0	105	[illegible]	0	0	9	0	0	55	94	000	0	0	36	04	97	02	0	121	64	0	0	9	0	0	51	62	—	—	0.0	— 0.1	0.3	—
Khairpur	Padidan	000	0	1	31	02	96	03	0	117	85	0	0	9	0	1	46	88	000	0	0	36	02	97	02	0	162	61	0	0	9	0	0	52	57	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	80	00	56	02	0	123	85	0	0	9	0	0	63	89	000	0	0	36	03	56	02	0	167	63	0	0	9	0	0	58	59	—	—	0.0	—	1.1	4
	Sukkur	000	6	0	13	02	56	02	0	101	86	0	0	9	0	0	56	92	000	0	0	05	04	55	05	4	164	65	0	0	9	0	0	50	61	—	—	0.0	—	0.1	—
	Kashmore																																								
	Jacobabad	000	0	0	36	02	97	01	0	123	84	0	0	9	0	0	52	86	000	0	0	09	02	97	02	0	152	67	0	0	9	0	0	51	65	+ 1	+ 12	0.1	+ 0.1	7.8	4
Junagadh	Veraval																																								20
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	4	05	03	58	01	1	519	50	0	0	9	5	0	34	56	000	0	0	31	02	98	00	1	534	45	0	0	9	0	0	24	35	0	— 6	0.8	— 0.4	40.9	18
Peshawar	Drosh *	000	0	6	23	10	56	03	1	519	67	4	2	7	6	0	29	70	...																	+ 6					29
	Cherat *	...	..	..	...	...	...	...	..	...	...	..	..	..	..	..	...	...	000	0	0	36	03	58	00	0	533	54	0	0	9	0	0	33	49		0	0.6	+ 0.5	15.0	—
	Kakul *	000	0	0	36	02	58	03	0	496	57	0	0	9	0	0	38	58	000	0	0	36	03	98	01	0	533	51	0	0	9	0	0	33	45	—	—	0.6	—	33.5	—
	Landikotal *	000	0	0	31	05	58	0	0	532	60	4	3	9	0	0	36	67	...	..	..	..	..	..	...	..	..	..	..	..	..	..	..	...	...	—					—
	Prachinar *	000	0	4	00	80	98	0	1	530	51	3	9	6	0	0	28	58	000	0	0	36	05	95	00	0	549	4	0	0	9	0	0	28	38	— 5	— 1	0.6	—	22.2	29
D.I. Khan	Miranshah *	000	0	3	05	05	99	0	0	508	73	0	0	9	0	0	54	78	000	0	0	05	05	99	00	0	522	54	0	0	9	0	0	41	47	—	—	0.0	0.0	2.0	10
	Wana *	000	0	0	00	00	59	00	0	489	63	0	0	9	0	0	47	64	..	..	..	..	...	...	..	..	...	...	...	..	..	..	..	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	73	02	98	02	0	500	67	0	0	5	0	0	63	67	000	0	0	00	09	97	02	0	513	47	0	0	9	0	0	37	41	— 3	+ 2	0.0	0.0	6.5	11
	Hindubagh *	000	0	0	20	05	97	02	0	509	62	0	0	9	0	0	36	63	000	0	0	27	12	97	02	0	544	52	0	0	9	0	0	19	32	—	—	0.3	—	6.3	—
	Loralai *																																								9
	Barkhan *	000	0	0	23	05	97	02	0	449	68	0	0	9	0	0	36	74	000	0	0	31	05	97	02	0	489	53	0	0	0	0	0	//	//	—	—	0.0	—	0.9	14
	Harnai *	000	0	0	80	00	96	02	0	505	69	0	0	0	0	0	25	69	000	0	0	00	00	96	02	0	501	51	0	0	9	0	0	17	//	—	—	0.0	— 0.1	5.7	9
	Samungli (Quetta) *	000	0	0	27	03	98	02	0	450	76	0	0	9	0	0	23	76	000	0	0	00	00	96	02	0	551	36	0	0	9	0	0	13	32	—	—	0.1	+ 0.1	3.2	8
	Chaman *	000	0	0	09	03	97	00	0	508	60	0	0	9	0	0	27	63	000	0	0	09	03	97	00	0	538	42	0	0	9	0	0	29	41	— 4	— 1	0.0	0.0	4.8	—
	Nushki *	000	0	0	39	05	97	02	0	563	67	0	0	9	0	0	35	68	000	0	0	31	03	97	02	0	572	48	0	0	9	0	0	10	47	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	0	05	08	97	02	0	519	70	0	0	9	0	0	32	74	000	0	0	05	03	97	02	0	533	44	0	0	9	0	0	29	41	+ 1	+ 2	0.0	0.0	0.5	7
Kalat	Kalat *	000	0	0	23	03	96	02	0	477	59	0	0	9	0	0	39	62	000	0	0	13	03	97	02	0	521	39	0	0	9	0	0	27	31	0	+ 1	0.0	0.0	2.2	—
	Khuzdar *	000	0	1	00	00	97	01	0	490	70	1	2	0	0	0	31	73	000	0	0	00	00	96	02	0	513	48	0	0	9	0	0	34	48	—	—	0.0	—	3.2	5
	Panjgur *																																								—

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 17th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	d $d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Atlantic Maru	99 2 08	10 6 38	16 1 23	10 1 03	99 8 22	13 0 28	11 4 10		74 6 10		0 / / 20	12 8 00	30 1 00	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 194 18	...	480 150 65	124 505 / /	583 041 50	756 165 57	959 285 29	243 523 / /	412 691 / /	650 777 / /	...	...	...
Dacca ...	00 00	013 238 56	...	450 090 57	128 104 58	572 655 / /	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	011 260 36	...	500 144 25	012 040 16	578 097 / /	746 235 / /	949 281 / /	222 495 / /	...	...	...	...	...
Multan ...	00 00	003 118 34	...	500 130 57	117 015 00	570 179 / /	735 265 / /	...	...	...	...	...	...	...
Peshawar ...														
Quetta ...	00 00	823 044 59	...	/// /// / /	087 059 / /	562 270 15	722 349 / /	919 465 / /	179 615 / /	354 711 / /	...	...	...	...
Sargodha ...	00 00	999 224 56	...	...	503 174 57	186 044 10	582 141 / /	948 351 / /	951 375 / /	221 525 / /	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 170 62	800 134 56	600 038 58	553 000 58	350 225 59	...	...	...	...	113 791 / /	...	...
Dacca ...	00 00	900 146 38	800 110 58	756 120 58	600 020 56	567 000 57	350 235 58	120 775 / /	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	364 256 17	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...	00 00	800 018 / /	747 000 / /	600 165 / /	350 393 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal	340 14	340 16	335 16	345 13	340 05	285 08	..	...	...
Bogra	235 08	310 08	310 08	335 08	345 08	300 17	...	...	...
Chakiala		295 12	305 03	310 06	280 07	280 04	255 17	...	..
Chhor	230 38	060 01	105 03	105 07	250 13	255 18	260 06	250 10	270 09
Chittagong	340 10	340 10	330 12	350 10	105 02	230 09	...	...	..
Cherat	...		...	...				...	...
Cox's Bazar	345 15	350 16	340 12	020 08	030 06	090 07	...	...	...
Dacca	305 04	305 09	320 08	010 06	010 06	355 09			..
Dalbandin	...	..	095 10	135 09	190 14	240 14	240 26	255 28	225 32
D. I. Khan	120 07	130 07	130 06	125 07	185 09	200 11	270 16	250 16	265 25
Drosh	...	...	...	210 03	210 08	170 04	...	...	
Fort Sandeman	—	.	...	020 01	220 02	200 08	240 26	255 38	255 46
Gilgit	...	...		...			...	...	...
Ishurdi	330 11	225 11	330 12	330 28	330 17	305 19	...	...	...
Jacobabad	050 03	080 03	110 04	190 06	205 09	145 03	260 28	145 03	250 46
Jessore	345 11	340 10	335 12	335 23	335 25	320 18	...	...	...
Jhelum	290 11	295 11	355 10	320 10	225 20	280 06	245 34	250 30	...
Jiwani	255 11	245 14	290 11	290 11	270 17	265 16	350 31	270 39	265 48
Karachi	220 07	270 05	030 06	050 09	050 12	255 12	245 28	230 41	205 33
Khanpur	—	...	...	...	...	...	...	...	...
Khuzdar	...	...	..	120 03	120 03	155 05	250 05	215 21	240 24
Lahore	320 07	315 11	320 12	315 12	315 15	305 12	275 12	265 23	260 30
Multan	110 07	100 09	/ / / /	135 07	185 09	255 13	270 31	175 37	265 51
Nawab Shah	045 03	045 04	075 04	120 03	195 06	250 18	255 45	260 56	355 67
Nokkundi	...	...	110 07	140 05	215 07	250 15	315 25	320 34	310 34
Panjgur	..	...	...	...	...			..	
Peshawar	...	075 04	160 04	075 04	150 03	140 04	245 10	189 03	265 29
Parachinar	...	...	...	215 05	025 04	260 27	250 14	255 43	26? 37
Quetta	...	...	..	...	205 12	225 11	230 04	110 04	215 13
Sargodha	...	...	...	...	...	...		...	...
Skardu	...	...	...	...	...	...	...	...	...
Sylhet	295 04	295 04	2/5 03	055 04	080 23	350 10	...	...	...
Veraval	...	...	...	..	...			...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	350 10	350 09	345 09	270 07	300 11	290 17
Bogra	340 08	340 05	030 02	155 07	320 02	290 29
Chakiala	...	315 07	325 10	320 01	335 13	295 07
Chhor	085 19	090 19	095 11	145 07	195 05	255 08
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar		...	...	...	...	...
Dacca	025 04	025 02	325 02	300 04	310 04	280 21
Dalbandin		...	075 12	065 22	010 11	335 12
D. I. Khan	045 03	090 02	065 01	010 03	320 07	260 10
Drosh	...	.	...	...	...	...
Fort Sandeman	...	...	...	065 03	225 06	260 16
Gilgit				...		...
Ishurdi	340 11	340 07	345 08	325 17	325 17	315 18
Jacobabad	095 11	090 08	080 09	090 06	285 01	225 18
Jessore	...	..	...	...		—
Jhelum	305 14	320 21	310 23	320 20	320 18	335 12
Jiwani	270 09	255 10	255 06	090 13	105 02	255 11
Karachi	—			...	..	
Khanpur	025 04	070 05	110 04	200 03	245 09	290 14
Khuzdar	...	...		085 07	085 06	080 10
Lahore	325 10	320 15	320 15	330 19	315 13	310 15
Multan	090 04	055 04	350 04	285 06	160 10	275 17
Nawab Shah	350 20	355 13	015 10	060 06	180 10	175 23
Nokkundi	...	...	170 03	210 05	220 07	210 07
Panjgur	...	.	..	.	...	..
Peshawar	...	.	...			
Parachinar	...	...	...	235 07	015 02	...
Quetta	...		...			
Sargodha	305 14	320 21	310 23	320 20	320 18	335 15
Skardu						...
Sylhet	090 07	105 06	075 04	050 08	125 04	225 10
Veraval	..	..		..	.	

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	300 08	310 06	320 07	185 08	285 06	260 18	285 19	270 20	...		...
Bogra	340 02	015 03	015 02	152 02	110 03	300 13	31? 32	205 43	280 40	285 48	265 46
Chakiala		270 04	320 12	310 09	315 12	215 07	280 13	265 15	...		...
Chhor	080 17	08? 12	105 10	075 07	170 07	225 15	310 24	295 03	270 07	275 10	..
Chittagong	310 04	315 07	250 06	205 12	200 20	230 16	255 25	265 28	265 53	265 43	250 42
Cherat	...	...	..		...	..	...	...	...		...
Cox's Bazar	340 07	310 01	290 25	255 06	240 22	225 16	275 25	275 26	285 27	290 26	...
Dacca	335 02	010 02	090 02	165 06	350 13	...			...	...	...
Dalbandin	...	...	080 07	095 19	170 09	210 19	245 20	245 27	265 35	265 39	260 42
D. I. Khan	275 01	290 03	305 04	270 05	/ / / /	260 10	/// / /	250 15	/// / /	255 29	265 47
Drosh	...	..	...	050 02	030 04	280 07	195 10	/// / /	220 10	245 49	250 69
Fort Sandeman	...	...	.	260 01	295 02	020 12	235 12	240 24	250 26	255 36	255 49
Gilgit	..	...	...	090 01	150 01	280 07	220 05	245 15	...	...	.
Ishurdi	320 02	330 05	340 07	335 15	300 15	020 03	295 41	285 40	295 37	...	
Jacobabad	095 13	125 16	120 13	110 09	100 07	320 15	220 10	205 10	255 19	225 38	260 81
Jessore	330 09	315 10	315 13	300 15	315 17	140 09	/// / /	285 31	280 29	...	
Jhelum	305 05	315 15	315 28	315 20	205 20	300 18	265 10	260 32	255 35	245 40	265 31
Jiwani	3?5 09	260 05	270 01	230 03	250 08	310 15	255 35	260 45	265 52	255 67	...
Karachi	060 08	060 05	075 10	065 08	080 04	260 15	250 31	265 35	260 41		...
Khanpur	035 15	055 16	090 20	125 29	095 19	210 18	090 09	305 06	330 08	270 08	215 23
Khuzdar			...	120 07	130 08	073 18	240 15	245 12	245 39	255 51	260 55
Lahore	340 03	325 12	320 22	310 29	315 27	160 09	265 12	280 22	280 29	275 41	265 63
Multan	345 03	170 04	150 05	150 04	205 05	315 17	290 21	290 17	278 75	265 33	265 59
Nawab Shah	115 10	085 09	070 09	080 09	130 06	295 12	250 36	260 51	260 59	...	...
Nokkundi	...		090 08	125 02	170 03	230 03	290 09	325 15	325 13	015 17	...
Panjgur	...			155 11	165 17	190 10	240 17	245 29	250 27	250 35	...
Peshawar	...	135 01	330 03	260 03	225 04	130 05	255 25	255 42	280 52	255 58	255 77
Parachinar	..	...	—	065 03	255 05	245 27	265 22	...	255 35	263 27	260 71
Quetta	...	...		...	170 04	205 10	235 25	250 35	255 47		...
Sargodha	305 02	300 09	300 12	305 15	295 17	315 10	275 20	250 27	265 28	265 46	...
Skardu				185 01	245 02	200 06	...		...		...
Sylhet	160 01	140 04	130 04	080 08	290 04	075 03	250 13	205 21	210 37	...	...
Veraval	...	...	...	...	...	.	.	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	345 10	035 13	055 10	055 09	100 10	235 17	245 23	245 37	245 43	25? 57	250 82	265 96	—	...	...	...	...	..
Multan ...	150 01	340 02	320 02	320 04	320 06	290 09	300 14	290 22	280 27	270 38	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta .																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

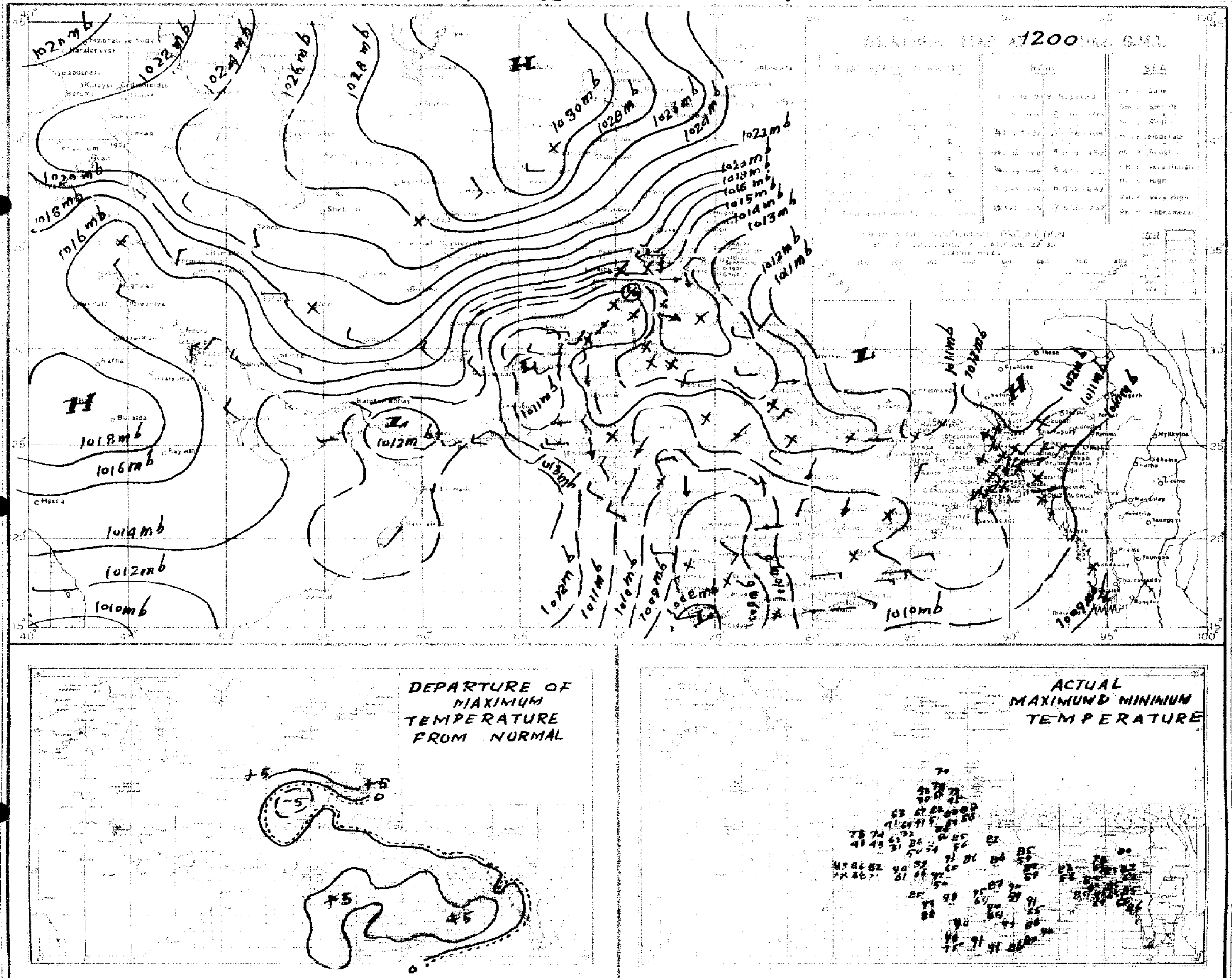
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

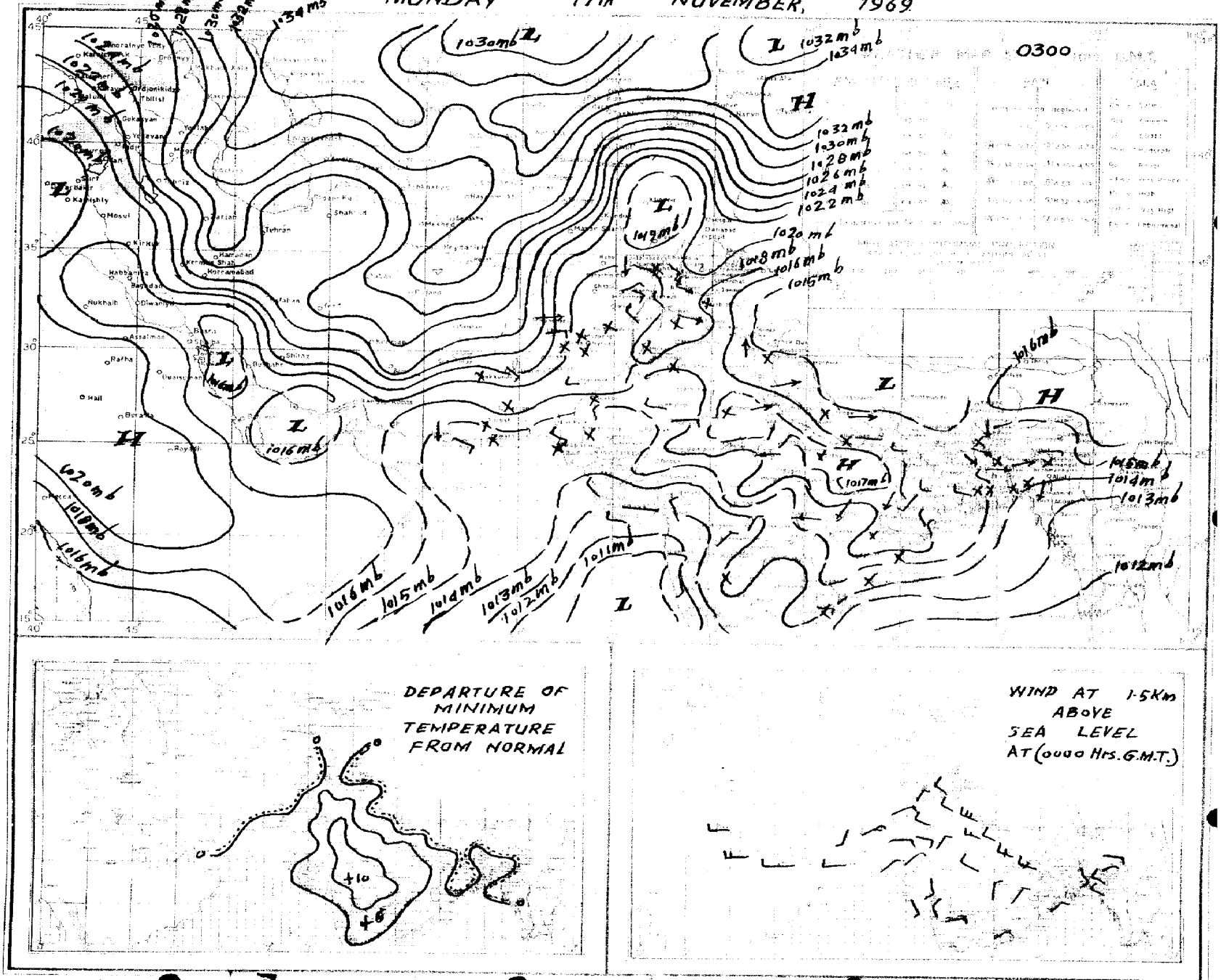
SUNDAY 16th NOVEMBER, 1969.



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

MONDAY 17th NOVEMBER, 1969



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 18th NOVEMBER 1969.

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

Observations lacking but believe a low pressure area over southwest Bay of Bengal rapidly concentrated into a depression and is centred at 18,0300 G.M.T. within a degree of latitude 10 °N longitude 83 °E. It is likely to intensify and move westnorthwestwards. The western disturbance north of Peshawar division moved away eastwards. Another western disturbance is moving across north of Afghanistan with its associated trough extending to Quetta division.

Weather remained dry over the country.

Night temperatures were 7—9 °F (4—5 °C) above normal in Kalat, Hyderabad and Khairpur divisions, 3—6 °F (2—3 °C) so in Sargodha, Peshawar and Quetta divisions and were 3—7 °F (2—4 °C) below normal in Khulna division.

Forecast valid until the evening of 19th November 1969 :—Rain/thundershowers will be scattered in Quetta, D. I. Khan and Peshawar divisions and in Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 18th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	27	03	96	00	0	113	77	0	0	9	0	0	73	85
	Cox's Bazar	000	0	0	36	06	//	08	0	109	77	0	0	9	0	0	67	85
	Chittagong	000	0	1	00	00	//	02	0	111	76	1	1	5	0	0	64	82
	Maijdee Court	000	0	0	00	00	//	00	0	107	78	0	0	9	0	0	60	85
	Comilla	000	0	0	00	00	96	02	0	110	77	0	0	9	0	0	77	80
	Brahmanbaria	000	0	0	00	00	//	00	0	///	//	0	0	9	0	0	73	86
	Sylhet	000	0	0	00	00	//	02	0	105	73	0	0	9	0	0	67	82
	Srimangal	000	6	0	00	00	//	00	0	108	70	0	0	9	0	0	67	85
Dacca	Mymensingh	000	0	0	00	00	//	00	0	115	77	0	0	9	0	0	68	85
	Narayanganj	000	0	0	31	02	//	00	0	107	73	0	0	9	0	0	60	82
	Dacca (Tezgaon)	000	0	0	00	00	97	01	0	107	77	0	0	9	0	0	60	85
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	0	00	00	97	00	0	111	78	0	0	9	0	0	78	93
	Khulna	000	0	0	00	00	57	00	0	111	78	0	0	9	0	0	78	93
	Satkhira	000	0	0	00	00	55	00	0	117	72	0	0	9	0	0	60	85
	Jessore	000	0	0	00	00	97	02	0	115	72	0	0	9	0	0	60	82
Rajshahi	Pabna	000	0	0	00	00	//	02	0	110	72	0	0	9	0	0	60	85
	Sirajganj	000	0	0	00	00	//	00	0	119	77	0	0	9	0	0	63	85
	Rajshahi	000	0	0	00	00	94	02	0	118	72	0	0	9	0	0	59	82
	Bogra	000	0	0	00	00	//	02	0	112	73	0	0	9	0	0	63	82
	Dinajpur	000	0	/	//	//	//	//	/	119	65	0	0	9	0	0	64	84
	Rangpur	000	0	1	00	00	96	01	0	051	72	1	2	6	0	0	64	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	137	76	0	0	9	0	0	49	80
	Sialkot	000	0	0	00	00	92	00	0	103	76	0	0	9	0	0	67	80
Rawalpindi	Jhelum	000	0	0	31	05	97	02	0	133	80	0	0	9	0	0	35	85
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	0	142	70	0	0	9	0	0	49	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	124	78	0	0	9	0	0	76	87
	Sargodha	000	0	0	27	05	97	02	0	134	76	0	0	9	0	0	54	82
	Lyallpur	000	0	0	29	02	56	00	0	133	76	0	0	9	0	0	51	82
Multan	Sahiwal	000	0	0	00	00	96	02	0	143	78	0	0	9	0	0	45	82
	Multan	000	0	8	36	00	94	02	2	113	87	0	8	7	0	0	//	58
	Leiah																	
Bahawalpur	Khanpur	000	0	0	36	05	97	02	0	147	82	0	0	9	0	0	41	87
	Bahawalpur	000	0	0	00	00	96	00	0	126	80	0	0	9	0	0	51	87
	Fort Abbas	///	0	0	00	00	98	00	0	188	80	9	0	9	0	0	73	85
Peshawar	Chakdra	000	0	0	05	07	98	02	0	134	65	0	0	9	0	0	45	69
	Peshawar	000	0	2	00	00	97	02	0	142	70	0	0	9	0	1	56	77
	Haripur	000	0	0	31	03	58	00	0	124	72	0	0	9	0	0	54	76
D. I. Khan	Bannu	000	0	0	13	00	99	00	0	151	73	0	0	9	0	0	45	78
	D. I. Khan	000	0	0	00	00	97	02	0	141	76	0	0	9	0	0	56	82
Quetta	Sibi	000	0	0	18	03	97	00	0	141	85	0	0	9	0	0	62	87
	Nokkundi	000	0	1	13	05	96	03	0	133	69	1	5	6	0	0	//	70
Kalat	Turbat	000	0	0	18	02	96	00	0	981	87	0	0	9	0	0	//	87
	Jiwani	000	0	0	23	07	96	02	0	127	80	0	0	9	0	0	57	85
	Pasni	000	0	0	11	12	97	02	0	132	85	0	0	0	0	0	59	85
Karachi division	Ormara	000	0	0	00	00	56	02	0	131	80	0	0	9	0	0	70	85
	Lasbela	///	0	3	05	01	98	00	0	112	91	0	0	8	0	0	46	93
	Karachi (Manora)	000	0	0	27	03	57	02	0	114	81	0	0	9	0	0	65	53
	Karachi (Airport)	000	0	0	00	00	96	02	0	148	88	0	0	9	0	0	49	91
Hyderabad	Nagarparker	000	0	0	05	02	91	02	0	130	89	0	0	0	0	0	//	97
	Chhor	000	0	0	00	00	96	//	/	108	90	0	0	9	0	0	42	94
	Hyderabad	000	0	0	31	//	97	02	0	118	84	0	0	9	0	0	57	87
	Badin	008	0	0	00	00	97	02	0	104	95	0	0	9	0	0	58	96
Khairpur	Padidan	000	0	0	36	05	96	02	0	122	84	0	0	9	0	0	48	86
	Nawabshah	000	0	0	31	09	96	02	0	122	85	0	0	9	0	0	61	88
	Sukkur	000	0	0	31	02	96	02	0	125	82	0	0	9	0	0	64	86
	Kashmore																	
	Jacobabad	000	0	0	85	02	97	02	0	130	84	0	0	9	0	0	43	85
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	516	50	0	0	9	0	0	38	56
Peshawar	Drosh *	000	0	0	31	05	97	01	0	524	56	0	0	9	0	0	32	64
	Chitral *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	000	0	0	23	92	98	02	0	524	07	0	0	9	0	0	45	70
	Landikotal *	000	0	4	36	02	98	02	0	632	60	4	3	9	0	0	40	64
	Parachinar *	000	0	2	13	03	98	01	1	524	56	1	1	6	4	1	//	60
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	526	72	0	0	9	0	0	34	72
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...
Quetta	Fort Sandeman *	000	0	0	23	03	98	02	0	506	66	0	0	9	(	0	//	47
	Hindubagh *	000	0	0	23	05	96	02	0	458	59	0	0	9	(	(	//	60
	Loralai *	000	0	0	27	02	98	00	0	360	55	0	0	9	0	0	35	58
	Barkhan *																	
	Harnai *	000	0	0	80	00	96	02	0	50	68	0	0	9	0	0	35	67
	Samungli (Quetta) *	000	0	/	//	//	96	02	0	513	60	0	0	9	0	0	//	64
	Chaman *	000	9	0	00	00	97	00	0	517	66	0	0	9	0	0	//	67
	Nushki *	000	0	0	00	00	97	02	0	556	68	0	0	9	0	0	/	69
	Dalbandin *	000	0	0	00	00	97	02	0	517	68	0	0	9	0	0	38	69
Kalat	Kalat *	000	0	3	23	07	96	02	1	488	58	0	4	9	0	0	//	62
	Khuzdar *	000	0	5	13	03	97	03	0	504	67	5	5	6	0	0	//	71
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	0	1	27	01	57	01	1	146	74	1	2	7	0	0	67	68
	Cox's Bazar	000	0	0	36	06	//	01	0	142	77	0	0	6	0	0	67	68
	Chittagong	000	0	1	00	00	56	02	0	146	74	1	1	5	0	0	67	65
	Maijdee Court	..	..	..	...	...	...	...	..	...	..	...	..	.	..	..	..	...
	Comilla	...	..	..	...	..	...	...	..	...	...	..	..	.	..	..	..	...
	Brahmanbaria	..	..	..	..	..	...	...	..	...	..	..	..	.	..	..	..	..
	Sylhet	000	0	0	05	05	97	02	0	145	73	0	0	9	0	0	48	60
	Srimangal	000	0	0	00	00	56	00	0	148	73	0	0	9	0	0	41	56
Dacca	Mymensingh	000	0	0	00	00	97	00	0	159	73	0	0	9	0	0	68	64
	Narayanganj	000	0	0	00	00	97	00	0	143	79	0	0	9	0	0	//	64
	Dacca (Tezgaon)	...	..	..	...	...	...	..	..	...	...	..	...		..	..	...	..
	Faridpur	000	0	0	24	02	97	02	0	155	73	0	0	4	0	0	60	63
Khulna	Barisal	000	0	0	00	00	97	02	0	145	69	0	0	9	0	0	63	59
	Khulna	000	0	0	00	00	97	00	0	159	79	0	0	9	0	0	62	62
	Satkhira	000	0	9	00	00	97	00	0	149	75	0	0	0	0	0	56	56
	Jessore	...	..	..	...	...	..	...	...	...	...	...	..	..		..	..	..
Rajshahi	Pabna	000	0	0	30	02	57	02	0	148	75	0	0	9	0	0	59	60
	Sirajganj	000	0	0	00	00	58	00	0	147	73	0	0	9	0	0	60	62
	Rajshahi	000	0	0	31	02	97	02	0	152	70	0	0	9	0	0	69	59
	Bogra	000	0	0	00	00	56	02	0	150	79	0	0	9	0	0	60	60
	Dinajpur	000	0	0	00	00	96	00	0	150	73	0	0	9	0	0	62	60
	Rangpur	000	0	0	00	00	96	01	0	145	72	0	0	9	0	0	67	63
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	156	58	0	0	9	0	0	49	51
	Sialkot	000	0	0	00	00	99	00	0	///	56	0	0	9	0	0	51	40
Rawalpindi	Jhelum	000	0	0	36	02	56	02	0	156	56	0	0	9	0	0	41	49
	Islamabad																	
	Rawalpindi	000	0	0	00	00	98	00	0	168	45	0	0	9	0	0	43	43
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	135	58	0	0	9	0	0	52	54
	Sargodha	000	0	0	18	02	96	02	0	157	51	0	0	9	0	0	49	47
	Lyallpur	000	0	0	00	00	95	00	0	155	54	0	0	9	0	0	47	51
Multan	Sahiwal	000	0	0	18	05	97	02	0	155	62	0	0	9	0	0	45	51
	Multan	000	0	8	36	01	56	02	2	149	62	/	2	7	6	0	60	58
	Leiah																	
Bahawalpur	Khanpur	000	0	2	00	00	96	03	0	152	60	2	0	9	3	9	47	50
	Bahawalpur	000	0	0	00	00	95	00	0	158	62	0	0	9	0	0	51	51
	Fort Abbas	///	/	0	13	02	98	00	0	138	58	0	0	9	0	0	54	51
Peshawar	Chakdra	000	0	0	00	00	58	02	0	175	47	0	0	9	0	0	38	41
	Peshawar	000	0	0	18	02	57	02	0	156	47	0	0	9	0	0	40	45
	Haripur	000	0	0	05	03	97	00	0	173	54	0	0	9	0	0	41	47
D. I. Khan	Bannu	000	0	0	29	02	99	00	0	169	54	0	0	9	0	0	43	50
	D. I. Khan	000	0	0	00	00	96	02	0	157	54	0	0	9	0	0	//	51
Quetta	Sibi	000	0	0	36	03	97	03	1	168	56	6	2	9	0	0	56	54
	Nokkundi	008	0	0	27	02	96	02	0	///	45	8	0	9	0	0	29	42
Kalat	Turbat	000	0	0	09	02	96	00	0	010	66	0	0	9	0	0	64	//
	Jiwani	000	0	1	31	05	56	03	0	155	68	1	1	6	0	2	59	64
	Pasni	000	0	0	29	06	97	02	0	154	64	0	0	0	0	0	61	//
Karachi division	Ormara	000	0	0	00	00	96	02	0	152	68	0	0	9	0	0	66	//
	Lasbela	///	0	0	00	00	59	00	0	151	61	0	0	8	0	0	47	50
	Karachi (Manora)	..	..	..	..	..	..	..	..	...	...	..	..	...	...	..	..	...
	Karachi (Airport)	000	0	0	31	02	56	02	0	143	67	0	0	9	0	0	45	64
Hyderabad	Nagarparker	000	0	0	05	02	95	02	0	171	74	0	0	9	0	0	48	74
	Chhor	000	0	0	05	05	56	02	0	132	68	0	0	9	0	0	37	60
	Hyderabad	000	0	0	36	05	97	02	0	141	69	0	0	9	0	0	49	67
	Badin	000	0	0	31	03	97	02	0	124	57	0	0	9	0	0	49	55
Khairpur	Padidan	000	0	0	36	03	56	02	0	150	62	0	0	9	0	0	51	56
	Nawabshah	000	0	0	31	05	56	02	0	154	62	/	/	/	/	/	53	59
	Sukkur	000	0	0	13	03	96	02	0	158	64	0	0	9	0	0	49	59
	Kashmore																	
	Jacobabad	000	0	4	09	03	96	03	0	153	67	0	0	9	0	0	44	62
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	522	47	0	0	9	0	0	40	41
Peshawar	Drosh *	000	0	0	00	00	97	02	6	542	43	0	0	9	0	0	22	41
	Chitral *	000	0	0	00	00	98	00	0	5 9	54	0	0	9	0	0	//	54
	Kakul *	000	0	0	09	02	98	02	0	508	54	0	0	9	0	0	32	47
	Landikotal *	000	0	0	36	02	98	02	0	///	49	0	0	9	0	0	35	38
	Parachinar *	000	0	5	00	00	58	03	0	524	45	3	5	6	3	0	35	38
D. I. Khan	Miranshah *	000	0	0	05	05	59	00	0	485	50	0	0	9	0	0	//	45
	Wana *	000	0	0	00	00	59	00	0	500	45	0	0	9	0	0	34	40
Quetta	Fort Sandeman *	000	0	6	00	00	97	03	0	513	48	0	0	9	6	0	28	48
	Hindubagh *	000	0	8	00	90	94	03	0	547	44	8	4	5	0	0	16	41
	Loralai *	000	0	0	18	02	98	00	0	310	50	0	0	9	0	0	35	44
	Barkhan *																	
	Harnai *	000	0	0	00	00	//	02	0	510	54	0	0	0	0	0	34	//
	Samungli (Quetta) *	000	0	6	00	00	56	03	1	539	48	6	0	9	3	0	30	41
	Chaman *	000	0	0	09	03	97	00	0	538	42	0	0	9	0	0	//	41
	Nushki *	000	0	0	00	00	97	02	0	572	49	0	0	9	0	0	//	44
	Dalbandin *	000	0	0	05	02	97	02	0	520	44	0	0	9	0	0	22	37
Kalat	Kalat *	000	0	5	16	02	95	02	1	502	44	0	4	9	0	0	33	28
	Khuzdar *	000	0	3	27	02	96	02	0	514	54	3	0	6	0	0	37	50
	Panjgur *	000	0	0	05	02	96	02	0	511	52	0	5	9	0	0	41	46

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+ 1	—		—	—	40
	Chittagong	— 1	—	1.2	— 0.3	105.7	08
	Maijdee Court	— 2					15
	Comilla	— 3					94
	Brahmanbaria	—					78
	Sylhet	—	—	1.5	—	194.7	—
	Srimangal	— 1	— 3	0.9	— 1.4	83.2	98
Dacca	Mymensingh	+ 3	0	—	—	—	91
	Narayanganj	— 1	— 1	1.3	+ 0.5	82.1	74
	Dacca (Tezgaon)	—					—
	Faridpur		0	1.3	+ 0.4	58.2	71
Khulna	Barisal	+ 10	— 6	—	—	—	81
	Khulna	+ 10	— 3	1.4	+ 0.3	74.5	68
	Satkhira	0	— 7	—	—	—	65
	Jessore	—					65
Rajshahi	Pabna	—	—	1.0	—	66.3	59
	Sirajganj	—	—	0.4	— 0.4	61.7	64
	Rajshahi	+ 1	—	—	—	—	—
	Bogra	0	— 2	1.3	+ 0.5	59.6	69
	Dinajpur	—	0	0.8	+ 0.5	95.5	73
	Rangpur	—	+ 3	1.5	+ 1.1	87.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 3	+ 5	0.0	— 0.0	18.0	10
	Sialkot	0	— 9	0.0	— 0.5	11.5	32
Rawalpindi	Jhelum	—	—	0.0	—	31.2	—
	Islamabad						—
	Rawalpindi	— 1	0	0.1	0.0	33.6	36
	Campbellpur						—
Sargodha	Khushab	0	+ 5	0.0	— 0.0	7.8	15
	Sargodha	—	—	0.0	—	20.6	—
	Lyallpur	+ 1	+ 3	0.0	— 0.0	7.7	12
Multan	Sahiwal	0	+ 1	0.0	0.0	4.3	10
	Multan	—	—	0.0	—	2.7	7
	Leiah						8
Bahawalpur	Khanpur	0	— 1	0.0	0.0	1.4	6
	Bahawalpur	+ 2	0	—	—	—	6
	Fort Abbas	—	—	0.0	—	0.8	8
Peshawar	Chakdra	—	—	0.0	—	23.2	—
	Peshawar	+ 1	— 3	0.5	+ 0.5	14.2	11
	Haripur	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	—	—	0.3	—	4.7	11
	D. I. Khan	+ 1	+ 4	0.0	— 0.1	6.0	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—	—	0.0	—	0.3	2
Kalat	Turbat	—	/	0.0	—	0.2	—
	Jiwani	—	—	0.0	—	2.0	3
	Pasni	—	/	0.0	— 0.1	0.0	6
Karachi division	Ormara	—	/	0.0	0.0	0.6	6
	Lasbela	—	—	0.0	—	0.7	8
	Karachi (Manora)	+ 9					8
	Karachi (Airport)	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	—	—	0.0	—	0.1	—
	Chhor	—	—	—	—	0.3	7
	Hyderabad	— 1	+ 8	—	—	—	9
	Badin	—	—	0.0	— 0.2	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	1.1	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	0	+ 9	0.0	— 0.1	2.8	20
Junagadh	Veraval						26
	HILL STATIONS						—
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						
	Dras **						3
	Leh **						6
	Skardu *						—
	Misgar **						—
	Aliabad *						5
	Gilgit *						59
Rawalpindi	Murree *	0	0	0.7	— 0.4	40.8	18
Peshawar	Drosh *	—	— 2	0.3	—	15.6	29
	Chitral *		+ 5	0.6	+ 0.5	15.0	—
	Kakul *	—	—	0.6	—	33.5	—
	Landikotal *	—	—	0.7	—	13.6	29
	Parachinar *	— 3	— 1	0.6	—	22.2	13
D. I. Khan	Miranshah *	—	—	0.0	— 0.0	2.8	11
	Wana *		—	0.0	—	4.3	11
Quetta	Fort Sandeman *	— 3	+ 4	0.0	— 0.0	6.5	—
	Hindubagh *	—	—	0.3	—	////	9
	Loralai *	—	—	0.1	—	0.6	—
	Barkhan *						14
	Harnai *	—	—	0.0	— 0.1	5.6	9
	Samungli (Quetta) *	—	—	—	—	—	8
	Chaman *	—	— 1	0.0	— 0.0	4.8	—
	Nushki *	—	—	0.0	—	2.6	4
	Dalbandin *	— 4	— 2	0.8	0.0	0.5	7
Kalat	Kalat *	0	+ 8	—	—	2.2	—
	Khuzdar *	—	—	0.0	—	3.2	5
	Panjgur *		+ 2	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 18th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8N_sCh_sh_s	0$T_sT_sT_dT_d$	1$T_wT_wT_{wt}$T	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Boromya	99 2 48	17 0 63	29 9 03	99 0 30	15 6 81	21 4 00	33 2 10	...			05 1 17	...		...
Lika/Tyal	99 2 45	10 5 99	17 0 63	12 7 02	// 0 20	14 5 26	10 9 00	23 2 07			05 4 15	12 9 09		...
Lika Tyal	99 2 52	10 5 86	17 0 03	00 0 00	97 0 20	13 0 24	00 9 00	13 4 00			06 9 34	..		22 9 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 182 08	...	450 144 59	112 072 55	581 091 50	749 215 //	...	225 555 //	...	...	...	...	...
Dacca ...	00 00	011 200 47	...	490 136 57	144 110 58	588 045 57	761 153 58	973 323 58	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	009 194 58	...	450 044 1/	040 000 //	56/ 171 //	729 215 //	904 411 //	...	...	...	...	...	...
Multan ...	00 00	999 120 30	...	500 120 61	081 065 09	564 15/ //	728 271 //	920 411 //	...	...	...	...	...	...
Peshawar ...														
Quetta .	00 00	MISDA	...	...	...	...	...		...	...	...	...	...	...
Sargodha ...	00 00	997 195 55	...	503 140 57	148 030 20	578 151 //	743 251 //	947 385 //	206 535 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 125 00	800 132 05	608 000 50	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 172 58	800 166 58	600 048 57	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 08	...	..	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...	00 00	MISDA	...	..	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	330 10	325 10	330 08	350 09	360 12	...	-	-	...
Bogra ...	270 07	275 10	330 03	125 03	275 09	320 32	...	...	...
Chaklala —	..	295 13	310 07	305 02	310 09	010 04	285 12	270 22	...
Chhor .	050 41	060 03	065 02	040 04	045 03	195 04	255 31	255 46	260 42
Chittagong —	325 05	320 04	260 01	175 02	180 02	...	...	...	..
Cherat ...	..	...	...	...	-	-	...	...	...
Cox's Bazar ...	025 11	040 06	100 04	005 04	325 06	215 15	..	...	...
Dacca ...	290 15	290 13	290 09	355 06	080 06	275 14	...	...	..
Dalbandin .	...	...	065 08	165 05	210 17	210 17	240 27	245 33	245 44
D. I. Khan .	293 02	230 02	320 02	325 05	260 05	270 11	250 15	269 22	265 25
Drosh ..	...	...	...	145 06	215 03	210 05	2.0 09	195 07	175 08
Fort Sandeman ...	...	...	...	220 05	245 05	270 06	255 29	235 32	265 48
Gilgit ...	..	...	...	215 02	145 03	130 07	130 10	135 13	175 12
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	040 6/	055 04	065 03	105 07	160 07	220 06	255 19	250 39	250 48
Jessore ...	325 11	325 11	330 10	325 11	315 13	315 15	...		...
Jhelum —	295 09	210 10	315 15	315 15	290 10	125 07	265 25	265 28	255 35
Jiwani ...	120 09	295 04	290 05	265 09	275 11	275 17	265 43	265 51	255 59
Karachi —	065 16	065 19	070 20	075 21	085 13	085 29	105 41	...	..
Khanpur .	030 14	040 16	040 13	050 11	310 05	225 08	225 30	270 19	250 25
Khuzdar ...	...			115 11	140 07	...			
Lahore ...	300 07	295 09	300 13	305 16	325 17	325 12	285 09	285 13	275 21
Multan ...	180 06	200 06	200 07	200 09	230 09	240 12	...	...	
Nawab Shah ..	330 07	040 06	065 07	100 10	005 06	230 14	260 39	260 63	265 54
Nokkundi ..	...		115 08	105 09	215 09	220 15	255 29	275 52	270 45
Panjgur ...		..	...	260 10	230 07	190 10	265 15	270 20	260 24
Peshawar ...	...	200 04	300 08	315 05	270 04	035 05	260 75	250 27	205 47
Parachinar ...	...	...	...	165 03	170 06	245 32	265 24	...	250 36
Quetta ...	...			...	230 06	150 4/	240 24	250 36	215 43
Sargodha ...	285 12	270 12	// //	305 12	305 10	290 17	285 07	255 18	...
Skardu ...	...		..	180 01	// //		250 06	...	...
Sylhet ...	120 02	105 02	055 02	255 02	120 30	005 03	..	...	...
Veraval ...	...	...			...			...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	360 03	045 01	070 0/	270 04	270 06	270 10
Bogra	010 04	110 02	130 03	235 04	285 09	290 25
Chaklala	...	085 02	320 07	320 06	360 03	205 05
Chhor	100 21	160 12	180 07	201 16	210 19	235 30
Chittagong	...	...	...	...	...	...
Cherat	...	...		..	..	...
Cox's Bazar	361 14	360 17	350 11	285 05	265 04	...
Dacca	315 05	315 06	315 06	...	380 15	...
Dalbandin	...	...	345 01	240 08	185 07	215 17
D. I. Khan	065 0/	080 03	105 09	165 06	220 09	165 06
Drosh	...	...	...	125 01	355 04	020 06
Fort Sandeman	...	...	...	195 04	260 05	250 55
Gilgit	...	...	.	...		...
Ishurdi	...	...		...		...
Jacobabad	300 53	020 06	065 18	095 06	140 03	155 15
Jessore	340 08	340 13	335 15	270 12	270 10	275 23
Jhelum	3/5 10	305 17	3:5 18	320 09	320 06	055 03
Jiwani	290 12	295 16	290 15	245 14	260 16	260 20
Karachi	...	...		...	...	
Khanpur	020 10	005 14	360 13	050 14	075 17	115 15
Khuzdar	...	...		350 3/	210 11	245 12
Lahore	315 08	290 17	305 13	355 15	290 14	270 16
Multan	220 10	220 07	235 18	240 13	290 08	300 17
Nawab Shah	045 14	090 24	130 23	060 07	295 05	230 19
Nokkundi	..	...	245 07	245 10	355 10	215 05
Panjgur	...	.	..	030 //	360 15	355 20
Peshawar	...	.	...			
Parachinar	..	...	...	210 03	075 03	
Quetta	...	...	...	.	210 05	235 08
Sargodha	...	...	...	...	...	..
Skardu	...	...				...
Sylhet	095 13	095 08	/// //	075 0	085 0/	265 12
Veraval	.	.		-	.	

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

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	340 01	330 02	333 03	275 12	265 17	270 23	275 25	275 29	280 33	..	...
Bogra	130 01	080 01	105 01	260 06	260 17	275 25	275 43	..	265 29	...	...
Chaklala		210 03	040 03	310 04	290 18	240 07	75 19	210 27	220 24		...
Chhor	170 10	17. 11	165 09	150 09	160 11	215 09	245 34	250 42	260 52	..	...
Chittagong	215 03	180 03	200 05	222 1/	201 8/	230 23	260 31	275 35	295 37	..	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	315 08	330 03	330 03	240 05	240 11	235 13	250 19	265 17	270 23	...	-
Dacca	290 03	290 03	290 02	295 05	275 14	270 10			...	...	...
Dalbandin	...	-	075 09	085 08	295 09	260 04	255 10	245 16	240 12	...	..
D. I. Khan	230 03	180 04	125 04	160 03	130 05	275 19	215 09	205 20	275 20	...	...
Drosh	...	.	...	120 01	025 06	005 04	170 25	190 12	200 53	225 51	...
Fort Sandeman	...	...	.	210 05	225 11	255 15	235 25	245 33	250 36	...	...
Gilgit	..	...	.	235 02	250 0/	116 09	215 41	205 30	...	...	.
Ishurdi	...	...	...	...	...	...	...	...	...	...	.
Jacobabad	090 05	100 07	105 11	105 15	115 15	160 12	240 07	225 07	250 07	...	-
Jessore	300 07	325 07	325 08	295 12	270 16	280 27	280 40	285 33	290 35	...	...
Jhelum	270 04	301 11	315 13	310 12	305 16	310 12	155 12	240 08	205 25	...	...
Jiwani	275 11	285 11	305 11	295 13	275 18	275 21	255 36	255 44	245 43	...	...
Karachi	345 04	355 04	330 05	310 04	355 08	260 14	265 36	260 41	255 41		...
Khanpur	150 17	145 25	140 27	130 19	140 15	210 06	265 23	275 26	285 29	...	...
Khuzdar			...	135 05	235 06	240 08		...	...	...	.
Lahore	315 06	310 11	301 2/	300 15	255 21	295 12	180 11	220 12	220 18	...	...
Multan	180 12	225 16	215 20	230 20	225 1-	260 20	280 28	280 30	280 38	...	...
Nawab Shah	035 06	100 03	110 04	065 07	185 04	235 18	260 45	280 40	295 47	...	...
Nokkundi	...		110 17	12. 13	130 06	085 17	340 19	335 12	265 11	...	...
Panjgur	...		...	015 0/	230 05	235 06	265 13	265 19	265 27	-	...
Peshawar	...	...	..	..	..	..	-	...	...	...	..
Parachinar	...	...	-	...	...	...	...	...	...	..	...
Quetta	...	...	...	...	210 03	230 14	...	...	...	...	...
Sargodha	265 06	255 07	245 07	260 07	290 07	310 07	195 11	220 25	145 23	...	...
Skardu	...	..	...	070 02	/// //	195 17	105 01	225 35	225 25	...	..
Sylhet	...	...	...	...	.	...	...	...	...	...	...
Veraval	...	...	...	...	...		.	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	295 14	350 16	350 15	020 07	225 08	250 15	255 40	255 45	255 48	...	...	...	...	...	...	...	...	..
Multan ...	215 17	310 14	290 10	275 06	245 06	280 21	240 16	270 31	275 34	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

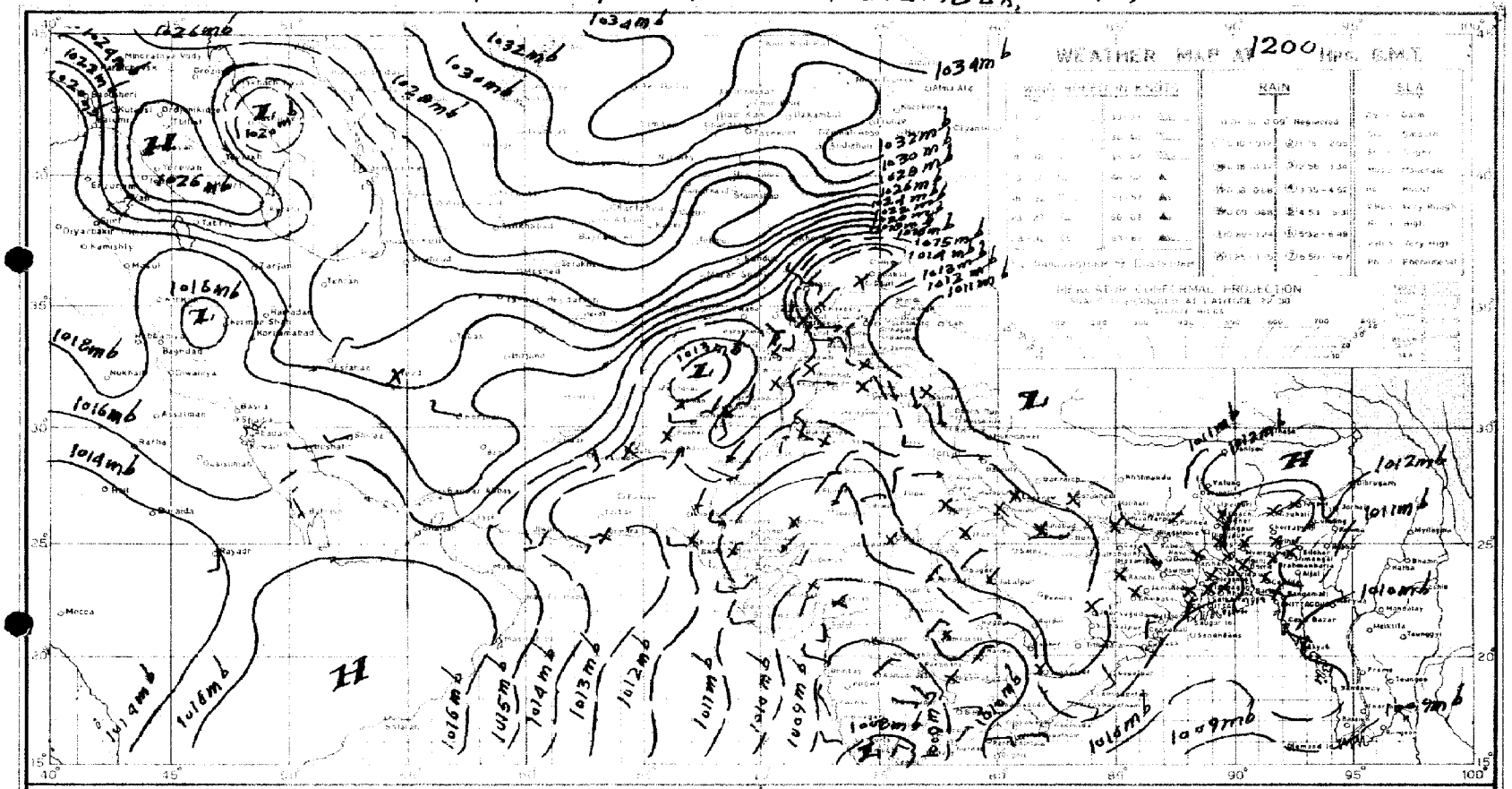
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(Heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

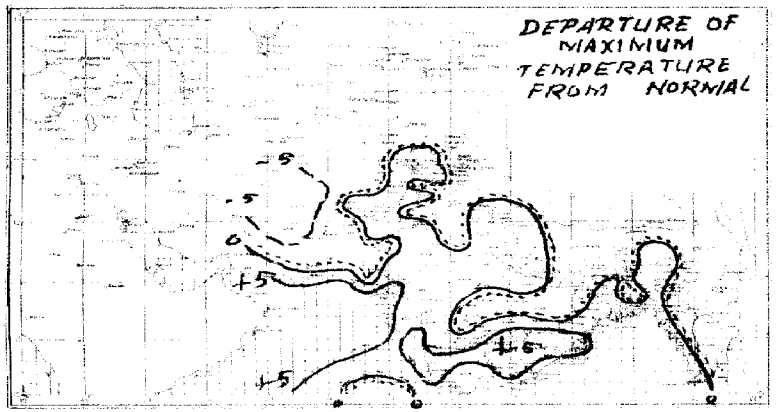
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

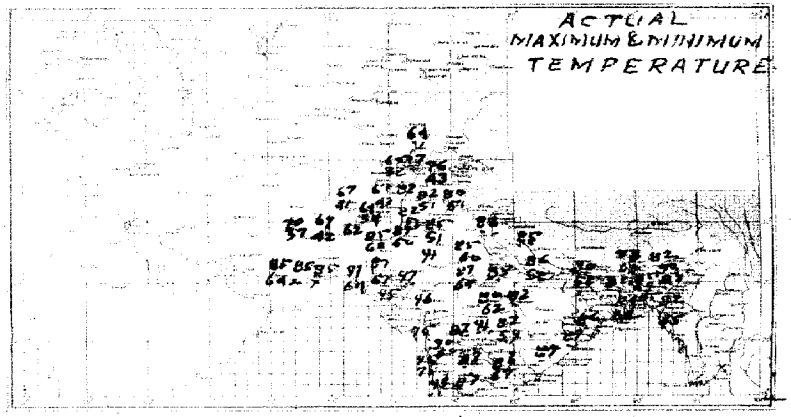
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 17th NOVEMBER 1969

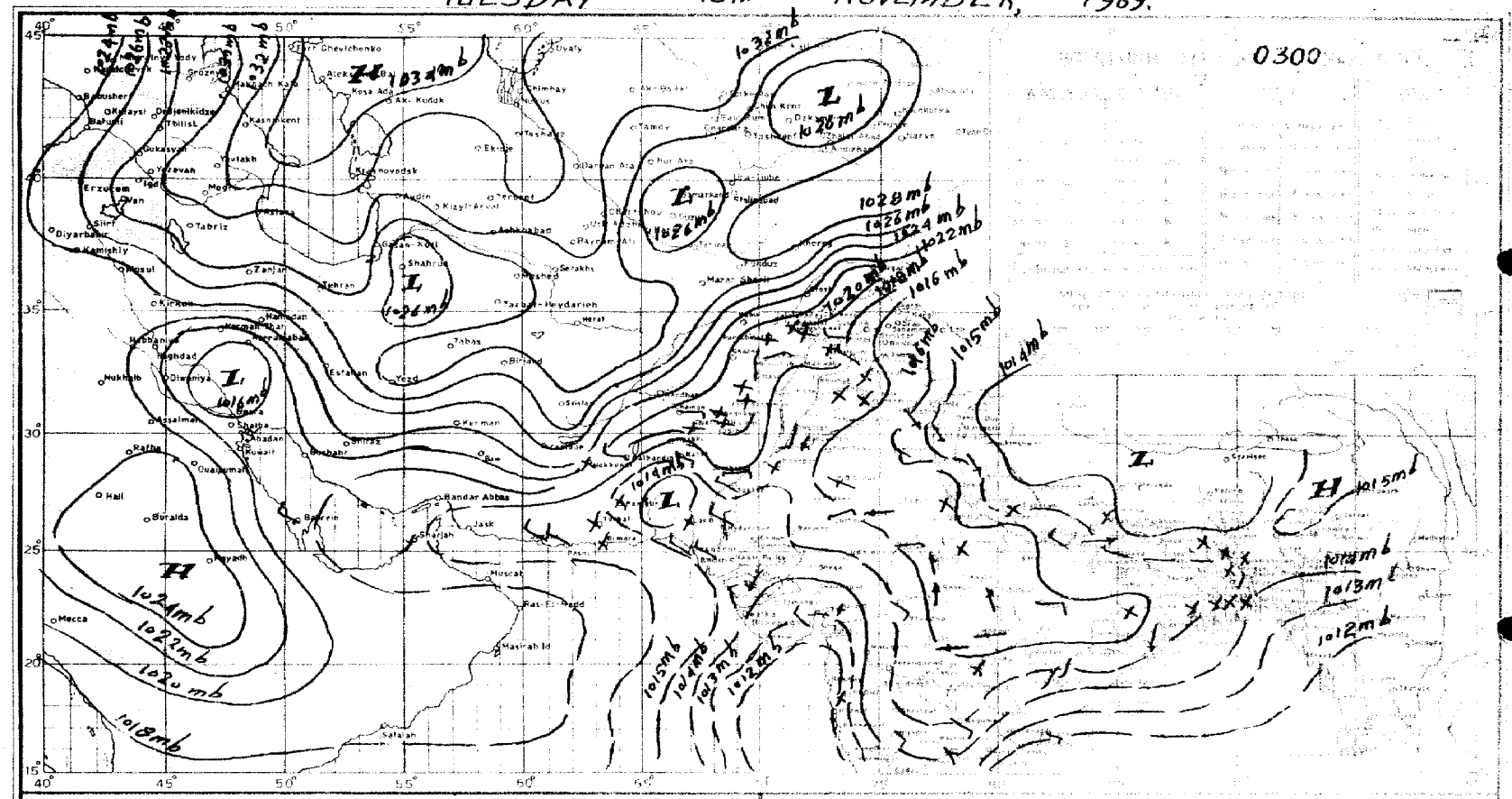


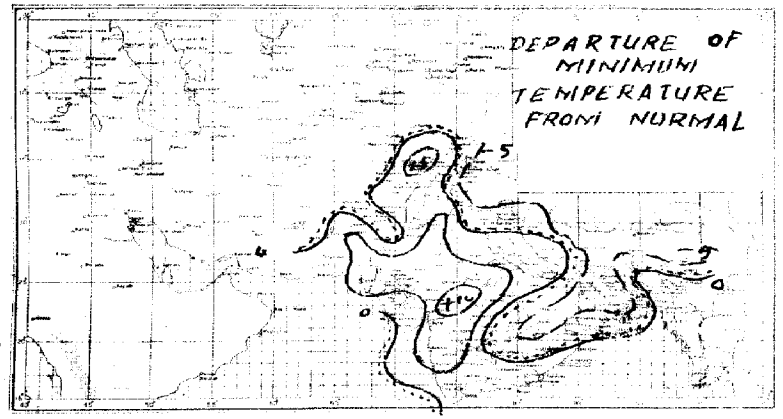


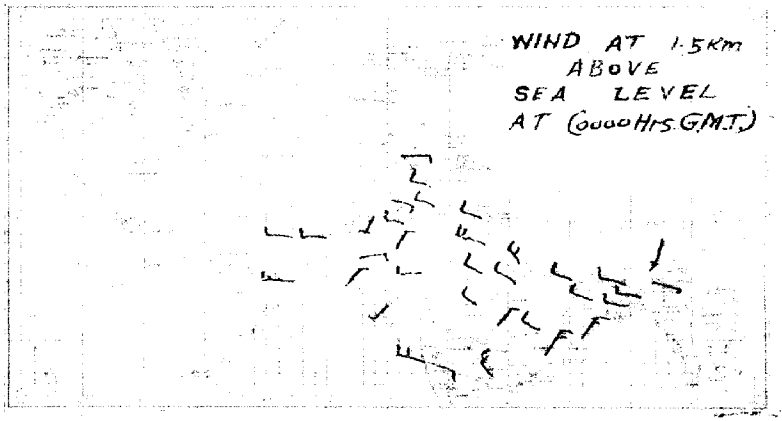


PAKISTAN DAILY WEATHER MAP

TUESDAY 18th NOVEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 19th NOVEMBER 1969.

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

Yesterday's mornings depression moved slightly northwestwards and was centred at 18,1200 G.M.T. within a degree of latitude 10½ °N longitude 82 °E. Observations lacking but believe it moved westwards and is centred at 19,0300 G.M.T. within one degree of latitude 10½ °N longitude 8I °E. It is likely to continue move in the same direction, cross south coromandal coast near latitude 10½ °N and weaken. The western disturbance north of Afghanistan is now moving across east Russain Turkistan with its trough extending to Peshawar division. A low pressure area has developed over western Rajasthan and adjoining west Pakistan. Rain/thundershowers have been scattered in Peshawar division. Kakul recorded ¼" of rain. A few falls of light rain with snowfall over the hills have been reported from Rawalpindi division. Weather remained dry elsewhere over the country.

Night temperatures were 7—10 °F (4—6 °C) above normal in Lahore and Sargodha division and 3—6 °F (2—3 °C) so in Multan, Bahawalpur, D. I. Khan, Karachi and Khairpur divisions and were to the same extent below normal in Dacca, Khulna, Rawalpindi, Peshawar, Quetta and Kalat division.

Forecast valid until the evening of 20th November 1969 : —Rain/thundershowers will be scattered in Peshawar, Rawalpindi and Sargodha divisions and in Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 19th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Clud † (Nh)	Low 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
	Rangamati																	
Chittagong	Cox's Bazar	000	0	2	23	06	//	03	0	119	76	0	0	9	0	2	60	82
	Chittagong	000	0	2	00	00	//	02	0	121	76	1	0	9	3	1	63	82
	Maijdee Court	000	1	0	00	00	//	00	0	111	78	0	0	9	0	0	60	85
	Comilla	000	0	0	00	00	96	02	0	111	80	0	0	9	0	0	73	85
	Brahmanbaria	000	0	0	00	00	//	00	0	121	76	0	0	9	0	0	70	85
	Sylhet	000	0	0	00	00	//	02	0	071	73	0	0	9	0	0	64	82
	Srimangal	000	0	0	00	00	//	00	0	112	70	0	0	9	0	0	67	85
Dacca	Mymensingh	000	0	0	00	00	//	00	0	119	77	0	0	9	0	0	63	82
	Narayanganj	000	0	0	27	02	//	00	0	120	78	0	0	9	0	0	63	85
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	120	77	0	0	9	0	0	58	82
	Faridpur	000	0	0	36	02	93	00	0	111	76	0	0	9	0	0	56	80
Khulna	Barisal	...	..	..	..	..	...	...	..	..	..	..	..	...	..	..	..	...
	Khulna	000	0	0	00	00	97	00	0	116	77	0	0	9	0	0	64	87
	Satkhira	000	0	0	00	00	55	00	0	127	72	0	0	9	0	0	70	85
	Jessore	000	0	0	00	00	96	02	0	125	73	0	0	9	0	0	58	82
Rajshahi	Pabna	000	0	0	00	00	//	02	0	120	72	0	0	9	0	0	60	82
	Sirajganj	000	0	0	00	00	//	00	0	127	76	0	0	9	0	0	64	82
	Rajshahi	000	0	0	00	00	94	02	0	129	72	0	0	9	0	0	60	82
	Bogra	000	0	0	00	00	//	02	0	118	73	0	0	9	0	0	40	82
	Dinajpur	000	0	0	00	00	//	00	0	107	73	0	0	9	0	0	67	85
	Rangpur	000	0	1	00	00	96	01	0	094	72	1	1	6	0	0	64	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	121	76	0	0	9	0	0	49	80
	Sialkot	000	0	0	00	00	97	00	0	123	76	0	0	9	0	0	67	80
Rawalpindi	Jhelum	000	0	8	22	03	96	02	0	117	73	0	0	9	8	0	45	80
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	124	70	0	0	9	0	0	47	77
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	152	82	0	0	9	0	0	64	85
	Sargodha	000	0	0	00	00	97	02	0	116	76	0	0	9	0	0	58	82
	Lyallpur	000	0	0	29	02	96	00	0	106	72	0	0	9	0	0	51	80
Multan	Sahiwal	000	0	2	18	03	96	82	0	113	78	2	0	9	3	0	47	85
	Multan	000	0	0	36	00	92	02	1	120	80	0	0	9	8	0	36	//
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	112	80	0	0	9	0	0	51	87
	Bahawalpur	000	0	0	00	00	96	00	0	115	85	0	0	9	0	0	54	91
	Fort Abbas	///	0	0	13	02	98	00	0	185	85	0	0	9	0	0	75	85
Peshawar	Chakdra	000	0	0	36	02	98	02	0	131	67	0	0	9	0	0	45	67
	Peshawar	000	0	1	00	00	96	04	0	118	67	1	0	9	3	0	47	72
	Haripur																	
D. I. Khan	Bannu	000	0	3	13	02	99	02	0	110	73	0	0	9	2	0	36	76
	D. I. Khan	000	0	1	31	03	97	02	0	114	76	1	0	9	2	0	51	78
Quetta	Sibi	000	0	6	18	03	97	63	0	118	87	4	2	9	4	2	61	89
	Nokkundi	000	0	0	31	07	96	02	0	146	68	0	0	9	0	0	//	72
Kalat	Turbat	000	0	0	31	02	96	00	0	961	86	0	0	9	0	0	//	86
	Jiwani	000	0	0	27	09	96	02	0	124	80	0	0	9	0	0	49	82
	Pasni	000	0	0	25	08	97	02	0	129	84	0	0	0	0	0	57	86
Karachi division	Ormara	000	0	0	27	00	96	02	0	125	80	0	0	9	0	0	74	86
	Lasbela	000	0	0	09	00	98	00	0	108	89	0	0	7	0	0	60	93
	Karachi (Manora)	000	0	0	27	07	97	02	0	110	80	0	0	9	0	0	64	85
	Karachi (Ariport)	000	0	0	27	09	96	02	0	108	84	0	0	9	0	0	48	89
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	130	89	0	0	0	0	0	35	97
	Chhor	000	0	0	00	00	96	02	0	093	86	0	0	9	0	0	53	93
	Hyderabad	000	0	0	34	05	97	02	0	107	83	0	0	9	0	0	53	88
	Badin	000	0	0	30	16	97	02	0	105	89	0	0	9	0	0	51	91
Khairpur	Padidan	000	0	0	31	02	97	02	0	109	83	0	0	9	0	0	47	83
	Nawabshah	000	0	0	31	05	96	02	0	112	85	0	0	9	0	0	54	88
	Sukkur	000	0	0	05	03	96	02	0	113	84	0	0	9	0	0	55	86
	Kashmore																	
	Jacobabad	000	0	0	13	02	97	01	0	107	85	0	0	9	0	0	41	88
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	03	98	00	0	498	50	0	0	9	0	0	30	56
Peshawar	Drosh *	000	0	0	00	00	97	02	0	481	58	0	0	9	0	0	//	68
	Cherat *	000	0	0	36	02	98	00	0	504	60	0	0	9	0	0	38	68
	Kakul *	000	0	0	13	05	98	02	0	498	60	0	0	9	0	0	34	68
	Landikotal *	000	0	4	36	02	98	02	0	634	63	4	3	9	0	0	36	70
	Parachinar *	000	0	6	27	02	98	02	2	498	56	4	5	6	3	0	//	63
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	488	70	0	0	9	0	0	34	70
	Wana *	...	..	..	..	...	...	...	..	...	...	..	...	..	..	..	...	...
Quetta	Fort Sandeman *	000	0	5	23	05	97	01	2	489	66	5	4	7	0	0	25	68
	Hindubagh *	000	0	0	20	03	93	02	0	503	64	1	5	4	0	0	42	65
	Loralai *	000	0	0	27	02	98	01	0	395	80	0	1	0	0	6	40	81
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	471	67	0	0	0	0	0	39	67
	Samungli (Quetta) *	000	0	5	27	07	96	03	1	549	56	5	3	7	0	0	//	60
	Chaman *	000	0	0	27	03	97	00	0	517	66	0	0	9	0	0	37	67
	Nushki *	000	0	0	31	03	97	02	0	570	64	0	0	9	0	0	27	68
	Dalbandin *	000	0	0	05	05	97	02	0	523	66	0	0	7	0	0	34	68
Kalat	Kalat *	000	0	2	27	03	96	01	1	470	54	0	2	9	0	0	30	59
	Khuzdar *	000	0	5	00	00	97	03	0	///	//	5	5	6	0	0	32	73
	Panjgur *	000	0	0	13	10	96	02	0	505	66	0	0	9	0	0	51	67

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

DIVISIONS	STATIONS	Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in konts (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure: Maximum temperature (TxTx)	Departure: Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 to-date	Rainfall: Annual Normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	Rangamati																				0.0		101.1	
Chittagong	Cox's Bazar	000	0	2	03	08	96	05	0	156	77	0	0	9	0	8	65	67	−2	0	—	—	—	140
	Chittagong	000	4	0	00	00	96	01	4	160	73	0	0	9	0	0	64	63	−1	−2	1.2	−0.4	105.7	108
	Maijdee Court	000	0	0	00	00	97	00	0	144	73	0	0	9	0	0	79	62	+2	−3	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	154	73	0	8	9	0	0	66	73	+2	+10	0.4	—	102.1	94
	Brahmanbaria	000	0	0	36	02	97	00	0	183	75	0	0	9	0	0	67	62	—	—	0.0	−1.0	53.8	78
	Sylhet	000	0	2	09	05	97	01	0	165	73	2	4	5	0	0	65	//	—	/	1.5	—	194.7	—
	Srimangal	000	0	0	00	00	96	00	0	159	69	0	0	9	0	0	64	58	−1	−1	0.8	−0.5	83.2	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	169	73	0	0	9	0	0	64	62	0	−2	—	—	—	91
	Narayanganj	000	0	0	31	02	97	00	0	162	77	0	0	9	0	0	62	60	+2	−5	1.3	+0.5	82.1	74
	Dacca (Tezgaon)	000	0	0	02	02	96	05	.	163	73	0	0	9	0	0	62	//	—	/		—	—	
	Faridpur	000	0	0	02	02	97	00	0	163	75	0	0	9	0	0	65	60	−1	−3	1.3	+0.4	58.2	71
Khulna	Barisal	000	0	0	00	00	97	02	0	164	69	0	0	9	0	0	62	58		−6	—			81
	Khulna	000	0	0	00	00	97	00	0	159	79	0	0	9	0	0	62	60	+4	−5	1.4	+0.3	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	169	73	0	0	9	0	0	56	58	0	−5	—	—	—	65
	Jessore	000	0	0	00	60	96	05	4	165	69	0	0	9	0	0	59	56	—	—	—	—	—	65
Rajshahi	Pabna	000	0	0	31	02	97	00	0	168	73	0	0	9	0	0	51	60	—	—	1.0	—	16.3	59
	Sirajganj	000	0	0	00	00	98	00	0	163	73	0	0	9	0	0	60	60	—	−1	0.4	−0.1	61.8	64
	Rajshahi	...	..	..	...	...	..	...	..	..	..	..	..	..	..	..	..	..	+1					
	Bogra	000	0	0	27	02	96	02	0	163	69	0	0	9	0	0	60	60	0	−2	1.3	+0.5	59.6	69
	Dinajpur	000	0	0	00	00	96	00	0	163	73	0	0	9	0	8	58	59	+3	−1	0.8	+0.5	95.5	73
	Rangpur	000	0	0	00	00	96	01	0	147	73	0	0	9	0	0	68	62	−4	+2	1.5	+1.1	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	02	0	167	60	3	0	9	4	0	45	56	−3	+10	0.0	−0.0	18.0	19
	Sialkot	000	0	0	00	00	//	//	/	200	60	0	0	9	0	0	40	//	0	/	0.0	−0.1	11.5	32
Rawalpindi	Jhelum	000	2	3	03	02	97	01	6	171	58	2	5	7	3	0	47	75	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	002	3	7	09	02	99	03	5	173	58	7	5	6	0	0	47	45	0	+2	0.2	0.0	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	6	00	00	96	04	0	158	60	0	0	0	1	4	56	56	+3	+7	0.0	−0.0	7.8	15
	Sargodha	000	4	4	36	01	96	04	6	///	59	0	5	6	3	0	49	56	—	—	0.0	—	20.6	—
	Lyallpur	600	0	5	35	02	95	02	0	143	58	5	3	8	0	0	45	51	−1	+3	0.0	−0.0	7.7	12
Multan	Sahiwal	000	0	4	00	00	96	04	0	159	58	2	5	6	4	0	50	54	+3	+4	0.0	0.0	4.3	10
	Multan	000	0	6	36	02	97	02	0	151	62	0	0	9	0	6	60	60	/	—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	143	60	0	0	9	0	0	45	51	0	0	0.0	0.0	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	161	62	0	0	9	0	0	51	59	+6	+3	—	—	—	6
	Fort Abbas	000	0	0	05	02	98	00	0	128	66	0	0	9	0	0	54	62	—	—			0.8	8
Peshawar	Chakdra	000	0	6	05	05	97	01	9	167	54	6	0	9	6	0	45	45	—	—	0.8	—	23.2	—
	Peshawar	000	0	4	00	00	97	//	/	168	//	1	3	6	3	0	49	//	−4		0.5	+0.5	14.2	11
	Haripur																							—
D. I. Khan	Bannu	000	0	0	31	02	99	00	/	150	60	0	0	9	0	0	38	56	—	—	0.3	—	4.7	11
	D. I. Khan	000	0	6	05	05	97	03	0	166	62	6	6	5	0	0	47	51	−3	+4	0.0	−0.1	6.0	9
Quetta	Sibi	000	0	0	27	03	97	02	0	172	68	0	0	9	0	0	56	55	—	—	0.0	—	0.2	5
	Nokkundi	008	0	0	09	02	96	02	0	220	49	0	0	9	0	0	24	41	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	045	69	0	0	9	0	0	65	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	0	00	00	96	02	0	171	63	0	0	9	0	0	40	59	—	—	0.0	—	2.0	5
	Pasni	000	0	0	31	18	96	00	7	166	72	0	0	0	0	0	48	34	+1	—	0.0	−0.1	0.0	6
Karachi division	Ormara	000	0	0	00	00	96	02	0	158	67	0	0	9	0	0	59	08	—	—	0.0	0.0	0.6	6
	Lasbela	000	0	0	00	00	98	00	0	157	66	0	0	8	0	0	43	50	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	00	00	96	02	0	145	71	0	0	9	0	0	64	70	+1	+3	0.0	−0.1	1.1	8
	Karachi (Ariport)	000	0	0	27	02	96	02	0	144	63	0	0	9	0	0	50	62	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	07	97	02	0	162	74	0	0	9	0	0	53	74	—	—	0.0	—	0.1	—
	Chhor	000	0	0	00	00	//	//	/	132	67	0	0	9	0	1	51	55	—	—	0.0	—	0.3	7
	Hyderabad	000	0	0	00	00	98	20	/	149	63	0	0	9	0	0	53	61	0	—	0.0	0.0	0.3	9
	Badin	000	0	0	23	02	97	02	0	131	62	0	0	9	0	0	59	61	—	—	0.0	−0.2	0.3	—
Khairpur	Padidan	000	0	0	36	03	97	02	0	151	64	0	0	9	0	0	64	57	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	31	05	96	02	0	153	62	0	0	9	0	0	53	56	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	16	05	96	02	0	149	65	0	0	9	0	0	43	60	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	36	09	96	02	0	147	61	0	0	9	0	0	30	69	+3	+6	0.1	−0.0	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	006	2	8	11	40	98	03	7	532	40	8	0	9	0	0	35	35	0	−6	0.8	−0.5	41.0	18
Peshawar	Drosh *	...	..	...	..	...	...	...	..	..		..	..	..	..	..	...	...	+4					29
	Cherat *	002	0	0	36	02	90	//	/	511	47	7	0	4	0	0	43	45	+3	−4	0.6	+0.5	15.0	
	Kakul *	025	7	7	31	02	97	50	6	533	45	4	3	9	0	0	43	45	—	—	0.8	—	33.7	—
	Landikotal *	000	0	4	31	05	98	02	0	610	50	1	3	6	0	0	40	45	—	—	0.7	—	13.6	29
	Parachinar *	000	0	1	05	02	58	02	0	525	40	0	5	9	0	0	//	35	0	−4	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	566	58	0	0	9	0	0	41	40	—	0	0.0	−0.0	2.8	11
	Wana *	000	0	0	31	02	99	00	0	478	47	0	0	9	0	0	38	43		—	0.0	—	9.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	8	519	47	0	0	9	0	0	//	43	−2	+4	0.0	−0.0	6.5	—
	Hindubagh *	000	0	0	00	00	97	07	0	563	46	0	0	9	0	0	40	34	—	—	0.3	—	6.2	9
	Loralai *	000	0	0	27	02	98	00	0	350	55	0	0	9	0	0	45	45	—	—	0.1	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	8	00	00	96	02	0	451	42	0	0	0	0	0	//	//	—	—	0.0	−0.1	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	573	41	0	0	9	0	0	//	39	—	—	—	—	—	8
	Chaman *	000	0	0	13	03	97	00	0	553	40	0	0	9	0	0	19	38	0	−4	0.0	−0.1	4.7	—
	Nushki *	000	0	0	00	00	97	02	0	593	50	0	0	9	0	0	//	42	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	0	05	02	//	02	0	541	40	0	0	9	0	0	47	36	−5	−3	0.8	—	0.5	7
Kalat	Kalat *	000	0	8	18	02	97	02	0	542	//	0	0	9	0	0	18	24	−3	−6	0.0	−0.0	2.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	530	54	0	0	9	0	0	16	49	—	—	0.0	—	3.2	5
	Panjgur *	000	0	0	36	03	96	02	0	543	50	0	0	9	0	0	39	45	−6	+1	0.0	—	—	—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 19th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{xt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Lika/Ytal	99 2 25	10 6 47	18 0 63	33 2 02	98 0 81	14 5 27	31 4 80	23 2 18			05 4 23	13 0 08	...	..
Lika/Ytal	99 2 31	10 6 34	18 0 03	00 0 00	97 0 20	12 2 25	00 9 00	23 6 04			06 0 22	13 0 00		
Chevronthe	99 2 08	10 6 36	18 4 23	10 2 28	99 0 20	12 2 27	11 5 01	...			07 / 23	12 7 30	30 2 01	0/ / 10
Hinea	99 2 28	10 6 85	18 1 23	53 0 01	98 0 20	11 5 79	00 0 00	64 5 00			00 0 66	17 9 00	30 4 01	45 5 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 182 15	...	500 136 58	134 066 59	583 085 58	752 207 59	959 355 60	229 575 //	...	...	...	...	...
Dacca ...	00 00	012 244 56	...	500 174 60	190 170 61	594 015 59	767 155 58	979 291 //	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	009 254 41	...	500 190 37	144 100 56	590 007 //	772 155 //	968 385 //	236 551 //	...	...	...	...	...
Multan ...	00 00	999 120 30	...	515 144 56	130 076 57	581 075 //	754 145 //	967 255 //	253 371 //	...	...	...	...	..
Peshawar ...	00 00	972 124 40	...	486 096 42	056 004 45	568 123 56	736 205 //	224 445 //	...	...	..	...	...	...
Quetta ...	00 00	823 038 59	...	...	078 070 //	565 157 //	724 323 //	922 391 //	184 521 //	...	...	...	...	...
Sargodha ...	00 00	997 180 56	...	350 094 56	974 011 57	557 181 //	721 275 //	947 385 //	122 511 //	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 164 57	830 116 59	600 002 59	..	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 200 59	830 154 61	600 060 60	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...	00 00	...	800 006 //	600 133 //	...	...	...	...	...	...	...	—	...
Sargodha ...													

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	3	4	5	6	7	8	9	10
Barisal ...	280 08	300 06	345 03	/20 08	270 16	280 21			
Bogra ...	245 11	255 05	215 02	350 04	300 18	280 21	..	-	...
Chakiala ...	...	260 04	260 04	275 85	280 10	205 07	210 24	225 27	230 24
Chhor ...	225 05	240 40	250 05	245 06	205 05	215 06	235 30	240 61	240 45
Chittagong ...	285 04	295 02	170 04	245 07	240 16	255 24			
Cherat ...	...						...	-	.
Cox's Bazar ...	230 03	320 05	075 03	220 03	240 10	190 12		...	...
Dacca ...	255 09	265 09	355 02	360 01	285 02		...	.	..
Dalbandin ...	...		075 03	050 08	250 04	245 21	270 44	265 52	265 68
D. I. Khan ...	135 07	150 10	150 11	185 11	190 08	260 03	230 10	240 13	240 34
Drosh ...	...	...	...	140 02	180 01	215 04	255 15	225 24	205 31
Fort Sandeman ...	..	.	...	195 06	215 04	263 08			
Gilgit ...	..	...	...	115 01	110 06	133 07	165 09	170 12	185 13
Ishurdi ...									
Jacobabad ...	140 04	150 04	175 05	225 02	230 06	275 19	260 38	255 38	255 63
Jessore ...	290 04	290 07	300 09	320 15	295 14	290 17	...		...
Jhelum ...	285 03	250 04	260 05	305 09	320 13	275 05	205 16	230 21	215 21
Jiwani ...	245 13	275 12	290 12	305 16	285 20	305 22	270 34	260 50	260 50
Karachi ...	255 15	270 13	275 09	005 07	025 10	230 16	270 36	255 55	250 48
Khanpur ...	360 12	355 14	350 13	015 11	050 18	135 08	205 24	240 13	340 10
Khuzdar ...	...	...		240 02	260 06	250 09	250 21		
Lahore ...	285 03	250 05	250 07	270 09	310 13	325 16	220 12	240 13	245 18
Multan ...	180 12	152 50	195 15	225 23	140 23	285 13	270 29	250 14	250 51
Nawab Shah .	340 05	105 11	040 09	095 06	245 06	230 06	265 21	260 28	261 44
Nokkundi .	...	..	050 06	085 06	030 10	150 16	275 35	...	295 44
Panjgur ...	..		...	315 04	220 05	250 08	255 22	280 42	275 37
Peshawar ...	...	055 02	170 05	205 11	230 07	245 11	225 27	245 29	245 47
Parachinar ...	...	...	...	155 05	330 10		215 19	...	
Quetta ...	...			...	220 07	230 16	...	...	...
Sargodha ...	265 06	240 05	230 05	230 05	260 05	285 10	245 52	250 26	255 27
Skardu ...	...				...			...	...
Sylhet ...	184 01	185 01	220 02	305 05	210 06	235 26	...	...	...
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 1	11	12	13	14	15	16
Barisal ...						
Bogra ...	325 05	325 00	325 07	315 09	270 15	280 25
Chakiala ...	305 04	225 05	220 04	285 10	280 19	270 32
Chhor ...	...	075 08	120 06	185 09	185 04	245 06
Chittagong ...	160 08	285 09	340 12	235 12	325 14	295 14
Cherat ...	..	...	...	...	...	...
Cox's Bazar ...	...	...			...	...
Dacca ...	360 11	360 15	360 16	345 12	...	...
Dalbandin ...	340 05	340 05	340 05	...	285 23	...
D. I. Khan ...		...	075 16	050 16	010 10	315 12
Drosh ...	050 04	075 03	110 03	190 04	260 07	...
Fort Sandeman ...	...		...	045 11	065 03	090 05
Gilgit ...	..	...	...	255 05	275 10	245 14
Ishurdi ...	.	.	.	...	-	...
Jacobabad ...	...	...		...	..	..
Jessore ...	340 28	350 39	005 17	320 06	290 04	210 14
Jhelum ...	245 09	340 11	340 15	320 16	301 87	265 19
Jiwani ...	...			...		
Karachi ...	015 19	355 14	310 14	290 03	310 13	295 19
Khanpur ...	..			...	...	...
Khuzdar ...	340 10	350 0.	360 11	015 11	020 07	075 13
Lahore ...	...	...		315 06	305 17	245 10
Multan ...	110 08	015 05	120 02	295 06	260 06	245 07
Nawab Shah .	195 09	220 07	280 06	270 07	160 09	260 13
Nokkundi .	345 11	335 06	360 08	345 05	345 04	085 05
Panjgur ...	.	---	180 07	110 09	130 07	190 12
Peshawar ...	...			040 11	020 13	360 17
Parachinar ...	...	055 26	055 21	080 17	200 12	215 13
Quetta ...	...	..	...	260 08	351 70	...
Sargodha ...	...	...	...			
Skardu ...	125 05	150 09	165 06	/15 07	351 14	250 19
Sylhet ...	...	...				...
Veraval ...	130 21	175 02	175 02	095 02	150 03	...

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...											
Bogra ...	080 02	315 04	315 04	310 15	285 17	280 27	285 33	280 30	280 34	...	...
Chakiala ...	270 02	235 04	260 06	150 11	300 13	285 37	285 37	...	...	...	...
Chhor ...	...	065 13	140 07	135 12	170 15	195 17	.	...	...		...
Chittagong ...	...									..	...
Cherat ...	045 02	/// //	/// //	325 09	290 09	260 17	270 23	269 27	280 43	..	..
Cox's Bazar ...										...	-
Dacca ...	335 08	360 10	360 08	340 04	300 12	350 17	290 26	305 29	305 34	...	...
Dalbandin ...	345 04	180 04	080 06	290 15	295 29	275 35	285 41	280 46	275 47	...	..
D. I. Khan ...	...		...	...		...	.	. .	...	...	...
Drosh ...	315 13	235 23	320 22	315 14	235 06	230 15	...	...	...	...	...
Fort Sandeman ...	—	.	...	...	..	...	...	...	...	...	...
Gilgit ...	...	...	-	...	...	...	. .	...	...	...	...
Ishurdi ...	...	...	.	...	...	...	...	...	...	...	.
Jacobabad ...			...	...	...	...	...	...	...	...	.
Jessore ...	350 20	340 37								...	-
Jhelum ...	345 04	340 05	340 07	330 19	320 21	295 29	280 34	275 33	290 27	...	...
Jiwani ...	030 03	085 06	150 06	120 12	160 09	210 19	230 33	235 24	240 36	...	...
Karachi ...										...	..
Khanpur ...	055 06	035 09	030 07	080 03	105 06	170 05	255 21	255 27	255 35		...
Khuzdar ...	135 07	250 8/	100 06	070 04	110 07	150 07	220 27	265 49	245 43	...	...
Lahore ...										...	.
Multan ...	130 06	125 10	130 10	195 04	200 07	245 08	240 14	240 17	230 21	...	..
Nawab Shah .	015 23	180 14	/// //	200 06	230 11	185 26	210 33	225 39	235 41	...	...
Nokkundi .	340 12	340 10	245 01	335 04	290 02	265 13	255 20	260 38	245 66	...	...
Panjgur ...	..		130 06	260 02	340 03	285 10			...	...	...
Peshawar ...	...			015 19	120 23	285 05	030 09	030 22	045 21	-	...
Parachinar ...	---	060 05	085 07	160 10						...	..
Quetta ...	..	...	-	235 06	145 04	255 59	240 28		...	..	...
Sargodha ...					185 10	280 42	280 37	265 50	045 21	...	...
Skardu ...	090 13	150 15	150 15	165 13	235 10	235 21	...	...	-	-	...
Sylhet ...							...	—	—	..	...
Veraval ...	125 02	120 03	105 03	010 04	270 04	310 20	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	280 08	295 08	295 07	295 04	265 05	265 11	255 26	250 44	260 50	...	...	...	...	...	...	...	...	.
Multan ...	215 14	215 08	265 08	263 07	290 09	265 17	270 30	270 47	280 53	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

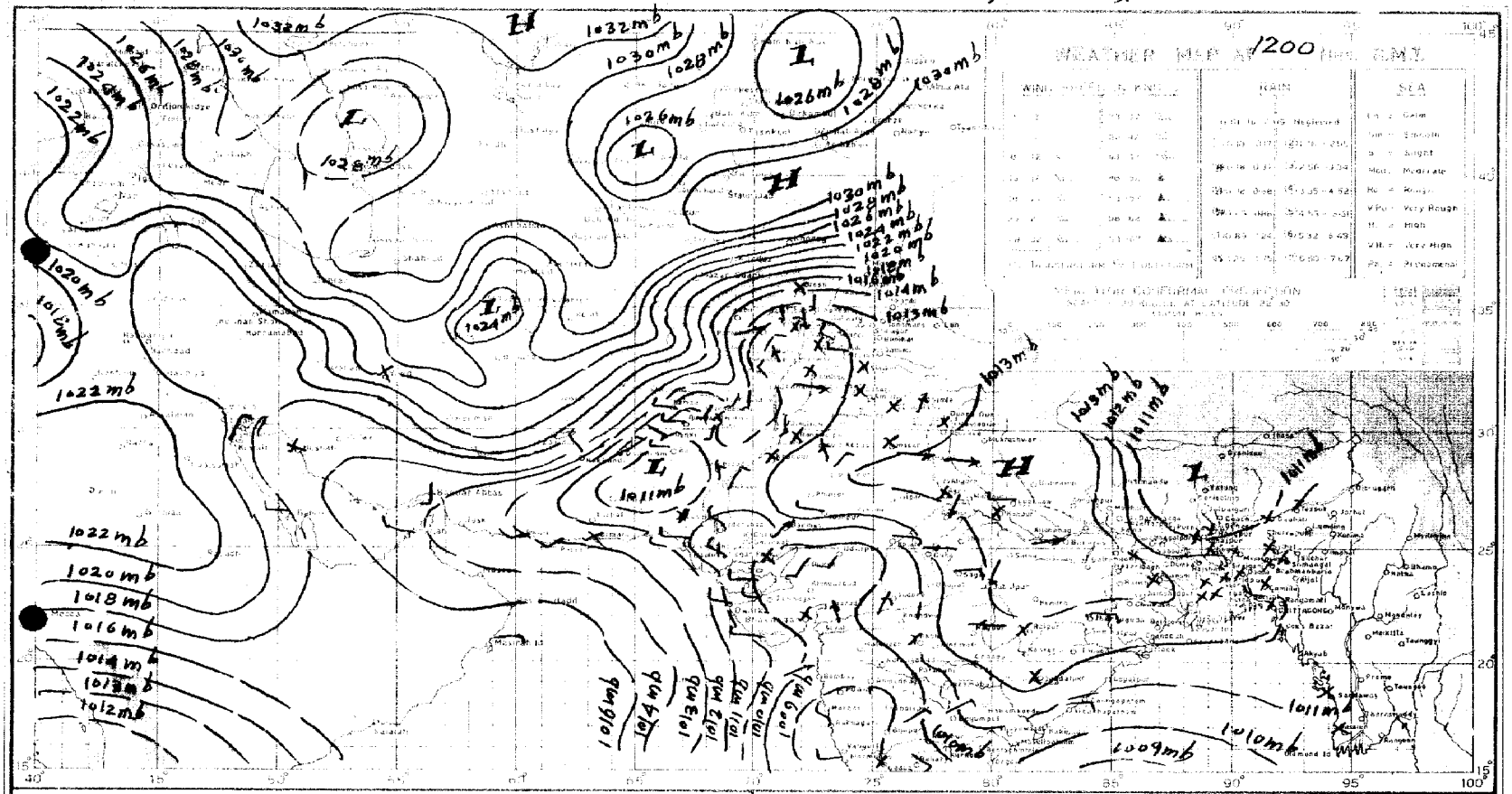
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

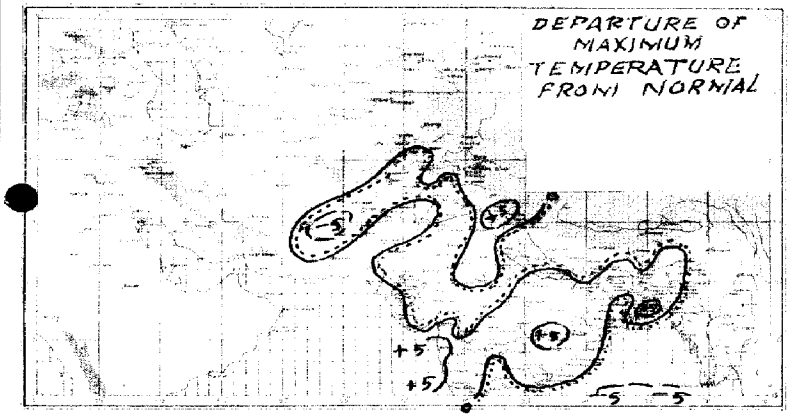
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

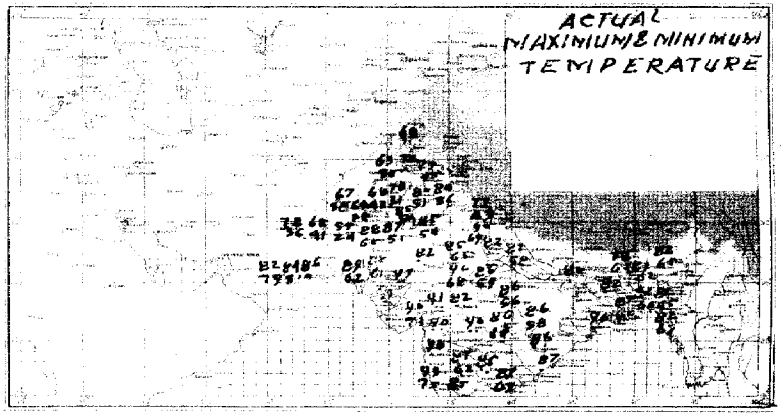
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 18th NOVEMBER, 1969





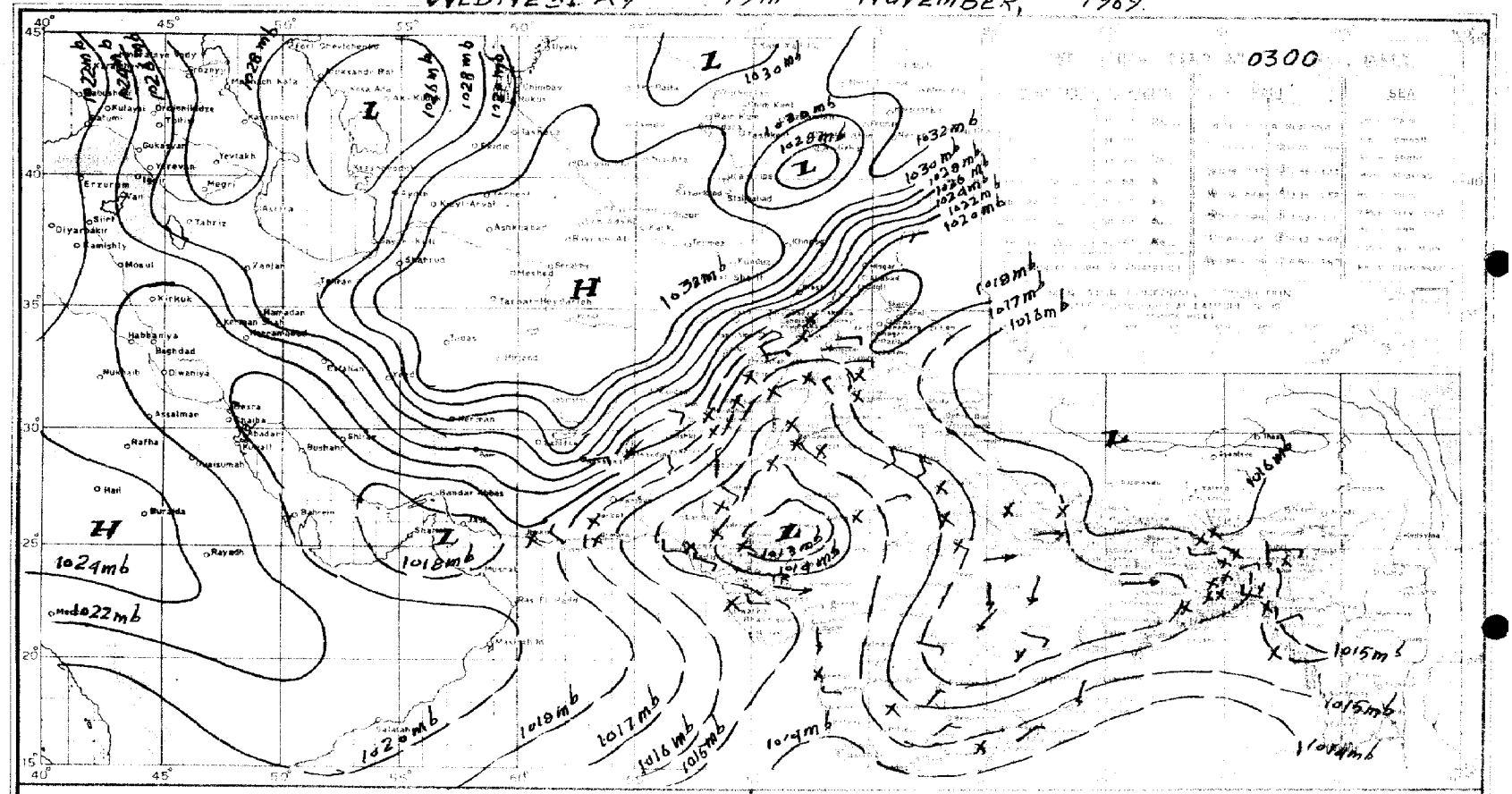


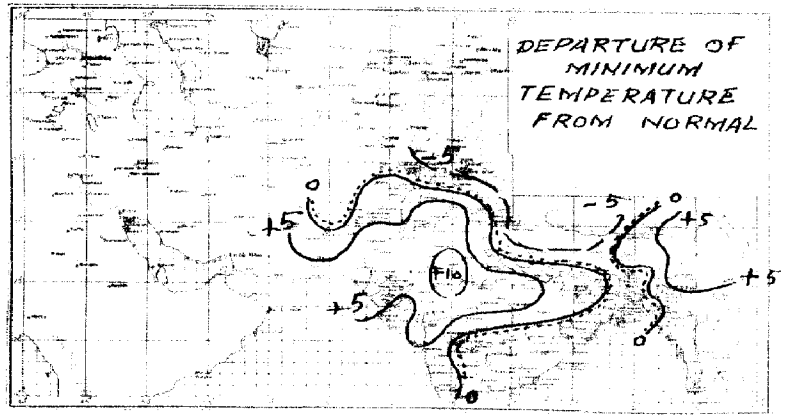
REC. No. 1024 RW XD'61-5,000'65-5,000'67

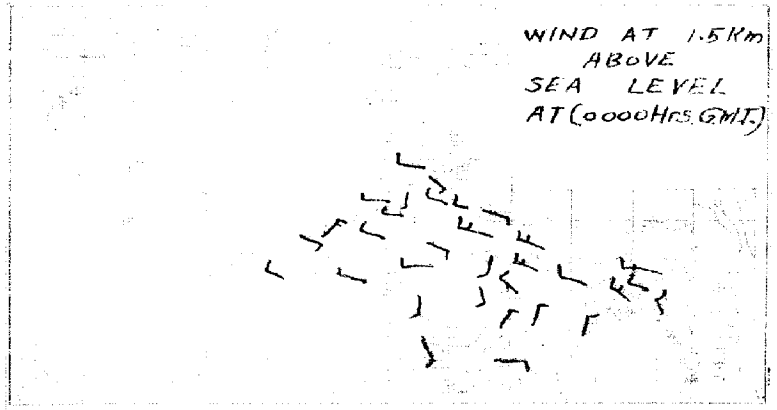
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th NOVEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 20th NOVEMBER 1969.

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

Yesterday's mornings depression had moved slightly westwards and was centred at 19,1200 G.M.T. within a degree of latitude 10½ °N longitude 80½ °E. Ship observations absent but believe it repidly weakened and has now merged with the seasonal low pressure area. The western disturbance over east Russain Turkistan moved away eastwards. A fresh western disturbance lies northwest of Afghanistan. The low pressure area over Rajasthan persists. A few falls of light rain with snowfall over the hills have occurred in Peshawar and Rawalpindi division, otherwise weather remained dry over the country.

Night temperatures were 7—14 °F (4—8 °C) below normal in Peshawar, Quetta and Kalat divisions and 3—6 °F (2—3 °C) so in Chittagong and Khulna divisions and were 7—11 °F (4 - 6 °C) above normal in Lahore and D. I. Khan divisions and 3—6 °F (2—3 °C) so in Multan, Bahawalpur, Karachi and Hyderabad divisions.

Forecast valid until the evening of 21st November 1969 :—A few thunderstorm/showers are likely to occur in Peshawar division and Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 20th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	1	23	02	96	01		131	75	1	1	7	0	0	64	84	000	4	6	05	02	96	01	4	174	68	5	7	5	1	1	64	68	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	2	31	05	//	03	0	127	80	2	0	9	/	2	66	82	000	0	2	36	08	97	02	0	158	77	6	6	9	0	2	//	66	— 2	— 1	0.7	— 2.0	92.0	140
	Chittagong	000	0	2	31	02	//	01	0	126	76	0	0	9	0	1	52	82	000	4	4	05	02	96	01	4	163	72	4	0	9	0	4	66	62	— 1	— 3	1.2	— 0.4	105.7	108
	Maijdee Court	000	9	0	00	00	//	00	0	115	77	0	0	9	0	0	59	85	000	6	2	00	00	97	03	0	151	73	0	0	9	0	2	66	60	+ 2	— 5	0.4	— 0.8	128.5	115
	Comilla	000	0	0	00	00	96	02	0	121	76	0	0	9	0	0	73	85	000	0	1	00	00	96	02	0	154	74	0	0	9	0	1	73	69	+ 2	+ 6	0.5	— 0.6	104.2	94
	Brahmanbaria	000	0	0	00	00	//	00	0	130	75	0	0	9	0	0	69	82	000	0	3	00	00	97	03	1	162	75	0	0	9	0	4	68	64	—	—	1.3	+ 0.3	55.1	78
	Sylhet	000	0	3	23	05	//	02	0	126	72	3	4	5	0	0	64	82	000	8	5	05	05	96	02	1	158	69	:	:	6	3	1	64	62	—	—	1.5	—	194.7	—
	Srimangal	000	0	0	00	00	//	00	0	121	69	0	0	9	0	0	64	82	000	0	0	00	00	96	00	0	160	72	0	0	9	0	0	//	56	— 4	— 2	1.5	— 0.2	84.5	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	131	77	0	0	9	0	0	62	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					91
	Narayanganj	000	0	0	00	00	//	00	0	123	78	0	0	9	0	0	63	84	000	0	0	09	02	97	00	0	162	80	0	0	9	0	0	60	62	+ 1	— 3	1.3	+ 0.5	82.1	74
	Dacca (Tezgaon)	000	0	0	00	00	97	02	0	121	75	0	0	9	0	0	62	82	000	4	2	00	00	56	05	4	170	75	0	0	9	0	1	60	60	—		1.3	—	66.0	—
	Faridpur	000	0	0	00	00	93	00	0	117	75	0	0	9	0	0	54	90	000	0	0	00	00	97	00	0	157	79	0	0	9	0	0	75	68	— 1	+ 5	1.6	+ 0.6	58.5	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	31	02	96	02	2	163	72	0	0	9	0	2	66	59		— 5	1.0	— 0.4	65.2	81
	Khulna	000	0	0	00	00	57	00	0	122	79	0	0	9	0	0	59	87	000	0	0	00	00	57	00	0	158	80	0	0	9	0	0	64	62	+ 4	— 3	1.4	— 0.5	74.5	68
	Satkhira	000	0	0	00	00	57	00	0	133	72	0	0	9	0	0	67	85	000	0	0	00	00	57	00	0	158	75	0	0	0	0	0	60	58	0	— 5	0.2	— 0.5	61.7	65
	Jessore	000	0	0	00	00	97	02	0	130	75	0	0	9	0	0	57	85	000	3	1	00	0	96	05	4	160	74	0	0	9	0	2	60	58	—		1.1	— 0.2	62.5	68
Rajshahi	Pabna	000	0	0	00	00	//	02	0	126	72	0	0	9	0	0	63	82	000	0	0	00	00	98	02	0	160	72	0	0	9	0	0	62	62	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	//	00	0	131	77	0	0	9	0	0	60	85	000	0	0	00	0	58	00	0	152	72	0	0	9	0	0	59	69	—	—	0.4	— 0.4	56.6	64
	Rajshahi	000	0	0	00	00	94	02	0	134	72	0	0	9	0	0	67	82	000	0	0	00	00	56	02	0	164	72	0	0	9	0	0	59	62	+ 1	+ 1	3.0	+ 2.5	70.3	—
	Bogra	000	0	0	00	00	//	02	0	120	72	0	0	9	0	0	46	82	000	0	2	00	00	56	02	0	161	70	0	0	9	0	1	63	58	0	— 4	1.3	+ 0.5	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	120	74	0	0	9	0	0	63	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					72
	Rangpur	000	0	0	00	00	96	01	0	016	70	0	0	9	0	0	64	79	000	0	1	13	02	96	01	0	151	66	1	0	9	1	6	60	62	— 3	+ 2	1.5	+ 1.1	87.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	55	04	0	133	76	0	0	9	0	1	56	82	000	0	0	00	00	96	02	1	163	60	0	0	9	3	0	49	57	— 1	+ 11	0.0	— 0.1	18.0	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	6	31	02	57	03	1	138	72	2	5	6	7	0	49	80	000	9	6	36	02	96	02	1	169	59	4	5	6	2	0	46	54	—	—	0.0	—	31.2	—
	Islamabad																																								
	Rawalpindi	000	0	5	09	02	99	02	2	149	66	0	0	9	0	0	52	69	000	0	2	27	02	98	00	1	180	52	2	1	7	0	0	46	49	— 8	—	0.2	0.0	33.6	36
	Campbellpur																																								
Sargodha	Khushab	000	0	6	00	11	56	10	2	120	74	4	0	9	2	4	72	76	000	0	0	00	//	97	06	0	170	54	0	0	9	0	0	49	40	— 6	— 9	0.0	— 0.1	7.8	15
	Sargodha	000	0	3	09	03	97	02	1	130	72	3	4	6	3	0	54	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Lyallpur	000	0	0	00	00	96	00	0	124	74	0	0	9	0	0	54	78	000	0	0	00	00	95	00	0	165	58	0	0	9	0	0	52	56	— 3	+ 8	0.0	— 0.0	7.7	12
Multan	Sahiwal	000	0	0	00	00	96	02	0	126	77	0	0	9	0	0	52	82	000	0	0	30	03	96	02	0	172	59	0	0	9	0	0	32	56	0	+ 6	0.0	0.0	1.3	10
	Multan	000	0	2	36	00	92	01	2	12[illegible]	90	0	0	9	0	0	//	90	000	0	5	36	00	98	03	2	151	63	0	0	9	0	0	58	58	—		0.0	—	2.7	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	00	00	56	00	0	126	79	0	0	9	0	0	54	91	000	0	0	36	05	56	02	0	158	58	0	0	9	0	0	46	52		+ 1	0.3	0.0	1.4	6
	Bahawalpur	000	0	0	05	02	58	00	0	072	85	0	0	9	0	0	79	85	000	0	0	02	02	56	00	0	182	62	0	0	9	0	0	//	55	+ 8	+ 5	0.0	— 0.0	2.0	6
	Fort Abbas																		000	0	0	23	02	98	00	0	141	62	0	0	9	0	0	56	59	—	—	0.0	—	0.0	8
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	05	03	97	03	0	176	52	2	1	7	0	0	41	46	—	—	0.0	—	23.2	—
	Peshawar	000	0	6	00	00	97	03	1	153	64	5	9	6	3	0	49	68	000	4	4	05	03	57	03	2	196	52	4	6	9	5	1	44	46	— 8	—	1.0	—	24.0	11
	Haripur	000	8	6	23	05	97	03	2	146	72	6	0	9	7	0	52	72																							—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	136	70	0	0	9	0	0	36	75	000	0	0	09	01	59	00	0	185	52	0	0	9	0	0	22	50	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	05	04	97	02	0	131	74	0	0	9	0	0	38	77	000	0	0	31	09	97	02	0	156	60	0	0	9	0	0	//	56	— 4	+ 9	—	— 0.1	6.0	9
Quetta	Sibi	000	0	0	27	09	96	02	0	159	79	0	0	9	0	2	54	80	000	0	0	27	03	97	02	0	183	64	0	0	9	0	0	46	53	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	33	07	56	02	0	203	62	0	0	9	0	0	//	63	000	0	0	36	03	97	02	0	260	42	0	0	9	0	0	//	33	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	09	06	96	00	0	001	85	0	0	9	0	0	//	87	000	0	0	05	02	96	00	0	059	00	0	0	9	0	0	26	//	—		0.0	—	0.2	—
	Jiwani	000	0	0	36	05	95	06	0	148	83	0	0	9	0	0	//	83	000	0	1	36	10	56	03	0	186	61	0	0	9	0	1	//	56	—	—	0.0	—	2.0	5
	Pasni	000	0	0	21	14	97	00	0	149	87	0	0	0	0	0	87	89	000	0	0	31	12	97	02	0	176	67	0	0	0	0	0	55	//	+ 4	/	0.0	— 0.1	0.0	6
Karachi division	Ormara	000	0	1	27	03	96	03	3	190	84	1	0	9	0	0	74	86	000	0	1	09	05	96	03	3	159	69	1	0	9	0	0	44	//	—	/	0.0	0.0	0.6	6
	Lasbela	///	0	0	18	02	98	00	0	125	92	0	0	1	0	0	43	92	///	0	0	05	02	58	00	0	173	58	0	0	8	0	0	24	45	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	4	27	03	57	03	0	116	81	0	0	9	0	1	63	87	000	0	4	05	02	56	03	0	160	71	0	0	9	0	1	32	69	+ 3	+ 3	0.0	— 0.1	1.1	8
	Karachi (Ariport)	000	0	3	23	03	56	01	1	117	85	0	0	9	0	2	52	52	000	0	0	03	03	56	02	0	163	62	0	0	9	0	0	32	59	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	2	31	20	96	03	0	108	86	0	0	9	0	0	42	//	000	0	4	36	03	96	03	0	159	62	0	0	9	0	9	30	51	/	—	0.0	—	0.3	—
	Chhor	000	0	5	36	03	97	03	/	128	62	0	0	9	0	1	55	85	000	0	3	34	07	97	33	3	168	64	0	0	9	0	1	28	62	— 3	+ 3	0.0	0.0	0.3	7
	Hyderabad	000	0	0	36	06	57	02	0	112	88	0	0	9	0	0	49	90	000	0	0	36	06	97	02	0	123	59	0	0	9	0	0	51	57	—	—	0.0	— 0.2	0.3	9
	Badin																																								—
Khairpur	Padidan	000	0	0	//	05	55	05	0	127	80	0	0	9	0	0	34	84	000	0	0	31	05	97	02	0	173	60	0	0	9	0	0	51	54	—		0.0	—	0.8	—
	Nawabshah	000	0	0	36	14	95	06	4	136	81	0	0	9	0	0	57	86	000	0	0	31	05	56	02	0	170	54	0	0	9	0	0	30	49	—	—	0.0	—	1.1	4
	Sukkur	000	0	/	31	05	95	08	4	126	80	0	0	9	0	0	37	82	000	0	4	23	05	55	05	4	165	55	0	0	9	0	0	30	52	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	96	02	0	168	59	0	0	9	0	0	//	53		—	0.1	+ 0.1	2.8	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	010	4	5	11	14	97	02	7	518	43	5	9	3	0	0	33	48	010	0	6	09	05	97	03	1	527	43	6	5	4	0	0	32	38	— 8	— 3	1.0	— 0.5	41.0	18
Peshawar	Drosh *	000	7	8	10	00	96	50	6	529	43	8	6	6	/	/	36	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Cherat *	000	0	2	36	05	98	01	0	505	44	2	1	7	0	0	45	66	000	0	0	36	18	98	00	0	525	32	0	0	9	0	0	31	44	+ 1	— 5	0.6	+ 0.6	15.0	—
	Kakul *	012	5	2	31	03	98	01	6	520	50	2	2	6	0	0	46	56	000	0	6	31	02	98	03	1	524	49	6	3	4	0	0	40	43	—	—	1.0	—	34.0	—
	Landikotal *	000	0	4	31	05	58	02	0	626	56	4	3	9	0	0	41	60	000	0	0	36	04	98	02	0	614	40	0	0	9	0	0	33	38	—	—	0.7	—	13.6	29
	Prachinar *	000	0	1	16	05	98	02	0	504	50	1	1	6	6	0	49	54	000	0	0	18	02	98	02	0	539	36	0	0	9	0	0	16	29	— 9	— 10	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	523	66	0	0	9	0	0	36	68	000	0	0	09	09	59	00	0	520	50	0	0	9	0	0	38	44	—	—	0.0	—	2.8	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	50	59	00	0	519	//	0	0	9	0	0	46	//		/	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	27	07	98	02	0	458	61	0	0	9	0	0	//	64	000	0	0	00	00	97	02	0	530	41	2	5	9	1	4	//	35	— 6	— 4	0.0	— 0.0	6.4	—
	Hindubagh *	000	0	0	23	05	94	05	0	547	48	0	0	9	0	0	30	49	000	0	0	20	03	57	02	0	557	42	0	0	9	0	0	21	28	—	—	0.0	—	0.2	9
	Loralai *	000	0	0	27	02	98	01	0	395	80	0	0	9	0	0	//	//	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	45	/	/	0.1	—	0.1	—
	Barkhan *																																								14
	Harnai *	000	0	0	31	21	94	02	0	489	62	0	0	0	0	0	37	//	000	0	0	02	13	96	02	0	596	43	0	0	0	0	0	//	//	/	/	0.0	— 0.1	5.6	9
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	564	33	0	0	9	9	0	//	31		—	—	—	—	8
	Chaman *	000	0	0	27	05	97	00	0	542	51	0	0	9	0	0	//	55	000	0	0	09	03	97	00	0	534	00	0	0	9	0	0	//	28	— 12	— 14	0.0	—	4.8	—
	Nushki *	000	0	0	33	05	97	02	0	603	59	0	0	9	0	0	//	64	000	0	0	00	00	97	02	0	594	36	0	0	9	0	0	//	35	—	—	0.0	—	2.1	4
	Dalbandin *	000	0	0	05	07	97	02	0	556	68	0	0	9	0	0	//	66	000	0	0	00	00	97	02	0	543	34	0	0	9	0	0	//	26	— 7	— 13	0.0	— 0.0	0.5	7
Kalat	Kalat *	000	0	0	31	03	96	02	0	516	40	0	0	9	0	0	33	48	000	0	0	19	03	97	02	0	541	22	0	0	9	0	0	12	15	— 14	—	0.0	— 0.0	2.2	—
	Khuzdar *	000	0	0	31	03	97	03	0	513	63	0	0	9	0	0	//	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	Panjgur *	000	0	0	36	07	96	02	0	430	62	0	0	9	0	0	31	66	000	0	0	05	03	96	02	0	531	43	0	0	9	0	0	27	36	— 7	— 8	0.0	—	0.2	5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 20th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	7RR tRtR	8NsCh hs	OTsTsTdTd	1TwTwTwT	3PwPwHwHw	dwPwHwH
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hina/Ct.l ...	99 2 36	10 6 54	19 0 03	03 0 08	99 0 20	12 3 78	03 0 80	64 5 00	...		(5 2 6!	18 0 56	30 5 01	30 5 01
Chevronthesgue ...	99 2 26	10 1 61	19 0 03	22 9 08	99 0 20	14 0 26	07 0 30	...	...			12 5 80	30 2 01	..
Chevronthesgue ...	99 2 35	10 6 20	19 0 63	23 5 12	99 0 30	17 2 25	11 4 20	...	...		01 / 61	12 6 68	30 3 02	03 / 00
Hina/Tsvl ...	59 2 40	10 6 35	19 0 63	00 3 10	99 0 20	17 5 82	03 0 00	...	74 2 13		10 7 64	18 2 30	30 5 01	33 3 02
Wels City	99 1 74	10 5 81	19 0 63	00 3 08	// / //	18 0 39	...	...	...		12 6 61	33 1 01	33 1 01	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 194 28	...	509 142 57	141 706 33	586 057 11	757 169 60	967 327 60	239 555 //	...	...	...	...	...
Dacca ...	00 00	013 170 23	...	395 114 41	084 076 57	5.. 085 58	747 275 41	9.. 315 56	224 585 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	011 172 62	...	600 114 37	179 045 //	576 155 //	739 315 //	934 465 //	...	...	...	...	...	...
Multan ...	00 00	C01 140 61	...	506 150 40	139 150 30	577 165 //	740 315 //	934 481 //	198 541 //	...	...	...	...	...
Peshawar ...														
Quetta ...	00 00	823 036 62	...	...	093 028 //	575 139 //	741 235 //	945 339 //	227 433 //	...	...	...	...	...
Sargodha ...	00 00	992 200 56	...	410 130 57	497 015 //	569 171 //	734 261 //	937 375 //	210 475 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed (PmPmPm dmdm fmfmfm)	TROPOPAUSE (PtTtPtTtTtTat)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 180 59	830 /// //	600 034 59	—	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 135 09	830 094 50	600 006 56	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Multan ...	00 00	..	...	...	...	...	...	...	...	...	—	...	...
Peshawar ...													
Quetta ...	00 00	...	800 034 //	600 013 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	..	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	300 08	310 07	310 09	300 13	285 19	270 03	..	...	...
Bogra ...	255 03	275 06	285 07	295 11	300 15	305 19	...	...	...
Chaklala ...	..	085 15	115 13	135 18	165 09	205 19	...	...	...
Chher .	345 05	340 07	330 50	275 07	265 16	260 23	255 38	240 37	235 36
Chittagong ...	335 05	360 04	315 07	290 13	255 15	265 28	...	...	..
Cherat ..	...		...	...			...	...	..
Cox's Bazar ...	345 12	355 11	035 08	360 12	320 10	360 12	..	...	...
Dacca ...	225 07	240 07	255 07	255 04	240 03		...	...	..
Dalbandin .	..	...	075 10	040 15	030 13	332 11	230 43	270 45	265 48
D. I. Khan .	035 06	025 09	110 10	065 03	205 04	230 12	250 33	260 37	260 42
Drosh .	...	...	...	...	...				
Fort Sandeman ...	-	.	...	270 15	235 14	220 14	273 51	270 37	265 31
Gilgit ...	..	...	...	290 06	255 01	120 15	...	...	...
Ishurdi ...				...	—	...	...	...	...
Jacobabad ...	340 19	351 77	230 19	...	...	...	...	...	..
Jessore ...	260 04	260 07	320 10	300 17	280 21	280 21	...	...	...
Jhelum ...	089 03	120 04	145 05	170 09	185 14	...	...	...	...
Jiwani ..	015 13	025 09	045 06	...	...	...	...	..	...
Karachi ...	100 02	070 02	060 04	040 06	015 04	315 04	265 17	265 24	260 39
Khanpur .	...	...	...	...		...	...	...	...
Khuzdar ...	...	...							
Lahore ...	065 03	095 03	105 03	160 04	195 04	220 05	270 13	280 11	255 29
Multan ...	065 09	055 11	055 08	245 09	235 23	230 28	225 34	220 45	220 53
Nawab Shah ..	355 19	360 15	360 13		...	...			
Nokkundi ...	...	...	330 09	040 03	240 04	285 21	280 34	275 46	275 41
Panjgur ...	-	...	...	025 11	020 15		335 24	...	...
Peshawar ...	...	070 06	115 05	160 09	170 15	160 15	240 31	255 52	
Parachinar ...	...	...	...	165 13	145 13	255 38	215 11	...	260 87
Quetta ...	...	...		...	280 08	295 16	260 36	245 46	...
Sargodha ...	115 07	120 06	115 04	280 03	..	...	...	...	...
Skardu ...	...	..	No	Ascent	..		...	...	...
Sylhet ...	235 04	240 05	245 06	290 05	260 04	285 07	..	—	...
Veraval ...	...	...		...	...			...	...

At 0000 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	330 06	330 07	340 09	295 73	275 28	285 26
Bogra	295 02	290 04	270 08	265 09	265 13	255 35
Chaklala	...	025 04	130 06	175 00	145 09	195 16
Chher	360 17	345 13	325 08	240 07	255 14	265 17
Chittagong	...	...	...	...	...	...
Cherat	...	...		..	...	...
Cox's Bazar	330 13	340 08	325 07	285 10	280 12	...
Dacca	300 05	300 08	301 08	...	295 17	...
Dalbandin	—	...	075 09	040 20	360 12	290 06
D. I. Khan	...	No	Ascent	...	...	...
Drosh	...	...	...			
Fort Sandeman	...	...	...	255 01	300 07	285 31
Gilgit	...	—	...	...		...
Ishurdi				...	...	—
Jacobabad	335 27	325 27	315 24	310 19	207 16	
Jessore	270 03	270 04	205 04	310 10	305 19	293 4/
Jhelum	335 03	190 04	145 04	105 98	195 13	200 //
Jiwani	030 19	030 18	040 18	010 14	015 10	290 10
Karachi	...			...		
Khanpur	255 09	255 11	250 13	230 16	260 11	290 09
Khuzdar	...	...		335 05	330 14	260 22
Lahore	040 03	055 05	035 03	240 02	230 02	255 04
Multan	030 21	360 06	/// /	260 06	210 12	230 17
Nawab Shah	010 31	010 19	010 17	010 17	360 10	215 17
Nokkundi	..	...	110 20	145 06	160 09	135 10
Panjgur	...	.	...	025 10	355 12	340 17
Peshawar	...	...	...	...		...
Parachinar	..	...	...	200 50	160 01	...
Quetta	...	...	...			
Sargodha	300 10	310 12	240 07	130 8/	200 13	255 24
Skardu		...				
Sylhet	100 06	100 02	185 01	270 03	240 04	255 10
Veraval	..	..	...	...		

At 0600 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	260 06	290 06	210 07	290 13	310 26	330 29			...	...	...
Bogra	325 03	250 04	245 06	260 05	270 11	280 33	285 41	275 49	...	...	.
Chaklala	...	290 05	210 04	150 10	160 15	190 21	245 33	/06 /5	260 47		
Chher	015 /2	020 20	010 19	320 10	260 06	240 19	170 14	265 25	265 36	260 54	270 73
Chittagong	340 03	225 05	285 09	265 14	265 19	360 26	270 25	270 29	275 38	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	—
Cox's Bazar	...		...	...	...	...	...	...	...	...	-
Dacca	235 04	335 03	305 06	300 13	300 20	280 36	275 3	285 36	275 43	...	.
Dalbandin	...	...	070 09	045 16	031 02	325 19	210 2	250 25	270 27	...	...
D. I. Khan	310 12	315 04	315 07	245 19	101 50	280 15	255 31	255 37	265 47	...	...
Drosh	—	.	—	...					...	...	—
Fort Sandeman	...	...	—	270 07	255 06	300 06	330 27	305 23	285 33	...	...
Gilgit	..	...	—	—	...	...	...	...	...	...	..
Ishurdi										...	.
Jacobabad	285 04	105 05	100 10	100 13	030 07	350 06	270 25	240 44	255 44	...	...
Jessore	...	...	...	...	...	...	...	...	...	...	...
Jhelum	305 07	325 09	305 03	155 10	170 15	195 23	250 40			...	...
Jiwani	025 28	015 21	015 18	340 16	360 14	360 11	275 18	275 29	275 31	...	...
Karachi	045 09	035 09	210 09	245 03	230 05	260 09	270 27	270 35	260 39		...
Khanpur	010 20	020 23	020 25	035 33	050 53	050 31	150 15	181 17	160 19	...	...
Khuzdar	...	...	...	335 07	345 12	345 10	360 22	360 35	360 35	325 62	.
Lahore	035 02	005 03	270 30	215 03	190 50	230 13	263 27	264 0/	275 5/	...	.
Multan	015 12	355 16	...							...	...
Nawab Shah	335 14	355 12	310 08	280 10	265 06	275 18	250 30	270 41	270 44	...	...
Nokkundi	...	...	235 05	355 08	335 09	355 11	018 15	355 17	340 22	...	...
Panjgur	...		...	010 15	355 19	295 14	245 21	250 27	260 28	...	...
Peshawar	...	...	...	...				...	...	...	...
Parachinar	..	...	—	275 02	220 03	275 43	280 22	...	265 52	..	...
Quetta	...			...	035 04	305 14	270 30	265 35	270 45	...	...
Sargodha	320 03	360 06	345 05	215 07	215 10	215 10	...	...	-	—	...
Skardu				...					—	—	.
Sylhet	090 02	165 03	195 03	280 03	255 05	270 13	275 15	280 67	...	...	...
Veraval	...	...	...	...	...		...	...	...	...	..

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	020 10	030 11	090 08	090 08	170 04	245 10	270 12	255 45	273 68	...	...	...	...	...	...	...	...	..
Multan ...	020 03	020 37	025 21	270 02	270 08	275 18	275 33	280 48	280 65	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ..																		
Sargodha ...																		

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

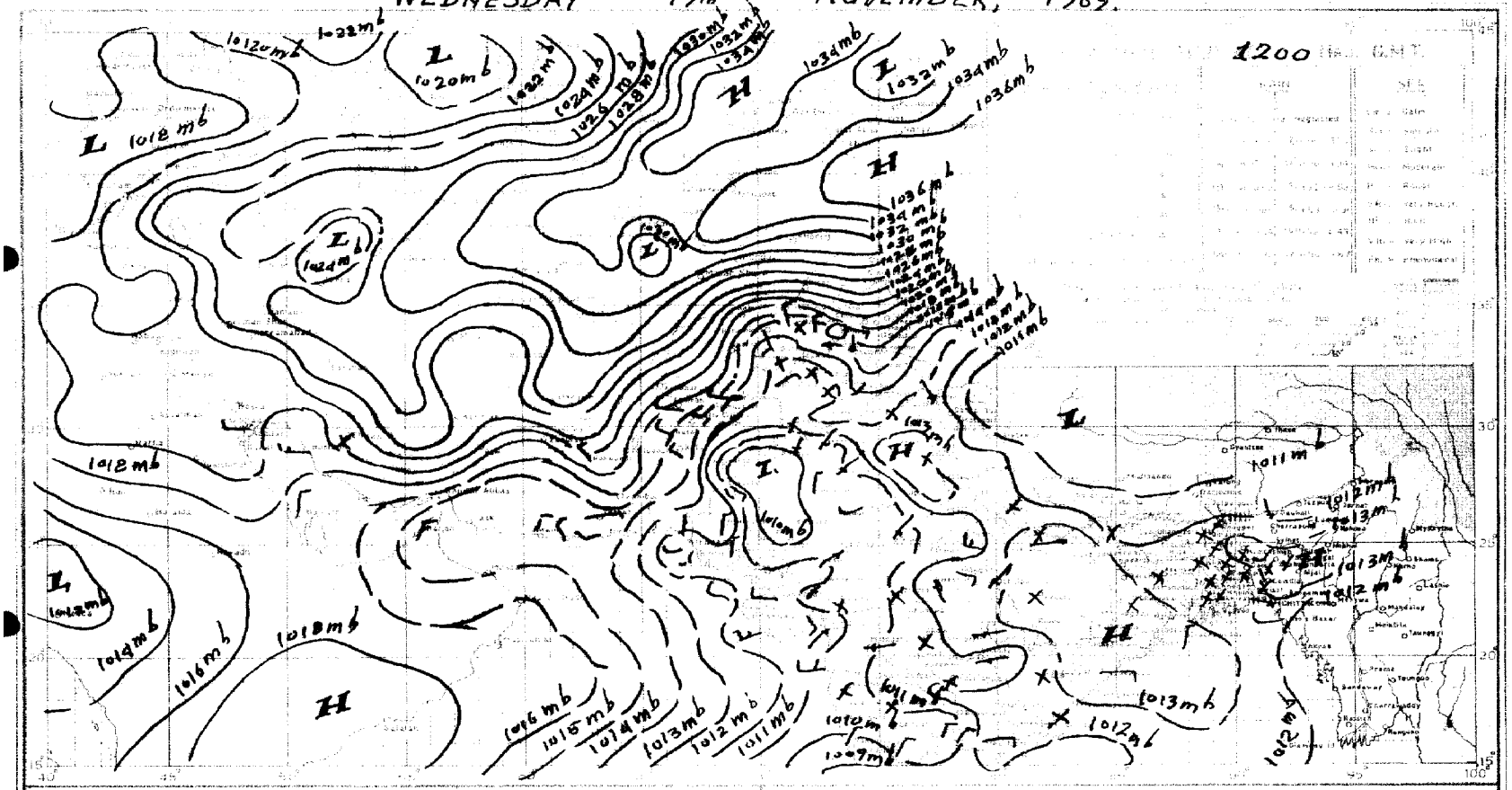
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

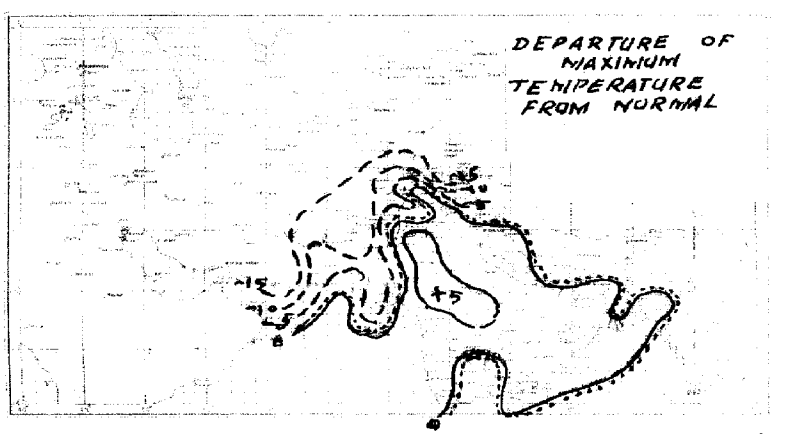
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

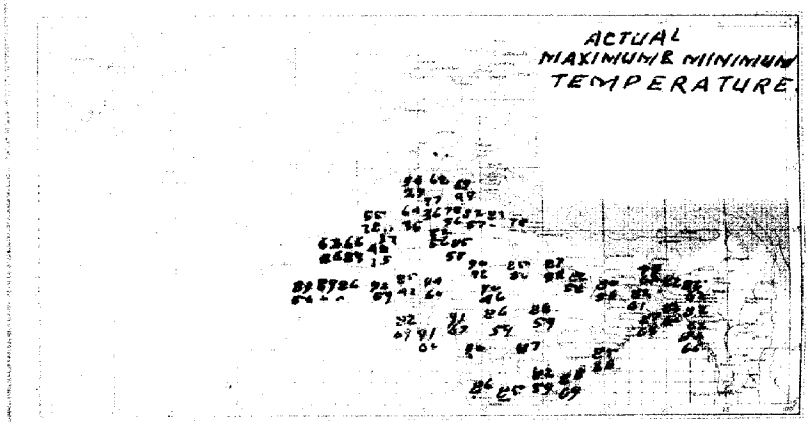
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port. KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th NOVEMBER, 1969.





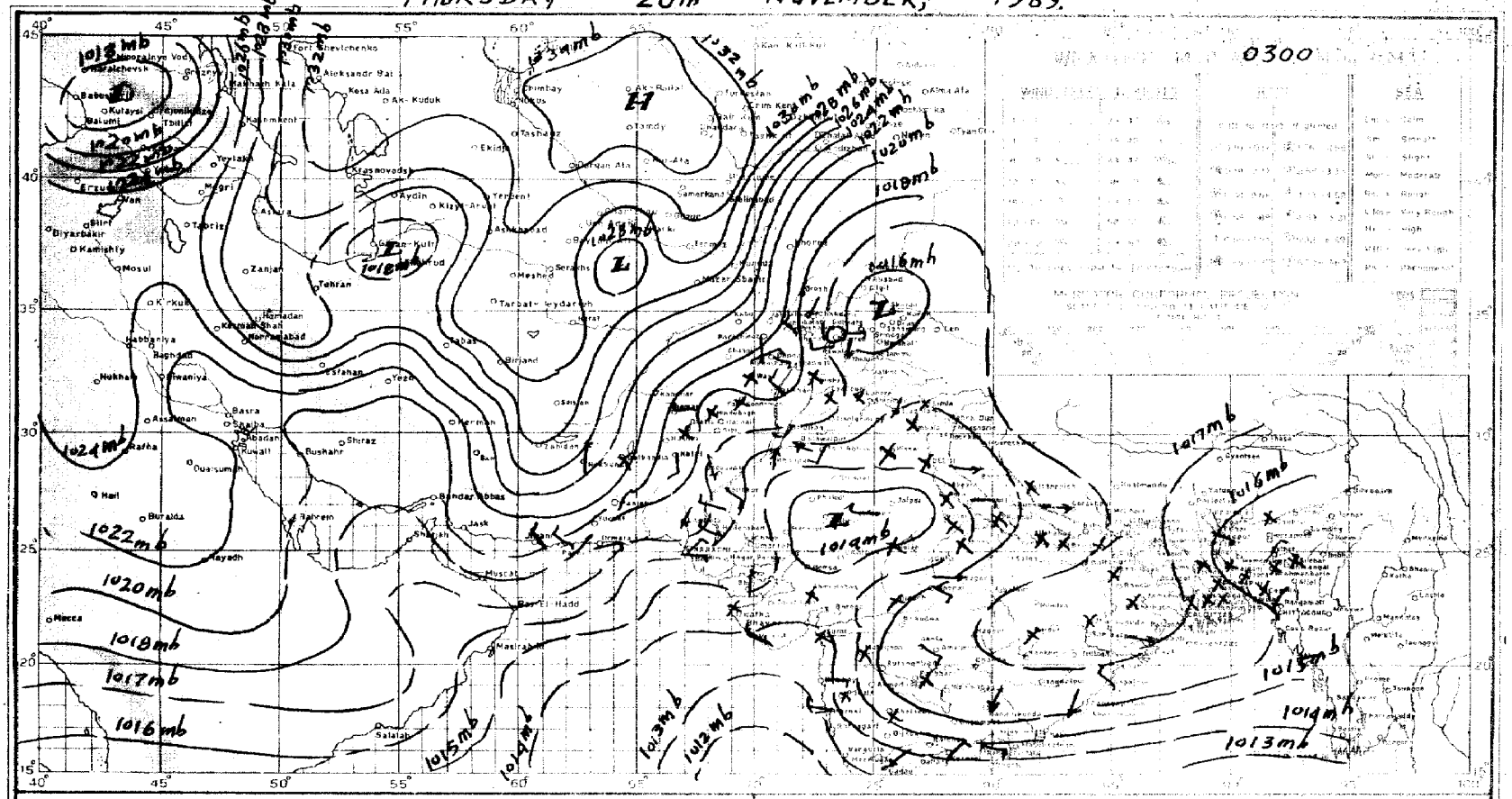


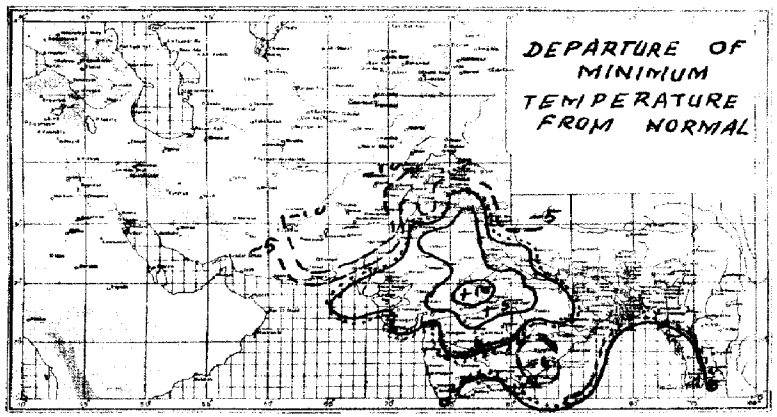
REG. No. 1024 RWXD 61-5,000'63-5,000'67.

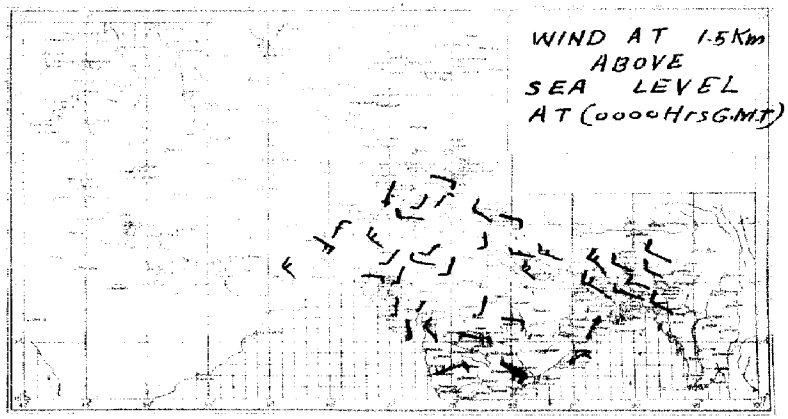
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

THURSDAY 20th NOVEMBER, 1969.







REG No 024 RWKD'61 5000-5,000'67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 21st NOVEMBER 1969.

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

Yesterday's western disturbance northwest of Afghanistan is now moving across east Russain Turkistan. Dry continental air prevail over west Pakistan. A westerly low pressure wave is moving across west Bengal.

Night temperatures were 3—4 °F (2 °C) below in Khulna and Rajshahi divisions, 8—15 °F (4—8 °C) so in Quetta and Kalat divisions and were 3—6 °F (2—3 °C) above normal in Sargodha, Multan and Bahawalpur divisions.

Forecast valid until the evening of 22nd November 1969 : —Rain, drizzle will be scattered in Khulna and Rajshahi divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 21st November, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	27	02	96	01	0	102	76	1	1	7	0	0	63	82
	Cox's Bazar	000	0	0	00	00	//	02	0	119	76	0	0	9	0	0	63	85
	Chittagong	000	0	1	31	02	//	03	0	126	73	0	0	9	0	1	60	82
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	2	00	00	96	02	0	123	73	0	0	9	0	0	63	85
	Brahmanbaria	000	0	3	00	00	//	03	1	131	76	0	0	9	0	6	70	82
	Sylhet	000	0	1	00	00	//	01	0	127	72	0	0	9	3	0	63	82
	Srimangal	000	0	0	00	00	//	00	0	123	68	0	0	9	0	0	64	82
Dacca	Mymensingh	000	0	0	00	00	//	00	0	131	77	0	0	9	0	0	60	82
	Narayanganj	000	0	0	09	00	//	//	/	///	76	0	0	9	0	0	63	85
	Dacca (Tejgaon)	000	0	2	00	00	96	03	0	121	73	0	0	9	0	0	56	82
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	0	00	00	97	00	0	143	80	0	0	9	0	0	67	87
	Khulna	000	0	0	00	00	95	00	0	126	73	0	0	9	0	0	60	85
	Satkhira	000	0	2	27	03	97	01	0	126	73	0	0	9	0	1	60	84
	Jessore	010	0	0	00	00	//	02	0	123	72	0	0	9	0	0	61	82
Rajshahi	Pabna	000	0	0	36	01	//	00	0	130	76	0	0	9	0	0	60	82
	Sirajganj	000	0	0	00	00	94	02	0	132	70	0	0	9	0	0	60	80
	Rajshahi	000	0	0	00	00	96	02	0	123	72	0	0	9	0	0	59	80
	Bogra	000	0	0	00	00	//	00	0	120	73	0	0	9	0	0	60	82
	Dinajpur	000	0	1	00	00	96	01	0	100	70	0	0	9	1	0	64	77
	Rangpur																	
Kashmir	Jammu	000	0	0	00	00	96	02	0	135	77	0	0	9	0	0	//	80
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	//	00	0	123	76	0	0	9	0	0	67	82
	Sialkot	000	0	2	27	02	96	02	1	144	73	2	4	7	0	0	50	78
Rawalpindi	Jhelum																	
	Islamabad	000	0	6	27	02	99	02	2	153	64	0	0	9	0	4	49	73
	Rawalpindi																	
	Campbellpur																	
Sargodha	Khushab	000	0	0	36	11	97	00	0	132	76	0	0	9	0	0	70	78
	Sargodha	000	0	1	31	03	97	02	0	146	72	0	0	9	0	1	56	78
	Lyallpur	000	0	0	29	02	96	00	0	137	70	0	0	9	0	0	47	76
Multan	Sahiwal	000	0	0	00	00	96	02	0	145	70	0	0	9	0	0	38	76
	Multan	000	0	8	36	00	92	02	2	124	90	0	0	9	0	8	//	91
	Leiah																	
Bahawalpur	Khanpur	000	0	0	05	05	95	05	0	142	73	0	0	9	0	0	52	77
	Bahawalpur	000	0	0	00	00	96	00	0	131	82	0	0	9	0	0	54	90
	Fort Abbas	000	0	0	05	04	98	00	0	122	72	0	0	9	0	0	49	72
Peshawar	Chakdra	000	0	2	00	00	98	03	8	136	64	0	0	9	0	0	43	64
	Peshawar	000	0	0	36	02	97	01	1	165	67	2	2	7	0	0	34	72
	Haripur	000	0	0	13	05	97	00	0	155	68	0	0	9	0	0	54	70
D. I.-Khan	Bannu	000	0	0	31	02	99	01	0	158	68	0	0	9	2	0	41	72
	D. I. Khan	000	0	0	31	04	97	02	0	154	72	0	0	9	0	0	40	73
Quetta	Sibi	000	0	0	18	03	97	62	0	148	80	0	0	9	0	0	58	82
	Nokkundi	000	0	8	23	03	98	02	0	191	64	0	0	9	0	0	//	65
Kalat	Turbat	000	0	0	05	02	96	00	0	020	78	0	0	9	0	0	//	78
	Jiwani	000	0	0	35	09	94	06	0	153	78	0	0	9	0	0	//	79
	Pasni	000	0	0	11	10	97	02	0	150	82	0	0	0	0	0	78	87
Karachi Division	Ormara	000	0	3	27	05	96	02	0	143	81	3	0	9	0	0	74	84
	Lasbela	000	0	4	00	00	98	00	3	131	65	0	0	8	0	0	57	87
	Karachi (Manora)	000	0	5	31	02	57	07	0	132	79	0	0	9	0	8	49	85
	Karachi (Airport)	000	0	3	27	02	96	02	0	130	82	0	0	9	0	2	37	88
Hyderabad	Nagarparker	000	0	2	36	03	96	01	0	012	83	0	0	9	0	2	//	89
	Chhor	000	0	2	30	13	97	01	0	142	77	0	0	9	0	1	31	83
	Hyderabad	006	0	0	36	08	97	02	6	131	84	0	0	9	0	0	31	85
	Badin																	
Khairpur	Padidan	000	0	4	31	07	96	03	0	145	75	0	0	9	0	5	44	80
	Nawabshah	800	0	4	36	05	96	02	0	149	78	0	0	9	0	1	43	82
	Sukkur	000	0	4	05	02	96	03	1	140	78	0	0	9	0	8	39	81
	Kashmore																	
	Jacobabad	000	0	0	27	02	97	01	0	145	79	0	0	9	0	0	39	82
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	13	05	98	01	1	518	47	3	1	4	8	0	36	51
Peshawar	Drosh *	035	3	8	00	08	95	30	6	543	40	7	6	6	2	/	36	46
	Cherat *	000	0	0	36	05	98	00	0	515	51	0	0	9	0	0	27	51
	Kakul *	000	0	6	31	03	97	02	2	579	58	5	2	4	0	1	43	60
	Landikotal *	000	0	0	31	05	98	02	0	626	56	0	0	9	0	0	41	60
	Prachinar *	000	0	0	11	03	98	02	0	521	49	0	0	9	0	0	38	56
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	504	64	0	0	9	0	0	34	67
	Wana *	000	0	0	00	00	99	00	0	582	//	0	0	9	0	0	38	//
Quetta	Fort Sandeman *	000	0	3	18	02	98	03	0	510	57	0	0	9	0	1	88	57
	Hindubagh *	000	0	0	23	09	95	05	0	529	54	0	0	9	0	0	45	57
	Loralai *	000	0	0	27	02	98	01	0	395	80	0	1	8	0	6	40	81
	Barkhan *	000	0	0	23	02	58	02	0	455	67	0	0	9	0	0	39	70
	Harnai *	000	0	0	00	00	56	02	0	491	63	0	0	0	0	0	39	62
	Samungli (Quetta) *	000	0	0	32	03	96	02	0	533	46	1	0	9	0	1	24	47
	Chaman *	000	0	0	31	03	96	00	0	541	49	0	0	9	0	0	43	52
	Nushki *	000	0	0	33	05	97	02	0	580	55	0	0	9	0	0	//	61
	Dalbandin *	000	0	0	05	07	97	02	0	539	58	0	0	9	0	0	//	60
Kalat	Kalat *	000	0	0	29	02	96	82	0	496	50	0	0	9	0	0	//	54
	Khuzdar *	000	0	0	21	02	97	03	0	495	67	1	0	9	0	0	//	70
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	4	05	02	97	01	1	153	//	2	4	6	1	1	//	//	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	1	12	06	96	01	0	152	75	1	0	9	0	1	58	62	+ 1	— 3	0.7	— 2.0	92.0	140
	Chittagong	000	0	5	15	02	56	03		154	73	2	0	9	3	1	64	62	— 1	— 1	1.2	— 0.5	105.7	108
	Maijdee Court	000	0	2	00	00	57	02	0	155	70	0	0	9	0	2	58	//		1	0.4	— 0.8	128.5	115
	Comilla	000	0	0	00	00	6	02	0	146	73	0	0	9	0	0	60	69	+ 2	+ 8	0.5	— 0.6	104.2	94
	Brahmanbaria	000	0	4	00	00	97	03	/	155	73	0	0	9	0	4	64	62	—	—	1.3	+ 0.3	55.1	78
	Sylhet	000	0	4	09	05	96	02	0	146	65		5	5	2	1	62	60	—	—	1.5	—	194.7	—
	Srimangal	000	0	0	00	00	56	00	0	152	72	0	0	9	0	0	//	63	— 4	+ 6	1.5	— 0.2	84.5	98
Dacca	Mymensingh	000	0	5	00	00	97	02	1	177	69	5	4	0	0	0	63	61	0	— 2	—	—	—	91
	Narayanganj	003	0	0	00	00	97	00	0	141	79	0	0	9	0	0	67	65	+ 2	+ 1	1.3	+ 0.5	82.2	74
	Dacca (Tejgaon)	000	0	2	09	02	96	05	0	153	75	0	0	9	0	1	56	60	—	—	1.3	—	66.0	—
	Faridpur	000	0	0	00	00	57	00	0	136	73	0	0	9	0	0	70	60		— 1	1.6	+ 0.6	59.5	71
Khulna	Barisal	000	0	4	00	00	96	05	1	149	72	0	0	9	0	3	60	58		— 5	1.0	— 0.4	65.2	81
	Khulna	003	0	0	00	00	97	00	0	158	81	0	0	9	0	0	64	62	+ 4	+ 1	1.4	+ 0.3	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	163	86	1	5	2	1	9	58	63	0	+ 4	0.2	— 0.5	61.7	65
	Jessore	000	0	3	00	60	96	05	0	155	69	1	0	9	3	8	60	58	—	— 3	1.1	+ 0.2	62.5	65
Rajshahi	Pabna	000	0	0	31	02	98	02	1	157	73	0	0	9	0	0	59	61	—	—	1.0	—	66.3	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					—
	Bogra	000	0	5	00	00	96	01	2	153	65	2	0	9	7	8	59	58	— 2	— 3	1.3	+ 0.5	59.6	69
	Dinajpur	000	0	0	00	00	96	00	0	153	58	0	0	9	0	8	58	58	0	— 1	0.8	+ 0.5	95.5	72
	Rangpur	000	0	3	00	00	96	03	0	152	67	3	3	0	8	1	//	62	— 5	+ 2	1.5	+ 1.1	87.5	84
Kashmir	Jammu	000	0	5	34	03	96	03	0	160	62	5	0	9	7	0	45	58	— 2	+ 13	0.0	— 0.1	18.0	19
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	//	00	0	160	58	0	0	9	0	0	45	43	+ 2	— 4	0.0	— 0.1	11.5	32
	Sialkot	000	9	6	31	02	96	02	2	167	59	1	5	7	7	1	38	56	—	—	0.0	—	31.2	—
Rawalpindi	Jhelum																		—					—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					36
	Rawalpindi																							—
	Campbellpur																							15
Sargodha	Khushab	000	0	0	00	00	98	00	0	164	//	0	0	9	0	0	43	49	— 4	+ 2	0.0	— 0.1	7.8	—
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					12
	Lyallpur	000	0	0	00	00	96	00	0	171	56	0	0	9	0	0	49	49	— 5	+ 3	0.0	— 0.1	7.7	10
Multan	Sahiwal	000	0	5	00	00	97	03	0	181	58	1	5	6	7	0	32	53	— 6	+ 4	0.0	0.0	11.3	7
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Leiah																							6
Bahawalpur	Khanpur	003	0	0	36	07	96	02	0	175	56	0	0	9	0	0	30	43	— 10	+ 5	0.3	+ 0.3	1.4	6
	Bahawalpur	003	0	0	00	00	96	00	0	164	//	0	0	9	0	0	//	54	+ 5	+ 6	0.0	— 0.0	2.0	8
	Fort Abbas	///	/	0	05	00	98	00	0	178	62	0	0	9	0	0	49	57	—	—	0.0	—	0.8	—
Peshawar	Chakdra	000	0	1	05	05	98	01	0	182	49	0	0	9	0	0	43	45	—	—	0.0	—	23.2	11
	Peshawar	000	0	2	00	00	97	01	0	192	47	0	0	9	3	0	35	//	— 4	—	0.5	+ 0.6	14.8	—
	Haripur	000	4	7	05	03	97	03	2	184	//	2	0	9	3	0	43	47	—	—	1.0	—	24.0	11
D. I.-Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8					5
Quetta	Sibi	000	0	2	27	03	97	03	1	185	53	0	0	9	2	0	42	46	—	—	0.0	—	0.2	2
	Nokkundi	008	0	0	00	00	97	02	0	295	43	8	0	9	0	0	//	37	—	/	0.0	—	0.3	—
Kalat	Turbat	000	0	0	05	05	96	00	0	044	66	0	0	9	0	0	//	13	—	—	0.0	—	0.2	5
	Jiwani	000	0	0	36	05	56	02	0	177	60	0	0	9	0	0	53	56	—	—	0.0	—	2.0	4
	Pasni	000	0	0	31	10	97	02	0	176	60	0	0	0	0	0	69	//	+ 2	/	0.0	— 0.1	0.0	6
Karachi Division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Lasbela	000	0	0	00	00	58	03	0	165	59	0	0	8	0	0	28	39	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	05	03	97	02	0	160	68	0	0	9	0	0	34	64	+ 1	0	0.0	— 0.1	1.1	—
	Karachi (Airport)	000	0	0	05	02	96	02	0	161	61	0	0	9	0	0	16	56	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	36	02	96	02	0	162	56	0	0	9	0	0	32	52	—	—	0.0	—	0.3	7
	Chhor	000	0	5	34	05	96	05	0	171	61	0	0	9	0	8	34	60	— 8	—	0.0	0.0	6.3	9
	Hyderabad	000	0	0	36	04	97	02	0	144	56	0	0	9	0	0	48	55	—	— 3	0.0	— 0.2	0.3	—
	Badin																							—
Khairpur	Padidan	000	0	0	00	00	96	02	0	181	55	0	0	9	0	0	41	49	—	—	0.0	—	0.8	4
	Nawabshah	000	0	0	31	03	96	02	0	152	56	0	0	9	0	0	41	50	—	—	0.0	—	1.1	—
	Sukkur	000	0	1	31	03	96	02	0	175	55	0	0	9	0	0	47	51	—	—	0.0	—	0.1	4
	Kashmore																							20
	Jacobabad	000	0	0	36	02	96	03	0	180	55	1	0	9	0	0	53	//	— 3	—	0.1	+ 0.1	7.8	26
Junagadh	Veraval																							—
HILL STATIONS																								
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree *	010	0	7	13	07	97	03	/	515	43	3	5	4	0	0	35	40	— 5	0	1.0	— 0.5	41.0	29
Peshawar	Drosh *	000	0	0	00	08	97	02	0	542	38	0	0	9	0	0	32	35	— 18	— 7	—	—	—	—
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 14					—
	Kakul *	000	0	6	13	03	98	03	1	518	49	3	0	9	2	1	35	45	—	—	1.0	—	34.0	29
	Landikotal *	000	0	0	31	05	98	02	0	///	49	0	0	9	0	0	21	35	—	—	0.7	—	13.6	18
	Prachinar *	000	0	0	02	02	98	02	0	539	35	0	0	9	0	8	//	//	— 7	—	0.6	—	22.2	11
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					—
Quetta	Fort Sandeman *	000	0	1	13	02	98	02	0	530	40	0	0	9	0	0	//	36	— 13	—	0.0	— 0.0	6.5	9
	Hindubagh *	000	0	0	27	02	97	02	0	577	30	0	0	9	0	0	33	29	—	—	0.0	—	0.2	—
	Loralai *	000	0	0	27	02	98	00	0	340	45	0	0	9	0	0	35	40	—	—	0.1	—	0.1	14
	Barkhan *	000	0	0	31	02	98	02	0	490	57	0	0	9	0	0	29	52	—	—	0.0	—	1.0	9
	Harnai *	000	0	0	00	00	96	02	0	456	44	0	0	0	0	0	22	//	—	/	0.0	— 0.1	5.6	8
	Samungli (Quetta) *	000	0	0	00	00	96	01	0	558	37	0	0	9	0	0	23	32	—	—	—	—	—	—
	Chaman *	000	0	0	09	03	97	00	0	557	33	0	0	9	0	0	21	31	— 15	— 10	0.0	— 0.0	4.8	4
	Nushki *	000	0	0	09	03	97	02	0	595	45	0	0	9	0	0	//	40	—	—	0.0	—	2.6	7
	Dalbandin *	000	0	0	05	03	97	02	0	543	//	0	0	9	0	0	//	32	— 13	— 4	0.0	— 0.0	0.5	—
Kalat	Kalat *	000	0	0	18	02	97	02	0	537	27	0	0	9	0	0	11	21	— 8	— 8	0.0	— 0.1	2.2	5
	Khuzdar *	000	0	0	20	03	96	02	0	5:7	45	0	0	9	0	0	11	40	—	—	0.3	—	3.5	—
	Panjgur *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 21st NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	$OT_sT_sT_sT_s$	1$T_wT_wT_wT$	3$P_wP_wH_wH_wd$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
S/S Hana	99 2 28	10 5 97	30 1 23	09 9 02	99 0 28	16 7 78	00 0 83		74 5 00		05 2 55	18 3 00	30 2 01	
Dwarka	99 2 46	10 6 57	20 1 83	23 5 06	98 0 20	17 9 24	00 9 02	23 4 01	...		03 8 13	...	30 2 02	06 6 02
Dwarka	99 2 44	10 6 41	20 1 23	23 6 05	98 0 20	15 1 35	00 9 01	23 6 15	...		00 6 10		30 2 01	
Wash City	59 2 29	10 5 97	20 0 03	10 0 05	99 0 20	19 4 27	01 0 00	13 1 27	...		00 7 13	17 7 04	30 1 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $P_0P_0P_0T_0T_0T_0D_0D_0$	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		hhh TTT$_a$ DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	109 178 18	...	470 010 50	118 110 58	586 057 11	755 169 59	964 333 58	236 553 3/	...	...	...	...	...
Dacca ...	00 00	012 118 25	...	440 084 36	110 078 56	576 085 58	...	955 343 50	231 .61 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	011 220 41	...	500 120 23	059 010 / /	572 145 //	738 235 //	942 391 //	209 551 //	...	...	...	...	...
Multan ...	00 00	991 083 58	...	500 104 40	030 015 56	570 150 //	732 295 //	933 385 //	203 151 //	...	...	...	...	...
Peshawar ...	00 00	975 088 58	...	400 100 59	040 005 60	564 191 / /	727 281 / /	937 472 / /	197 481 / /	...	...	...	...	...
Quetta ...	00 00	824 025 06	...	...	172 035 / /	565 199 / /	729 250 / /	934 339 //	201 490 / /	...	...	...	...	...
Sargodha ...	00 00	993 /// / /	...	480 084 58	063 031 57	561 125 11	...	901 485 11	167 545 11	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										$P_mP_mP_m$ d_md_m $f_mf_mf_m$	$P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 130 50	830 097 58	600 038 58	—	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 128 41	830 078 50	[illegible] 020 50	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 020 //	600 230 15	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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)										
STATION 1	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	300 08	310 07	315 09	300 13	285 19	270 23				033 05	335 05	335 12				240 02	303 03	330 05	333 09	355 13	360 16					
Bogra ...	280 05	280 04	295 04	275 02	265 07	255 08				170 02	160 02	020 03	310 01	315 15	290 18	120 02	120 02	120 03	305 10	305 08	290 09	281 26				
Chaklala ...		285 09	285 04	165 11	140 17	155 19	240 23	250 41									305 08	235 12	325 13	310 06	210 06	250 09	260 31	260 47		
Chhor ...	340 07	440 06	340 06	045 07	235 08	275 11	250 24	250 27	250 33	033 18	005 09	310 11	289 08	245 15	195 07	035 14	030 14	030 13	270 07	265 10	265 12	250 13	250 29	245 34		
Chittagong ...	335 08	335 09	325 08	327 07	315 11	305 17										280 03	175 02	280 01	270 02	300 15	265 21	250 38	260 40	265 41		
Cherat ...																										
Cox's Bazar ...	340 16	360 14	360 09	360 10	005 07					360 08	350 11	3 5 12	315 10	305 12	270 17	315 09	315 08	315 08	305 15	305 15	270 32	265 25	285 22	235 33	
Dacca ...	345 03	320 02	265 02	275 05	275 11					080 06	090 08	090 05		2 0 27		260 05	220 05	210 03	205 02	3 5 05	315 21	285 33	265 41	270 36		
Dalcandin ...			075 88	035 12	010 16	330 19	270 31	260 47	255 44			080 05	160 03	225 03	230 16			075 08	055 21	035 22	030 09	305 1.	325 14	320 21		
D.I. Khan ...	350 06	005 08	010 09	100 08	315 07	265 08	210 23	255 25	265 33	340 06	035 10	030 10	115 06	260 04	220 03	325 13	320 17	355 12	359 08	320 17	325 15	295 24	265 24	265 34		
Drosh ...													280 01	355 01	285 05											
Fort Sandeman ...				155 04	315 04	350 08	285 19	285 07	280 26				350 02	315 08	330 19				295 06	270 04	315 07	340 25	320 23	280 32		
Gilgit ...													105 01	270 02	185 09											
Ishurdi ...																										
Jacobabad ...	350 02	025 02	025 02	270 16	065 05	250 47	275 28	214 39	255 40	090 01	085 07	050 07	045 05	025 05	355 09	310 03	305 10	330 10	330 13	015 16	025 13	270 22	270 25	245 33		
Jessore ...										330 04	320 08	320 11	310 21	325 34	305 2.	250 03	280 06	280 10	315 19	320 27	310 25	275 29	285 35	270 37		
Jhelum ...	295 07	270 09	225 04	185 09	215 12	215 20	240 23		260 44	300 12	300 06	300 09	185 10	215 15	190 17	320 0	315 14	315 11	215 08	210 10	205 08	245 26	250 37	255 47		
Jiwani ...	030 07	020 05	005 08		355 10					025 24	020 24	010 19	015 11	0.0 10	295 10	030 17	050 17	050 13	325 10	315 07	300 09	085 20	280 36	270 34		
Karachi ...	225 07	240 01	025 0.	035 05	015 07	270 07	240 29	260 31	255 33							055 09	550 12	040 12	065 07	010 05	300 10	265 12	250 31	245 37		
Khanpur ...	030 15	135 09	035 19	055 23	085 10	1 5 08	200 8/	0.0 20	005 19	345 12	350 12	005 13	033 13	025 13	359 18	040 20	035 23	030 25	025 30	031 3	355 06	360 17	350 21	285 15		
Khuzdar ...				280 03	320 05	290 14	255 27	250 37	255 41				350 06	005 0.	24. 06											
Lahore ...	355 04	340 05	340 03	055 85	115 02	20 01	220 09	230 04	265 18	355 12	345 14	330 12	330 08	315 07	280 04	045 08	325 5.	305 11	285 08	255 08	230 10	260 24	255 35	245 41		
Multan ...	010 20	005 26	005 08	330 23	240 10	195 17	265 04	265 11	260 16	360 11	010 03	360 06	310 03	295 08	265 16	010 13	010 21	005 15	345 08	345 06	295 16	300 32				
Nawab Shah ...	340 04	255 10	305 10	275 12	265 08	270 17	260 29	245 44		335 11	340 10	350 08	045 09	341 14	240 14	015 06	040 14	1/ / /	020 09	335 06	275 14					
Nokkundi ...			280 02	280 05	340 08	320 13	270 20	249 40	260 38			170 09	220 12	250 12	245 15			170 09	160 08	260 05	080 03	065 06	075 09	060 14		
Panjgur ...																										
Peshawar ...		330 07	310 06	325 04	275 03	230 03	255 11	245 38	235 42		310 06	305 09	345 11	330 11	340 08		080 04	335 06	301 12	290 16	300 12	295 16	285 08	270 39		
Parachinar ...				185 03	150 08	260 52	275 17		260 68											330 06	345 19	310 13	325 24	320 30		
Quetta ...					305 12	330 08	275 29	275 48	265 46											255 09	285 12	210 22	260 33	250 35		
Sargodha ...	010 04	360 05	355 04	230 12	215 15	195 19	254 27	165 55	263 99	345 13	305 81	300 10	335 09	235 07	240 12	350 03	355 04	340 05	295 06							
Skardu ...											No	Ascent							290 13							
Sylhet ...	300 06	300 05	280 03	265 03	250 05	235 25				095 07	100 02	295 01	060 03		100 02	135 03	185 02	205 02	075 04	105 02	255 04	175 15				
Veraval ...																										

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	005 13	005 11	355 10	315 06	305 06	240 06	250 15	250 22	253 37	...	...	...	...	...	...	...	...	...
Multan ...	015 12	030 10	020 10	315 06	300 00	290 14	270 32	260 42	270 22	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

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

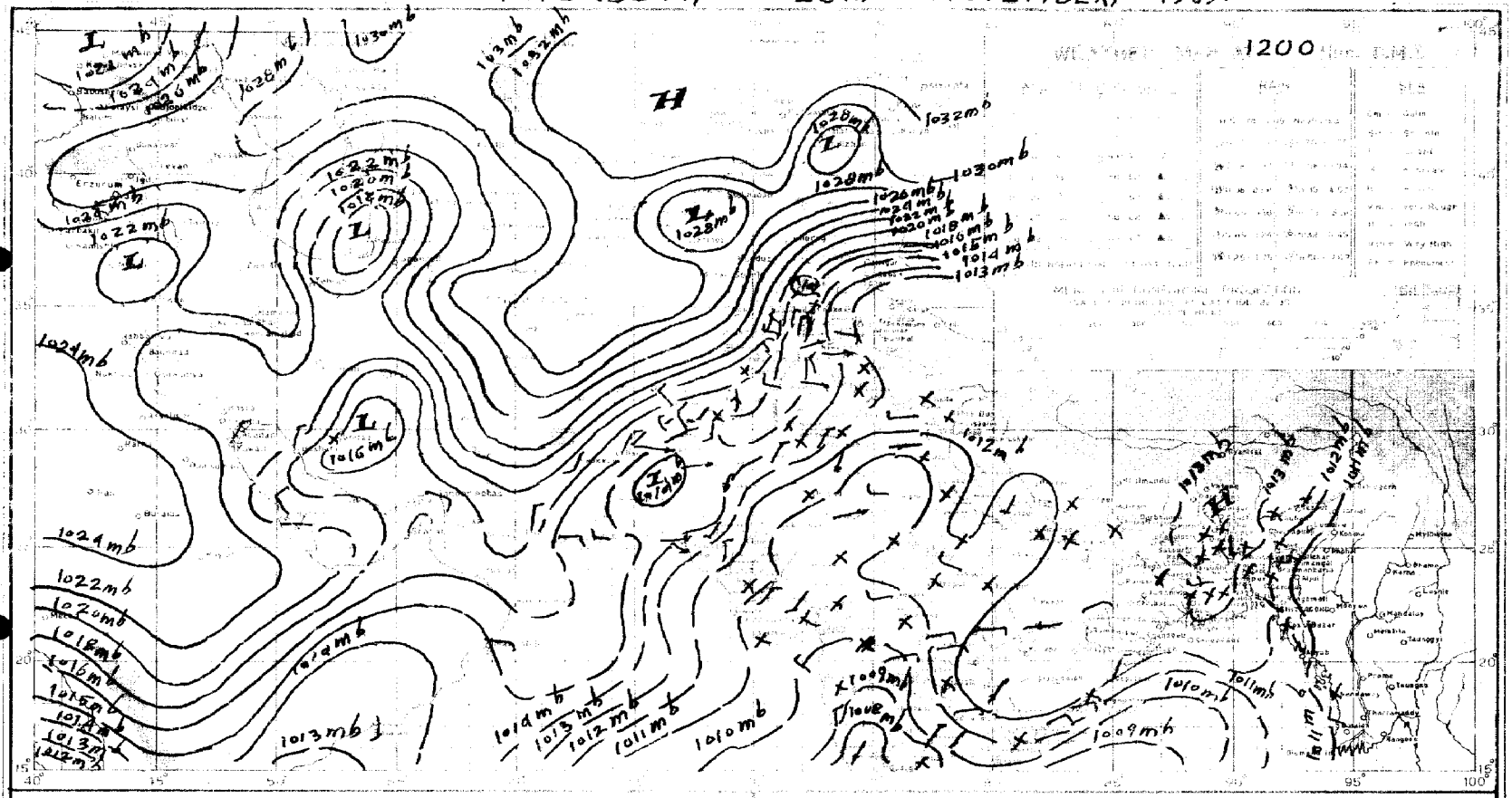
† The actual time of observations may vary within half an hour of the specified time.

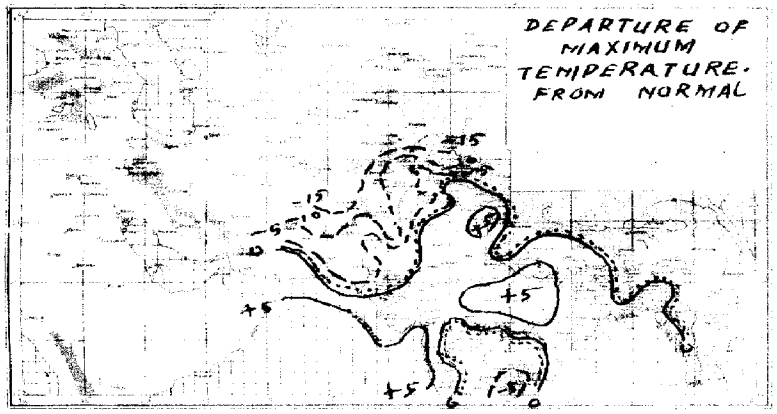
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

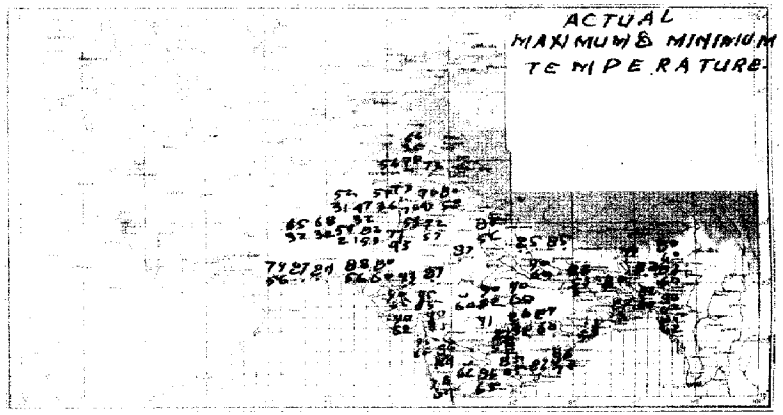
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 20th NOVEMBER, 1969.





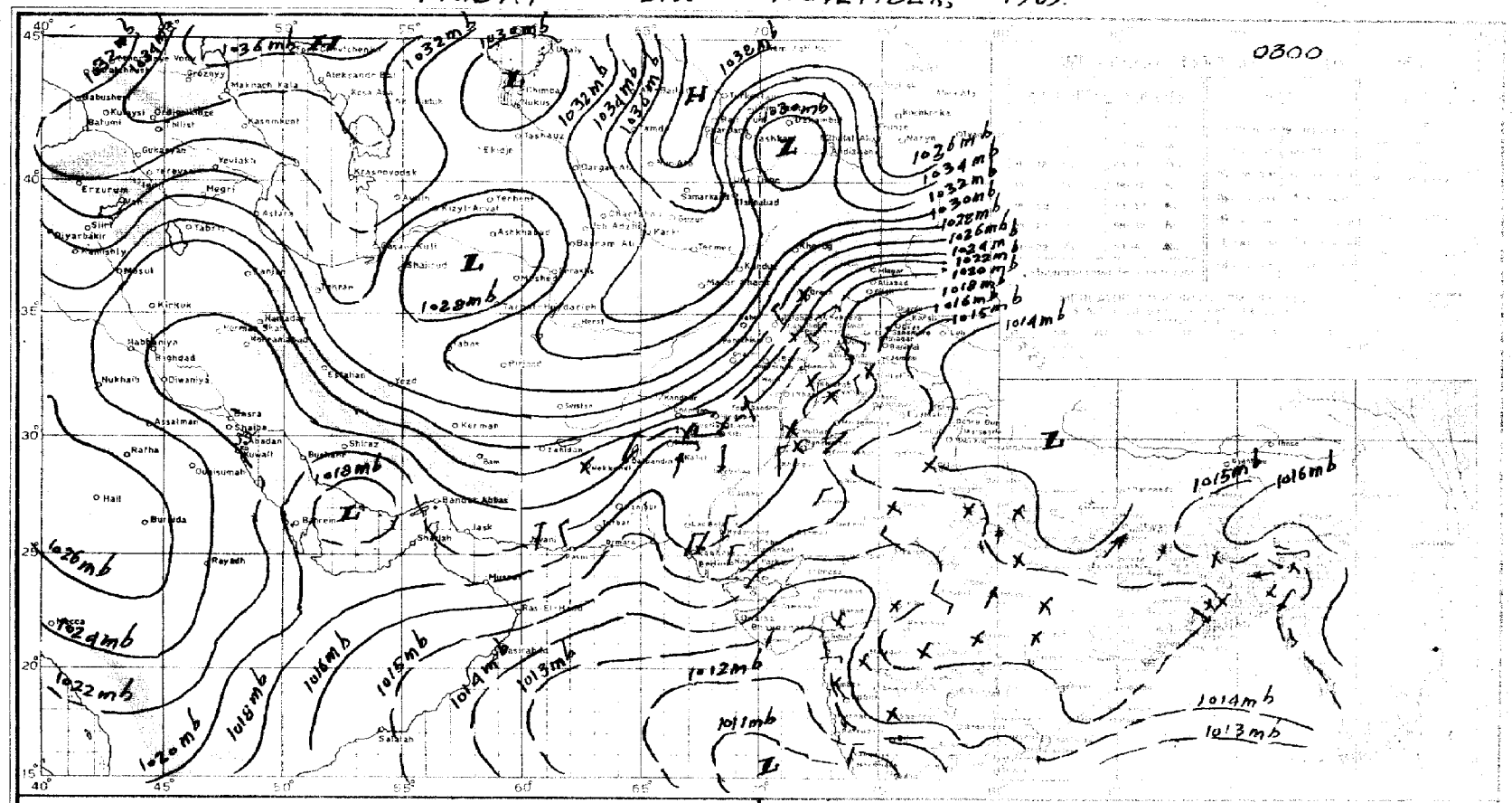


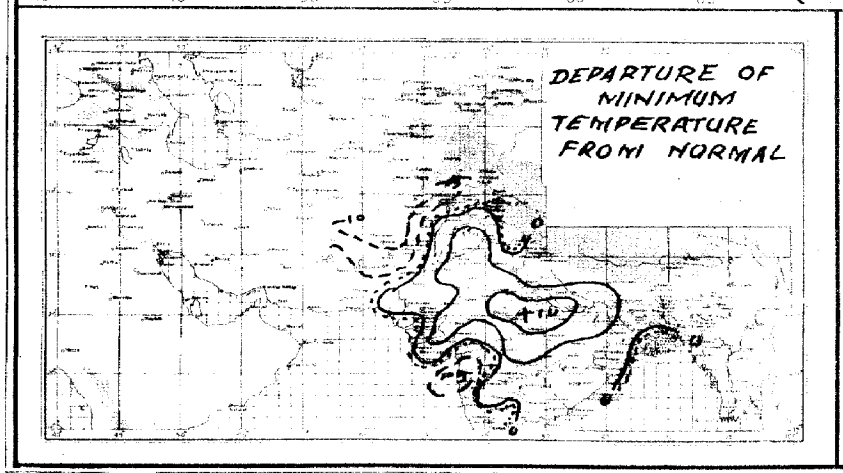
REG. No. 1024-RWXO'6-5000'63-5,000'67.

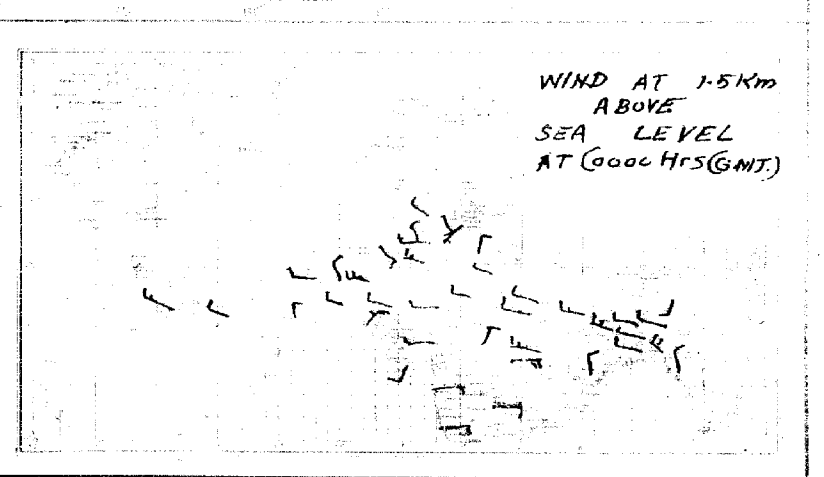
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st NOVEMBER, 1969.







REG. No. 1740 (WXP/I-500/Jan. 5000/67)

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 22nd NOVEMBER 1969.

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

Yesterday's western disturbance over east Russian Turkistan moved away eastwards. Dry continental air continues to prevail over west Pakistan.
The westerly low pressure wave now lies over west Bengal and adjoining East Pakistan.
A well marked low pressure area has developed over west central Bay of Bengal.
Weather remained dry over the country.
Night temperatures were 8—11 °F (4—6 °C) below in Quetta and Kalat divisions and 3—7 °F (2—4 °C) so in Chittagong, Sargodha, Bahawalpur Peshawar Hyderabad and Khairpur divisions and were 3—8 °F (2—4 °C) above normal in Khulna division.

Forecast valid until the evening of 23rd November 1969 :—Rain/thundershowers will be scattered in Khulna and Rajshahi divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 22st November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to date	Departure from normal	Since 1st January, 1969 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	3	36	02	95	01	0	129	76	3	6	7	7	0	29	91	000	0	3	31	02	97	01	0	171	71	0	0	8	3	0	59	65	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	2	31	06	//	02	0	114	76	2	0	9	3	1	60	85	000	0	0	00	00	97	02	0	164	75	0	0	9	0	0	59	63	+ 1	— 2	0.7	— 2.1	91.9	140
	Chittagong	000	0	4	31	02	//	02	2	153	73	4	0	9	0	4	60	82	000	0	4	05	02	96	01	2	159	73	0	0	9	3	0	62	60	0	— 3	1.2	— 0.6	105.7	108
	Maidee Court	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	5	00	00	96	03	2	146	64	2	5	5	2	1	59	60	—	— 4	0.4	— 1.0	128.6	115
	Comilla	000	0	0	00	00	96	02	0	118	77	0	0	9	0	0	63	82	000	0	5	00	00	96	02	0	148	75	5	4	7	0	0	69	70	— 1	+ 9	0.5	— 0.7	104.2	94
	Brahmanbaria	000	0	4	00	00	//	03	1	121	73	0	0	9	0	4	68	82	000	0	6	00	00	96	03	1	161	69	6	0	9	4	0	64	63	—	—	1.3	+ 0.3	55.1	78
	Sylhet	000	0	3	00	00	97	02	1	119	70	3	4	5	0	0	64	78	000	0	4	05	05	96	01	1	162	69	0	0	9	3	0	62	62	—	—	1.5	—	149.7	—
	Srimangal	000	0	0	00	00	//	00	0	120	68	0	0	9	0	0	68	82	000	0	0	00	00	96	00	0	159	69	0	0	9	0	0	62	56	— 3	— 1	1.5	+ 0.2	84.5	98
Dacca	Mymensingh	000	0	2	00	00	//	01	1	123	70	2	4	5	0	0	69	//	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	...	...	—	—	—	—	—	—
	Narayanganj	000	0	2	05	01	//	01	1	125	76	2	6	3	//	1	60	85	000	0	8	09	02	97	02	2	159	73	8	6	4	7	1	64	64	0	0	1.3	+ 0.4	82.2	91
	Dacca (Tejgaon)	000	0	5	00	00	96	02	2	119	73	4	0	9	6	1	60	82	000	0	6	00	00	95	10	4	156	73	6	0	9	4	0	62	62	— —	—	1.3	—	65.9	74
	Faridpur	000	0	0	00	00	93	00	0	125	76	0	0	9	0	0	56	80	000	0	6	00	00	96	02	2	134	75	4	4	5	1	0	69	62	— 1	+ 1	1.6	+ 0.6	59.5	71
Khulna	Barisal	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	00	00	96	10	3	154	73	3	4	4	1	0	65	63	—	0	0.9	— 0.5	65.2	81
	Khulna	000	0	0	00	00	//	00	0	107	76	0	0	9	0	0	72	87	000	0	4	00	00	97	03	0	152	75	0	4	4	0	0	69	69	+ 5	+ 8	1.4	+ 0.3	74.5	68
	Satkhira	000	0	0	00	00	//	00	0	130	73	0	0	9	0	0	64	80	000	0	5	00	00	99	03	0	156	73	5	3	6	1	6	73	65	— 4	+ 6	0.2	— 0.6	61.7	65
	Jessore	000	0	6	00	00	96	02	2	116	76	2	0	9	3	6	60	85	000	3	7	36	02	96	05	4	151	73	7	0	9	4	0	66	64	+ 3	— 3	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	3	05	02	98	01	1	145	73	3	9	9	3	0	62	//	—	—	1.0	—	66.3	59
	Sirajganj	000	0	4	00	00	//	02	2	142	73	4	4	6	0	0	72	80	000	0	4	18	02	98	02	2	157	73	4	0	7	4	0	60	62	— 1	+ 1	0.4	— 0.3	56.6	64
	Rajshahi	000	0	5	00	00	96	02	1	117	73	0	0	9	2	0	67	82	000	0	0	00	00	95	03	1	161	73	6	5	5	2	1	62	64	— —	—	3.0	—	70.3	—
	Bogra	000	0	4	00	00	//	03	1	117	72	2	8	5	3	1	60	80	000	0	6	09	02	96	02	2	156	73	2	8	5	3	0	64	61	— 1	0	1.1	+ 0.3	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	113	73	0	0	9	0	0	60	82	000	0	0	00	00	96	00	0	166	73	0	0	9	0	0	62	59	+ 1	0	0.8	+ 0.5	95.5	72
	Rangpur	000	0	2	00	00	96	03	0	114	70	2	0	9	1	0	64	77	000	0	3	00	00	96	03	0	152	69	3	0	9	3	0	60	68	— 4	0	1.5	+ 1.1	87.5	84
Kashmir	Jammu	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lahore	Lahore (Ist Pd.)	000	0	1	00	00	95	05	1	135	72	1	0	9	3	0	45	76	000	0	0	00	00	95	05	0	184	49	0	0	9	0	0	26	45	— 4	0	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	97	00	0	///	76	0	0	9	0	0	67	86	000	0	0	00	07	92	00	0	218	56	0	0	9	0	0	49	35	+ 9	— 13	0.0	— 0.1	11.5	31
Rawalpindi	Jhelum	000	0	0	31	03	96	02	1	134	72	0	0	9	0	0	38	78	000	0	0	00	00	97	02	0	186	52	0	0	9	0	0	38	45	—	—	0.0	—	31.2	—
	Islamabad	000	0	0	27	03	99	00	0	140	64	0	0	9	0	0	47	70	000	0	0	00	00	97	00	0	204	41	0	0	9	0	0	40	40	— 4	— 2	0.2	0.0	33.6	—
	Rawalpindi	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	36
	Campbellpur	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	00	//	97	06	0	138	76	0	0	9	0	0	63	78	000	0	0	00	00	98	00	0	185	60	0	0	9	0	0	49	46	—	— 1	0.0	— 0.1	7.8	15
	Sargodha	000	0	0	36	03	97	02	0	141	72	0	0	9	0	0	47	82	000	0	0	27	02	97	02	0	186	41	0	0	9	0	0	35	40	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	96	00	0	137	72	0	0	9	0	0	49	76	000	0	0	00	00	96	00	0	182	47	0	0	9	0	0	36	41	—	— 5	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	0	00	00	96	02	0	146	72	0	0	9	0	0	47	77	000	0	0	00	00	97	02	0	194	49	0	0	9	0	0	25	38	—	—	—	—	—	18
	Multan	000	0	8	36	01	92	02	2	134	85	0	0	9	0	8	38	87	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	— 3	— 11	0.0	0.0	1.3	7
	Leiah	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	36	02	97	02	0	147	76	0	0	9	0	0	40	77	000	0	0	00	00	96	02	1	180	49	0	0	9	0	0	32	43	—	—	—	—	—	—
	Bahawalpur	000	0	0	00	00	96	00	0	139	82	0	0	9	0	0	//	90	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	— 6	— 6	0.3	+ 0.3	1.4	6
	Fort Abbas	///	/	0	00	00	97	02	0	152	82	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	182	56	0	0	9	0	0	38	52	+ 9	—	—	—	—	0.9	6
Peshawar	Chakdara	000	0	0	36	02	98	02	0	137	64	0	0	9	0	0	45	64	000	0	3	05	07	98	03	0	183	47	0	0	9	0	4	36	41	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	00	00	97	02	0	157	67	0	0	9	0	0	53	73	000	0	2	00	00	97	06	1	207	47	1	0	9	3	1	27	43	— 0	— 3	0.5	+ 0.5	14.8	11
	Haripur	000	0	0	23	02	97	00	0	150	67	0	0	9	0	0	49	68	000	0	0	05	03	97	00	0	194	50	0	0	9	0	0	43	45	—	—	0.9	—	33.9	—
D.I. Khan	Bannu	000	0	2	03	02	99	01	1	155	70	0	0	9	2	0	40	73	000	0	5	09	03	98	02	1	159	49	0	0	9	6	4	27	41	—	—	0.5	—	3.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	151	73	0	0	9	0	0	36	76	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	— 3	—	—	—	—	—	9
Quetta	Sibi	000	0	0	23	03	97	02	0	150	81	0	0	9	0	0	48	83	000	0	0	00	00	97	02	0	168	44	0	0	9	0	0	42	42	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	13	02	97	02	0	180	67	0	0	9	0	0	07	69	000	1	0	00	00	96	02	0	256	37	0	0	9	0	0	09	35	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	017	78	0	0	9	0	0	01	78	000	0	0	05	05	96	00	0	037	63	0	0	9	0	0	02	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	0	18	05	96	02	0	144	78	0	0	9	0	0	29	82	000	0	0	36	08	96	02	0	167	56	0	0	9	0	0	47	55	—	—	0.0	—	2.0	5
	Pasni	000	0	0	11	04	97	02	0	154	80	0	0	0	0	0	61	80	000	0	0	31	06	97	02	0	166	59	0	0	0	0	0	40	//	— 2	/	0.0	— 0.1	0.0	6
Karachi division	Ormara	000	0	0	//	05	96	00	0	146	79	0	0	9	0	0	76	82	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	6
	Lasbela	000	0	2	00	00	98	02	0	128	67	0	0	9	0	0	55	90	000	0	0	00	00	99	00	0	175	53	0	0	8	0	0	42	40	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	05	03	97	05	0	137	79	0	0	9	0	0	44	85	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	8
	Karachi (Airport)	000	0	0	09	05	96	02	0	128	81	0	0	9	0	0	27	84	000	0	0	05	05	96	02	0	166	59	0	0	9	0	0	26	54	+ 3	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	150	67	0	0	0	0	0	64	92	...	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Chhor	000	0	0	36	03	96	02	0	157	80	0	0	9	0	0	29	80	000	0	0	00	00	96	02	0	164	57	0	0	9	0	0	30	52	—	—	0.0	—	0.3	7
	Hyderabad	000	0	0	31	05	97	02	0	144	71	0	0	9	0	0	30	80	000	0	0	34	03	97	03	0	175	49	0	0	9	0	0	35	58	— 5	+ 1	0.0	0.0	6.3	9
	Badin	000	0	0	36	12	97	02	0	130	81	0	0	9	0	0	86	82	000	0	0	36	04	97	02	0	148	54	0	0	9	0	1	25	53	— 5	— 5	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	36	03	96	03	0	147	75	0	0	9	0	1	34	79	000	0	0	36	03	96	03	0	181	50	0	0	9	0	0	34	43	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	36	05	96	02	0	150	77	0	0	9	0	0	47	81	000	0	0	36	03	96	02	0	173	51	0	0	9	0	0	42	46	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	31	02	96	02	0	145	77	0	0	9	0	0	42	80	000	0	0	23	03	96	02	0	182	55	0	0	9	0	0	47	51	—	—	0.0	—	0.1	—
	Kashmore	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
	Jacobabad	000	0	0	27	02	97	02	0	139	79	0	0	9	0	0	27	80	000	0	0	27	02	96	02	0	184	50	0	0	7	0	0	33	47	— 2	— 5	0.1	+ 0.1	2.8	—
Junagadh	Veraval	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20
	HILL STATIONS																																									24
Kashmir	Srinagar																																									—
	Gulmarg																																									71
	Sonamarg																																									26
	Dras																																									—
	Leh																																									3
	Skardu																																									6
	Misgar																																									—
	Aliabad																																									—
	Gilgit																																									5
Rawalpindi	Murree	000	0	0	23	03	98	00	1	504	47	0	0	9	0	0	32	54	000	0	0	05	14	98	00	0	527	43	0	0	9	0	0	23	38	0	— 2	0.9	— 0.5	41.0	39
Peshawar	Drosh	000	0	3	00	00	97	02	0	524	47	1	1	7	4	0	40	59	000	0	0	00	00	97	02	0	//	//	0	0	9	0	0	27	36	— 3	— 6	0.3	—	15.6	29
	Chitral	000	0	0	36	03	98	00	0	505	54	0	0	9	0	0	25	60	000	0	0	36	02	98	00	0	526	47	0	0	9	0	0	12	45	— 3	— 2	0.6	+ 0.5	15.0	—
	Kakul	000	0	1	16	03	98	01	1	508	50	1	1	7	0	0	41	63	000	0	0	36	02	98	01	0	530	47	0	0	9	0	0	30	43	— —	—	1.0	—	33.9	—
	Lendikotal	000	0	0	31	02	98	02	0	530	60	0	0	9	0	0	59	60	000	0	4	31	05	98	01	0	///	45	4	3	9	0	0	13	35	— —	—	0.7	—	13.7	29
	Parachinar	000	0	0	00	00	98	02	0	513	58	0	0	9	0	0	32	64	000	0	0	05	05	//	02	0	523	37	0	0	9	0	0	//	//	+ 3	/	0.6	—	22.2	13
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	517	70	0	0	9	0	0	70	72	000	0	0	05	05	99	00	0	513	43	0	0	9	0	0	20	35	—	—	0.0	0.0	2.0	11
	Wana																																									11
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	514	62	0	0	9	0	0	//	63	000	0	1	00	00	98	02	0	527	38	0	0	9	0	0	20	29	— 4	— 9	0.0	0.0	6.5	—
	Hindubagh	000	0	7	23	05	95	03	0	522	58	7	2	4	0	0	30	60	000	0	0	00	00	97	02	0	576	41	0	0	9	0	0	23	27	— —	—	0.0	—	0.2	—
	Loralai	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	27	02	98	00	0	590	55	0	0	9	0	0	45	45	— —	—	0.1	—	0.1	9
	Barkhan	000	0	0	23	05	97	02	0	453	59	0	0	9	0	0	45	64	000	0	0	31	05	97	02	0	650	5-	0	0	9	0	0	06	47	— —	—	0.0	—	0.9	14
	Harnai	000	0	0	00	00	96	02	0	500	66	0	0	9	0	0	33	//	000	0	0	10	00	96	02	0	561	43	0	0	9	0	0	07	//	— —	—	0.0	— 0.2	5.7	9
	Samungli (Quetta)	000	0	0	31	09	96	02	0	530	52	0	0	9	0	0	21	57	000	0	0	00	00	96	03	0	553	19	0	0	9	0	0	14	14	— 4	— 19	0.1	—	3.2	8
	Chaman	000	0	2	07	03	97	00	0	544	56	0	0	9	0	0	19	57	000	0	0	09	03	97	00	0	557	33	0	0	9	0	0	21	32	— 9	— 9	0.0	— 0.1	4.8	—
	Nushki	000	0	8	31	03	97	02	0	584	59	0	0	9	0	0	15	56	000	0	0	00	00	97	02	0	579	38	0	0	9	0	0	05	34	— —	—	0.0	—	2.7	4
	Dalbandin	000	0	0	05	07	96	02	0	542	60	0	0	9	0	0	18	62	000	0	0	00	00	97	02	0	517	29	0	0	9	0	0	10	25	— 9	— 11	0.0	— 0.0	0.5	7
Kalat	Kalat	000	0	0	31	03	97	02	0	492	51	0	0	9	0	0	12	56	000	0	0	18	03	97	02	0	525	32	0	0	9	0	0	21	20	— 5	— 9	0.0	— 0.1	2.2	—
	Khuzdar	000	0	1	13	02	97	01	0	506	65	0	0	9	0	0	02	70	000	0	0	00	00	93	02	0	519	46	0	0	9	0	0	//	39	— —	—	0.3	—	3.5	5
	Panjgur	000	0	0	36	07	96	02	0	523	61	0	0	9	0	0	//	63	000	0	0	05	05	96	02	0	520	39	0	0	9	0	0	07	36	— 8	— 5	0.0	—	0.2	—

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 22nd NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
President Adams	99 2 02	10 7 10	21 0 03	20 1 14	98 0 10	10 5 26	24 5 / /		74 5 00		0 / / 20	12 8 97	30 3 03	...
President Adams	99 2 14	10 6 95	21 0 63	03 3 10	98 0 20	13 9 27	00 0 00		74 4 00		0 / / 12	12 8 32	30 2 01	03 0 00
President Adams	99 2 28	10 6 81	21 1 23	03 1 16	89 7 05	11 9 25	/ / / / /		75 5 00		0 / / 12	12 7 26	30 4 05	02 7 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 166 08	...	480 114 28	105 066 46	580 091 50	749 201 20	957 129 36	229 551 / /	407 727 / /	642 889 / /	...	...	...
Dacca ...	00 00	011 [illegible]	...	480 154 59	134 140 61	587 065 59	7.9 161 58	97. 105 59	243 157 / /	421 707 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 150 65	...	490 150 16	139 030 / /	581 101 / /	750 191 / /	953 425 / /	217 541 / /	400 561 / /	658 571 / /	...	...	...
Multan ...	00 00	003 030 30	...	501 070 00	053 021 / /	559 181 / /	733 250 / /	929 325 / /	219 435 / /		...	...	...	...
Peshawar ...	00 00	976 072 59	...	490 112 60	132 007 59	576 137 / /	741 273 / /	942 415 / /	208 945 / /	539 579 / /	...	...	...	—
Quetta ...	00 00	823 006 59	...	/// /// //	071 063 / /	564 189 11	/// 253 11	932 343 / /	...	...	...	...	...	...
Sargodha ...											—	...	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TT T_a DD)									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tP_tP_tT_tT_tT_{at}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	580 128 42	830 100 29	600 004 56	595 005 00	350 255 / /	125 255 39	...	...	...	240 310 63	...	...
Dacca ...	00 00	900 172 53	830 106 58	600 054 60	555 000 59	350 223 59	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...							...	...	132 281 05	...	
Multan ...	00 00		...	—	...	...	...	...	...	...		...	
Peshawar ...	00 00	900 136 60	...	...	...	...	...	...	...	...	173 270 93	...	...
Quetta ...	00 00	800 013 / /	600 127 / /	350 343 / /	...	...	...	...	...	...	...	...	...
Sargodha ...					...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	310 04	300 10	310 10	320 19	230 23	290 24	..	...	...	235 02	255 03	230 07	310 17	315 13	...	150 01	205 02	315 04	320 12	315 15	250 19	280 27	...	—	...	...
Bogra ...	360 02	340 02	360 01	275 06	265 12		...	...		135 05	170 01	315 02	100 04	...		130 05	180 03	240 02	285 10	270 11				...	...	...
Chaklala ...	...	310 07	330 06	335 03	310 07	300 08	280 29	275 40	265 41	...	035 01	325 05	340 05	360 06	355 13		165 04	250 12	190 04	/// /	265 06	/// //	275 31	270 39		...
Chher .	020 15	035 15	030 13	040 09	010 03	360 05	230 09	295 13	295 13	055 27	050 22	065 15	020 07	335 03	230 02	055 17	060 25	055 26	030 18	135 07	225 09	220 06	225 15	265 11	270 34	...
Chittagong —	300 08	310 05	005 04	320 07	285 11	270 23	...	—	..	...	...	...	...	...	...	310 03	305 06	320 10	335 14	310 33	250 18	285 34	255 33	235 51	...	—
Cherat ..	...		...	...	...		..	...	...	...	...		...	...	...					...		...	...	...	...	...
Cox's Bazar —	325 09	325 08	330 07	345 08	330 17	310 17	...	...	..	025 13	025 12	015 13	345 14	125 27	320 34	345 09	330 11	340 12	350 19	345 27	340 12	210 27	280 21	295 27	265 34	290 45
Dacca —	350 03	295 02	280 03	270 04	285 09	315 17	310 31			030 10	350 12	290 11	290 12	290 17	295 31	165 03	240 02	320 08	310 12	255 16	290 22					
Dalbandin .		...	075 16	055 19	030 25	320 19	315 09	345 09	335 17		...	070 01	105 06	135 11	150 23	...	...	075 08	255 16	060 12	230 05	255 16	210 05	295 35	250 54	260 79
D. I. Khan ..	355 04	005 06	/// //	325 11	315 13	295 14	315 15	290 21	280 22	310 03	340 02	350 04	015 07	035 12	050 07	...	...	...	—	...	—	...	...	...	...	...
Drosh .	...	...	...	255 03	225 01	200 02	240 04	140 04	150 06	...		...	020 01	050 30	050 2/	...	...	...								
Fort Sandeman —	..	..	...	010 01	275 27	325 13	..	...		...	...	..	215 01	380 02	245 08	...	...	..	255 06	225 10	200 10	215 25	220 31	230 30	250 23	250 29
Gilgit ...	...	...	...	275 05	255 02	255 04	005 03	/// //	050 05				...	...	...	..	...			...	...	...	...	...	...	...
Ishurdi ...	295 05	295 07	300 10	300 17	315 21	315 32	...			135 06	140 02	305 06	310 08	...	...	160 01	165 03	280 01	305 07	290 14	...	...	...	...	...	...
Jacobabad —	340 04	335 07	345 08	040 09	040 11	030 25	355 14	275 28	250 29	090 07	085 04	030 00	330 07	020 05	070 02	085 08	090 15	080 09	080 03	015 06	080 03	190 13	205 16	210 16	240 25	270 42
Jessore ..	340 06	310 06	/// //	310 04	315 07	320 10	...		...	225 07	300 02	320 05	320 10	310 17	295 23	140 03	250 02	315 02	245 07	275 10	270 20	290 17				
Jhelum —	300 07	320 08	330 08	225 03	180 02	270 06	275 25	275 37	270 44	315 11	330 13	330 03	100 04	345 09	285 10	310 06	330 09	315 03	185 06	270 04	250 10	265 27	210 35	265 41	265 60	260 73
Jiwani ..	170 05	005 03	360 07	340 13	295 06	285 10	285 10	285 25	280 29	020 15	055 15	025 10	015 07	050 09	280 //	050 12	070 09	070 08	095 04	215 05	285 05	255 12	270 19	265 21	255 34	...
Karachi —	060 19	050 25	050 25	035 13					...	—	...		...	...	...	055 09	070 15	070 13	060 06	125 05	240 08	340 06		...		...
Khanpur ..	030 13	025 13	025 10	025 08	023 05	355 10	/// //	260 40	/// //	...	..	..				055 07	055 10	055 12	060 21	060 18	070 13	075 13	205 09	205 17	210 37	255 41
Khuzdar ...	...	...	...	150 07	055 08	010 11	280 24	275 33	270 29	...	...		340 03	335 06	335 //			...			...		...			
Lahore ..	325 06	325 08	325 08	290 04	275 06	255 08	250 06	285 18	265 20	325 09	335 09	355 06	345 04	335 12	320 04	360 08	010 12	035 14	055 07	350 03	265 06	265 15	265 21	265 25	265 40	265 54
Multan ...	030 10	020 11	020 13	005 12	010 11	010 11	295 21	280 22	280 25	020 08	030 08	045 13	020 08	330 03	280 04	355 07	360 13	015 17	030 18	060 13	095 02	270 14	235 24	/// //	260 18	255 38
Nawab Shah ..	010 09	025 02	040 09	010 09	295 09	285 13	260 34	255 51	260 56	055 32	040 12	040 09	030 08	130 03	185 05	045 10	040 11	045 10	060 09	215 01	225 10	260 17	260 27	255 30	270 48	—
Nokkundi ..	...	...	110 02	035 09	020 02	355 04	310 13	280 22	275 23	...	...	195 03	020 05	210 05	220 06	...	...	245 03	050 03	090 01	240 02	250 18	250 32	255 34	250 31	...
Panjgur ...	—			040 14	050 12	350 04	295 14	290 19	300 26	...			045 12	020 14	015 21	...		...	050 09	235 01	195 08	260 19	260 28	260 33	265 55	260 63
Peshawar ...	...	335 06	285 07	290 09	310 07	305 19	295 31	270 41	270 44	...	195 04	265 07	315 15	325 17	330 02	...	090 02	320 02	310 11	315 08	295 15	260 29	260 37	260 41	260 54	245 48
Parachinar ...	...	...	...	200 06	170 07	305 25	320 10	290 55	290 50	...	...	...	...	..	...	...	...	—	...							—
Quetta ...	...			...	305 09	005 05	300 11	305 16	295 23											175 06	210 10	235 14	235 29	240 22	260 42	...
Sargodha ...	345 08	005 09	355 00	005 08	335 12	305 09	285 26	285 25	280 33	330 10	345 13	005 13	100 04	315 10	285 12	330 06	305 12	010 10	350 05	315 07	290 11	280 21	250 21	280 25	265 27	...
Skardu ...	...			260 02	195 03		—	...	...	...	—	...	185 07	/// //	...				185 04	175 03						
Sylhet ...	295 08	295 04	310 07	115 06	165 06	300 07	..	—	..	100 08	100 03	125 01	110 03	205 06	290 32	090 12	095 04	080 06	070 06	240 06	015 13	285 43	275 37	275 41	270 62	260 51
Veraval ...	...	...	.	..	...	.	.	...	...	..	...	...	..	..	.	...	...	...	...	...	.	..	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ..	025 14	050 17	050 16	035 15	045 10	055 09	040 15	255 11	263 25	270 33	270 51	270 60	—	...	...	...	...	...
Multan ...	025 14	040 12	055 10	095 12	040 04	315 06	280 14	275 19	293 23	275 39	270 47	...	...	...	...	—	...	...
Peshawar ...																		
Quetta																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

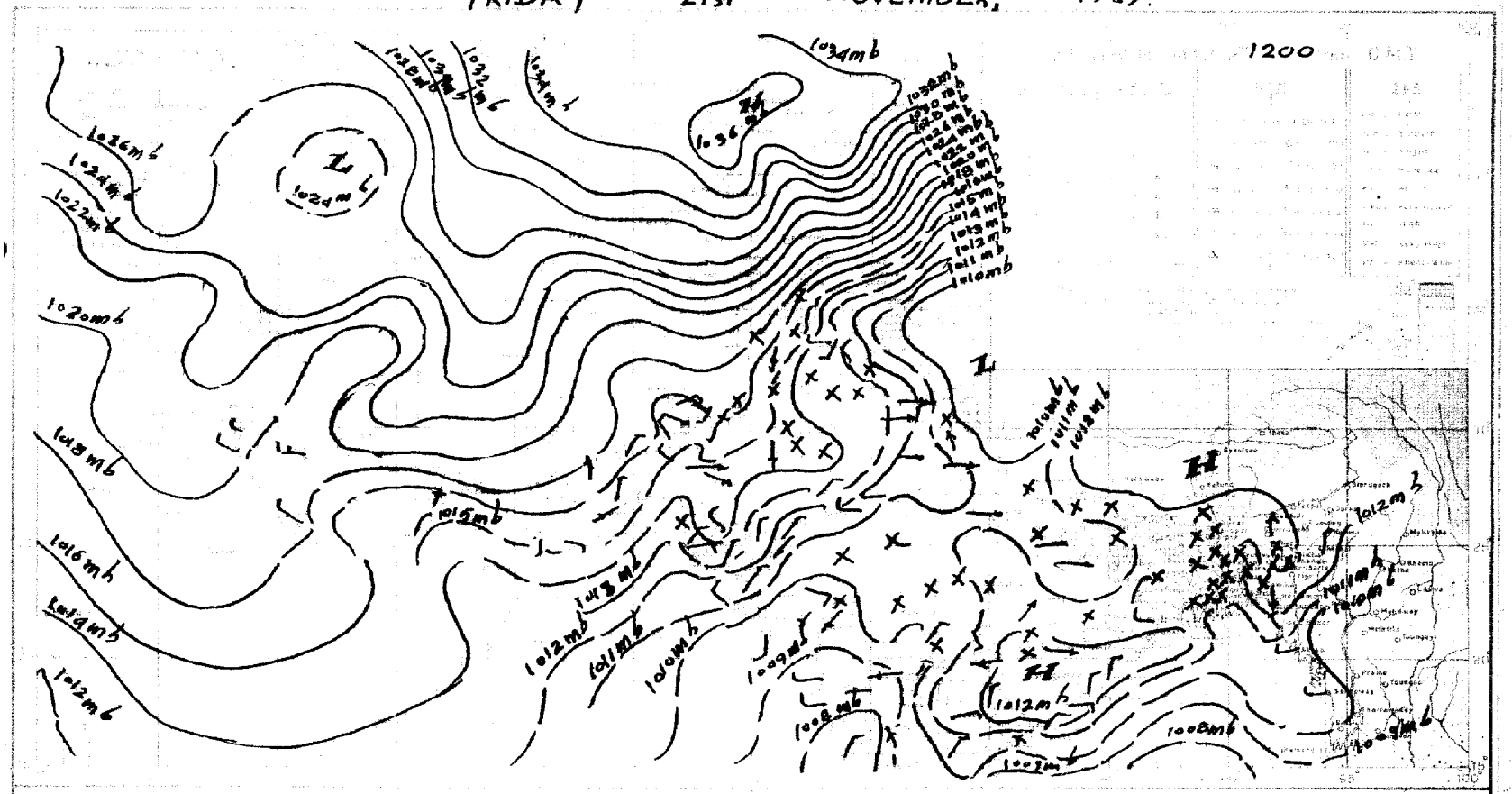
† The actual time of observations may vary within half an hour of the specified time.

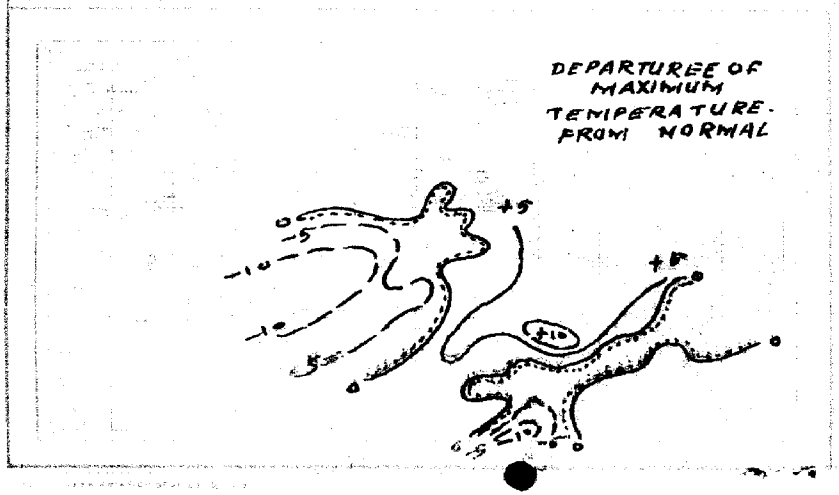
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "fff" omitted.

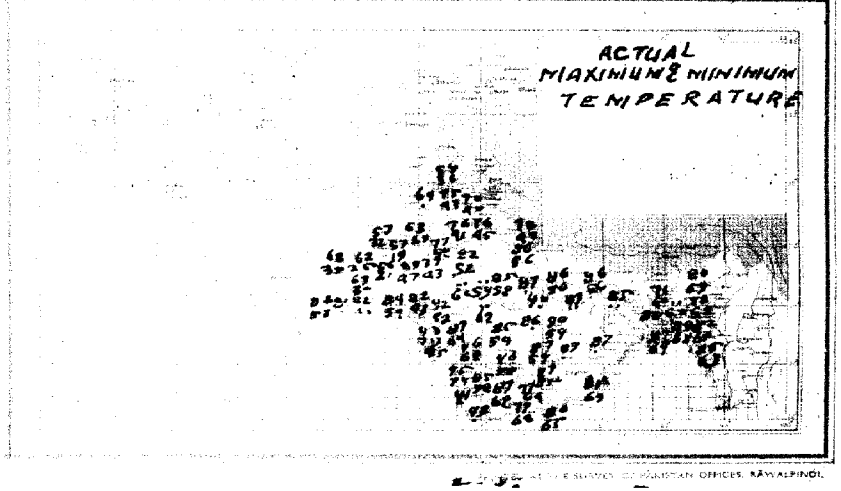
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st NOVEMBER, 1969.



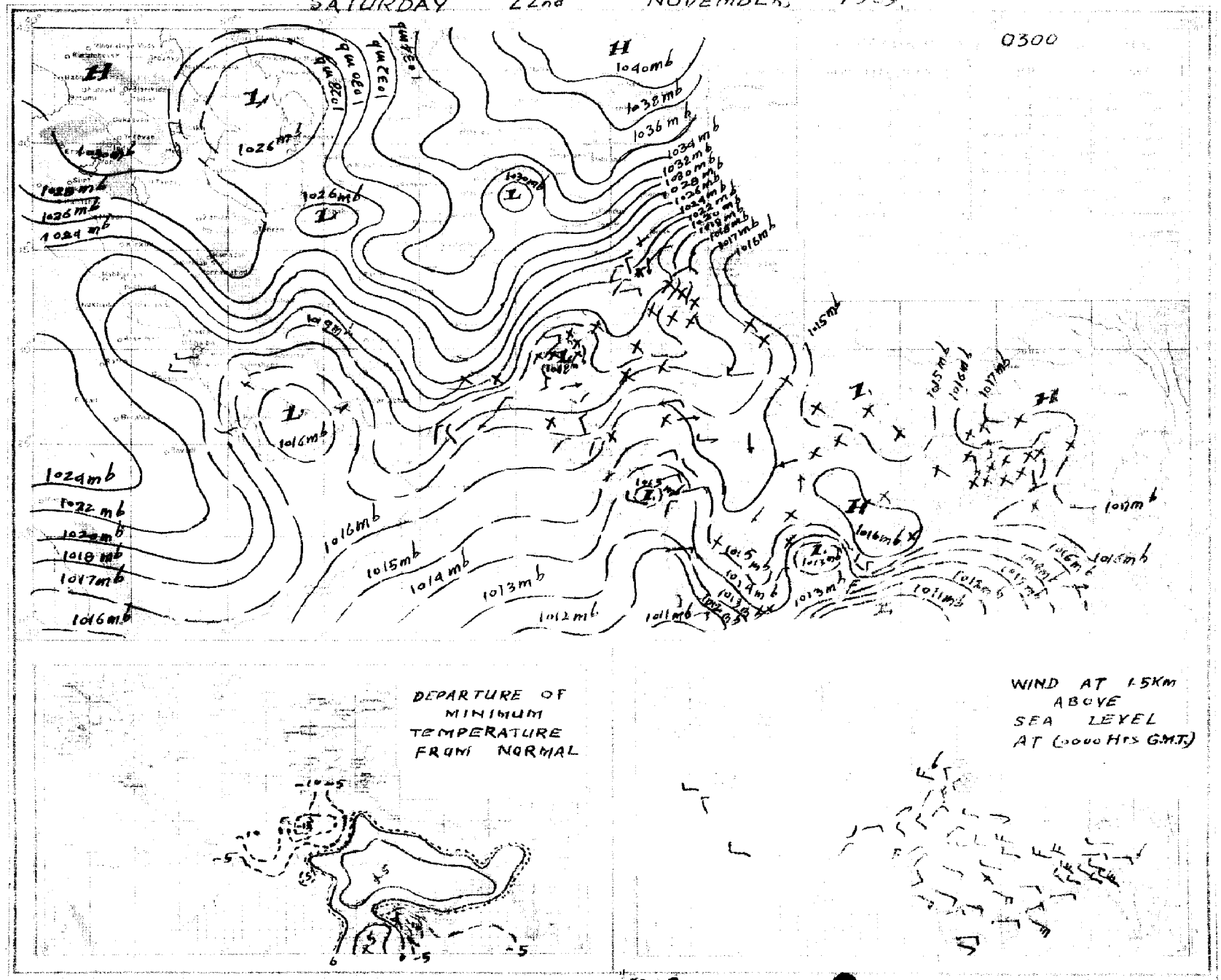




PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd NOVEMBER 1969.

0300



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 23rd NOVEMBER 1969.

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

Dry continental air continues to prevail over west Pakistan. The westerly low pressure wave over west Bengal has become unimportant. The well marked low over west central Bay of Bengal persists. Weather remained dry over the country.

Night temperatures were 6—10 °F (3—6) °C) above normal in east Pakistan outside Rajshahi division and 3—6 °F (2—3 °C) below normal in Sargodha, Peshawar, D. I. Khan, Hyderabad and Khairpur divisions, and 8—14 °F (4—8 °C) so in Multan, Bahawalpur, Quetta and Kalat divisions.

Forecast valid until the evening of 24th November 1969 :—weather is likely to remain dry over the country.

Karachi-11
The 23rd November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † We (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 * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	5	31	05	97	//	/	141	76	4	8	6	7	/	60	82
	Cox's Bazar	000	0	0	//	12	//	02	0	137	76	0	0	9	0	0	63	87
	Chittagong	000	0	5	36	02	//	02	2	137	76	5	0	9	3	0	64	81
	Maijdee Court	000	9	0	00	00	//	03	2	123	76	0	0	9	0	0	60	80
	Comilla	000	0	6	00	00	96	02	0	135	77	7	4	7	0	0	64	77
	Brahmanbaria	000	0	7	00	09	//	02	2	127	70	6	0	9	7	0	64	80
	Sylhet	000	0	4	00	00	//	02	0	127	72	0	0	9	2	1	64	80
	Srimangal	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
Dacca	Mymensingh	000	0	8	13	01	//	02	2	134	77	8	6	3	/	/	64	80
	Narayanganj	000	0	7	00	00	96	02	2	179	73	7	0	9	7	0	63	80
	Dacca (Tezgaon)	000	0	6	00	00	93	02	2	103	76	6	5	5	1	0	//	80
	Faridpur																	
Khulna	Barisal	000	0	5	31	05	97	//	/	141	76	4	8	6	7	1	60	82
	Khulna	000	0	4	00	00	97	03	0	128	78	2	2	4	0	0	77	87
	Satkhira	000	0	6	00	00	95	03	0	132	77	6	3	6	1	0	56	82
	Jessore	000	0	7	00	00	97	02	2	131	76	7	0	9	7	0	68	80
Rajshahi	Pabna	000	0	8	00	00	//	02	2	131	77	8	0	7	8	0	63	80
	Sirajganj	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	3	00	00	//	01	1	135	72	3	0	9	7	0	67	83
	Bogra	000	0	0	00	00	//	00	0	121	73	0	0	9	0	0	64	82
	Dinajpur	000	0	1	00	00	96	01	0	113	70	1	0	9	1	0	64	77
	Rangpur																	
Kashmir	Jammu	000	0	0	00	00	95	02	0	157	72	0	0	9	0	0	45	77
Lahore	Lahore (Jail Rd.)	000	0	2	31	03	96	01	1	151	72	0	0	9	0	1	36	78
	Sialkot																	
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi	000	0	6	27	02	99	02	2	118	64	0	0	9	0	4	38	70
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	97	06	0	150	68	0	0	9	0	0	51	76
	Sargodha	000	0	1	31	03	97	01	0	157	70	0	0	9	0	1	49	83
	Lyallpur	000	0	0	29	02	96	00	0	149	70	0	0	9	0	0	47	76
Multan	Sahiwal	000	0	0	00	00	97	02	0	161	73	0	0	9	0	0	//	77
	Multan	000	0	8	36	00	92	02	2	134	90	0	0	9	0	8	//	90
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	162	76	0	0	9	0	0	38	78
	Bahawalpur	///	/	0	25	03	98	00	0	140	76	0	0	9	0	0	67	76
	Fort Abbas																	
Peshawar	Chakdra	000	0	0	36	02	98	02	0	146	64	0	0	9	0	0	41	67
	Peshawar	000	0	2	00	00	97	02	0	168	68	0	0	9	0	·	45	73
	Haripur	000	0	1	03	03	98	00	0	143	64	0	0	9	0	0	45	68
D. I. Khan	Bannu	000	0	6	13	02	98	03	2	157	70	0	0	9	6	4	58	73
	D. I. Khan	000	0	0	00	00	97	02	0	///	73	0	0	9	0	0	32	77
Quetta	Sibi	000	0	0	23	03	97	02	0	176	78	0	0	9	0	0	36	//
	Nokkundi	000	0	0	00	00	97	02	0	189	68	0	0	9	0	0	03	69
Kalat	Turbat	000	0	0	05	02	96	00	0	011	82	0	0	9	0	0	//	82
	Jiwani	000	0	0	13	07	96	02	0	149	77	0	0	9	0	0	47	81
	Pasni	000	0	0	11	04	97	02	0	154	79	0	0	0	0	0	45	80
Karachi division	Ormara	///	0	2	00	00	98	00	0	144	67	0	0	8	0	0	63	//
	Lasbela	000	0	0	05	03	97	02	0	177	79	0	0	9	0	0	41	85
	Karachi (Manora)	000	0	0	05	07	96	02	0	138	82	0	0	9	0	0	//	84
	Karachi (Airport)																	
Hyderabad	Nagarparkar	000	0	0	05	05	96	02	0	125	84	0	0	9	0	0	35	87
	Chhor	000	0	0	31	07	97	02	0	146	77	0	0	9	0	0	31	80
	Hyderabad	000	0	0	36	12	97	02	0	131	83	0	0	9	0	0	40	84
	Badin																	
Khairpur	Padidan	000	0	0	31	05	96	03	0	154	75	0	0	9	0	0	26	78
	Nawabshah	000	0	0	31	05	96	02	0	157	70	0	0	9	0	0	41	81
	Sukkur	000	0	0	05	03	94	02	0	155	77	0	0	9	0	0	38	79
	Kashmore																	
	Jacobabad	000	0	0	36	08	97	02	0	156	76	0	0	9	0	0	29	80
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	27	05	98	01	1	520	49	0	0	9	0	0	29	56
Peshawar	Drosh *	000	0	0	00	00	97	01	0	560	49	0	0	0	0	0	50	60
	Cherat *	000	0	3	36	03	97	01	0	533	54	0	0	9	0	4	22	63
	Kakul *	000	0	5	00	00	98	03	1	584	56	0	0	9	0	5	40	64
	Landikotal *	000	0	4	05	05	98	01	2	605	56	4	3	9	2	1	41	60
	Parachinar *	000	0	3	00	00	98	02	0	529	54	1	0	9	3	3	29	58
D.I. Khan**	Miranshah *	000	0	0	05	05	99	00	0	542	70	0	0	9	0	0	56	72
	Wana *	000	0	0	00	00	99	00	0	582	56	0	0	9	0	0	45	60
Quetta	Fort Sandeman *	000	0	0	23	02	98	02	0	508	62	0	0	9	0	0	//	65
	Hindubagh *	000	0	0	23	05	97	02	0	515	62	0	0	9	0	0	34	63
	Loralai *	000	0	0	27	02	98	01	0	390	//	0	0	9	0	0	45	86
	Barkhan *	000	0	0	31	05	97	02	0	464	65	0	0	9	0	0	08	67
	Harnai *	—	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	528	51	0	0	9	0	0	//	56
	Chaman *	000	0	0	27	03	97	00	0	544	56	0	0	9	0	0	//	59
	Nushki *	000	0	0	00	00	97	02	0	584	59	0	0	9	0	0	//	59
	Dalbandin *	000	0	0	05	03	97	02	0	545	60	0	0	9	0	0	06	63
Kalat	Kalat *	000	0	0	31	03	96	02	0	490	63	0	0	9	0	0	//	60
	Khuzdar *	000	0	0	00	00	97	02	0	506	60	0	0	9	0	0	97	70
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † We (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	4	5	36	05	97	01	1	184	73	2	4	6	7	0	65	69	—	—	1.6		102.4	
	Cox's Bazar	000	0	6	09	05	96	03	1	167	73	6	5	5	0	0	64	65	+ 3	0	0.7	— 2.2	92.0	140
	Chittagong	000	0	7	05	02	96	02	2	171	75	3	5	4	3	2	62	65	— 1	+ 2	1.2	— 0.6	105.7	108
	Maijdee Court	000	0	0	00	00	97	00	2	173	73	0	0	9	0	0	64	62	— 2	— 2	0.4	— 1.0	128.6	115
	Comilla	000	0	0	18	05	96	02	2	168	73	0	0	9	0	0	59	69	— 6	+ 8	0.5	— 0.7	104.2	94
	Brahmanbaria	000	0	0	00	00	97	00	0	157	65	0	0	9	0	0	65	//	—	/	1.3	+ 0.3	55.1	78
	Sylhet	000	0	1	36	03	97	01	0	175	73	0	0	9	3	0	64	62	—	—	1.5	—	149.7	—
	Srimangal	000	0	0	00	00	95	00	0	146	56	0	0	9	0	0	56	//		/	1.5	+ 0.2	84.5	98
Dacca	Mymensingh	000	0	5	00	00	97	02	1	147	79	5	5	5	0	0	60	73		+ 10	—	—	—	91
	Narayanganj	000	0	4	00	00	97	01	1	175	75	4	6	6	3	1	65	64	— 2	0	1.3	+ 0.4	82.2	74
	Dacca (Tezgaon)	000	0	4	00	00	97	03	0	172	75	0	0	9	0	1	60	60	—	—	1.3	—	66.0	—
	Faridpur	000	0	2	00	00	97	01	0	///	75	2	0	9	0	8	54	62	— 1	+ 1	1.6	+ 0.6	58.5	71
Khulna	Barisal	000	0	2	00	00	97	02	0	172	75	0	8	9	0	4	65	64	0	+ 1	1.0	— 0.5	65.2	81
	Khulna	000	0	2	00	00	97	00	0	157	75	0	2	4	0	0	69	69	+ 5	+ 10	1.4	+ 0.6	74.5	68
	Satkhira	000	0	4	00	00	97	02	1	177	73	8	0	0	4	0	65	64	— 2	+ 5	0.2	— 0.5	61.7	65
	Jessore	000	0	3	00	00	95	10	4	176	73	1	0	9	3	1	64	60	— 2	— 1	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	000	0	2	00	00	97	0'	1	176	75	0	9	0	3	0	65	42		—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	98	00	1	171	66	0	0	9	0	0	64	62	— 1	+ 1	0.4	— 0.3	56.7	64
	Rajshahi	000	0	5	00	00	//	02	2	137	75	5	4	9	0	0	65	71		—	3.0	—	70.3	—
	Bogra	000	0	1	00	00	96	05	4	179	73	0	0	9	0	1	56	60	—	— 1	1.1	+ 0.3	59.6	69
	Dinajpur	000	0	0	05	02	96	00	0	182	73	0	0	9	0	0	62	60	+ 1	+ 1	0.8	+ 0.5	95.5	72
	Rangpur	000	0	0	00	00	96	01	0	183	68	0	0	9	0	0	62	60	— 4	0	1.5	+ 1.1	87.5	84
Kashmir	Jammu	000	0	0	00	00	94	10	0	199	49	0	0	9	0	0	41	35	— 3	— 2	0.0	— 0.1	18.0	—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	198	47	0	0	9	0	0	40	//	—	/	0.0	—	31.2	19
	Sialkot																							32
Rawalpindi	Jhelum																							—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	205	43	0	0	9	0	0	40	41	— 4	— 1	0.2	0.0	33.6	34
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	98	00	0	186	54	0	0	9	0	0	41	49	— 5	+ 2	0.0	— 0.1	7.8	15
	Sargodha	000	0	0	00	00	96	04	0	170	43	0	0	9	0	0	33	35	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	95	00	0	183	45	0	0	9	0	0	38	43	— 2	— 3	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	0	00	00	96	05	0	199	43	0	0	9	0	0	32	35	— 3	— 14	0.0	0.0	11.3	10
	Multan	000	0	5	36	01	98	03	2	151	60	0	0	9	0	5	58	58	—	—	—	—	—	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	05	0	189	49	0	0	9	0	0	38	35	—	— 14	0.3	+ 0.3	1.4	6
	Bahawalpur	000	0	0	00	00	98	//	/	196	50	0	0	9	0	0	41	41	— 3	— 7	—	—	—	8
	Fort Abbas	///	0	0	05	02	98	00	0	///	//	0	0	9	0	0	//	32	—	—	0.0	—	0.8	8
Peshawar	Chakdra	000	0	1	00	00	98	02	0	195	41	0	0	9	0	0	34	40	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	00	00	97	02	0	203	43	1	0	9	3	0	33	41	0	— 5	0.5	+ 0.4	14.8	11
	Haripur	000	0	0	36	05	98	00	0	196	50	0	0	9	0	0	40	45	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	0	27	01	99	00	0	196	49	0	0	9	0	0	24	45	—	—	0.5	—	3.0	11
	D. I. Khan	000	0	0	00	00	96	02	0	197	45	0	0	9	0	0	24	40	— 2	— 6	—	—	—	9
Quetta	Sibi	000	0	0	36	03	97	02	0	168	43	0	0	9	0	0	32	41	/	—	0.0	—	0.2	5
	Nokkundi	000	0	0	00	00	96	03	0	266	42	0	0	9	0	0	07	36	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	075	66	0	0	9	0	0	12	13	—	—	0.0	—	0.2	—
	Jiwani	000	0	1	36	03	56	03	6	157	58	0	0	9	0	1	06	55	—	—	0.0	—	2.0	8
	Pasni	000	0	0	31	12	97	02	0	190	65	0	0	0	0	0	52	//	— 2	—	0.0	— 0.1	0.0	6
Karachi division	Ormara	000	0	0	00	00	98	00	0	175	57	0	0	8	0	0	42	41	—	—	0.0	—	0.7	6
	Lasbela	000	0	0	36	03	97	02	0	177	67	0	0	9	0	0	64	64	+ 3	0	0.0	— 0.1	1.1	8
	Karachi (Manora)	000	0	0	36	02	96	02	0	176	59	0	0	9	0	0	56	56	—	—	0.0	—	1.5	8
	Karachi (Airport)																							—
Hyderabad	Nagarparkar	000	0	1	36	04	96	03	0	155	59	1	0	9	3	0	55	55	—	—	0.0	—	0.3	—
	Chhor	000	0	0	37	05	97	02	0	183	60	0	0	9	0	0	58	58	— 5	+ 1	0.0	— 0.0	6.3	7
	Hyderabad	000	0	0	30	10	97	02	0	149	53	0	0	9	0	0	51	51	— 3	— 7	0.0	— 0.2	0.3	9
	Badin																							—
Khairpur	Padidan	000	0	0	00	00	97	02	0	193	46	0	0	9	0	0	41	41	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	200	51	0	0	9	0	0	46	46	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	05	02	93	05	4	193	55	0	0	9	0	0	50	50	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	27	02	96	02	0	180	51	0	0	9	0	0	48	48	— 2	— 4	0.1	+ 0.1	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							24
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	13	09	98	00	0	534	45	0	0	9	0	0	22	40	+ 2	0	1.0	+ 0.4	41.0	18
Peshawar	Drosh *	000	0	5	00	00	97	01	/	568	40	1	0	9	4	5	23	36	— 3	— 6	0.3	—	15.6	29
	Cherat *	000	0	0	00	00	98	00	0	537	50	0	0	9	0	0	34	45	0	— 2	0.6	+ 0.4	15.0	—
	Kakul *	000	0	0	34	02	98	02	0	529	49	0	0	9	0	0	29	45	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	36	02	98	02	0	///	45	0	0	9	0	0	40	35	—	—	0.7	—	13.6	29
	Parachinar *	000	0	0	00	00	98	02	0	548	40	0	0	9	0	0	15	35	— 3	— 2	0.6	—	22.2	13
D.I. Khan**	Miranshah *	000	0	0	05	05	99	00	0	544	51	0	0	9	0	0	19	45	—	—	0.0	— 0.0	2.0	11
	Wana *	000	0	0	00	00	98	00	0	518	xx	0	0	9	0	0	12	78	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	36	02	97	02	0	536	36	0	0	9	0	0	//	28	— 2	— 9	0.0	— 0.1	6.5	—
	Hindubagh *	000	0	0	27	02	97	02	0	557	42	0	0	9	0	0	21	32	—	—	0.0	—	0.2	9
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—					—
	Barkhan *	000	0	0	31	05	97	02	0	491	45	0	0	9	0	0	09	//	—	/	0.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	479	39	0	0	0	0	0	12	00		—	0.0	— 0.2	5.6	9
	Samungli (Quetta) *	—	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	—					8
	Chaman *	000	0	0	09	03	97	00	0	557	44	0	0	9	0	0	31	36	— 7	— 5	0.0	— 0.1	4.8	—
	Nushki *	000	0	0	07	03	97	02	0	572	40	0	0	9	0	0	06	36	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	543	28	0	0	9	0	0	05	24	— 8	— 12	0.0	— 0.0	0.5	7
Kalat	Kalat *	000	0	0	18	03	96	02	0	555	21	0	0	9	0	0	16	17	— 1	— 11	0.0	— 0.1	2.2	—
	Khuzdar *	000	0	0	27	02	96	02	0	529	45	0	0	9	0	0	07	41	—	—	0.3	—	3.5	5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 23rd NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Gvkw	99 1 52	10 5 77	22 0 03	10 3 13	9/ 0 20	14 / 76	14 1 / /	...	...			...	...	...
Mahn	99 1 3/	10 6 74	22 0 63	40 4 07	98 3 21	09 0 28	32 6 30	3/ / / /	...		05 3 25	12 9 40	30 2 01	
Gbsh	99 1 13	10 7 53	22 0 .3	20 7 10	98 1 31	07 8 79	21 4 00	...	74 5 05		0 / / 74	13 8 06	30 2 02	16 5 02
Gbzc	99 0 38	10 9 16	2/ 0 03	53 0 02	98 3 52	12 7 27	49 5 69	13 4 02	...		0 / / 25	12 8 34	30 2 0/	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 186 07	..	475 162 50	138 112 49	592 014 50	769 075 50	587 199 57	277 383 57	...	...	...	...	...
Dacca ...	00 00	014 163 15	...	460 080 32	099 052 42	577 117 00	746 201 50	...	222 559 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 220 46	...	500 154 57	136 030 28	578 145 / /	745 225 / /	948 405 / /	215 571 / /	...	...	...	...	...
Multan ...	00 00	002 050 55	...	450 140 69	118 020 10	576 101 / /	746 171 / /	...	...	...	...	...	...	...
Peshawar ...	00 00	997 054 0/	...	580 050 58	067 010 39	566 216 / /	733 161 / /	/// 363 / /	...	...	...	...	...	..
Quetta ...	00 00	382 500 76	...	...	010 025 / /	567 227 / /	727 285 / /	924 443 / /	...	...	...	...	...	...
Sargodha ...	00 00	995 154 55	...	410 195 6/	086 031 / /	566 195 / /	729 285 / /	931 391 / /	202 481 / /	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 174 56	830 142 57	600 066 06	...	..	...	...	...	...	...	...	...
Dacca ...	00 00	900 103 32	830 073 37	600 041 39	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	—	...	...	...	...	...	...	—	...	...
Peshawar ...	00 00	...	...		...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	/// /// //	600 113 / /	...	...	...	...	...	...	...	—	...
Sargodha ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...

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
Barisal ...	120 07	100 02	360 03	140 17	103 27	...	...	...	...
Bogra ...	260 01	240 02	270 04	265 14	270 18	280 23	...	...	...
Chaklala ...	...	285 11	280 05	100 02	340 04	020 01	...	...	...
Chhor ...	025 10	035 09	330 05	230 05	270 03	235 12	...	...	...
Chittagong ...	315 07	3 5 07	330 09	305 17	295 18	275 12	260 13	265 28	265 32
Cherat ...	...		...	...			...	...	..
Cox's Bazar ...	345 08	345 11	340 12	330 17	320 20	310 14	..	...	...
Dacca ...	175 05	180 04	205 03	265 04	285 04		...	...	..
Dalbandin ...		...	080 09	050 16	050 1/	355 08	245 16	260 37	255 66
D. I. Khan ...	030 07	040 06	045 05	055 04	240 05	270 09	250 0/		
Drosh ...	...	...	...	175 03	550 04	050 09	255 0(	310 05	140 61
Fort Sandeman ...	.	..	...	225 05	215 07	235 59	240 17	240 08	2/5 38
Gilgit ...		...	...	...	...	...	...	...	...
Ishurdi ...	...	...							
Jacobabad ...	020 03	/ /0 04	110 05	060 04	015 08	280 13	240 21	245 29	250 38
Jessore ...	245 02	320 02	290 03	295 19	315 14	270 17	...	...	...
Jhelum ...	300 08	320 07	320 06	315 09	360 03	280 06	...	260 29	...
Jiwani ...	110 06	075 07	075 04	355 05	350 06	275 09	245 22	255 29	245 35
Karachi ...	055 13	045 12	035 13	015 11	360 02	250 06	230 12	260 21	255 24
Khanpur ...	055 08	055 08	055 50	050 12	065 13	135 08	195 08	175 08	...
Khuzdar ...	...	...		140 05	260 03	250 08	255 21	255 34	250 03
Lahore ...	335 09	330 1/	335 60	335 14	330 12	320 07	260 07	260 14	260 1.
Multan ...	030 06	020 08	025 09	335 06	275 03	270 08	215 14	245 28	255 34
Nawab Shah ...	360 12	025 10	050 12	290 04	245 05	235 09	245 17	215 29	205 43
Nokkundi ...	...	...	205 03	345 03	295 04	265 06	/// //	255 35	255 37
Panjgur ...	...	...	...			...	...		
Peshawar ...	...	230 02	310 04	310 07	315 /2	295 08	255 20	255 25	250 25
Parachinar ...	...	...	...	355 04	135 06	255 24	265 18		250 29
Quetta ...	...	...		...	145 02	190 02	225 13	240 23	245 35
Sargodha ...	005 04	330 06	345 08	345 06	315 10	280 15	255 15	255 25	255 29
Skardu ...	...			...	...		—	...	...
Sylhet ...	280 10	270 0/	240 06	165 04	155 01	260 19	...	—	...
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
Barisal	030 07	360 06	375 04	325 10	280 11	265 15
Bogra	110 04	045 03	320 03	335 03	330 10	275 26
Chaklala	...	090 02	060 29	305 03	155 02	210 07
Chhor	055 27	050 20	010 13	275 09	260 22	160 03
Chittagong	...	...	...	...	...	...
Cherat	...					
Cox's Bazar	360 16	350 11	215 14	360 11	335 19	325 14
Dacca	120 12	350 08	280 08	...	280 12	...
Dalbandin		...	215 01	300 06	320 10	340 21
D. I. Khan	330 04	360 03	025 03	083 02	075 03	050 08
Drosh	...		...	085 01	040 04	025 07
Fort Sandeman	..	..	...	230 03	305 08	250 07
Gilgit	..		...	...	...	...
Ishurdi						
Jacobabad	360 04	335 04	320 03	295 01	3'5 03	305 06
Jessore	270 03	36. 06	340 72	310 27	320 29	265 10
Jhelum	3 5 08	320 10	010 04	225 02	255 02	200 09
Jiwani	005 09	020 12	030 12	040 16	040 13	040 19
Karachi						
Khanpur	360 13	340 08	355 06	065 04	055 06	075 17
Khuzdar				250 05	270 07	290 13
Lahore	305 05	295 .7	330 06	320 12	340 11	280 08
Multan						
Nawab Shah	025 16	205 11	005 11	230 07	240 07	200 13
Nokkundi	...	...	150 6/	195 7/	220 09	250 13
Panjgur	...					
Peshawar	...	100 87	005 18	232 51	305 16	305 12
Parachinar	...	...	...	185 03	100 03	...
Quetta	...					
Sargodha	310 06	355 06	320 06	310 09	265 08	240 13
Skardu						
Sylhet	100 05	090 02	060 03	090 03	315 08	265 26
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	3.4	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Barisal	060 02	320 04	320 08	315 13	325 11	270 11	245 11	275 17	265 20	...	—
Bogra	040 50	345 03	345 03	325 03	325 04			...	...	...	...
Chaklala		080 07	050 07	140 07	140 07	270 05	215 11	230 20	235 32		...
Chhor	035 12	025 10	325 07	230 09	215 13	145 14	250 21	255 30	240 33	265 53	270 60
Chittagong	335 11	330 23	330 12	310 10	270 13	265 16	260 25	250 12	250 14	—	..
Cherat					...					...	..
Cox's Bazar	345 11	345 12	350 10	004 08	015 09	030 06	...	...	..	—	...
Dacca	360 03	310 03	330 06	300 07	305 12	300 16	275 22	255 28	270 23	—	...
Dalbandin	...		080 06	035 06	005 11	010 21	020 15	275 29	270 39	—	..
D. I. Khan	315 11	315 11	...	105 12	010 03	295 16	260 07	260 11	250 13	...	...
Drosh	...		...	010 02	040 10	015 10	135 07			...	...
Fort Sandeman	...	...	—	335 01	270 06	285 07	295 09	275 10	127 51	...	—
Gilgit	..	...	.	230 01	270 05	300 12	265 14	210 20	220 29	...	...
Ishurdi	...			...		...	...	...	...	...	—
Jacobabad	225 09	325 07	325 06	320 59	255 12	250 10	280 15	250 24	2/0 28	...	..
Jessore	340 05	335 10	325 10	315 21	320 18	290 10	265 12	3.5 19	320 23	...	...
Jhelum	315 01	035 04	120 05	135 06	185 06	245 12	215 18	215 25	230 41	...	...
Jiwani	025 19	050 19	060 17	055 10	050 07	030 12	245 11	255 22	255 30	—	...
Karachi	035 10	040 12	045 09	015 09	005 08	345 03	225 02	225 13	180 21	..	—
Khanpur	110 06	080 06	065 07	050 12	050 11	835 10	325 23	270 33	240 41	..	—
Khuzdar	...	..	...	335 08	320 07	835 05	265 26	360 04	265 38	260 35	.
Lahore	060 02	015 04	340 05	320 10	285 15	255 17	225 17	2.5 25	225 37	—	—
Multan	080 .7	140 05	220 03	220 05	235 05	24. .7	255 17	245 51	250 72	..	—
Nawab Shah	0.0 10	015 08	010 08	010 08	280 05	2.0 16	225 27	260 39	255 45	...	—
Nokkundi	...	..	360 06	340 08	025 14	020 14	030 21	045 32	040 36	...	...
Panjgur	...									...	—
Peshawar	...	080 07	050 06	287 18	305 13	320 14	255 11	255 13	240 20	...	—
Parachinar	...	...	—	115 07	110 5/	235 11	085 05	...	270 1/	...	—
Quetta	...	...		...		...		...	...	..	...
Sargodha	105 03	300 03	305 01	270 06	270 09	245 14	240 /1	235 39	240 40	...	...
Skardu				180 0.	/// //	215 04	360 04	185 14	19/ 05	...	...
Sylhet	156 01	090 01	075 03	080 04	060 04	250 15	260 44	250 54	—	..	—
Veraval	...	...	—	..	...		..	...	...	...	...

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	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	190 7/	205 13	205 10	2?5 04	205 04	175 10	240 30	245 "8	245 35	...	...	...	—	...	...	...	—	...
Multan ...	060 08	280 04	330 05	270 06	245 08	240 12	260 33	260 47	270 51	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotencial metres.

TT—Dry Bulb temperatures in °C

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

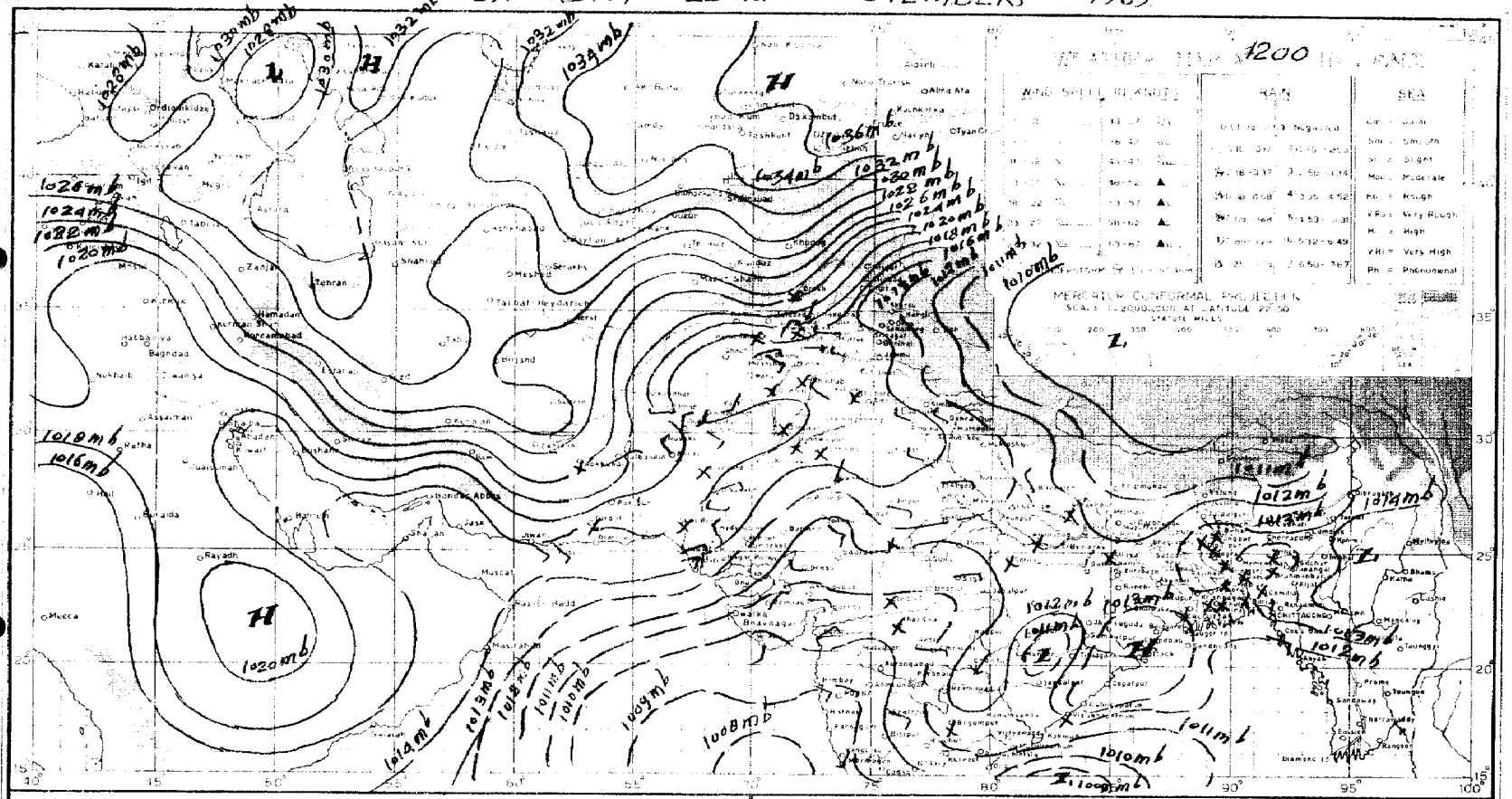
† The actual time of observations may vary within half an hour of the specified time.

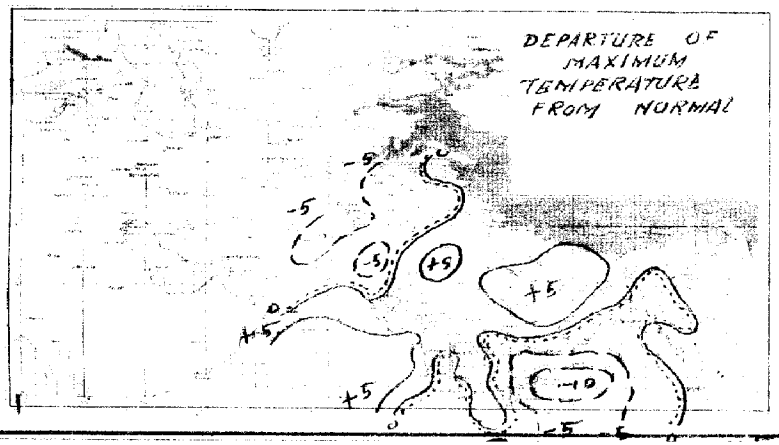
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

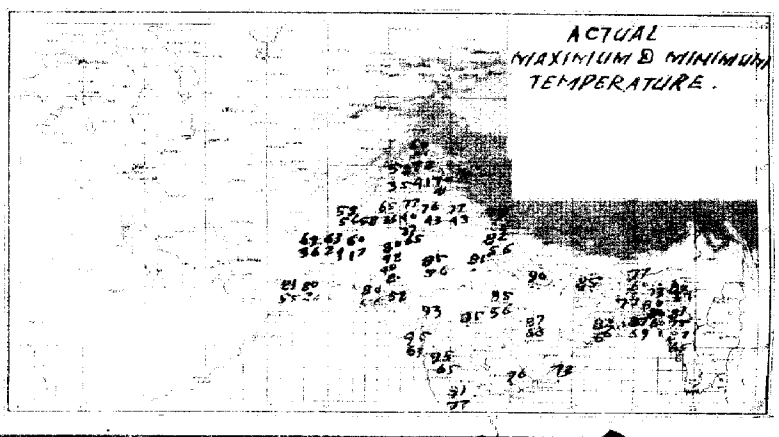
The accuracy of individual entries in this report cannot too be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd NOVEMBER, 1969

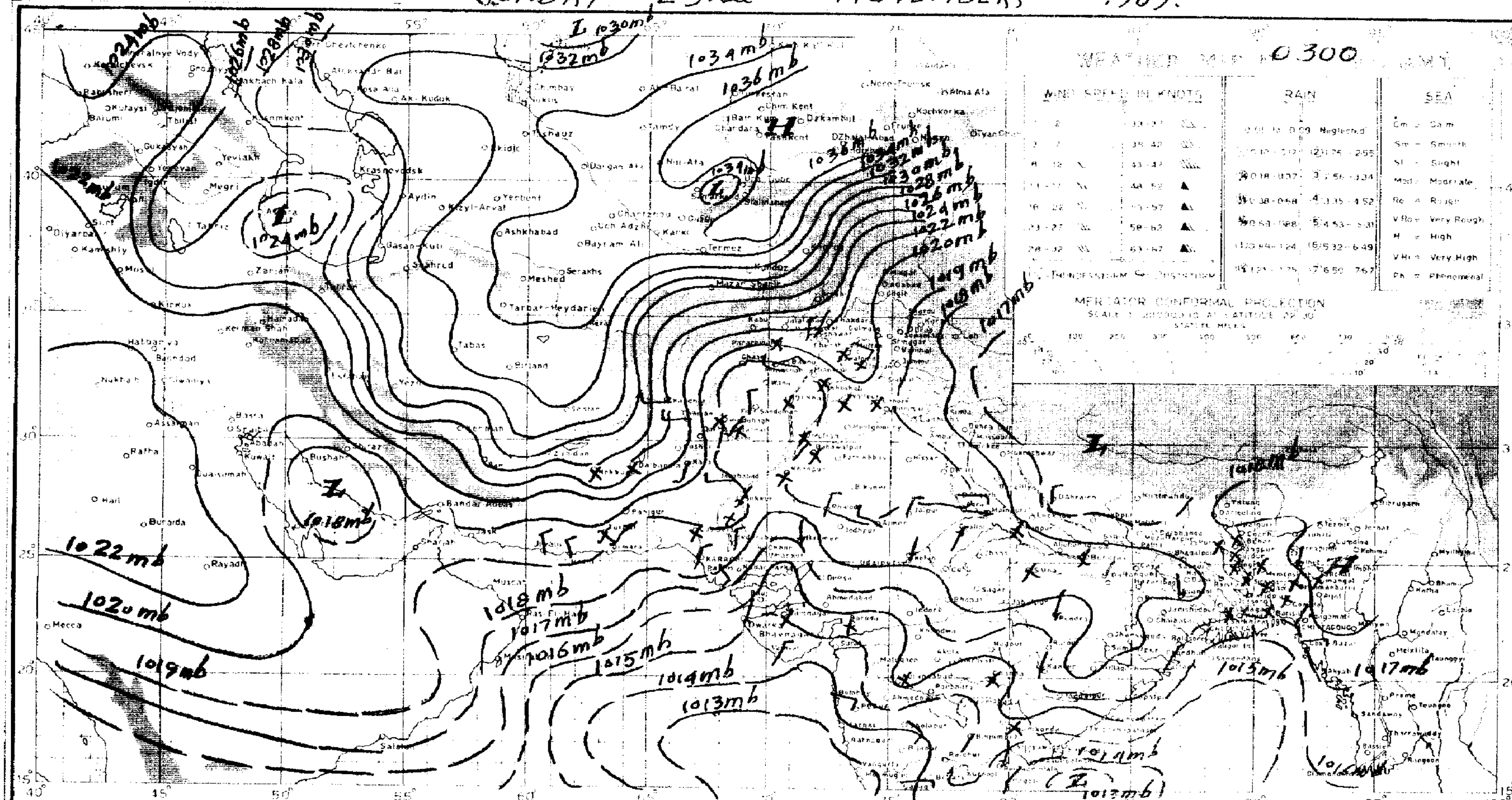


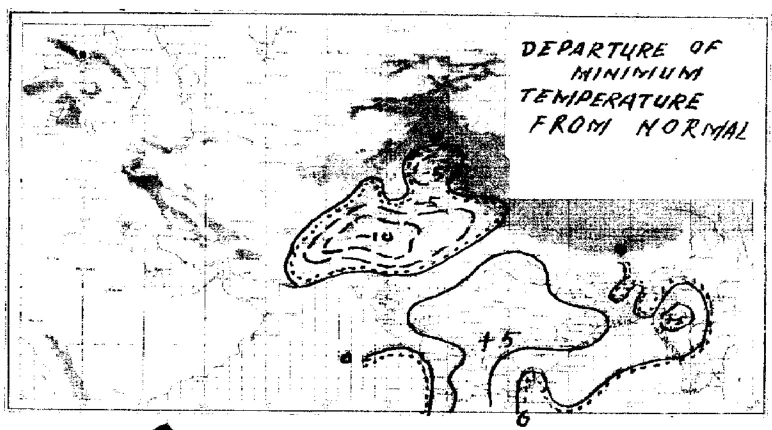


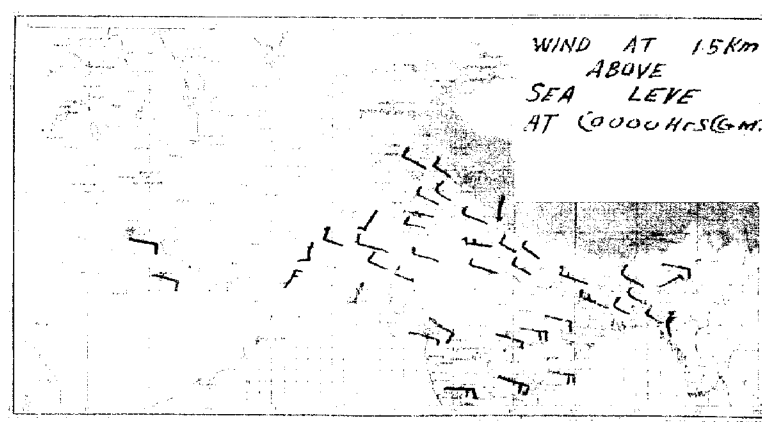


PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd NOVEMBER, 1969.







PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 24th NOVEMBER 1969.

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

Dry continental air continues to prevail over west Pakistan. The low pressure area over west central Bay of Bengal is now less marked.
Weather remained dry over the country.
Night temperatures were 8—18 °F (4—10 °C) below normal in Lahore, Multan, Bahawalpur, Quetta and Kalat divisions and 3—7 °F (2—4 °C) so in Chittagong, Khulna, Sargodha, Peshawar, Hyderabad and Khairpur divisions.
Forecast valid until the evening of 25th November 1969 :—Weather will be dry over the country.

Karachi-11
The 24th November, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	31	02	95	01	0	146	77	1	1	7	0	1	60	82
	Cox's Bazar	000	0	3	36	03	//	01	2	140	77	1	4	4	3	0	60	85
	Chittagong	000	0	1	31	02	//	02	0	143	76	0	0	9	3	0	64	82
	Maijdee Court	000	0	0	00	00	//	00	0	136	77	0	0	9	0	0	63	80
	Comilla	000	0	0	00	00	//	02	0	152	76	0	0	9	0	0	67	82
	Brahmanbaria	000	0	4	00	00	//	03	1	144	76	0	0	9	0	4	70	82
	Sylhet	000	0	1	00	00	//	01	0	141	73	0	0	9	0	1	63	82
	Srimangal	000	0	0	00	00	//	00	0	130	70	0	0	9	0	0	67	79
Dacca	Mymensingh	000	0	2	00	00	//	01	1	143	77	0	0	9	0	0	64	80
	Narayanganj	000	0	0	00	00	//	00	0	149	76	0	0	9	0	0	64	85
	Dacca (Tejgaon)	000	0	2	00	00	96	01	0	144	76	0	0	9	0	/	63	82
	Faridpur	000	0	1	00	00	93	01	0	134	76	0	0	9	0	/	63	80
Khulna	Barisal	000	0	2	00	00	97	00	0	119	78	0	2	4	0	0	72	80
	Khulna	000	0	0	00	00	95	00	0	148	73	0	0	9	0	0	63	85
	Satkhira	000	0	3	36	02	97	02	0	142	73	0	8	9	0	4	58	82
	Jessore	000	0	0	00	00	//	02	0	149	73	0	0	9	0	0	64	80
Rajshahi	Pabna	000	0	2	00	00	//	01	1	161	77	0	2	6	0	0	63	80
	Sirajganj	000	0	0	36	02	94	02	0	151	76	0	0	9	0	0	64	82
	Rajshahi	000	0	0	00	00	//	02	0	142	72	0	0	9	0	0	64	80
	Bogra	000	0	0	00	00	//	00	0	150	73	0	0	9	0	0	63	82
	Dinajpur	000	0	1	00	00	96	01	0	119	68	1	0	9	1	0	63	78
	Rangpur																	
Kashmir	Jammu	000	0	0	00	00	95	02	0	/	79	0	0	9	0	0	40	76
Lahore	Lahore (Jail Rd.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	000	0	0	00	00	96	02	0	169	68	0	0	9	0	0	45	78
Rawalpindi	Jhelum																	
	Islamabad	000	0	0	00	00	99	00	0	187	60	0	0	9	0	0	30	76
	Rawalpindi																	
	Campbellpur	000	0	0	00	//	91	04	0	150	80	0	0	9	0	0	64	82
Sargodha	Khushab	000	0	0	23	02	97	02	0	173	70	0	0	9	0	0	45	82
	Sargodha	000	0	0	00	00	96	00	0	182	70	0	0	9	0	0	47	77
	Lyallpur																	
Multan	Sahiwal	000	0	0	00	00	96	82	0	171	70	0	0	9	0	0	45	70
	Multan	000	0	8	36	00	92	02	2	124	89	0	0	9	0	8	//	93
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	171	73	0	0	9	0	0	29	77
	Bahawalpur	000	0	0	00	00	96	00	0	163	73	0	0	9	0	0	70	76
	Fort Abbas	000	0	0	05	02	98	00	0	150	76	0	0	9	0	0	67	76
Peshawar	Chakdra	000	0	0	36	02	98	02	0	161	63	0	0	9	0	0	40	63
	Peshawar	000	0	0	00	00	97	02	0	161	67	0	0	9	0	0	45	72
	Haripur	000	0	0	13	03	98	00	0	143	63	0	0	9	0	0	43	68
D. I. Khan	Bannu	000	0	0	20	02	99	00	0	175	70	0	0	9	0	0	29	76
	D. I. Khan	000	0	0	00	00	97	02	0	165	72	0	0	9	0	0	30	77
Quetta	Sibi	000	0	0	23	00	97	02	0	174	79	0	0	9	0	0	36	82
	Nokkundi	000	0	0	00	00	97	02	0	201	69	0	0	9	0	0	20	//
Kalat	Turbat	000	0	0	05	06	96	00	0	017	78	0	0	9	0	0	01	78
	Jiwani	000	0	2	13	07	95	06	0	168	79	0	0	9	0	1	27	81
	Pasni	000	0	0	//	10	97	02	0	162	80	0	0	0	0	0	58	80
Karachi division	Ormara	///	0	2	00	00	98	00	0	151	67	0	0	8	0	0	61	89
	Lasbela	000	0	0	27	03	97	02	0	148	78	0	0	9	0	0	51	87
	Karachi (Manora)	000	0	4	05	05	96	03	0	149	83	0	0	9	0	1	23	85
	Karachi (Airport)																	
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	050	67	0	6	6	0	0	64	22
	Chhor	000	0	0	36	05	96	02	0	145	70	0	0	9	0	0	32	87
	Hyderabad	000	0	3	36	07	97	03	0	163	76	0	0	9	0	1	33	79
	Badin	000	0	0	36	14	97	02	0	143	82	0	0	9	0	0	45	84
Khairpur	Padidan	000	0	1	05	05	97	03	0	148	75	0	0	9	0	1	30	77
	Nawabshah	000	0	0	36	05	96	02	0	170	76	0	0	9	0	0	43	80
	Sukkur	000	0	0	13	03	96	02	0	154	80	0	0	9	0	0	41	81
	Kashmore																	
	Jacobabad	000	0	1	31	02	97	02	0	166	77	0	0	9	0	1	31	79
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonemarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	538	49	0	0	9	0	0	30	54
Peshawar	Drosh *	000	0	5	09	07	97	01	2	553	52	5	0	9	3	3	26	//
	Cherat *	000	0	0	00	00	98	00	0	538	56	0	0	9	0	0	22	63
	Kakul *	000	0	0	00	00	98	02	0	537	58	0	0	9	0	0	36	67
	Landikotal *	000	0	0	36	02	98	02	0	634	54	0	3	9	0	0	//	64
	Parachinar *	000	0	0	16	03	98	02	0	546	54	0	0	9	0	0	//	59
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	544	70	0	0	9	0	0	30	72
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	522	63	0	0	9	0	0	//	66
	Hindubagh *	000	0	0	20	03	96	02	0	529	54	0	0	9	0	0	45	56
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barkhan *	000	0	0	23	03	97	02	0	489	63	0	0	9	0	0	27	70
	Harnai *	000	0	0	00	00	96	02	0	616	71	0	0	0	0	0	08	65
	Samungli (Quetta) *	000	0	0	31	13	96	02	0	555	52	0	0	9	0	0	//	54
	Chaman *	000	0	0	27	03	97	00	0	559	55	0	0	9	0	0	21	58
	Nushki *	000	0	0	31	03	97	02	0	601	58	0	0	9	0	0	12	59
	Dalbandin *	000	0	0	09	05	97	02	0	572	61	0	0	9	0	0	17	63
Kalat	Kalat *	000	0	0	31	03	96	02	0	522	80	0	0	9	0	0	03	53
	Khuzdar *	000	0	2	00	00	97	02	0	312	67	0	0	9	0	1	//	71
	Panjgur *																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal: Maximum temperature TxTx (37)	Departure from Normal: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	000	0	2	36	08	97	02	0	178	75	0	0	9	0	1	66	64	+1	—1	0.7	—2.3	92.0	140
	Cox's Bazar	000	0	2	05	02	96	02	0	181	71	0	0	9	0	1	65	60	0	—3	1.2	—0.7	105.7	108
	Chittagong	000	9	0	00	00	97	00	0	173	73	0	0	9	0	0	60	62	—2	—2	0.4	—1.0	128.6	115
	Maijdee Court	000	0	0	00	00	96	02	0	174	72	0	0	9	0	0	65	70	—1	+9	0.5	—0.7	104.2	94
	Comilla	000	0	0	18	02	97	00	0	187	75	0	0	9	0	0	66	62	—	—	1.3	+0.3	55.1	78
	Brahmanbaria	050	0	0	05	02	97	02	0	187	//	0	0	9	0	0	64	//	—	—	1.5	—	149.7	—
	Sylhet	000	0	0	00	00	96	00	0	172	72	0	0	9	0	0	64	54	—6	—3	1.5	+0.1	84.5	98
	Srimangal	000	0	0	00	00	97	00	0	191	60	0	0	0	0	0	62	62	—1	—1	—	—	—	91
Dacca	Mymensingh	000	0	1	36	02	96	05	0	185	72	0	0	9	0	1	64	63	+3	—	1.3	—	66.0	74
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—1					—
	Dacca (Tejgaon)																							71
	Faridpur																							81
Khulna	Barisal	000	0	0	35	01	97	00	0	192	73	8	0	0	0	0	60	60	+1	+1	0.2	—0.6	61.7	68
	Khulna	000	3	0	00	00	96	05	4	191	69	0	0	9	0	0	64	58	0	—3	1.1	+0.1	62.5	65
	Satkhira	000	0	0	00	00	98	02	0	184	75	0	0	9	0	0	56	62	—	—	1.0	—	66.3	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—1					59
Rajshahi	Pabna	000	0	0	00	00	97	02	0	192	73	0	0	9	0	0	66	60	—	—	3.0	—	70.3	64
	Sirajganj	000	0	0	00	00	96	01	0	186	75	0	0	9	0	0	60	59	—1	—2	1.1	—0.3	59.6	—
	Rajshahi	000	0	0	00	00	96	00	0	197	72	0	0	9	0	8	62	59	+1	0	0.8	+0.4	95.5	69
	Bogra	000	0	0	00	00	96	01	0	187	66	0	0	9	0	0	64	60	—3	0	1.5	+1.1	87.5	72
	Dinajpur																							84
	Rangpur																							—
Kashmir	Jammu	000	0	0	00	80	95	05	0	211	49	0	0	9	0	0	40	43	—4	—2	0.0	—0.1	18.0	19
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	99	00	0	189	56	0	0	9	0	0	49	32		—14	0.0	—0.1	11.5	33
	Sialkot	000	0	0	36	02	//	02	0	221	46	0	0	9	0	0	40	43	—	—	0.1	—	31.2	—
Rawalpindi	Jhelum																							—
	Islamabad	000	0	0	00	00	97	00	0	233	43	0	0	9	0	0	40	43	+2	+1	0.2	—0.1	33.6	36
	Rawalpindi																							—
	Campbellpur	000	0	0	60	//	98	00	0	216	52	0	0	9	0	0	45	45	+2	—2	0.0	—0.1	7.8	15
Sargodha	Khushab	000	0	0	00	00	//	02	0	212	45	0	0	9	0	0	28	37	—	—	0.1	—	20.7	—
	Sargodha	000	0	0	00	00	95	00	0	208	45	0	0	9	0	0	36	43	—1	—3	0.0	—0.1	7.7	13
	Lyallpur																							10
Multan	Sahiwal	000	0	1	00	00	96	04	0	244	45	0	0	9	0	0	32	36	—2	—12	0.0	0.0	11.3	7
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Leiah																							
Bahawalpur	Khanpur	000	0	2	00	00	96	03	0	217	43	0	0	9	0	0	33	38	—6	—11	0.3	+0.3	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	228	54	0	0	9	0	0	32	43	—5	—5	0.0	0.0	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	09	02	98	02	0	236	43	0	0	9	0	0	33	40	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	18	02	97	02	0	231	46	0	0	9	0	0	28	43	—1	—3	0.5	+0.4	14.8	11
	Haripur	000	0	0	07	05	98	00	0	234	59	0	0	9	0	0	36	43	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	228	46	0	0	9	0	0	27	45	—	—	0.5	—	3.0	11
	D. I. Khan	000	0	0	00	00	96	02	0	210	49	0	0	9	0	0	24	45	—2	—1	0.0	—0.1	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	229	44	0	0	9	0	0	32	42	—	—	0.0	—	0.2	5
	Nokkundi	008	0	0	09	02	//	02	0	281	39	0	0	9	0	0	15	36	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	071	63	0	0	9	0	0	33	//	—		0.0	—	0.2	—
	Jiwani	000	0	2	00	00	96	03	0	208	55	0	0	9	0	1	//	53	—	/	0.0	—	2.0	5
	Pasni	000	0	0	29	08	97	02	0	189	65	0	0	0	0	0	56	//	—2	/	0.0	—0.1	0.0	4
		000	0	1	09	03	96	02	2	198	71	1	0	9	0	0	66	10		—	0.0	0.0	0.6	6
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Lasbela	000	0	2	07	05	97	03	0	183	65	0	0	9	0	1	37	64	+5	0	0.0	—0.1	1.1	8
	Karachi (Manora)	000	0	3	36	05	96	03	0	191	63	0	0	9	0	2	15	54	—	—	0.0	—	1.5	—
	Karachi (Airport)																							
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	113	72	0	0	0	0	0	72	72	—	—	0.0	—	0.1	—
	Chhor	000	0	4	05	02	96	01	0	193	57	0	0	9	0	1	23	53	—	—	0.0	—	0.3	7
	Hyderabad	000	0	3	36	09	97	03	0	211	57	0	0	9	0	1	34	55	—6	—2	0.0	—0.0	6.3	9
	Badin	000	0	0	36	03	97	02	0	176	55	0	0	9	0	0	30	53	—3	—5	0.0	—0.2	0.3	—
Khairpur	Padidan	000	0	3	31	05	96	03	0	225	45	0	0	9	0	5	22	40	—	—	0.0	—	0.8	—
	Nawabshah	000	0	6	00	00	96	03	1	224	49	0	0	9	0	4	37	43	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	05	03	96	02	0	224	52	0	0	9	0	0	43	46	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	1	00	00	96	03	0	2 2	55	0	0	9	0	1	34	45	—3	—7	0.1	+0.1	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonemarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	09	16	//	//	/	554	46	0	0	9	0	0	15	41	0	+1	1.0	+0.4	41.0	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					29
	Cherat *	000	0	0	36	10	98	00	0	568	60	0	0	9	0	0	43	49	—	+2	0.6	+0.4	15.0	—
	Kakul *	000	0	0	00	06	98	02	0	561	49	0	0	9	0	0	22	45	—	—	1.0	—	34.0	—
	Landikotal *	000	9	1	31	05	98	02	0	6 2	56	0	0	9	0	0	14	40	—	—	0.7	—	13.6	29
	Parachinar *	000	0	0	00	00	98	02	0	582	40	0	0	9	0	0	19	37	—2	0	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	09	05	99	00	0	551	52	0	0	9	0	0	13	45	—	—	0.0	—0.0	2.0	11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	556	36	0	0	9	0	0	//	32	—1	—5	0.0	—0.1	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	557	42	0	0	9	0	0	21	32	—	—	0.0	—	0.2	9
	Loralai *	000	0	0	27	02	98	00	0	360	55	0	0	9	0	0	45	45		—	0.1	—	0.6	—
	Barkhan *	000	0	0	31	05	97	02	0	489	49	0	0	9	0	0	11	39	—	—	0.0	—	1.0	14
	Harnai *	000	0	0	00	00	//	//	/	496	52	0	0	0	0	0	31	//	—	/	0.0	—0.2	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	592	35	0	0	9	0	0	13	30	—	—	—	—	—	8
	Chaman *	000	0	0	09	03	97	00	0	557	33	0	0	9	0	0	21	32	—8	—9	0.0	—0.1	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	611	43	0	0	9	0	0	07	39	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	1	00	00	//	03	0	553	32	0	0	9	0	2	10	28	—8	—8	0.0	—0.0	0.5	7
Kalat	Kalat *	000	0	4	18	03	96	03	0	655	27	0	0	9	0	0	15	20	—8	—9	—	—0.1	2.2	—
	Khuzdar *	000	0	1	00	00	96	02	0	550	44	0	0	9	0	1	//	37	—	—	0.3	—	3.5	5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 24th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
City of Othean	99 2 02	10 6 41	23 1 23	30 4 12	97 0 50	13 8 26	21 5 01	13 5 10			0/ / 19	12 7 07	30 1 01	
City of C.twa	99 1 87	10 6 32	23 0 63	30 4 12	99 0 20	16 8 27	21 4 08	13 1 21			0/ / 18	12 7 43	30 4 02	04 7 03
City of O tawa	99 1 62	10 6 17	22 1 83	30 4 07	99 0 20	14 3 26	31 5 06	13 1 16			0/ / 19	12 7 03	30 6 01	
City of Ottawa	99 1 73	10 6 23	23 0 03	53 4 09	99	13 4 26	52 5 00	13 6 03			0/ / 19	12 7 05	30 : 01	04 7 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	013 182 08	...	494 110 39	122 052 56	590 051 56	764 125 57	975 307 57	250 515 / /	...	...	...	...	...
Dacca	00 00	015 168 23	...	445 144 50	136 080 57	8?/ 073 58	757 155 58	918 31/ 57	...	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	106 160 62	...	0 / 100 30	121 021 / /	568 181 / /	778 321 / /	948 405 / /	305 545 / /	...	...	...	...	...
Multan	00 00	006 040 20	...	510 150 56	025 315 / /	561 165 / /	746 261 / /	945 401 / /	215 551 / /	...	...	...	...	...
Peshawar														
Quetta	00 00	827 014 46	...	...	100 080 / /	564 227 / /	726 303 / /	925 427 / /	191 565 / /	...	...	...	...	...
Sargodha	00 00	997 144 56	...	460 074 56	092 010 40	...	732 291 / /	928 401 / /	202 511 / /	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 128 35	830 084 40	608 019 47	...	..	...	...	...	...	...	...	...
Dacca	00 00	900 140 40	830 14? 8?	6?? 014 ?7	...	...	...	...	...	...	.	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	—	...	...	...	...	...	...	—	...	...
Peshawar													
Quetta	00 00	...	800 033 / /	400 129 / /	...	...	...	...	...	...	...	—	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal	340 09	340 10	330 10	325 12	330 13	300 10	..	...	...
Bogra	360 07	310 02	310 01	320 04	325 10	315 10	...	...	...
Chakiala	...	250 03	355 03	060 02	070 08	075 04	015 04	310 07	335 06
Chhor	005 19	005 21	010 15	010 08	250 12	225 13	255 19	245 28	245 28
Chittagong	345 10	345 10	320 10	305 08	330 04	245 12	...	...	..
Cherat	...	...	...	...	...	...	..	...	...
Cox's Bazar	345 15	350 10	355 09	345 06	330 07	315 12	...	...	...
Dacca	340 04	330 05	315 06	310 07	315 11	.	...	..	
Dalbandin			095 04	030 12	005 25	020 18	300 22		265 40
D. I. Khan	200 05	155 05	150 03	090 04	270 05	285 09	325 14	310 17	295 18
Drosh	...	...	...	...	...	...	...	...	...
Fort Sandeman	..	.	...	200 02	295 01	330 05	321 2/	315 25	315 27
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...
Jacobabad	325 06	3/0 08	3/0 08	310 10	280 08	3/5 10	265 28	260 27	255 21
Jessore	335 15	335 14	330 14	325 17	330 20	340 10	...	...	...
Jhelum	025 03	350 03	330 05	295 04	/78 03	000 01	/30 09	258 10	/55 25
Jiwani	090 09	050 12	045 14	...	...	...	...	...	...
Karachi	045 09	040 09	025 07	010 06	030 05	225 04	265 14	255 20	245 24
Khanpur	085 07	070 08	065 08	035 07	015 06	315 06	315 1/	325 22	320 28
Khuzdar	...	...	...	...	...	...	...	...	...
Lahore	315 09	315 05	310 12	320 13	320 1/	295 05	250 0/	240 1/	230 01
Multan	015 03	080 03	080 04	280 03	310 12	280 15	285 20	265 47	260 58
Nawab Shah	010 07	020 08	020 07	315 08	260 09	260 18	250 31	260 36	260 90
Nokkundi	...	.	155 04	205 05	360 15	360 16	340 09	305 17	290 18
Panjgur	—	...	...	...	...	...	...	...	...
Peshawar	...	140 01	300 04	300 10	320 12	315 10	335 07	315 13	235 15
Parachinar	...	...	...	065 04	160 12	310 14	290 13		310 16
Quetta	...	..		...	300 15	360 15	355 13	330 21	310 31
Sargodha	250 03	305 02	3/5 30	330 06	300 06	/15 09	280 14	260 33	255 42
Skardu	...			035 01	...		...	...	...
Sylhet	290 11	295 06	305 03	085 06	085 10	290 04	..	—	...
Veraval	...	...	.	...	...	..	..	...	...

At 0000 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	010 06	005 06	010 11	300 12	340 15	290 27
Bogra	020 05	105 07	010 09	325 08	315 25	270 25
Chakiala	...	040 05	300 07	3.5 06	300 09	285 14
Chhor	030 19	025 14	250 11	255 07	195 06	130 05
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	020 13	020 12	230 09	195 13	205 09	290 05
Dacca	345 08	345 08	345 09	...	320 13	...
Dalbandin	...	...	045 05	C60 15	030 13	035 12
D. I. Khan	295 03	230 03	240 02	045 02	045 04	070 06
Drosh	...	.	...	040 01	070 04	020 08
Fort Sandeman	...	..	..	220 04	255 06	023 04
Gilgit	...	..	..	...	...	...
Ishurdi	...	...	...	...	...	...
Jacobabad	360 06	/90 56	005 06	020 03	035 04	075 15
Jessore	030 07	025 10	355 15	340 20	295 10	315 08
Jhelum	515 15	335 2	533 51	020 05	140 06	060 03
Jiwani	030 15	030 20	050 25	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	040 10	025 13	010 13	105 15	025 11	380 13
Khuzdar	...	...		300 05	315 07	330 14
Lahore	325 11	335 17	340 19	320 15	255 08	215 06
Multan	140 07	150 07	110 07	235 06	255 08	215 14
Nawab Shah	005 13	010 12	045 11	080 05	295 02	255 05
Nokkundi	...	...	150 05	230 05	245 08	270 15
Panjgur	...	—	...	...	...	...
Peshawar	...	...	...	.	...	..
Parachinar	...	...	...	...	...	...
Quetta	...	...	...	...	...	...
Sargodha	315 08	320 06	355 08	345 12	320 10	350 08
Skardu	...	...	...	...	...	...
Sylhet	075 03	055 07	115 07	260 04	280 16	255 26
Veraval	...	...	...	...	...	—

At 0600 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal			...			...	...	...	...	...	...
Bogra	010 03	340 03	320 04	320 17	310 11			...	...	...	...
Chakiala	...	220 04	260 04	110 03	195 06	070 10	075 34	080 17	310 29		...
Chhor	050 11	255 19	265 19	255 11	260 37	260 21	/// / /	265 33	...	...	...
Chittagong	150 .6	350 07	080 05	210 05	320 04	280 55	265 25	340 / /	260 31	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...			...	...	...	...	...	...
Dacca	005 04	010 02	010 04	340 12	310 13	270 21	270 33	070 34	275 41	...	.
Dalbandin	...	...	070 10	050 17	045 18	065 08	140 01	270 07	270 21	...	...
D. I. Khan	300 15	305 17	310 15	030 02	020 06	330 06	305 08	290 24	285 29	...	...
Drosh	...	..	...		...		...	...	..	...	...
Fort Sandeman	...	...	...	250 06	215 07	335 04	015 08	055 08	335 06	...	...
Gilgit	...	...	—	—	—	...	...	—	...	...	...
Ishurdi	...		...	—	—	...	—	—	...	...	..
Jacobabad	235 05	295 03	020 03	020 04	025 07	050 15	095 06	295 04	300 10	...	...
Jessore	...		...	...	...	...	...		.	...	...
Jhelum	320 07	320 10	340 67	345 03	070 03	105 08	360 08	355 16	325 13	...	...
Jiwani	040 13	090 14	100 09	240 59	090 09	/08 56	240 14	255 70	235 32	...	...
Karachi	055 12	045 13	025 11	315 09	215 10	..	...	...	...	—	...
Khanpur	070 11	070 15	055 17	045 17	025 37	040 14	/// / /	340 56	305 11	—	...
Khuzdar	...		...	...	...	...		.	.	...	.
Lahore	310 04	320 08	330 10	335 10	360 06	030 02	335 05	340 09	340 11	...	...
Multan	285 03	300 06	300 09	025 09	065 16	245 13	005 20	010 17	325 10	—	...
Nawab Shah	...	...	...	...		—			...	...	...
Nokkundi	...	...	190 09	240 04	050 4/	110 05	260 03	275 13	260 15	...	...
Panjgur	...			030 14	050 15	110 07	150 02	195 06	235 13	...	...
Peshawar	...	200 06	305 12	325 15	360 10	050 09	050 09	025 10	010 09	...	—
Parachinar	...	...	...	145 03	270 53	035 12	070 06	...	360 15	..	...
Quetta	...	...	—	...	310 06	330 10	350 20	335 21	330 34	...	...
Sargodha	..	...	..	...	...	...	...	...	—	...	...
Skardu	...			...	...	—			...	...	...
Sylhet	115 05	110 05	110 07	025 / /	290 09	/// 40	260 39	260 66	125 39	—	...
Veraval	...	...	...	...	...	..	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	4?.?
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	015 26	040 30	020 2/	[illegible] 08	070 08	180 09	235 23	250 30	251 34	...	...	...	—	...	...	...	...	...
Multan	015 0/	020 04	250 4/	300 06	030 07	295 08	295 23	/15 35	295 43	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		
Sargodha																		

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

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

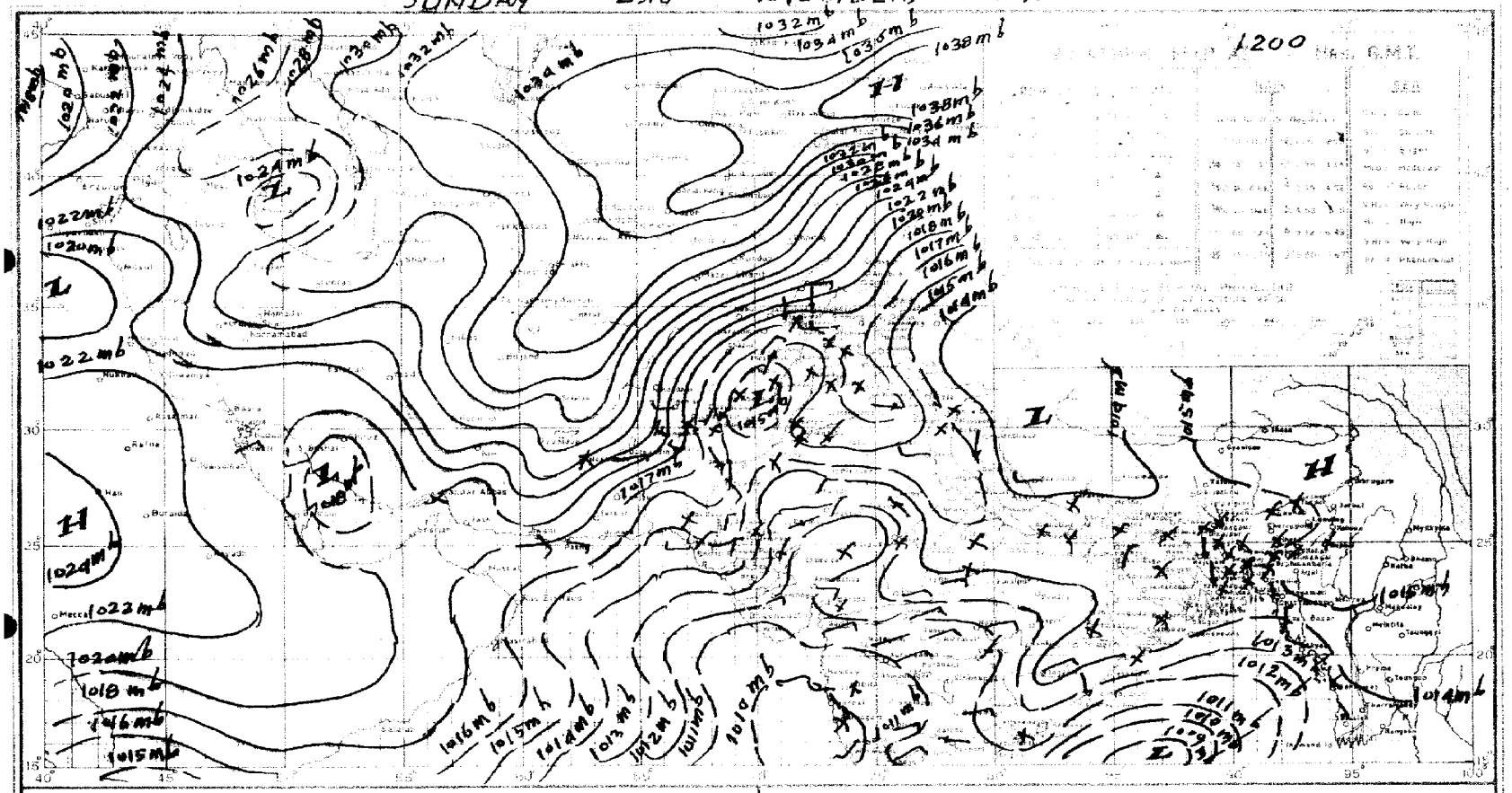
† The actual time of observations may vary within half an hour of the specified time.

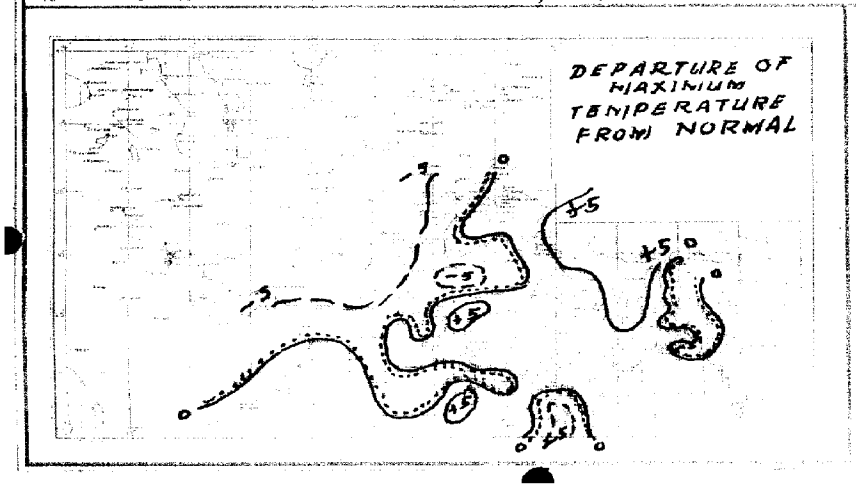
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

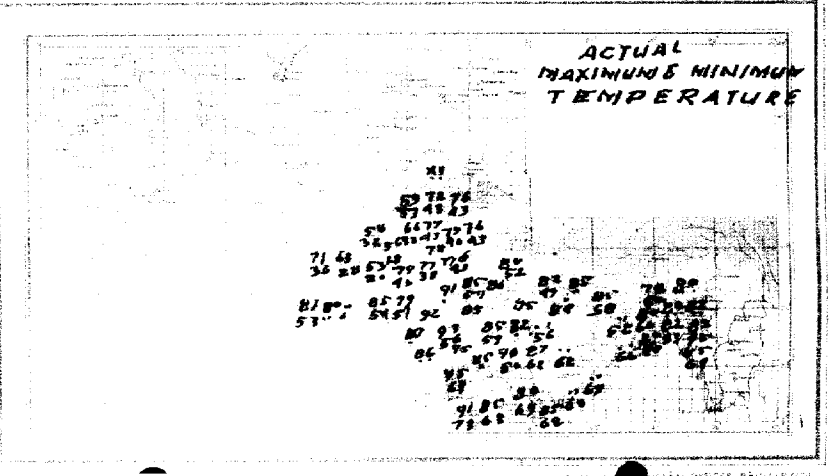
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, If necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd NOVEMBER, 1969.

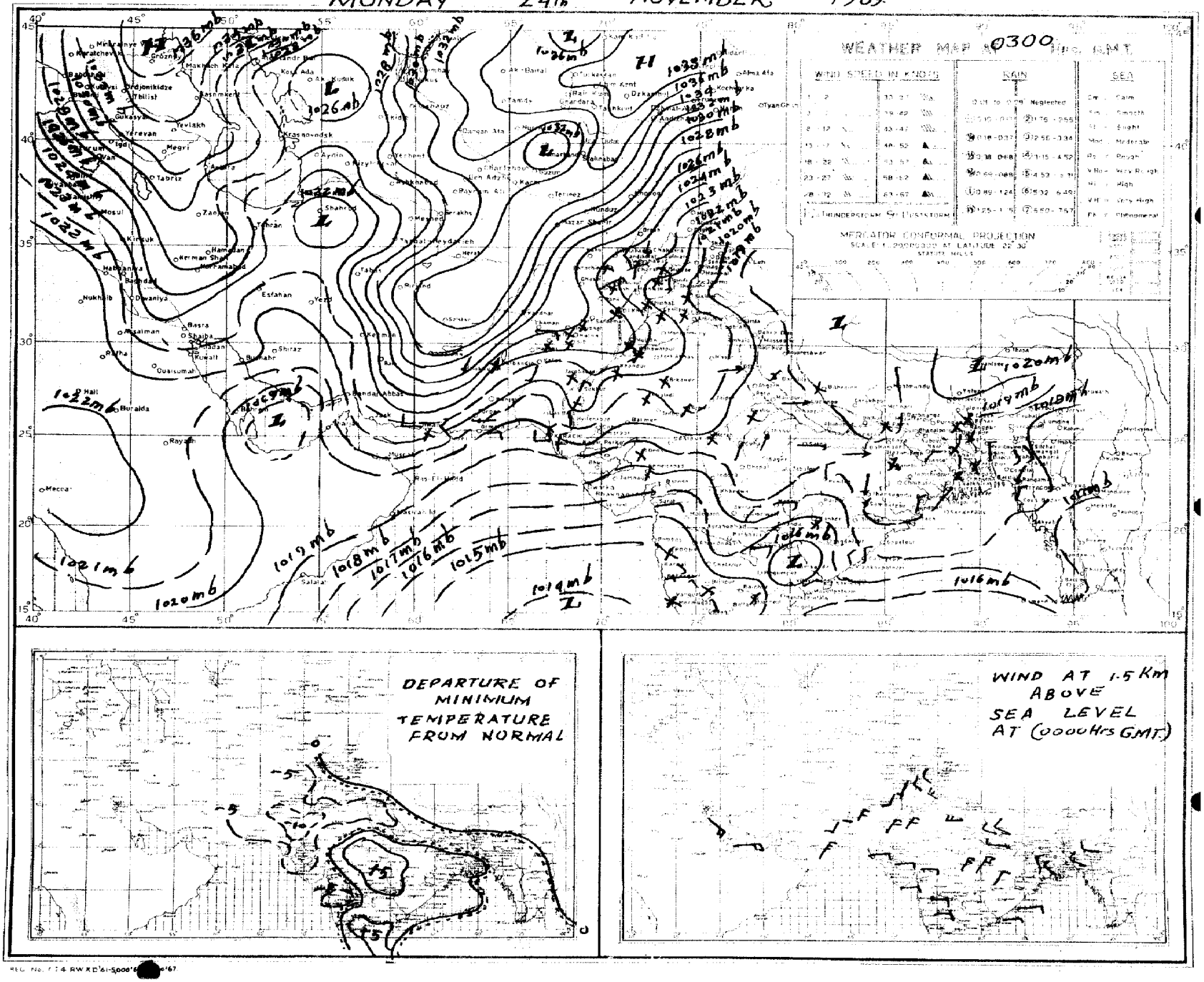






PAKISTAN DAILY WEATHER MAP

MONDAY 24th NOVEMBER 1969



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 25th NOVEMBER 1969.

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

Dry continental air continues to prevail over west Pakistan. A trough of low pressure area lies over northeast Bay of Bengal and adjoining areas. Weather remained dry over the country.

Night temperatures were 7—18 °F (4—10 °C) below normal in Multan, Bahawalpur, Quetta and Kalat divisions and were 3—6 °F (2—3 °C) so in Peshawar, Sargodha and Hyderabad divisions.

Forecast valid until the evening of 26th November 1969 :—A few thunderstorm/showers may occur in Chittagong division. Weather will remain dry elsewhere over the country.

Earth Quake Report :—Seismographs of Geophysical centre Quetta recorded an earth quake of moderate intensity on 24th Nov. 1969 at 22 Hrs. 25 Mts. W.P.S.T. The epicentre lay about 500 miles northeast of Quetta in Hindukash mountains at latitude 36½ °N longitude 71½ °E.

Karachi-11
The 25th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	Maximum temperature °F (TxTx)	As 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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTa)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	—	000	0	0	27	02	95	00	0	156	75	0	0	9	0	0	59	79	000	4	1	18	02	96	01	0	159	72	1	1	7	0	0	67	—	—	1.6	—	109.4	—
	Cox's Bazar	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	07	06	96	05	0	180	73	0	0	9	0	0	68	64	—	0.7	— 2.4	91.9	140
	Chittagong	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	15	02	96	02	0	188	60	0	0	9	3	0	64	60	—	1.2	— 0.8	105.7	108
	Maijdee Court	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	185	72	0	0	9	0	0	58	62	—	0.4	— 1.1	128.6	115
	Comilla	—	000	0	0	00	00	96	02	0	146	81	0	0	9	0	0	60	83	000	0	0	00	00	96	02	0	174	73	0	0	9	0	0	63	70	—	0.5	— 0.7	104.2	94
	Brahmanbaria	—	000	0	0	00	00	//	00	0	150	75	0	0	9	0	0	65	84	000	0	0	00	00	97	00	0	187	76	0	0	9	0	0	67	62	—	1.3	+ 0.3	55.1	78
	Sylhet	—	000	0	7	00	00	//	02	0	147	73	0	0	9	0	1	64	81	000	0	2	09	03	96	00	2	180	70	0	0	9	2	0	64	//	—	1.5	—	149.7	—
	Srimangal	—	000	0	0	00	00	//	02	0	141	69	0	0	9	0	0	64	79	000	0	0	00	00	96	00	0	176	68	0	0	9	0	0	63	54	— 6	— 1	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	—	000	0	0	00	00	97	00	0	163	77	0	0	9	0	0	60	75	000	0	0	00	00	97	00	0	194	72	0	0	9	0	0	62	62	— 2	— 3	—	—	—	91
	Narayanganj	—	000	0	0	00	00	//	00	0	151	81	0	0	9	0	0	64	84	000	0	0	31	02	97	00	0	189	77	0	0	9	0	1	64	...	+ 2	— 1	1.3	+ 0.4	82.1	74
	Dacca (Tejgaon)	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	60	0					—
	Faridpur	—	000	0	0	36	02	93	00	0	137	75	0	0	9	0	0	58	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					71
Khulna	Barisal	—	000	0	1	00	00	//	02	0	///	72	0	0	9	0	0	50	82	000	0	0	00	00	97	02	0	186	73	0	0	9	0	0	67	...	0	+ 4	0.9	— 0.6	65.2	81
	Khulna	—	000	0	0	00	00	97	00	0	149	81	0	0	9	0	0	59	87	000	0	0	00	00	97	00	0	190	77	0	0	9	0	0	64	...	+ 5	+ 3	0.2	— 0.9	61.7	68
	Satkhira	—	000	0	0	00	00	96	00	0	146	73	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	188	72	0	0	9	0	0	67	60	— 2	+ 0	0.2	— 0.6	61.7	65
	Jessore	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	0	00	00	96	05	4	189	72	0	0	9	0	0	//	58	—	— 3	1.1	+ 0.1	62.5	68
Rajshahi	Pabna	—	000	0	0	00	00	//	02	0	156	73	0	0	9	0	0	64	85	000	0	0	00	00	98	02	0	165	73	0	0	9	0	0	64	62	—	—	1.03	—	66.3	—
	Sirajganj	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	191	72	0	0	9	0	0	60	...	—	— 1	0.4	— 0.3	56.7	59
	Rajshahi	—	000	0	0	36	02	94	02	0	160	72	0	0	9	0	0	64	84	000	0	0	00	00	97	02	0	194	72	0	0	9	0	0	63	60	—	—	3.0	—	70.3	—
	Bogra	—	000	0	1	00	00	//	02	0	152	73	1	0	9	7	0	64	82	000	0	0	00	00	96	02	0	189	72	0	0	9	0	0	60	59	+ 1	— 3	1.1	+ 0.3	59.6	69
	Dinajpur	—	000	0	0	00	00	//	00	0	149	75	0	0	9	0	0	60	82	000	0	0	00	00	96	00	0	193	70	0	0	9	0	0	60	59	+ 1	— 1	0.8	+ 0.4	95.8	72
	Rangpur	—	000	0	1	00	00	96	01	0	122	73	1	0	9	1	0	60	79	000	0	0	00	00	96	01	0	188	68	0	0	4	0	0	72	60	— 19	0	1.5	+ 1.1	87.5	84
Kashmir	Jammu	—																																							
Lahore	Lahore (Intl Rd.)	—	000	0	0	00	00	96	02	0	184	73	0	0	9	0	0	47	75	000	0	0	00	00	95	05	0	197	48	0	0	9	0	0	40	43	— 5	— 2	0.0	— 0.1	18.0	19
	Sialkot	—	000	0	0	00	00	97	00	0	///	75	0	0	9	0	0	65	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						32
Rawalpindi	Jhelum	—	000	0	0	30	02	96	02	0	173	73	0	0	9	0	0	49	81	000	0	0	00	00	96	02	0	196	48	0	0	9	0	0	41	43	—	—	0.0	—	31.2	—
	Islamabad	—																																								36
	Rawalpindi	—	000	0	0	27	02	99	00	0	189	65	0	0	9	0	0	33	75	000	0	0	00	00	97	00	0	211	41	0	0	9	0	0	37	40	+ 1	— 2	0.2	— 0.1	33.6	
	Campbellpur	—																																								
Sargodha	Khushab	—	000	0	0	00	//	98	00	0	173	75	0	0	9	0	0	58	81	000	0	0	00	00	98	00	0	191	47	0	0	9	0	0	43	45	+ 1	— 2	0.0	— 0.1	7.8	15
	Sargodha	—	000	0	0	00	00	97	02	0	184	75	0	0	9	0	0	51	81	000	0	0	00	00	97	02	0	189	43	0	0	9	0	0	36	40	—	— 1	0.1	—	20.7	—
	Lyallpur	—	000	0	0	29	02	96	00	0	190	73	0	0	9	0	0	47	//	000	0	0	00	00	95	00	0	200	46	0	0	9	0	0	37	41	/	— 5	0.0	— 0.1	7.7	13
Multan	Sahiwal	—	000	0	0	00	00	96	05	0	196	75	0	0	9	0	0	35	81	000	0	0	00	00	96	04	0	204	45	0	0	9	0	0	32	40	+ 1	— 9	0.0	0.0	11.3	10
	Multan	—	000	0	0	36	01	94	00	0	181	//	0	0	9	0	0	58	//	000	0	0	00	00	96	02	0	228	47	0	0	9	0	0	38	37	—	—	—	—	—	7
	Leiah	—																																								8
Bahawalpur	Khanpur	—	000	0	2	05	03	97	02	0	202	75	0	0	9	0	1	64	//	000	0	0	00	00	96	02	0	198	50	0	0	9	0	0	36	38	—	— 11	0.3	— 0.2	1.4	9
	Bahawalpur	—	000	0	0	00	00	96	00	0	193	75	0	0	9	0	0	45	81	000	0	0	00	00	96	00	0	210	54	0	0	9	0	0	29	43	—	— 5	0.0	—	2.0	6
	Fort Abbas	—	000	0	0	05	02	98	00	0	137	75	0	0	9	0	0	49	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					8
Peshawar	Chakdra	—	000	0	0	36	02	98	02	0	175	65	0	0	9	0	0	43	65																							
	Peshawar	—	000	0	0	00	00	97	02	0	193	69	0	0	9	0	0	43	79	000	0	0	18	03	97	03	0	210	47	0	0	9	0	0	29	43	+ 6	— 3	0.5	+ 0.4	18.0	—
	Haripur	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	05	98	00	0	151	//	0	0	9	0	0	32	40	—	—	1.0	—	24.0	11
D. I. Khan	Bannu	—	000	0	0	16	02	98	00	0	195	73	0	0	9	0	0	30	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	D. I. Khan	—	000	0	0	00	00	97	02	0	192	75	0	0	9	0	0	45	79	000	0	0	31	05	97	02	0	196	52	0	0	9	0	0	16	45	0	— 1	0.0	— 0.1	6.0	11
Quetta	Sibi	—	000	0	0	00	00	97	02	0	174	82	0	0	9	0	0	26	86	000	0	0	00	00	97	02	0	220	//	0	0	9	0	0	41	41	—	—	0.0	—	0.2	9
	Nokkundi	—	000	0	0	00	00	97	02	0	211	70	0	0	9	0	0	23	71	000	0	0	36	05	96	02	0	271	41	0	0	9	0	0	08	37	—	—	0.0	—	0.3	5
Kalat	Turbat	—	000	0	0	05	02	96	00	0	050	82	0	0	9	0	0	//	82	000	0	0	05	03	96	00	0	073	65	0	0	9	0	0	08	//	—	—	0.0	—	0.2	—
	Jiwani	—	000	0	0	09	06	96	01	0	187	78	0	0	9	0	0	//	82	000	0	0	31	05	96	02	0	208	55	0	0	9	0	0	07	53	—	—	0.0	—	2.0	3
	Pasni	—	000	0	0	11	18	97	02	0	192	79	0	0	9	0	0	73	80	000	0	0	29	08	97	02	0	200	67	0	0	0	0	0	60	//	— 2	/	—	— 0.1	0.0	6
Karachi division	Ormara	—	000	0	1	00	00	96	42	2	184	80	1	0	9	0	0	76	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Lasbela	—	///	0	2	00	00	98	00	0	174	80	0	0	8	0	0	32	91	///	0	0	00	00	98	00	0	196	56	0	0	8	0	0	28	40	/	—	0.0	—	0.7	6
	Karachi (Manora)	—	000	0	5	05	03	97	03	0	180	77	0	0	9	0	0	58	85	000	0	0	02	02	96	02	0	197	59	0	0	9	0	0	24	56	+ 3	—	0.0	—	1.5	8
	Karachi (Airport)	—	000	0	4	05	05	96	02	0	175	82	0	0	9	0	2	22	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Hyderabad	Nagarparkar	—	000	0	0	05	02	97	02	0	050	67	0	0	0	0	0	64	92																		—	—	—	—	—	7
	Chhor	—	000	0	1	36	07	96	02	0	166	83	0	0	9	0	1	23	88	000	0	0	00	00	96	00	0	196	58	0	0	9	0	0	//	50	—	—	0.0	—	0.0	9
	Hyderabad	—	000	0	0	31	05	97	03	0	108	77	0	0	9	0	1	32	79	000	0	1	36	02	97	02	0	209	56	0	0	9	0	1	37	55	— 6	— 2	0.0	— 0.0	6.3	
	Badin	—	000	0	0	36	08	97	02	0	178	82	0	0	9	0	0	34	83	000	0	0	36	08	97	02	0	186	85	0	0	9	0	0	34	54	— 4	— 4	0.0	— 0.2	0.3	
Khairpur	Padidan	—	000	0	2	36	05	97	01	0	190	77	0	0	9	0	1	22	79	000	0	0	36	02	96	02	0	234	44	0	0	9	0	0	33	38	—	—	0.0	—	0.8	—
	Nawabshah	—	000	0	2	36	03	96	01	0	207	78	2	0	9	0	0	43	80	000	0	0	00	00	96	02	0	214	48	0	0	9	0	0	39	42	—	—	0.0	—	1.1	4
	Sukkur	—	000	0	0	05	02	96	02	0	197	77	0	0	9	0	0	45	78	000	2	0	13	05	95	05	4	207	49	0	0	9	0	0	45	46	—	—	0.0	—	0.1	—
	Kashmore	—																																								4
	Jacobabad	—	000	0	0	27	02	97	01	0	200	76	0	0	9	0	0	21	79	000	0	0	27	03	96	02	0	226	51	0	0	9	0	0	29	//	— 3	/	0.1	+ 0.1	2.8	20
Junagadh	Veraval	—																																								24
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	** ...																																								26
	Sonamarg	** ...																																								—
	Dras	** ...																																								3
	Leh	** ...																																								6
	Skardu	* ...																																								—
	Misgar	** ...																																								—
	Aliabad	* ...																																								3
	Gilgit	* ...																																								59
Rawalpindi	Murree	* ...	000	0	0	27	05	98	00	0	544	51	0	0	9	0	0	24	58	000	0	0	05	09	98	00	0	541	48	0	0	9	0	0	//	40	+ 4	0	1.0	+ 0.3	41.0	18
Peshawar	Dresh	* ...	000	0	0	09	10	97	02	0	///	//	0	0	9	0	0	21	58	000	0	0	05	03	98	02	0	585	41	0	0	9	0	0	40	40	— 4	— 2	—	—	—	39
	Chitral	* ...	000	0	0	36	05	98	00	0	558	//	0	0	9	0	0	//	60	000	0	0	36	18	98	00	0	547	52	0	0	9	0	0	46	52	— 3	+ 5	0.6	+ 0.4	15.0	—
	Kakul	* ...	000	0	0	16	02	98	02	0	553	58	0	0	9	0	0	33	60	000	0	0	06	02	98	02	0	539	50	0	0	9	0	0	27	//	—	—	1.0	—	34.0	—
	Landikotal	* ...	000	0	0	05	05	98	02	0	///	//	0	0	9	0	0	59	64	000	0	0	36	02	98	02	0	450	50	0	0	9	0	0	43	40	—	—	0.7	—	19.6	29
	Prachinar	* ...	000	0	0	00	00	98	02	0	///	58	0	0	9	0	0	44	62	000	0	0	00	00	98	02	0	562	40	0	0	9	0	0	13	//	+ 1	/	0.6	—	22.2	13
D.I. Khan	Miranshah	* ...	000	0	0	05	05	99	01	0	505	73	0	0	9	0	0	45	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						11
	Wana	* ...	000	0	0	00	00	99	00	0	///	56	0	0	9	0	0	44	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						11
Quetta	Fort Sandeman	* ...	000	0	0	31	02	98	02	0	550	62	0	0	9	0	0	//	67	000	0	0	00	00	98	02	0	545	38	0	0	9	0	0	//	32	— 0	— 5	—	—	—	—
	Hindubagh	* ...	000	0	0	23	03	97	02	0	529	54	0	0	9	0	0	45	56	000	0	0	00	00	97	02	0	542	40	0	0	9	0	0	//	32	—	—	0.0	—	0.2	86
	Loralai	* ...	000	0	0	27	02	98	01	0	390	09	0	1	8	0	0	45	69	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	45	—	—	0.1	—	0.4	—
	Barkhan	* ...	000	0	0	31	05	97	02	0	488	60	0	0	9	0	0	20	65	000	0	0	36	02	97	02	0	532	52	0	0	9	0	0	17	43	—	—	0.0	—	1.0	14
	Harnai	* ...	000	0	0	00	00	96	02	0	512	63	0	0	9	0	0	20	57	000	0	0	00	00	96	02	0	479	39	0	0	9	0	0	12	//	—	—	0.0	— 0.2	5.6	9
	Samungli (Quetta)	* ...	000	0	0	27	05	96	02	0	570	56	0	0	9	0	0	45	58	000	0	0	00	00	96	02	0	593	35	0	0	9	0	0	02	34	—	—	—	—	—	—
	Chaman	* ...	000	0	0	27	03	97	00	0	559	55	0	0	9	0	0	21	59	000	0	0	09	03	97	00	0	572	37	0	0	9	0	0	19	37	— 8	— 4	0.0	— 0.1	4.8	8
	Nushki	* ...	000	0	0	31	03	97	02	0	613	61	0	0	9	0	0	20	65	000	0	0	07	03	97	02	0	615	47	0	0	9	0	0	13	41	—	—	0.0	—	2.6	4
	Dalbandin	* ...	000	0	0	05	03	97	02	0	575	//	0	0	9	0	0	//	67	000	0	0	00	00	98	02	0	546	33	0	0	9	0	0	09	29	— 6	— 7	—	—	—	7
Kalat	Kalat	* ...	000	0	0	31	02	96	02	0	532	63	0	0	9	0	0	19	47	000	0	0	13	02	96	02	0	652	25	0	0	9	0	0	22	20	— 14	— 9	0.0	— 0.1	2.2	70
	Khuzdar	* ...	000	0	0	13	02	97	02	0	547	44	0	0	9	0	0	//	67	000	0	0	00	00	96	02	0	548	42	0	0	9	0	0	07	39	—	—	0.3	—	3.5	5
	Panjgur	* ...	000	0	0	36	10	96	02	0	576	//	0	0	9	0	0	25	67	000	0	0	05	03	96	02	0	553	39	0	0	9	0	0	17	35	— 4	—	0.0	—	8.2	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs.G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day. When ever 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 25th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rd_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
City of Ottawa	99 2 26	10 6 56	24 0 03	00 1 42	98 0 70	17 0 25	00 9 00	13 6 02			0// 14	12 6 55	30 3 01	
Gul Italian	99 2 36	10 5 91	24 0 03	39 9 01	99 0 11	20 7 22	00 9 01	34 2 01			0// 8	12 8 58	30 2 01	
City of Ottawa	99 2 39	10 6 64	24 0 63	10 5 19	98 0 20	21 0 24	00 9 02	13 1 20			0// 11	12 5 64	30 5 04	
Dorcasia	99 1 67	10 6 78	24 0 63	50 5 18	98 0 22	14 / 29	...	...			...	...	...	
Hineagtxl	99 2 48	10 6 24	24 0 63	00 4 13	99 0 20	21 6 73	00 0 00	23 1 15			05 5 49	17 0 11	30 3 01	
Gulf Italian	99 2 22	10 5 99	24 0 63	03 5 20	98 0 00	21 6 26	00 9 00	44 4 00			0// 14	12 5 64	30 4 00	
Thinea	99 2 48	10 6 39	24 1 20	10 8 03	99 0 20	18 6 77	00 0 05	23 6 10			05 3 61	10 9 03	30 3 01	
Bsalaskce	99 2 20	10 5 98	24 0 23	20 1 18	99 0 20	21 1 26	21 5 01	54 7 10			05 2 13	12 7 08	50 6 83	
City of Ottawa	99 2 13	16 4 7/	23 1 83	/0 4 12	98 0 31	17 1 25	00 9 07	13 1 09			0// 17	12 6 89	30 4 02	
Hinca	99 2 48	10 6 54	24 1 83	00 8 02	99 0 20	20 5 76	00 0 00	23 2 10			05 4 51	18 0 20	30 5 01	

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	015 148 10	...	500 070 56	087 000 56	573 115 57	742 199 57	949 /31 56	216 575 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	015 250 50	...	550 200 16	213 128 33	574 065 //	745 17! //	956 305 //	237 425 //	...	...			
Multan ...	00 00	004 050 30	...	600 110 61	156 005 6!	577 215 //	738 305 //	937 425 //	197 555 //	...	...	...	...	...
Peshawar ...	00 00	977 078 48	...	500 150 60	144 070 57	592 105 //	751 201 //	092 8// //	...	...	...	...	...	...
Quetta ...												...	...	...
Sargodha ...	00 00	996 140 57	...	500 110 60	051 031 56	659 161 //	734 261 //	938 361 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	900 096 50	800 048 56	600 047 50	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...				MISDA	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	340 07	340 10	330 09	315 15	305 17	...			
Bogra ...	290 08	300 07	305 06	310 10	315 18	310 22	..	...	...
Chaklala ...	...	295 00	320 05	025 04	055 03	065 09	010 04	320 //	290 25
Chhor ...	010 16	005 07	005 07	340 03	240 10	275 21	245 21	250 26	255 40
Chittagong ...	335 06	340 04	175 03	160 04	015 04	250 10	...	...	..
Cherat ...	...	...	...	...	...	...	..	...	...
Cox's Bazar ...	325 13	325 13	335 10	130 07	155 13	185 15	...	...	...
Dacca ...	325 05	325 06	325 07	365 11	320 15	325 09	...	...	..
Dalbandin ...	..	...	070 00	010 14	030 19	285 15	222 08	230 18	260 22
D. I. Khan ...	...	-	...	...	-	...	...	..	-
Drosh ...	...	.	...	...	...	...			
Fort Sandeman ...	.	..	...	310 02	020 03	010 03	305 46	290 23	265 27
Gilgit ...	.	...	..	245 01	300 10	290 06	320 07	340 08	300 08
Ishurdi ...	...				...	...	...	...	..
Jacobabad ...	320 01	060 05	055 07	040 06	020 07	315 05	060 25	260 29	250 46
Jessore ...	340 12	340 13	335 11	345 12	345 17	310 08	...		...
Jhelum ...	285 08	305 11	310 11	2?0 06	150 04	080 15	/// //	300 11	295 24
Jiwani ...	090 07	045 08	045 07	150 03	180 07	170 07	225 16	230 25	230 34
Karachi ...	045 17	050 17	045 17	020 08	240 09	..	...	...	...
Khanpur ...	075 10	055 08	055 10	050 06	075 06	010 10	350 28	330 32	335 31
Khuzdar ...	...			125 03	340 03	300 06	261 20	275 23	230 37
Lahore ...	300 06	295 07	295 10	305 11	350 07	340 06	065 03	020 07	355 07
Multan ...	350 02	345 06	350 09	345 10	340 11	340 11	300 08	300 20	300 30
Nawab Shah ...	010 09	025 09	055 07	095 02	270 10	260 14	225 27	250 43	255 50
Nokkundi ...	...	...	215 04	315 06	035 07	005 05	260 14	250 16	245 22
Panjgur ...		..	...	055 08	060 04	085 02	255 11	235 11	250 13
Peshawar ...	...	210 02	305 05	320 12	350 07	040 //	005 00	//5 07	320 //
Parachinar ...	..	...	...	..		...			
Quetta ...	...	...		...	305 10	320 03	295 11	275 15	265 12
Sargodha ...	310 07	325 08	330 08	335 10	320 10	010 06	295 14	280 22	...
Skardu ...	...				...		...	..	...
Sylhet ...	255 01	305 01	290 03	190 02	305 08	265 31	..	...	...
Veraval ...	...	...		...	...			..	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...						
Bogra ...						
Chaklala ...	320 05	320 04	325 04	280 15	301 51	300 27
Chhor ...	...	310 03	335 09	360 13	355 //	005 13
Chittagong ...	055 20	060 17	025 12	005 09	275 12	260 17
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	..	...	...
Dacca ...		...		..	...	...
Dalbandin ...	340 04	340 03	320 06	..	300 21	...
D. I. Khan ...	...	...	070 05	055 12	030 09	2?0 04
Drosh ...	265 10	265 11	300 //	360 13	045 09	115 06
Fort Sandeman ...	...	...	..	035 04	070 05	361 19
Gilgit ...	...	...	..	205 02	315 05	325 05
Ishurdi ...	...	..	..	280 02	250 13	220 08
Jacobabad ...	...	...	..			
Jessore ...	320 06	325 06	/// //	355 03	// //	285 08
Jhelum ...	035 07	030 0?	015 09	310 15	335 13	280 14
Jiwani ...	340 12	305 09	320 07	340 15	325 08	285 04
Karachi ...	010 21	010 17	045 04	345 02	055 03	155 10
Khanpur ...	...			...		
Khuzdar ...	240 10	220 05	190 07	150 06	150 12	125 30
Lahore ...	...			...		
Multan ...	270 11	285 09	285 04	300 06	260 05	245 06
Nawab Shah ...	270 09	310 04	320 06	330 11	340 13	293 13
Nokkundi ...	015 08	025 08	010 07	270 02	260 03	210 03
Panjgur ...	..	...	140 04	175 04	210 07	245 07
Peshawar ...	...			030 13	010 15	345 ?1
Parachinar ...	..	150 06	180 05	310 09	335 15	360 13
Quetta ...	...	..	...	300 03	115 03	
Sargodha ...	...				310 03	305 05
Skardu ...	285 08	345 06	350 08	015 12	010 09	315 05
Sylhet ...				315 02		
Veraval ...	145 05	180 01	220 01	135 01	070 03	255 14

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...											
Bogra ...											
Chaklala ...	010 04	350 06	340 11	295 11	275 03	280 20	...	...	...	...	...
Chhor ...	295 04	320 05	320 05	300 13	310 11	290 40		...	...	...	...
Chittagong ...	..	230 63	315 01	050 04	020 04	020 09	305 16	295 27	290 25		...
Cherat ...	050 11	030 12	350 10	260 14	275 16	275 21	270 25	260 36	260 49	...	...
Cox's Bazar ...	335 12	330 02	330 03	265 02	245 08	250 15	265 25	270 35	275 35	275 39	275 47
Dacca ...		...	...	...	...			...	...	...	—
Dalbandin ...	045 02	125 01	125 01	155 02	203 07	300 10	305 29	320 22	320 23	345 25	...
D. I. Khan ...	330 08	345 06	345 10	330 18	305 12	275 21	275 29	285 40	305 47	290 50	..
Drosh ...	...	.	080 10	045 13	010 09	351 0/	270 15	275 16	270 19	...	...
Fort Sandeman ...	305 11	355 13	290 10	280 54	310 03	065 01	345 09	325 09	325 13	...	...
Gilgit ...	-	...	-						...	...	—
Ishurdi ...	...	...	-	220 06	215 12	305 13	300 07	310 08	335 08	...	...
Jacobabad ...	..	...	.	055 01	278 06	310 11	04/ 09	100 07	070 10	...	..
Jessore ...	320 11	335 08	335 08	330 07	290 05	340 04	290 13	275 19	280 25	..	.
Jhelum ...	030 08	035 08	330 08	335 09	305 12	280 18	085 44	270 47	270 43	260 61	260 63
Jiwani ...	350 05	326 04	310 02	275 07	275 07	320 04	/// //	300 23	320 02	...	...
Karachi ...	050 16	060 14	060 07	275 02	250 12	265 03	330 10	290 19	285 22	...	...
Khanpur ...	065 06	060 12	045 10	310 10	280 14	265 16	270 18	285 16	260 37		...
Khuzdar ...	185 09	190 15	210 17	210 15	250 21	250 16	265 19	...	275 29		...
Lahore ...			...						...		
Multan ...	335 02	320 06	275 06	240 07	130 04	345 07	300 19	290 26	280 25	...	-
Nawab Shah ...	...								...	...	...
Nokkundi ...	025 09	020 10	010 11	355 08	390 04	275 10	270 19	285 25	280 26	...	...
Panjgur ...	..		100 06	360 03	245 05	290 05	270 11	250 12	230 17	...	...
Peshawar ...	..			015 08	245 05	275 25	280 21	203 7/	265 49	...	...
Parachinar ...	...	150 03	070 02	305 08	345 02	360 04	305 18	300 23	300 26	...	...
Quetta ...	...	...	...							...	—
Sargodha ...	..	...			305 04	295 04	270 13	265 25	255 33	..	...
Skardu ...	030 03	345 07	345 07	310 03	330 5/	150 9/	310 15	305 75	275 19	...	...
Sylhet ...	...	..	..	...	...	..	-	...	...	..	..
Veraval ...	...	...	...	...	...	...	..	...	...	..	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	275 17	310 12	310 09	005 06	065 07	120 08	250 28	235 34	250 33	...	...	...	...	...	...	...	...	..
Multan ...	290 15	290 12	290 08	330 06	240 08	335 06	310 18	185 27	225 30	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

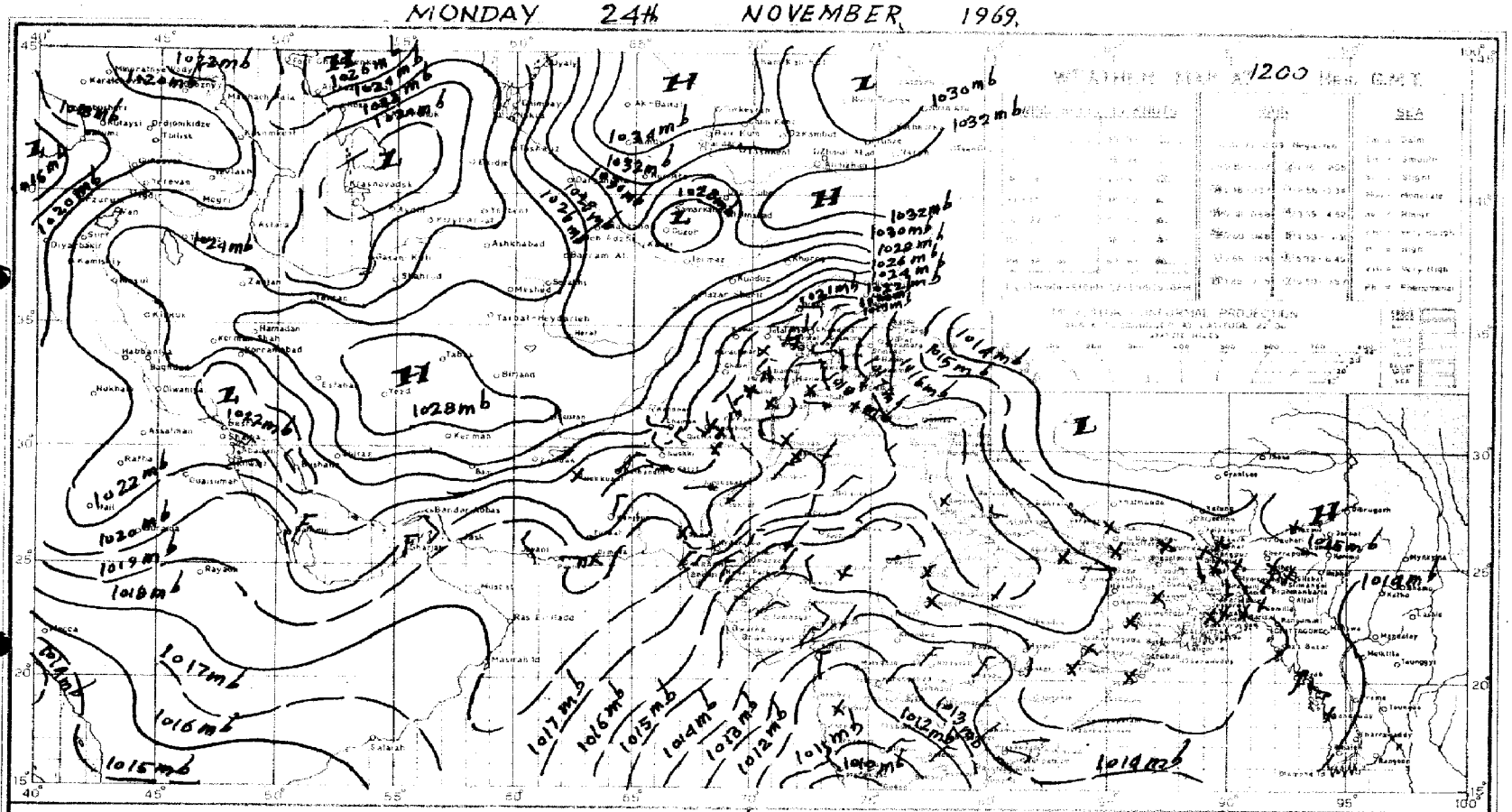
† The actual time of observations may vary within half an hour of the specified time.

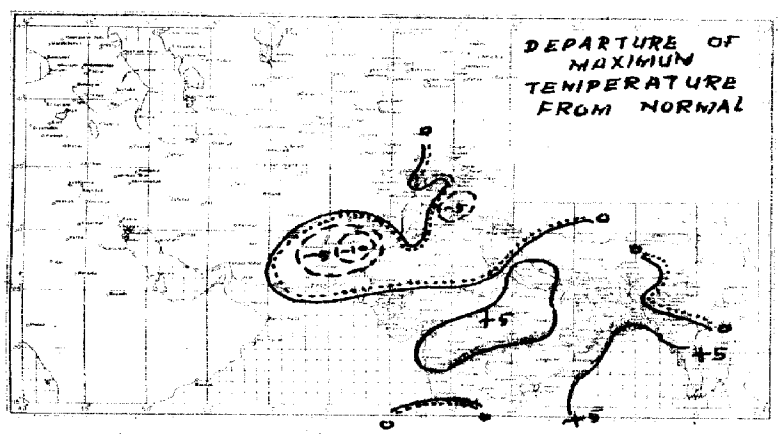
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

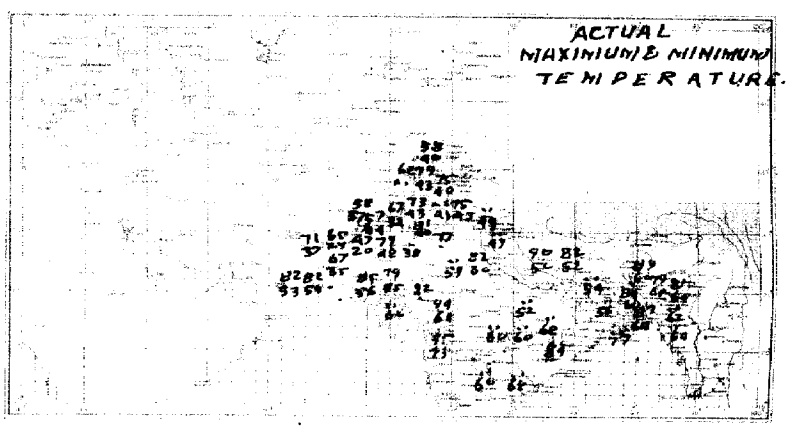
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 24th NOVEMBER 1969.



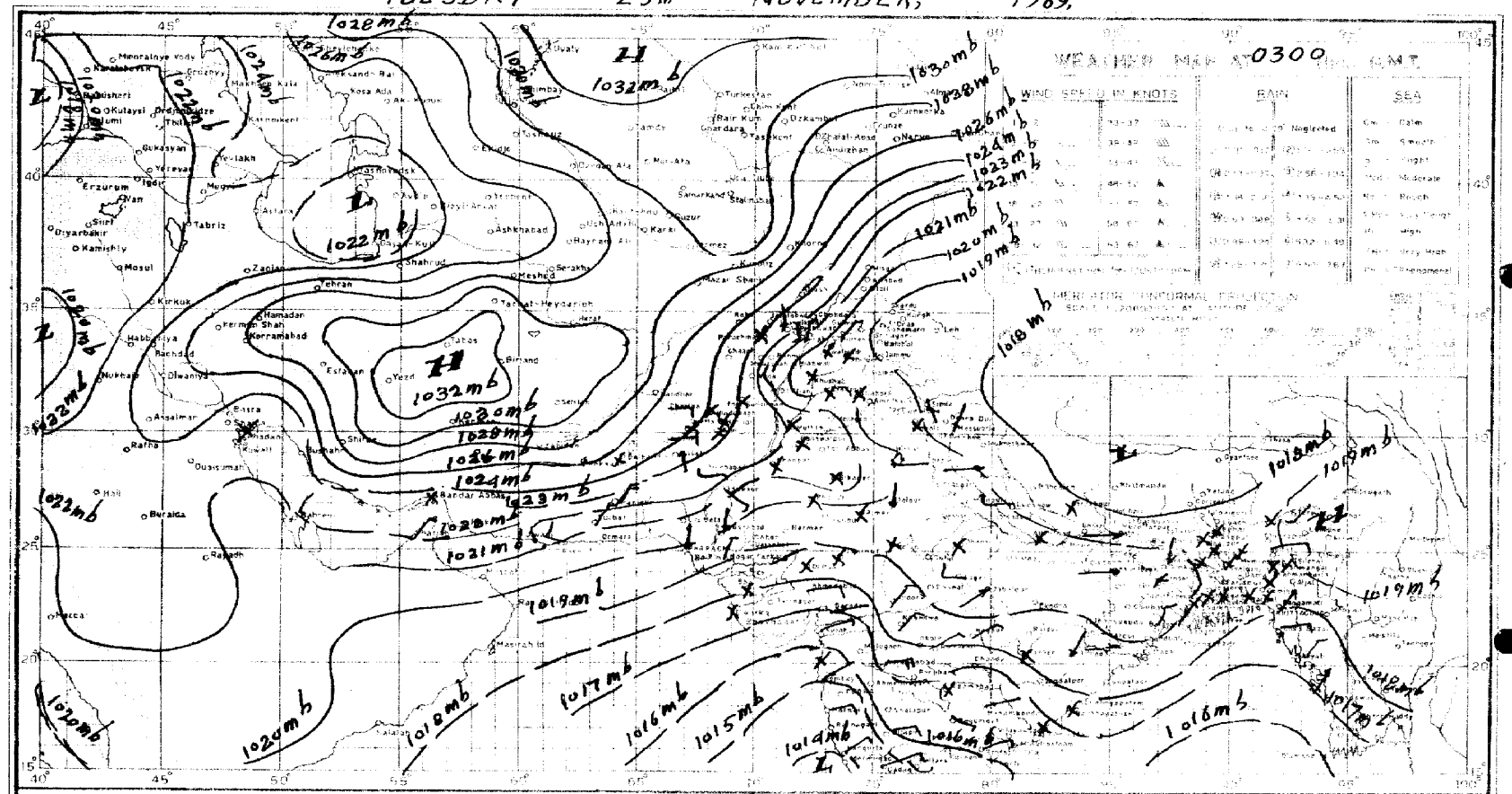


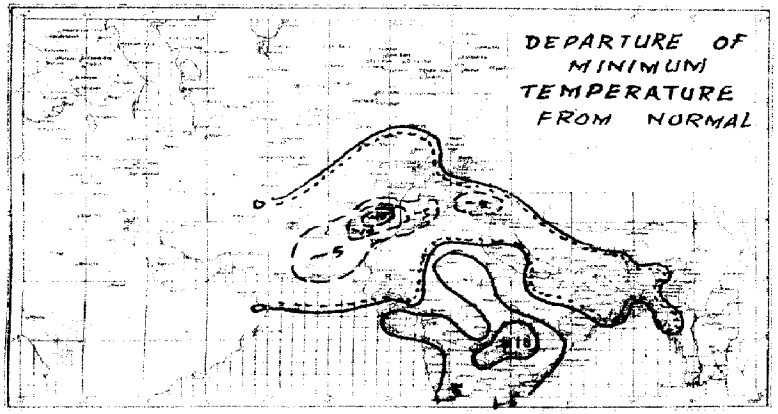


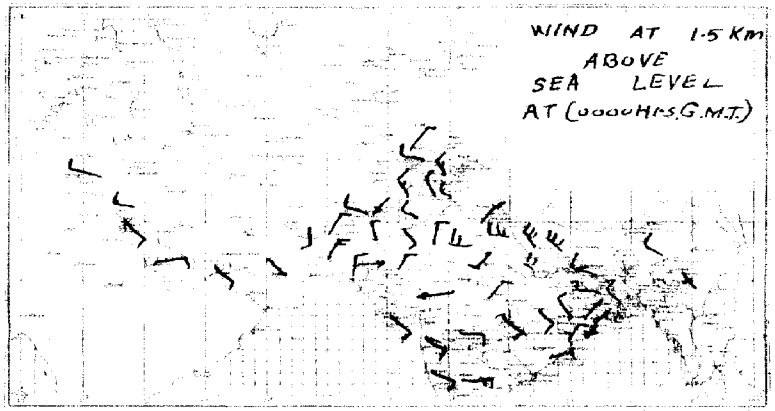
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 25th NOVEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 26th NOVEMBER 1969.

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—6 °F (2—3 °C) above normal in Peshawar division and 7—13 °F (4—7 °C) below normal in Lahore, Bahawalpur, Multan and Hyderabad divisions and 3–6 °F (2–3 °C) so in Rajshahi, Sargodha, Quetta, Kalat and Khairpur division.

Forecast valid until the evening of 27th November 1969 : —Weather will remain dry over the country.

Karachi-11
The 26th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	000	0	3	34	06	//	03	0	144	77	2	4	5	3	0	67	85
	Chittagong	000	0	1	31	02	//	01	0	150	78	0	0	9	0	1	64	82
	Maijdee Court	000	9	0	00	00	//	00	0	136	77	0	0	9	0	0	58	82
	Comilla	000	0	0	00	00	96	00	0	141	77	0	0	9	0	0	64	82
	Brahmanbaria	000	0	4	00	00	//	03	1	150	76	0	0	9	0	4	67	65
	Sylhet	000	0	3	00	00	//	01	0	142	73	2	5	4	3	0	63	80
	Srimangal	000	0	0	00	00	//	00	0	145	67	0	0	9	0	0	63	82
Dacca	Mymensingh	000	0	0	00	00	96	02	0	///	73	0	0	9	0	0	60	78
	Narayanganj	000	0	0	00	00	//	//	/	144	76	0	0	9	0	0	60	82
	Dacca (Tezgaon)	000	0	1	00	0	96	02	0	149	73	0	0	9	0	0	60	82
	Faridpur	000	0	0	36	02	93	//	/	140	77	0	0	9	0	0	59	80
Khulna	Barisal	000	0	0	00	00	//	02	0	149	72	0	0	9	0	0	64	82
	Khulna	000	0	0	00	00	97	00	0	147	82	0	0	9	0	0	68	87
	Satkhira	000	0	0	00	00	95	00	0	155	80	0	0	9	0	0	60	85
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	0	00	00	//	00	0	119	78	0	0	9	1	0	64	82
	Sirajganj	000	0	0	00	00	//	//	/	172	73	0	0	9	0	0	63	80
	Rajshahi	000	0	1	00	00	94	00	1	155	73	0	0	9	0	8	63	85
	Bogra	000	0	2	00	00	//	02	0	162	72	0	0	9	0	1	59	80
	Dinajpur	000	0	0	00	00	//	00	0	151	73	0	0	9	0	0	59	82
	Rangpur	000	0	0	00	00	96	01	0	124	68	0	0	9	0	0	63	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	96	02	0	159	72	0	0	9	0	0	45	77
	Sialkot	000	0	0	00	00	//	//	/	173	76	0	0	9	0	0	67	80
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	153	70	0	0	9	0	0	45	82
	Islamabad																	
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	000	0	1	27	03	97	03	0	159	72	0	0	9	0	2	//	82
	Lyallpur	000	0	0	00	00	96	00	0	160	73	0	0	9	0	0	47	78
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	163	76	0	0	9	0	0	38	85
	Leiah	000	0	0	36	00	94	00	0	///	73	0	0	9	0	0	58	73
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	161	77	0	0	9	0	0	43	80
	Bahawalpur	000	0	0	00	00	96	08	0	171	82	0	0	9	0	0	43	86
	Fort Abbas	///	/	0	23	02	98	00	0	134	78	0	0	9	0	0	63	78
Peshawar	Chakdra	000	0	0	36	02	98	02	0	144	64	0	0	9	0	0	41	67
	Peshawar	000	0	0	00	00	97	02	0	165	70	0	0	9	0	0	47	76
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	8	13	02	95	00	0	164	73	0	0	9	0	0	//	78
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi	000	0	0	00	00	97	02	0	477	80	0	0	9	0	0	42	82
	Nokkundi	000	0	0	23	03	97	02	0	190	71	0	0	9	0	0	//	72
Kalat	Turbat	000	0	0	36	02	96	00	0	037	81	0	0	9	0	0	//	81
	Jiwani	000	0	2	18	03	96	02	0	177	79	0	0	9	0	1	//	85
	Pasni	000	0	0	11	04	97	02	0	171	82	0	0	0	0	0	73	87
Karachi division	Ormara	000	0	1	18	05	96	02	2	///	79	1	0	9	0	0	39	85
	Lasbela	///	/	2	00	00	96	00	0	164	69	0	0	8	0	0	30	91
	Karachi (Manora)	000	0	2	27	03	97	02	0	161	78	0	0	9	0	1	52	85
	Karachi (Airport)	000	0	2	09	05	96	03	0	160	83	0	0	9	0	2	//	86
Hyderabad	Nagarparker																	
	Chhor	000	0	0	36	03	96	02	0	158	82	0	0	9	0	0	//	86
	Hyderabad	000	0	0	31	03	97	02	0	171	77	0	0	9	0	0	34	81
	Badin	000	0	0	36	06	97	02	0	163	83	0	0	9	0	0	33	84
Khairpur	Padidan	000	0	0	00	00	96	02	0	170	79	0	0	9	0	0	34	80
	Nawabshah	000	0	0	00	00	//	02	0	181	78	0	0	9	0	0	43	82
	Sukkur	000	2	0	23	02	96	02	0	154	82	0	0	9	0	0	45	84
	Kashmore																	
	Jacobabad	000	0	0	27	02	97	02	0	165	79	0	0	9	0	0	27	82
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	09	03	98	00	0	525	49	0	0	9	0	0	25	58
Peshawar	Drosh *	000	0	0	05	05	98	02	0	632	60	0	0	9	0	0	//	67
	Cherat *	000	0	0	36	02	98	00	0	579	58	0	0	9	0	0	//	63
	Kakul *	000	0	0	00	00	98	02	0	528	60	0	0	9	0	0	36	67
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar *	000	0	0	13	03	98	02	0	536	58	0	0	9	0	0	//	63
D.I. Khan*	Miranshah *	000	0	0	05	05	99	00	0	543	72	0	0	9	0	0	58	73
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	524	65	0	0	9	0	0	//	66
	Hindubagh *	000	0	0	23	03	96	02	0	522	58	0	0	9	0	0	//	59
	Loralai *	000	0	0	27	02	98	00	0	390	//	0	0	9	0	0	//	86
	Barkhan *	000	0	0	31	05	98	02	0	532	66	0	0	9	0	0	//	//
	Harnai *	000	0	0	00	00	//	02	0	522	62	0	0	0	0	0	//	//
	Samungli (Quetta) *	000	0	0	31	03	96	02	0	545	53	0	0	9	0	0	//	56
	Chaman *	000	0	0	27	03	97	00	0	578	60	0	0	9	0	0	//	62
	Nushki *	000	0	0	31	05	97	02	0	605	61	0	0	9	0	0	//	61
	Dalbandin *	000	0	0	00	00	97	02	0	562	65	0	0	9	0	0	//	67
Kalat	Kalat *	000	0	0	34	02	96	02	0	520	52	0	0	9	0	0	//	54
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	0	36	09	96	02	0	545	64	0	0	9	0	0	//	69

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	1	27	02	95	02	0	151	75	1	1	7	0	0	59	//		—	1.6	—	102.4	—
	Cox's Bazar	000	0	1	04	09	97	02	0	171	76	1	1	5	0	0	63	67		+ 3	0.7	— 2.5	91.9	140
	Chittagong	000	0	2	05	03	96	03	0	175	69	1	1	5	0	2	62	60	0	— 2	1.2	— 0.8	105.7	108
	Maijdee Court	000	9	0	00	00	97	00	0	165	64	0	0	9	0	0	//	//	0	/	0.4	— 1.1	/////	115
	Comilla	000	0	0	31	05	96	02	0	173	73	0	0	9	0	0	60	64	—	+ 4	0.5	— 0.7	104.2	94
	Brahmanbaria	000	0	0	00	00	96	00	0	170	73	0	0	9	0	0	64	60	—	—	1.3	+ 0.3	55.1	78
	Sylhet	000	0	0	09	02	96	02	0	174	//	0	0	9	0	0	62	60	—	—	1.5	—	149.7	—
	Srimangal	000	0	0	00	00	96	00	0	170	//	0	0	9	0	0	64	51	— 3	— 4	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	180	70	0	0	9	0	0	63	59	— 3	— 2	—	—	—	91
	Narayanganj	000	0	0	00	00	97	00	0	176	79	0	0	9	0	0	58	62	0	0	1.3	+ 0.5	82.1	74
	Dacca (Tezgaon)	000	3	0	36	02	96	05	4	177	69	0	0	9	0	0	62	59	—	—	—	—	—	—
	Faridpur	000	0	0	00	00	97	00	0	177	73	0	0	9	0	0	60	58	— 1	— 1	—	—	—	71
Khulna	Barisal	000	0	0	00	00	97	02	0	175	73	0	0	9	0	0	59	58	0	— 3	1.0	— 0.6	65.2	81
	Khulna	000	0	0	00	00	97	00	0	180	81	0	0	9	0	0	69	//	+ 5	/	0.2	— 1.0	61.7	68
	Satkhira	000	0	0	36	02	97	00	0	180	69	0	0	9	0	0	60	60	+ 1	+ 3	0.2	— 0.6	61.7	65
	Jessore	000	0	0	00	00	96	05	0	178	73	0	0	9	0	0	60	58	—	—	1.1	+ 0.1	62.5	46
Rajshahi	Pabna	000	0	0	31	02	97	02	0	175	73	0	0	9	0	0	59	59	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	98	00	0	182	69	0	0	9	0	0	59	58	— 1	—	0.4	— 0.3	56.5	64
	Rajshahi	000	0	0	13	02	97	02	0	178	73	0	0	9	0	0	60	59	—	—	3.0	—	70.3	—
	Bogra	000	0	2	18	02	96	02	0	173	68	0	0	9	0	1	58	56	— 1	— 3	1.1	+ 0.4	59.6	69
	Dinajpur	000	0	0	00	00	96	00	0	186	65	0	0	9	0	0	58	54	+ 1	— 3	0.8	+ 0.4	95.4	72
	Rangpur	000	0	1	00	00	96	03	0	177	65	1	0	9	1	0	58	50	— 3	+ 8	1.5	+ 1.1	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	//	//	/	187	50	0	0	9	0	0	40	43	— 3	0	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	92	//	/	169	50	0	0	9	0	0	65	33	+ 3	— 13	—	—	—	32
Rawalpindi	Jhelum	000	0	0	00	00	94	00	0	188	43	0	0	9	0	0	41	41	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	200	41	0	0	9	0	0	38	40		— 1	0.2	— 0.1	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	98	00	0	184	49	0	0	9	0	0	38	43		+ 2	0.0	— 0.1	7.8	15
	Sargodha	000	0	0	36	03	96	04	0	163	41	0	0	9	0	0	38	38	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	99	00	0	186	45	0	0	9	0	0	38	40	0	— 5	0.0	— 0.1	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	2	00	00	94	//	/	187	45	2	0	9	3	0	38	40	+ 5	— 7	0.0	— 0.1	11.3	7
	Leiah	000	0	0	36	01	92	80	0	200	40	0	0	9	0	0	//	38		—	—		—	8
Bahawalpur	Khanpur	000	0	2	00	00	96	04	0	182	50	0	0	9	0	0	33	38	— 3	— 9	0.3	+ 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	177	54	0	0	9	0	0	//	43	+ 5	— 4	0.0	— 0.1	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	05	07	98	02	0	209	38	0	0	9	0	0	//	38	—	—	—	—	—	—
	Peshawar	000	0	0	18	02	97	02	0	159	45	0	0	9	0	0	35	43	+ 3	— 2	0.5	+ 0.3	14.8	11
	Haripur	000	0	/	05	03	97	00	0	189	51	0	0	9	0	0	32	43	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	0	27	02	99	07	0	188	49	0	0	9	0	0	35	45	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	96	02	0	193	43	0	0	9	0	0	//	43		— 1	0.0	— 0.1	6.0	8
Quetta	Sibi	000	0	2	00	00	97	03	1	192	43	0	2	9	0	2	38	42	—	—	0.0	—	////	8
	Nokkundi	000	0	0	18	03	97	02	0	261	42	0	0	9	0	0	//	//	—	/	0.0	—	0.3	3
Kalat	Turbat	000	0	0	05	02	96	00	0	058	58	0	0	9	0	0	//	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	5	36	05	56	03	0	192	57	0	0	9	0	1	//	55	—	—	0.0	—	2.0	8
	Pasni	000	0	4	29	06	97	02	0	203	66	0	4	9	0	0	57	//	0	—	0.0	— 0.1	2.0	6
Karachi division	Ormara	000	0	2	00	00	96	02	2	181	62	2	0	9	0	0	53	//	—	/	0.0	0.0	0.6	6
	Lasbela	///	/	0	00	00	98	00	0	179	56	0	0	8	0	0	//	38	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	05	03	97	02	0	173	62	0	0	9	0	0	47	62	+ 3	— 1	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	2	00	0.	96	03	0	178	55	0	0	9	0	2	30	53	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker																							—
	Chhor																							
	Hyderabad	000	0	0	00	00	96	02	0	180	48	0	0	9	0	0	//	38	—	—	0.0	—	0.2	7
	Badin	000	0	0	36	02	97	02	0	176	51	0	0	9	0	0	37	50	— 4	— 8	0.0	— 0.2	0.3	9
Khairpur	Padidan	000	0	0	05	02	96	03	0	126	50	0	0	9	0	0	39	39	—	—	0.0	—	0.8	—
	Nawabshah	000	0	3	00	00	56	03	1	192	43	0	0	9	0	4	37	38	—	—	0.0	—	1.1	—
	Sukkur	000	0	0	31	03	96	02	0	208	57	0	0	9	0	8	47	48	—	—	0.0	—	0.1	4
	Kashmore	000																						—
	Jacobabad	000	0	3	18	02	96	03	0	182	54	0	0	9	0	2	32	47	0	— 3	0.1	+ 0.1	2.8	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	05	05	98	00	0	548	45	0	0	9	0	0	//	40	+ 4	+ 2	1.0	+ 0.3	41.0	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	569	40	0	0	9	0	0	19	40	—	— 1	—	—	—	18
	Cherat *	000	0	0	36	10	98	00	0	541	54	0	0	9	0	0	//	51	0	+ 6	0.6	+ 0.4	15.0	29
	Kakul *	000	0	0	06	00	99	02	0	526	59	0	0	9	0	0	30	45	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	36	02	96	02	0	612	43	0	0	9	0	0	//	//		/	0.7	—	13.6	—
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					29
D.I. Khan*	Miranshah *	000	0	0	05	05	99	00	0	500	43	0	0	9	0	0	//	35	—	—	—	—	—	13
	Wana *	000	0	0	00	00	99	00	0	518	38	0	0	9	0	0	43	50		—				11
Quetta	Fort Sandeman *	000	0	0	27	02	98	02	0	530	37	0	0	9	0	0	//	33	— 1	— 2	0.0	— 0.1	6.5	11
	Hindubagh *	000	0	0	23	03	97	02	0	581	42	0	0	9	0	0	36	//	—	—	0.0	—	0.3	—
	Loralai *	000	0	0	27	02	98	00	0	///	//	0	0	9	0	0	45	45	—	—	0.1	—	0.6	9
	Barkhan *	000	0	0	31	05	97	02	0	516	49	0	0	9	0	0	//	42	/	—	0.0	—	1.8	—
	Harnai *	000	0	0	00	00	96	02	0	494	44	0	0	0	0	0	//	//	—	—	0.0	— 0.2	5.6	14
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Chaman *	000	0	0	09	03	97	00	0	559	37	0	0	9	0	0	//	35	— 4	— 5	0.0	— 0.1	4.8	8
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Dalbandin *	000	0	5	00	00	98	03	0	532	33	0	0	9	0	2	//	28	— 4	— 6	0.0	— 0.0	0.5	4
Kalat	Kalat *	000	0	5	13	02	96	03	0	548	23	0	0	9	0	6	//	22	— 7	— 6	0.8	— 0.1	2.2	7
	Khuzdar *	000	0	0	27	02	96	02	0	523	41	0	0	9	0	0	//	38		—	0.3	—	3.5	—
	Panjgur *	000	0	2	05	03	96	03	0	530	38	0	0	9	0	1	//	35	—	— 5	0.0	—	8.2	5

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 26th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Confidence	99 2 64	10 5 42	25 0 63	00 9 09	98 0 20	23 2 25	00 9 03	64 1 13	...		00 3 06	12 3 95	33 4 01	
British Confidence	99 2 71	10 5 24	25 1 23	03 0 04	98 0 20	19 7 26	00 5 00	...	74 6 15		00 / /0	12 5 60	33 0 00	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 178 89	...	501 108 56	128 032 56	581 079 47	751 193 57	958 359 56	227 565 //	...	...	...	...	...
Dacca ...	00 80	015 770 33	...	540 054 41	058 014 56	571 113 56	740 219 56	945 377 50	212 599 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 128 61	...	500 080 57	094 011 17	567 241 //	724 315 //	924 491 //	186 555 //	...	...	...	...	...
Multan ...	00 00	003 050 00	...	500 061 40	065 001 05	566 181 //	729 271 //	931 395 //		...	...	...	...	...
Peshawar ...	00 00	977 075 28	...	500 120 59	117 040 58	578 105 //	745 245 //	950 03/ //	218 547 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	994 134 55	...	460 090 58	071 854 60	565 191 //	728 301 //	927 415 //	195 531 //	...	–	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 14/ 56	800 074 56	600 011 50	...	...	...	...	...	...	...	–	...
Dacca ...	00 00	900 094 35	800 022 50	600 037 50	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	–	...	...
Multan ...	00 00	...	...	–	...	...	...	...	...	...	–	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	–	...
Quetta ...													
Sargodha ...	00 00	...	...	–	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	0?5 08	350 08	345 07	345 10	295 08	300 05	..	-	...
Bogra ...	300 06	270 08	275 12	295 11	291 03	300 25	...	...	...
Chaklala ...	..	290 10	300 05	310 03	350 05	025 07	335 27	320 02	305 31
Chher ...	350 05	355 06	340 05	280 11	280 17	280 13	275 25	275 34	275 46
Chittagong ...	...	...	...	...	–	...	...	...	..
Cherat ...	...	...	...	...	...	..	.	...	...
Cox's Bazar ...	330 08	330 06	350 06	085 08	040 05	...	...	...	.
Dacca ...	315 08	305 08	315 08	315 11	310 13	305 13	..	..	
Dalbandin ...	..	..	105 07	080 08	360 16	010 06	295 16	200 15	260 23
D. I. Khan ...	295 03	275 03	270 04	250 2/	330 03	145 04	/20 10	230 17	315 17
Drosh ...	...	...	...	040 12	042 13	020 15	005 35		
Fort Sandeman ...	..	.	...	095 01	260 03	325 03	275 10	285 13	265 13
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...		.		...		.	...	..
Jacobabad ...	255 04	285 04	275 04	285 04	295 09	310 11	290 19	265 23	270 26
Jessore ...	...		...		..		...	...	...
Jhelum ...	255 01	/09 06	285 05	270 04	215 03	005 07	310 12	330 36	290 29
Jiwani ...	165 05	095 08	050 06	020 10	235 02	320 06	280 04	260 22	255 12
Karachi ...	055 06	030 07	125 07	020 07	355 07	300 11	280 20	255 18	245 21
Khanpur ...	205 08	225 09	230 10	250 10	260 09	260 12	280 28	285 27	285 27
Khuzdar ...	...			235 08	300 06	295 15	270 19	270 15	285 43
Lahore ...	285 06	285 08	290 08	295 09	250 04	360 08	325 13	335 17	315 25
Multan ...	280 03	210 03	200 03	335 03	025 04	330 10	295 14	275 23	265 25
Nawab Shah .	360 03	025 03	010 04	290 08	300 14	295 12	275 27	270 26	265 41
Nokkundi ...	...		280 02	340 05	345 02	285 06	285 10	285 29	265 27
Panjgur ...			...	025 15	300 13	040 07	350 10	350 15	245 17
Peshawar ...	...	250 03	315 07	320 08	261 08	320 13	300 15	320 22	305 30
Parachinar ...	...	-	...	320 04	105 06	280 16	281 11		270 23
Quetta ...	...			...	315 05	295 07	275 17	260 17	255 27
Sargodha ...	285 04	300 06	315 06	340 10	350 09	010 10	320 15	310 18	305 23
Skardu ...	...				...		...	...	...
Sylhet ...	280 07	280 04	210 02	215 05	285 02	045 05	...	...	...
Veraval ...	...	...		.	...		...	..	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	335 06	320 07	305 07	305 15	290 15	275 21
Bogra ...	240 04	235 06	285 13	275 13	360 16	280 20
Chaklala ...	...	075 04	320 01	345 08	355 04	335 06
Chher ...	055 10	050 05	325 03	315 09	275 13	285 13
Chittagong ...	..	...	...	...	...	...
Cherat ...	...	...	..	..	...	...
Cox's Bazar ...	015 15	015 13	355 13	340 05	320 05	...
Dacca ...	105 02	335 04	260 06	..	255 11	...
Dalbandin ...		...	080 04	065 11	260 09	315 06
D. I. Khan ...	250 05	255 05	250 05	255 03	010 01	005 03
Drosh ...	...	..	...	155 01	235 01	230 04
Fort Sandeman ...	...	...	...	210 05	240 03	195 04
Gilgit ...	...	.	...	280 05	290 05	295 08
Ishurdi ...	..	...	.			..
Jacobabad ...	295 05	265 04	340 05	250 09	275 06	275 13
Jessore ...	285 02	255 03	305 07	305 12	290 15	275 17
Jhelum ...	360 03	010 03	360 04	320 08	340 07	310 12
Jiwani ...	040 10	035 13	050 09	125 04	070 06	250 02
Karachi ...	...			...	.	.
Khanpur ...	185 10	205 13	225 13	235 13	250 13	275 13
Khuzdar ...	...	...		190 04	300 06	320 11
Lahore ...	300 04	290 06	300 07	320 06	315 08	265 07
Multan ...	190 06	170 06	185 02	165 04	045 05	315 09
Nawab Shah .	063 03	085 01	115 02	070 00	045 09	030 13
Nokkundi ...	..	...	230 05	230 06	245 08	265 14
Panjgur ...	...			025 10	355 12	345 17
Peshawar ...	...	205 04	100 05	005 05	315 03	290 07
Parachinar ...	...	...	...	..	...	...
Quetta ...	...	...	...		...	
Sargodha ...	330 03	005 09	/// //	345 06	290 07	315 06
Skardu ...	..		..	015 03		...
Sylhet ...	350 01	265 03	230 05	255 08	275 10	240 20
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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	310 03	310 03	310 05	300 17	295 23	275 17	...	...	...	...	...
Bogra ...	...	...		..		-		...	...	...	...
Chaklala ...	...	235 07	295 04	300 06	305 04	330 06	29/ 27	290 21	280 21		...
Chher ...	050 09	025 11	020 08	295 09	280 17	290 14	285 16	275 20	285 24	...	...
Chittagong ...	34/ 09	335 13	335 14	295 10	260 10	265 31	260 30	260 49	260 37	...	...
Cherat ...	...	...	...	...	...	..	...	...	..	...	...
Cox's Bazar ...	010 17	010 21	010 20	360 01	345 06	200 10	290 42	265 38	255 39	...	...
Dacca ...	270 07	300 06	305 05	270 07	285 17	300 06	275 35	305 06	275 53	...	..
Dalbandin ...	...	..	075 08	060 11	355 11	330 13	310 22	295 27	285 31	...	...
D. I. Khan ...	320 13	320 09	315 05	205 05	180 08	220 03	215 07	255 09	280 41	275 14	280 31
Drosh ...	...	.	...		...	..	...	...	...	...	...
Fort Sandeman ...	...	...	-	220 07	215 06	230 08	290 12	285 24	280 25	...	...
Gilgit ...	...	...	.	..	...	...	...	...	...	...	...
Ishurdi ...	...		...	...	...	...	...	...	...	...	...
Jacobabad ...	295 07	315 09	240 09	240 13	215 15	220 12	255 17	280 19	280 23	...	...
Jessore ...	290 06	305 08	305 13	310 19	295 27	285 35	285 38	280 53	275 49	...	...
Jhelum ...	310 02	330 33	345 02	310 11	295 11	335 09	295 20	280 23	290 21	...	...
Jiwani ...	025 34	005 31	005 21	340 07	345 03	310 09	280 10	295 12	265 15	...	...
Karachi ...	333 04	315 05	335 06	285 11	260 22	275 18	270 16	255 11	235 17		...
Khanpur ...	240 12	245 15	260 15	270 15	275 21	280 50	250 06	285 24	285 29	-	...
Khuzdar ...	...	.	...	310 07	310 08	235 09	295 17	295 23	290 29	...	.
Lahore ...	310 02	300 06	290 07	290 06	335 09	025 08	315 11	305 15	295 18	...	...
Multan ...	175 04	150 04	150 03	335 04	245 03	275 05	285 17	290 27	280 34	...	...
Nawab Shah .	120 06	155 05	320 05	280 06	270 11	285 16	250 13	275 21	260 25	...	...
Nokkundi ...	..	..	180 01	010 06	300 06	300 06		...	...	...	...
Panjgur ...	...		..	015 12	020 05	345 04	355 15	...	315 19	...	...
Peshawar ...	...	135 02	205 04	330 08	275 04	285 06	..	..	–	...	...
Parachinar ...	...	...	...	155 03	155 03	281 06	105 04	...	255 21	..	...
Quetta ...	...	...	-	..	325 05	310 17	275 18	265 28	265 32	...	...
Sargodha ...	330 03	290 10	290 08	285 06	315 01	345 06	280 12	201 51	260 21	...	...
Skardu ...	..				...	...		...	...	.	..
Sylhet ...	205 02	255 13	285 29	260 09	245 09	250 22	275 48	...	...	...	...
Veraval ...	...	...	...	...	...		..	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	235 06	270 09	270 10	260 09	265 15	265 17	250 15	270 18	270 19	...	...	..	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

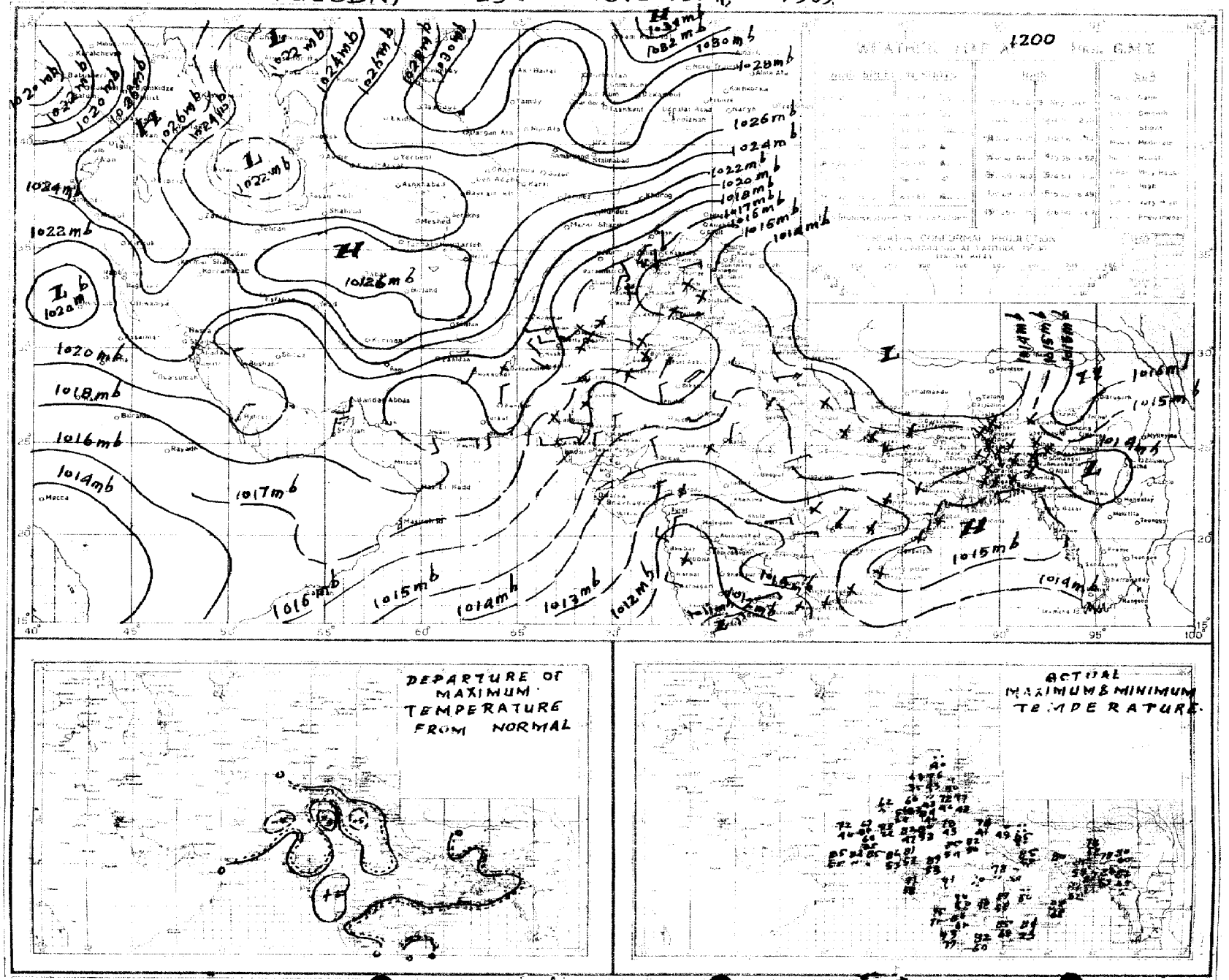
† The actual time of observations may vary within half an hour of the specified time.

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

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

PAKISTAN DAILY WEATHER MAP

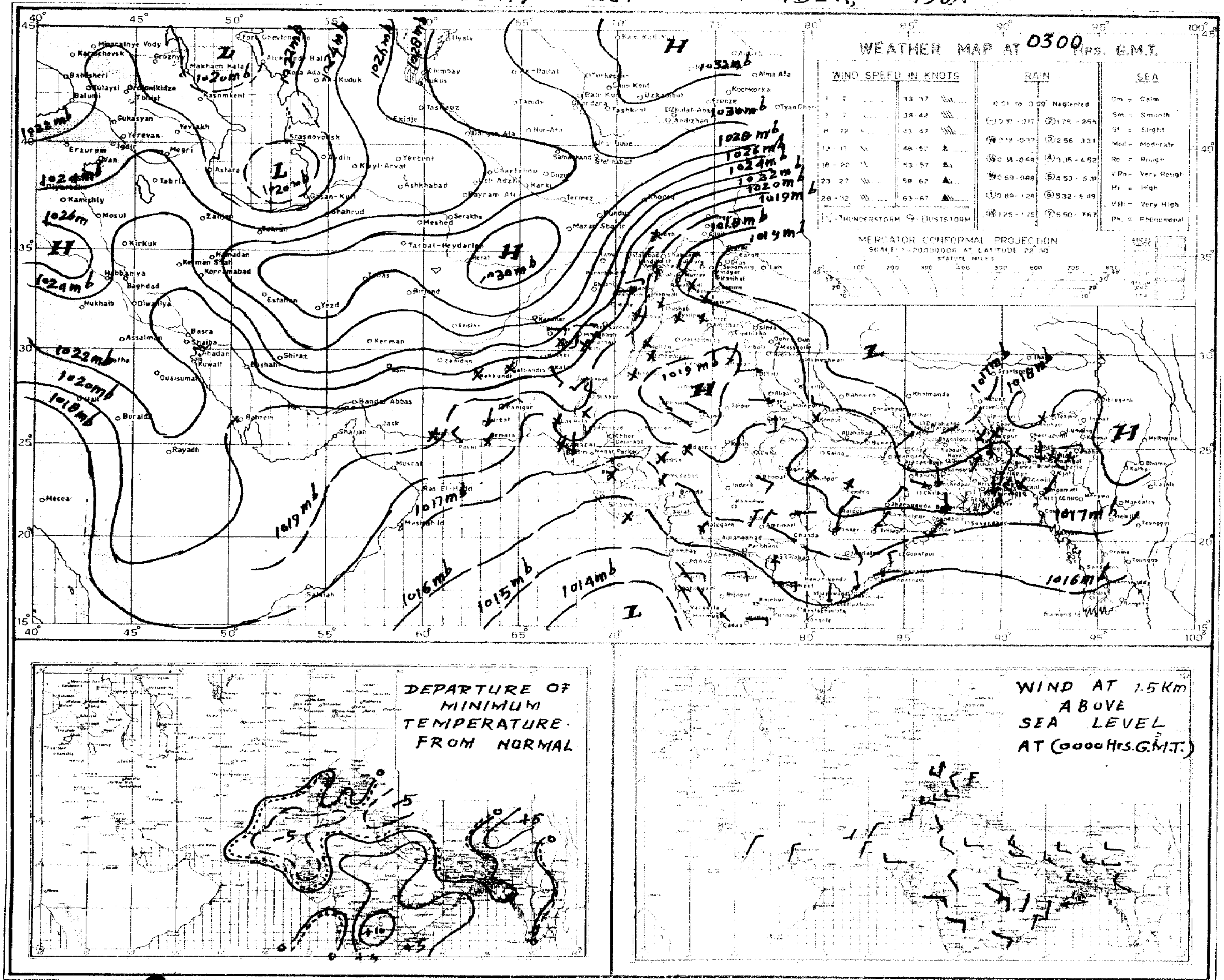
TUESDAY 25th NOVEMBER, 1969.



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th NOVEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 27th NOVEMBER 1969.

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

A trough of low pressure has developed over the eastern sector of North Arabian Sea. A feeble western disturbance is moving across Kalat and Khairpur divisions. Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) below normal in the country outside Khulna and Karachi divisions.

Forecast valid until the evening of 28th November 1969 :—Rain/drizzle may be scattered in Kalat, Karachi, Hyderabad and Khairpur divisions. Weather will remain mainly dry elsewhere over the country.

Karachi-11
The 27th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 (to date)	Departure from normal	Since 1st January, 1969 (to date)	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	27	02	95	01	4	145	73	1	1	7	0	0	58	80	000	4	0	28	02	97	08	0	189	79	0	0	9	0	0	39	64	—	1	1.6	—	102.4	—
	Cox's Bazar	000	0	0	36	06	//	01	0	131	76	0	0	9	0	0	59	82	000	0	0	09	06	96	05	0	173	75	0	0	9	0	0	54	60	— 1	— 4	0.7	— 3.5	91.9	140
	Chittagong	000	0	1	31	02	//	02	0	135	73	1	0	9	0	1	57	82	000	0	1	00	00	96	02	0	177	69	0	0	9	0	1	59	58	+ 1	— 4	1.2	— 0.9	105.7	108
	Maijdee Court																																								115
	Comilla	000	0	0	00	00	96	02	0	154	77	0	0	9	0	0	67	82	000	0	0	00	00	96	02	0	168	69	0	0	9	0	0	62	56	0	— 4	0.5	— 0.8	104.2	94
	Brahmanbaria	000	0	0	00	00	//	00	0	148	76	0	0	9	0	0	67	85	000	0	0	08	02	96	00	0	176	73	0	0	9	0	0	62	58	—	—	1.3	+ 0.3	55.1	78
	Sylhet	000	0	2	00	00	//	02	0	124	67	1	3	6	3	0	54	78	000	0	0	09	08	96	02	0	182	65	0	0	9	0	0	59	56	—	—	1.5	—	149.7	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	182	65	0	0	9	0	0	58	47		— 8	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	181	68	0	0	9	0	0	58	58	—	— 3	0.3	— 0.6	75.6	91
	Narayanganj	000	0	0	00	00	//	00	0	130	73	0	0	9	0	0	64	85	000	0	0	00	00	97	00	0	179	73	0	0	9	0	0	56	58	+ 4	— 4	1.3	+ 0.3	82.1	74
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	138	72	0	0	9	0	0	58	82	000	0	2	23	02	96	05	4	175	68	0	0	9	0	1	56	54	—	—	1.3	—	65.9	—
	Faridpur	000	0	0	36	02	93	00	0	147	76	0	0	9	0	0	51	80	000	0	0	00	00	97	00	0	180	75	0	0	9	0	0	65	58	0	— 1	1.6	+ 0.6	58.5	71
Khulna	Barisal	000	0	0	00	00	//	02	0	132	77	0	0	9	0	0	68	80	000	0	1	00	00	96	02	4	174	73	0	0	9	0	1	62	56	— 1	— 5	0.9	— 0.6	65.2	81
	Khulna	000	0	0	00	00	97	00	0	137	80	0	0	9	0	0	68	87	000	0	0	00	00	97	00	0	176	75	0	0	9	0	0	65	63	+ 6	+ 3	0.2	— 0.9	61.7	48
	Satkhira	000	0	0	00	00	95	00	0	137	82	0	0	9	0	0	60	85	000	0	2	36	01	97	00	0	163	73	0	0	9	1	0	73	58	+ 3	+ 1	0.2	— 0.6	61.7	45
	Jessore	000	0	0	00	00	96	02	0	132	72	0	0	9	0	0	58	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—			45
Rajshahi	Pabna	000	0	5	00	00	//	02	0	129	70	0	0	9	0	0	59	82	000	0	0	23	03	97	02	0	179	68	0	0	9	0	0	59	58	—	—	1.0	—	56.3	59
	Sirajganj	000	0	0	00	00	//	00	0	142	73	0	0	9	0	0	54	82	000	0	0	00	00	98	00	0	166	65	0	0	9	0	0	56	54	—	—	0.4	— 0.3	56.6	64
	Rajshahi	000	0	0	00	00	94	02	0	134	72	0	0	9	0	0	63	82	000	0	0	31	02	97	02	0	185	68	0	0	9	0	0	56	58	—	—	3.0	—	70.3	—
	Bogra	000	0	0	00	00	//	02	0	127	68	0	0	9	0	0	58	80	000	0	0	00	00	96	02	0	175	65	0	0	9	0	0	54	54	0	— 5	1.1	+ 0.3	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	130	70	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	167	68	0	0	9	0	0	58	51	0	— 6	—	—	—	73
	Rangpur	000	0	1	00	00	96	01	0	123	68	0	0	9	1	0	63	80	000	0	0	00	00	96	01	0	179	64	0	0	9	0	0	60	56	0	—	1.5	+ 1.1	87.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	02	0	136	70	1	0	9	3	0	45	76	000	0	1	00	00	94	10	0	175	47	0	0	9	0	0	40	43	— 2	— 0	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	97	00	0	133	76	0	0	9	0	0	67	80	000	0	0	00	00	92	00	0	169	56	0	0	9	0	0	49	34	+ 5	— 12	0.0	— 0.1	11.5	22
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—			—
	Islamabad	000	0	0	27	02	99	00	0	140	63	0	0	9	0	0	32	72	000	0	0	00	00	97	00	0	187	43	0	0	9	0	0	35	40	0	— 1	0.2	— 0.1	33.6	26
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—			—
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	97	06	0	136	70	0	0	9	0	0	61	80	000	0	0	00	//	98	00	0	170	45	0	0	9	0	0	40	43	+ 2	— 3	0.0	— 0.1	7.8	15
	Sargodha	000	0	1	22	02	97	02	0	132	76	0	0	9	0	1	47	80	000	0	0	00	00	97	04	0	174	38	0	0	9	0	1	33	38	—	—	0.7	—	20.7	—
	Lyallpur	000	0	0	00	00	96	00	0	140	73	0	0	9	0	0	49	78	000	0	0	00	00	95	00	0	164	49	0	0	9	0	0	35	40	+ 2	— 2	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	0	16	03	97	03	0	139	76	1	0	9	3	4	34	82	000	0	4	00	00	95	10	0	166	45	0	0	9	0	0	33	40	+ 5	— 7	0.0	0.0	11.3	10
	Multan	000	0	0	36	00	94	00	0	135	77	0	0	9	0	0	36	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—			7
	Laiah																																								8
Bahawalpur	Khanpur	000	0	6	00	00	97	02	2	138	72	0	0	9	0	5	41	82	000	0	3	00	00	96	02	0	158	52	0	0	9	0	1	//	43	+ 1	— 4	0.3	+ 0.2	1.4	6
	Bahawalpur	000	0	2	00	00	96	00	0	132	76	0	0	9	0	0	41	87	000	0	0	00	00	96	00	0	181	56	0	0	9	0	0	24	43	+ 9	— 6	0.0	0.0	2.0	6
	Fort Abbas	000	0	0	05	02	98	00	0	141	77	0	0	9	0	0	72	86	000	0	8	13	02	98	00	0	143	56	0	0	9	0	0	34	49	—	—	0.0	—	0.9	6
Peshawar	Chakdara	000	0	1	23	05	98	02	8	118	65	0	0	9	0	1	40	65	000	0	0	05	07	98	02	0	184	35	0	0	9	0	0	32	35	—	—	0.0	—	23.2	—
	Peshawar	000	0	1	00	00	97	02	0	132	70	0	0	9	0	1	43	73	000	0	1	18	03	97	02	0	184	43	0	0	9	0	1	32	40	+ 2	— 3	0.5	+ 0.3	14.8	11
	Haripur	000	0	0	13	05	97	00	0	141	67	0	0	9	0	0	43	68	000	0	0	30	05	98	00	0	182	51	0	0	9	0	0	33	38	—	—	0.9	—	23.9	—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	139	70	0	0	9	0	0	40	76	000	0	2	00	00	99	02	0	180	45	0	0	9	2	0	28	43	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	126	73	0	0	9	0	0	34	78	000	0	0	05	02	96	03	0	171	47	0	0	9	0	4	35	41	+ 2	— 3	0.0	— 0.1	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	137	82	0	0	9	0	0	36	84	000	0	2	00	00	97	03	1	167	44	0	2	9	6	2	46	42	—	—	0.0	—	0.2	5
	Nokkundi	000	0	3	00	00	96	02	0	162	71	4	0	9	4	0	37	73	000	0	0	36	02	96	03	0	242	42	8	0	9	0	0	13	40	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	//	81	0	0	9	0	0	08	81	000	0	0	05	02	96	00	0	///	58	0	0	9	0	0	28	//		—	0.0	—	0.2	—
	Jiwani	000	0	6	36	03	96	03	2	150	80	0	0	9	0	1	29	81	000	0	4	36	03	96	01	2	159	60	0	0	9	0	1	44	55	—	—	0.0	—	2.0	5
	Pasni	000	0	4	11	08	97	02	0	151	80	4	0	9	0	0	69	87	000	0	4	29	08	97	02	0	147	59	0	4	9	5	0	51	//	+ 6	/	0.0	— 0.1	2.0	6
Karachi division	Ormara	000	0	3	00	00	96	01	1	145	79	0	0	9	0	0	45	83	000	0	6	00	00	96	06	0	152	56	0	0	9	0	0	52	//	—	—	0.0	0.0	0.6	6
	Lasbela	000	0	6	00	00	98	00	0	130	65	0	0	8	0	0	59	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—			8
	Karachi (Manora)	000	0	2	23	03	97	02	0	138	77	0	0	9	0	1	58	83	000	0	4	05	03	96	03	0	149	66	4	8	9	1	0	60	61	+ 2	— 2	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	1	23	03	96	01	0	138	79	0	0	9	8	1	48	87	000	0	5	05	02	96	03	0	150	59	0	0	9	0	2	37	55	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar																																								—
	Chhor	000	0	0	00	00	96	02	0	129	83	0	0	9	0	1	33	87	000	0	3	00	00	96	03	1	152	48	0	0	9	0	2	22	40	—	—	0.0	—	0.2	7
	Hyderabad	000	0	3	03	00	97	01	0	141	83	0	0	9	0	1	31	87	000	0	5	09	02	//	3	0	145	70	0	0	9	0	1	35	52	+ 7	— 3	0.0	0.0	0.3	9
	Badin	000	0	0	36	03	97	02	0	136	85	0	0	9	0	0	45	87	000	0	0	00	00	97	03	1	147	56	0	0	9	0	0	41	55	+ 2	— 1	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	5	00	00	96	02	1	140	77	0	0	9	0	5	25	80	000	0	4	00	00	96	03	0	142	43	0	0	9	0	5	31	39	—	—	0.0	—	0.8	—
	Nawabshah	000	0	5	00	00	96	03	2	147	81	0	0	9	0	4	43	84	000	0	2	00	00	96	03	0	153	47	0	0	9	0	0	40	83	—	—	0.0	—	1.1	4
	Sukkur	000	0	4	23	02	96	03	1	143	82	0	0	9	0	8	48	80	000	0	0	13	03	95	05	4	159	58	0	0	9	0	0	41	47	—	—	0.0	—	0.1	—
	Kasharora																																								4
	Jacobabad	000	0	0	23	02	97	03	1	139	75	0	0	9	0	2	39	79	000	0	4	00	00	96	03	0	152	51	0	0	9	0	2	41	47	+ 5	— 3	0.1	0.0	2.8	20
Junagadh	Veraval																																								24
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								28
	Sonamarg **																																								—
	Dras **																																								3
	Leh **																																								6
	Skardu																																								—
	Minagar **																																								—
	Aliabad *																																								5
	Gilgit *																																								39
Rawalpindi	Murree *	000	0	0	09	05	98	00	0	496	47	0	0	9	0	0	25	47	000	0	0	05	02	98	00	0	520	40	0	0	9	0	0	20	34	— 6	— 4	0.9	— 0.3	41.0	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	546	40	0	0	9	0	0	16	40	—	— 1	0.6	—	16.0	20
	Chitral *	000	0	0	36	02	98	00	0	514	56	0	0	9	0	0	13	67	000	0	0	08	00	98	00	0	520	51	0	0	9	0	0	45	43	+ 2	— 2	0.6	+ 0.3	15.0	—
	Kakul *	000	0	0	16	02	98	02	0	503	58	0	0	9	0	0	32	67	000	0	0	00	00	98	02	0	509	47	0	0	9	0	0	27	45	—	—	1.0	—	33.9	—
	Landikotal *	000	0	0	36	02	98	02	0	528	56	0	0	9	0	0	18	64	000	0	0	36	02	98	02	0	604	45	0	0	9	0	0	18	//	—	—	0.7	—	33.9	29
	Parachinar *	000	0	0	01	05	98	02	0	514	56	0	0	9	0	0	15	63	000	0	0	00	00	98	02	0	527	41	0	0	9	0	0	18	33	+ 3	— 3	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	97	00	0	521	70	0	0	9	0	0	27	72	000	0	0	05	05	99	00	0	521	43	0	0	9	0	0	25	43	—	—	0.0	0.0	2.0	11
	Wana *	000	0	0	00	00	99	00	0	482	64	0	0	9	0	0	16	67	000	0	0	00	00	99	00	0	499	40	0	0	9	0	0	20	20	—	—	0.0	—	4.3	17
Quetta	Fort Sandeman *	000	0	1	00	00	98	02	0	501	63	0	0	9	0	0	//	65	000	0	0	00	00	98	01	0	510	40	0	0	9	0	0	//	31	— 1	— 4	0.0	— 0.1	6.5	—
	Hindubagh *	000	0	0	20	05	96	02	0	546	52	0	0	9	0	0	33	54	000	0	0	23	03	97	03	0	572	39	0	0	9	0	0	27	27	—	—	0.0	—	0.2	9
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	45	—	—	0.1	—	0.7	—
	Barkhan *	000	0	0	31	02	97	02	0	491	66	0	0	9	0	0	//	63	000	0	0	36	05	97	02	0	480	50	0	0	9	0	0	//	41	—	—	0.0	—	0.7	14
	Harnai *	000	0	0	00	08	96	02	0	///	//	0	0	9	0	0	//	63	000	0	0	00	00	92	02	0	573	39	0	0	9	0	0	//	//	—	—	0.0	— 0.2	5.7	9
	Samungli (Quetta) *	000	0	0	36	05	96	01	0	524	53	0	0	9	0	1	32	56	000	0	0	00	00	96	02	0	536	20	0	0	9	0	0	17	16	—	—	0.1	— 0.1	3.3	8
	Chaman *	000	0	0	20	13	97	00	0	532	57	0	0	9	0	0	29	72	000	0	0	09	03	97	00	0	534	37	0	0	9	0	0	19	34	— 3	— 6	0.0	— 0.1	4.8	—
	Nushki *	000	0	0	31	03	97	02	0	576	61	0	0	9	0	0	23	75	000	0	2	00	00	97	02	0	574	42	0	0	9	0	1	15	44	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	0	05	03	97	01	0	539	64	0	0	9	2	0	03	75	000	0	1	00	00	98	03	1	507	29	0	0	9	0	0	15	27	+ 15	— 7	0.0	— 0.0	0.5	7
Kalat	Kalat *	000	0	0	36	02	96	00	2	408	86	0	0	9	0	0	43	59	000	0	4	13	02	96	03	0	526	26	0	0	9	0	4	21	24	0	— 4	0.8	— 0.2	3.2	—
	Khuzdar *	000	0	0	23	03	97	01	0	493	68	0	0	9	0	6	11	69	000	0	6	27	02	96	02	2	446	45	0	0	9	0	6	14	40	—	—	0.3	—	3.5	5
	Panjgur *																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 27th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tata	8NsChs hs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	014 154 12	...	496 106 45	121 056 56	581 051 50	752 173 57	960 339 56	231 575 //	408 705 //	...	...	...	...
Dacca ...	00 00	014 160 50	...	400 080 50	039 024 57	573 073 56	744 183 57	950 285 25	218 605 //	387 785 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	011 240 30	...	500 120 34	099 015 //	572 145 //	738 251 //	941 385 //	211 511 //	...	...	...	...	...
Multan ...	00 00	000 060 40	...	450 090 //	018 071 //	553 271 //	711 325 //	922 365 //	195 475 //	382 545 //	...	...	...	...
Peshawar ...	00 00	977 080 59	...	650 130 58	155 050 //	578 105 //	...	—	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...		...		...	...	...	...	...	...
Sargodha ...	00 00	993 124 57	...	500 100 60	071 005 55	567 171 //	732 255 //	925 371 //	199 471 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT Ta DD									PmPmPm dmdm fmfmfm	PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 148 50	800 060 45	600 015 56	350 259 56	...	...	...	...	...	...	—	...
Dacca ...	00 00	900 126 50	800 040 56	600 013 56	350 281 //	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	—	...	...	...	...	232 ////	...	—
Multan ...	00 00	...	...	—	...	...	...	...	...	...	—	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	—	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	305 04	280 04	305 07	295 09	290 15	320 19	..	..	...
Bogra ...	250 00	255 09	270 10	280 09	290 16	300 33	...	...	...
Chaklala ...	...	285 09	305 13	335 07	300 05	170 04	3/0 //	300 21	...
Chhor ...	045 03	030 01	220 03	290 //	290 12	300 12	270 15	260 28	270 30
Chittagong ...	320 06	320 08	320 08	300 10	300 17	265 21	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	330 12	345 11	350 10	360 06	345 06	345 17	...	...	...
Dacca ...	270 08	280 10	280 09	330 10	280 15	300 17	...	...	...
Dalbandin ...	...	...	040 08	025 12	020 13	300 11	285 16	265 22	266 29
D. I. Khan ...	120 03	050 03	020 03	280 03	160 01	090 04	260 08	280 13	295 16
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	..	..	...	330 01	250 01	290 09	185 23	285 29	280 33
Gilgit ...	..	...	..	280 01	180 01	195 01	130 06	130 02	300 09
Ishurdi ...	290 08	285 09	285 11	290 15	290 23	315 27	...	...	...
Jacobabad ...	195 11	190 10	194 10	190 08	235 27	300 13	295 23	285 23	290 24
Jessore ...	300 10	320 10	340 14	290 13	280 10	320 15	...	...	...
Jhelum ...	300 09	300 10	300 13	305 18	315 11	300 06	315 22	280 23	290 26
Jiwani ...	360 06	010 08	010 12	350 14	340 14	325 08	255 11	260 18	245 26
Karachi ...	205 09	265 02	295 04	290 13	280 23	290 15	302 08	283 18	260 23
Khanpur ...	225 06	240 07	250 07	250 12	245 08	300 15	290 33	280 36	295 33
Khuzdar ...	...	...	...	255 07	285 05	300 11	300 16	335 28	340 29
Lahore ...	320 10	330 14	270 07	350 10	300 15	320 10	...	...	...
Multan ...	160 08	135 06	/// //	255 06	260 13	280 10	280 18	285 32	290 45
Nawab Shah ...	245 02	215 02	240 04	270 09	300 17	355 31	...	...	...
Nokkundi ...	...	...	305 02	330 01	345 05	355 09	050 05	...	...
Panjgur ...	—	...	...	...			...	...	...
Peshawar ...	...	175 02	195 02	245 05	295 09	300 05	290 16	280 19	280 30
Parachinar ...	...	...	...	070 05	140 11	280 05	230 01	280 26	280 13
Quetta ...	...	...		...	340 07	300 08	...		...
Sargodha ...	250 02	275 04	295 05	220 03	315 04	305 08	300 16	290 24	285 26
Skardu ...	...	...		030 01	085 05	075 06	070 05	...	...
Sylhet ...	235 08	235 07	235 13	220 11	200 07	355 03	..	—	...
Veraval ...	...	...		..	...			...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	130 01	310 06	320 12	280 21	290 23	290 33
Bogra ...	360 04	310 08	290 10	260 23	260 20	265 22
Chaklala ...	...	315 02	325 10	320 11	335 13	295 07
Chhor ...	055 10	325 03	/// //	315 09	275 13	285 13
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	..		
Cox's Bazar ...	020 12	360 12	360 00	330 13	325 19	285 36
Dacca ...	055 12	035 18	285 13	285 19		...
Dalbandin ...		...	090 04	055 12	350 10	310 16
D. I. Khan ...	220 05	225 05	240 04	260 05	285 07	335 05
Drosh ...	...		...	060 01	360 02	030 06
Fort Sandeman ...	...	...	...	205 05	245 09	290 10
Gilgit ...				265 01	290 02	—
Ishurdi ...	090 01	005 05	320 10	305 26	285 26	285 33
Jacobabad ...	285 03	250 05	230 09	260 07	265 10	260 13
Jessore ...	340 03	340 04	330 11	305 16	300 17	290 23
Jhelum ...	320 02	275 03	275 07	300 09	305 10	310 12
Jiwani ...	325 17	315 17	205 10	030 05	055 10	220 04
Karachi ...	...			...	..	..
Khanpur ...	210 11	200 13	210 12	240 13	265 15	265 09
Khuzdar ...	...	...		280 03	295 05	320 16
Lahore ...	295 11	290 11	305 09	320 08	280 07	360 08
Multan ...	155 07	225 07	250 10	240 04	285 09	275 19
Nawab Shah ...	...	...		..	..	...
Nokkundi ...	...	...	155 05	195 07	200 08	235 12
Panjgur ...	...					
Peshawar ...	...	300 03	300 04	320 04	320 04	330 08
Parachinar ...	..	..	...	230 02	100 04	...
Quetta ...	No	Ascent	...		...	..
Sargodha ...	270 08	225 08	245 05	195 03	040 03	315 02
Skardu ...	...		...	280 03	170 01	105 05
Sylhet ...	090 04	120 03	140 04	190 07	230 03	330 20
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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	330 05	315 06	315 08	335 16	310 26	310 22	295 35	295 43	285 44	...	...
Bogra ...	330 01	305 03	305 10	270 19	270 10	280 17	270 42	...	...	...	...
Chaklala ...	...	280 04	305 03	310 14	315 03	345 05	230 05	270 10	275 12	300 17	310 27
Chhor ...	155 14	165 12	195 06	050 11	280 05	245 14	240 20	...	..	...	...
Chittagong ...	335 05	330 06	325 11	315 22	305 39	280 15	265 37	250 50	250 51	...	...
Cherat ...	...	...	...	.	...	..	...	...	..	...	...
Cox's Bazar ...	360 15	360 15	360 15	345 13	333 14	325 17	300 29	280 29	220 29	...	...
Dacca ...	185 08	195 06	230 06	320 13	305 29	285 41	295 29	285 40	285 44	210 58	280 82
Dalbandin ...	...	—	070 12	055 17	005 13	310 15	255 17	245 15	250 26	250 40	245 64
D. I. Khan ...	290 02	315 10	320 13	345 04	225 03	045 03	265 08	270 14	275 15	275 24	290 33
Drosh ...	...	.	...		...	...	...	...	...	...	...
Fort Sandeman ...	—	...	—	225 04	210 06	315 05	285 13	255 19	265 21	275 23	285 28
Gilgit ...	..	...	.	270 02	270 04	330 04	105 05	295 10	280 19	275 25	275 40
Ishurdi ...	255 08	250 06	300 06	320 25	290 29	290 26	300 30	...	...		
Jacobabad ...	185 02	115 01	220 04	220 04	080 03	200 06	280 15	275 23	270 23	260 31	265 42
Jessore ...	...		...	...	...	...	...	—		...	
Jhelum ...	350 02	325 08	300 10	290 08	310 07	270 03	220 08	265 16	280 21	285 34	275 58
Jiwani ...	010 11	020 13	020 15	350 17	335 16	245 10	210 17	240 30	235 30	245 49	240 60
Karachi ...	260 05	280 04	255 12	240 15	250 13	260 06	...		...		...
Khanpur ...	170 06	175 12	185 25	195 21	215 28	250 20	245 07	230 13	280 11	265 37	275 54
Khuzdar ...	...	.	...	005 03	025 08	325 11	275 27	235 43	215 17	...	..
Lahore ...	320 05	3 5 08	285 08	280 07	285 06	255 04	270 14	280 18	280 18	287 38	275 49
Multan ...	195 10	180 11	175 08	210 09	215 13	270 14	280 32	2/5 43	275 55	—	...
Nawab Shah ...	165 06	200 02	180 05	180 07	235 10	335 10	260 14	...	...	...	...
Nokkundi ...	...	...	140 04	265 03	040 08	235 13	140 11	235 22	235 28	235 36	...
Panjgur ...	...		...	...	...	...	..	..	.	..	..
Peshawar ...	...	025 01	135 03	270 03	345 02	290 03	275 10	280 25	275 27	275 44	275 65
Parachinar ...	...	...	...	...		—	...	...	...		...
Quetta ...	...	...	—	...	285 05	300 11	250 21	235 15	260 21	240 42	..
Sargodha ...	270 02	260 03	205 //	155 03	045 03	245 07	280 15	285 27	275 31	275 41	270 68
Skardu ...			...	050 03	145 02	240 01	215 03	315 01	340 27	290 12	..
Sylhet ...	100 07	120 02	195 01	130 08	150 16	170 25	170 27	...	...	—	...
Veraval ...	...	...	...	...	...	.	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	305 13	250 18	250 21	305 10	250 24	305 10	250 11	250 11	250 15	265 30	240 55	250 66	240 82	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

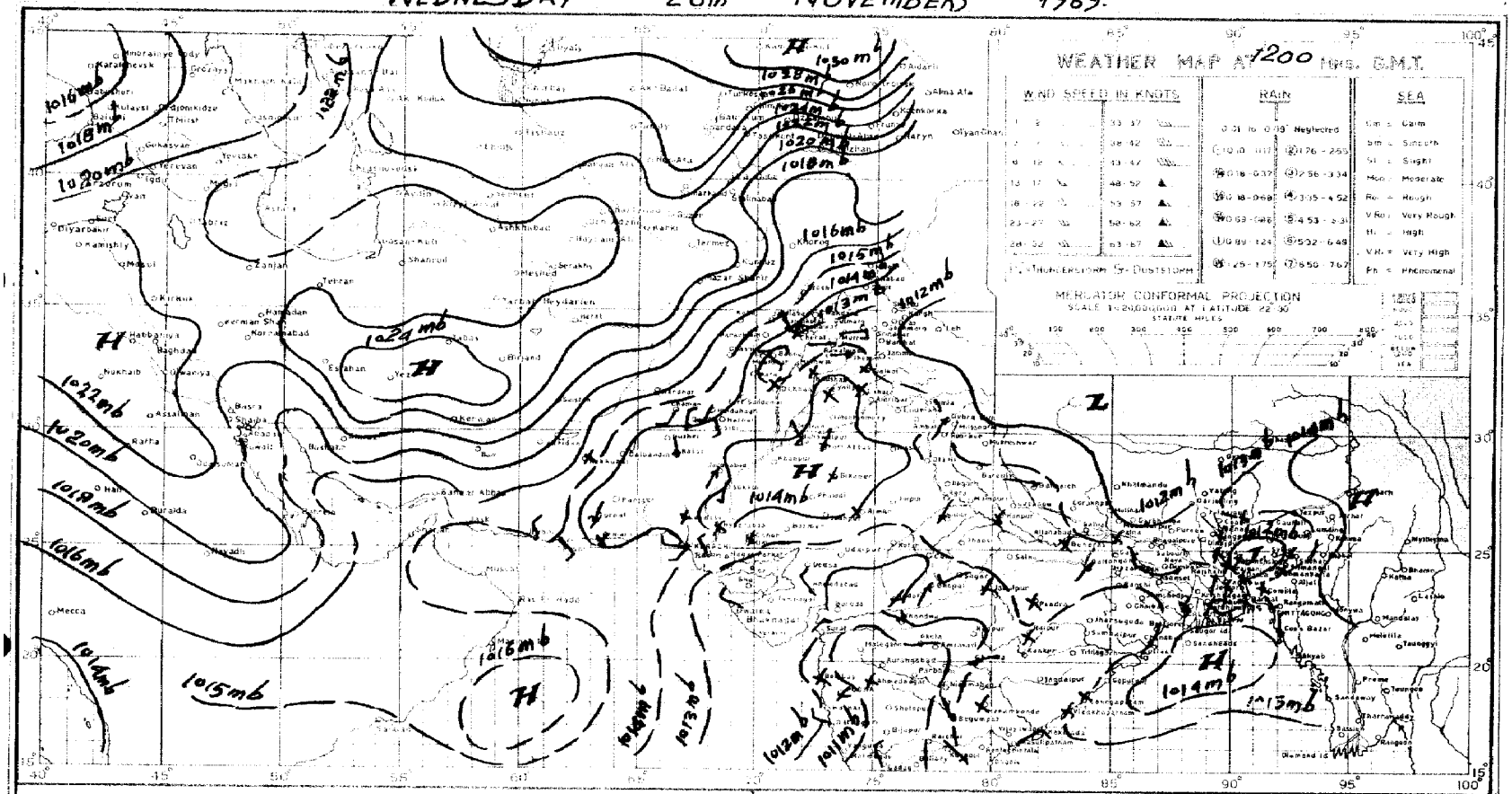
† The actual time of observations may vary within half an hour of the specified time.

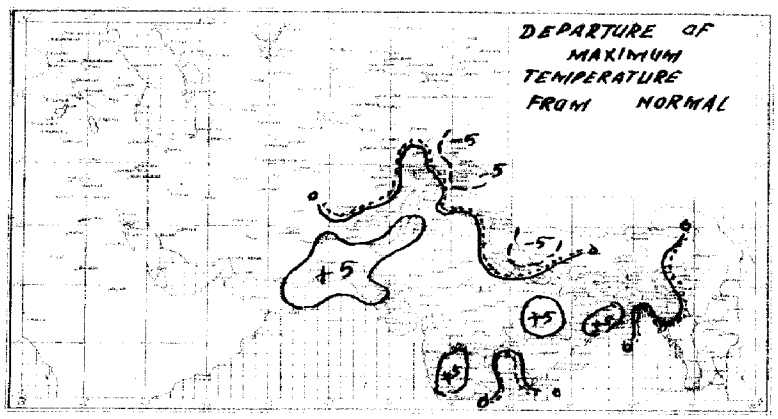
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "fff" omitted.

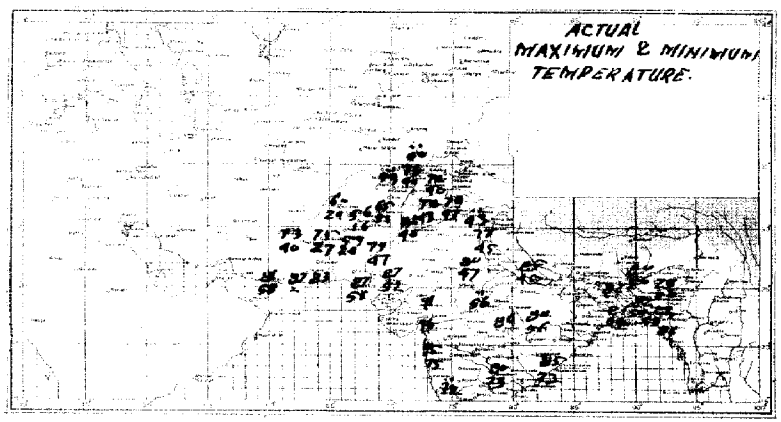
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th NOVEMBER, 1969.

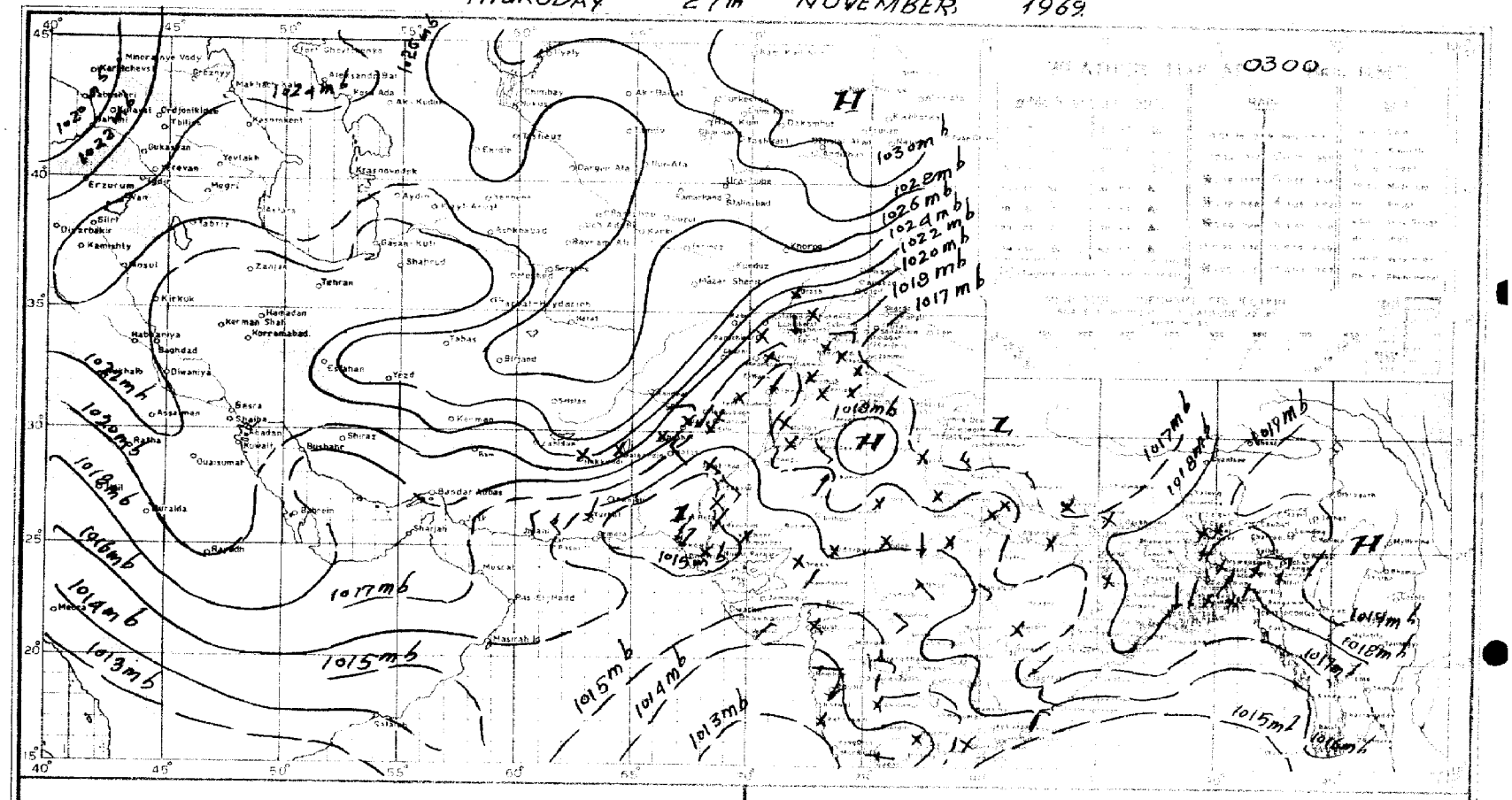


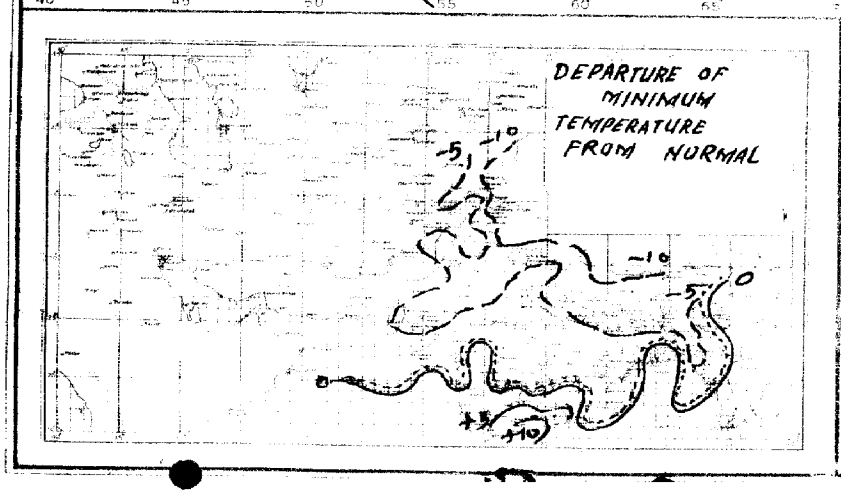


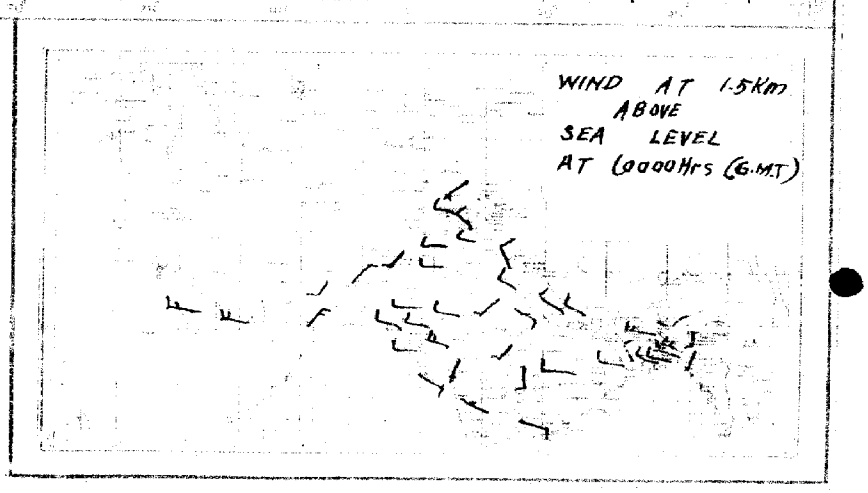


PAKISTAN DAILY WEATHER MAP

THURSDAY 27th NOVEMBER 1969







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 28th NOVEMBER 1969.

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

The trough of low pressure over eastern sector of North Arabian Sea persists. Yesterday's feeble western disturbance now lies as a trough of low pressure over western Rajasthan. A fresh western disturbance lies over Afghanistan and its associated trough extends to Kalat division. Weather continued to be dry over the country.

Night temperatures were 9—12 °F (5—7 °C) below normal in Multan and Bahawalpur divisions and 3—8 °F (2—4 °C) so elsewhere in the country outside Peshawar, Kalat, Karachi, Hyderabad and Khairpur divisions where these were nearly normal.

Forecast valid until the evening of 29th November 1969 :—Scattered rain/drizzle are likely to occur in Peshawar, Rawalpindi, Khairpur, Hyderabad and Karachi divisions. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 28th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	36	02	95	01	0	146	73	1	1	7	0	0	49	80
	Cox's Bazar	000	0	0	00	00	//	02	0	138	78	0	0	9	0	0	51	82
	Chittagong	000	0	0	36	02	//	02	0	142	71	0	0	9	0	0	56	80
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...			...	..	..
	Comilla	000	0	0	00	00	96	02	0	136	77	0	0	9	0	0	64	80
	Brahmanbaria	000	0	0	00	00	//	00	0	143	72	0	0	9	0	0	63	80
	Sylhet	000	0	0	00	00	//	00	0	140	67	0	0	9	0	0	51	77
	Srimangal	000	0	0	00	00	//	00	0	146	77	0	0	9	0	0	56	80
Dacca	Mymensingh	000	0	0	00	00	//	00	0	157	70	0	0	9	0	0	58	80
	Narayanganj	000	0	0	00	00	//	00	0	144	72	0	0	9	0	0	54	85
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	141	70	0	0	9	0	0	56	80
	Faridpur	000	0	0	00	00	94	00	0	149	78	0	0	9	0	0	63	80
Khulna	Barisal	000	0	0	00	00	//	02	0	144	70	0	0	9	0	0	63	82
	Khulna	000	0	0	00	00	97	00	0	147	78	[illegible]	0	9	0	0	58	87
	Satkhira	...	...	...	...	...	...	...	...	...	..	...	...	...	..	..	..	...
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...
Rajshahi	Pabna	000	0	9	00	00	//	02	0	149	70	/	/	/		/	56	80
	Sirajganj	000	0	0	00	00	//	00	0	32	73	0	0	9	0	0	56	80
	Rajshahi	000	0	0	00	00	94	02	0	151	70	0	0	9	0	0	58	78
	Bogra	000	0	0	00	00	//	02	0	143	68	0	0	9	0	0	54	78
	Dinajpur	000	0	0	00	00	//	00	0	136	74	0	0	9	0	0	59	80
	Rangpur	000	0	0	00	00	96	01	0	121	67	0	0	9	0	0	59	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	95	03	0	151	72	2	0	9	3	1	43	77
	Sialkot	000	0	0	00	00	97	00	0	123	76	0	0	9	0	0	76	80
Rawalpindi	Jhelum	000	0	0	23	02	96	02	0	142	70	0	0	9	0	0	45	78
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	151	64	0	0	9	0	0	32	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	130	79	0	0	9	0	0	60	82
	Sargodha	000	0	1	00	00	97	02	0	149	68	0	0	9	0	1	45	80
	Lyallpur	000	0	0	00	00	96	00	0	151	73	0	0	9	0	0	54	78
Multan	Sahiwal																	
	Multan	000	0	4	00	00	97	02	2	146	70	1	0	9	3	0	36	77
	Leiah	000	0	0	36	00	94	00	0	150	76	0	0	9	0	0	49	76
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	139	76	0	0	9	0	0	41	80
	Bahawalpur	000	0	0	00	00	98	00	0	153	76	0	0	9	0	0	47	87
	Fort Abbas	///	/	0	05	02	98	00	0	145	87	0	0	9	0	0	47	95
Peshawar	Chakdra	000	0	0	36	02	98	02	0	144	63	0	0	9	0	0	40	63
	Peshawar	000	0	0	00	00	97	02	0	149	67	0	0	9	0	0	//	72
	Haripur	000	0	0	23	03	97	00	0	145	67	0	0	9	0	0	//	70
D. I. Khan	Bannu	000	0	0	13	02	99	00	2	146	68	0	0	9	0	0	36	73
	D. I. Khan	...	..	...	..	...	...	...	...	..	..	..	..	..	..	..	...	...
Quetta	Sibi	000	0	0	18	03	97	02	0	141	80	0	0	9	0	0	62	85
	Nokkundi	000	0	0	00	00	97	02	0	130	71	0	0	9	0	0	21	73
Kalat	Turbat	000	0	0	05	02	96	00	0	986	82	0	0	9	0	0	//	83
	Jiwani	000	0	2	23	09	96	02	0	123	77	0	0	9	0	1	33	83
	Pasni	000	0	0	25	04	97	02	0	138	80	0	0	0	0	0	73	84
Karachi division	Ormara	000	0	0	28	05	96	04	4	116	78	1	0	9	0	0	46	81
	Lasbela																	
	Karachi (Manora)	000	0	4	13	03	97	03	0	123	77	0	0	9	0	1	65	81
	Karachi (Ariport)	000	0	5	23	07	96	03	0	127	77	0	0	9	0	1	60	82
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	050	67	0	0	0	0	0	64	92
	Chhor	000	0	6	00	00	96	03	1	126	82	4	0	9	1	6	47	87
	Hyderabad	000	0	5	34	02	97	01	2	132	77	0	0	9	0	1	·2	80
	Badin	008	0	4	36	08	97	03	0	119	85	0	0	9	0	4	59	68
Khairpur	Padidan	000	0	3	00	00	96	01	0	129	77	0	0	9	0	4	23	79
	Nawabshah	000	0	4	00	00	96	03	1	133	77	0	0	9	0	8	57	81
	Sukkur	000	4	4	00	00	96	03	1	131	84	0	0	9	0	3	49	86
	Kashmore																	
	Jacobabad	000	0	2	23	02	97	01	1	134	75	0	0	9	0	1	35	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	505	49	0	0	9	0	0	34	54
Peshawar	Drosh *																	
	Cherat *	000	0	0	05	05	99	00	0	519	51	0	0	9	0	0	//	70
	Kakul *	000	0	0	20	02	98	02	0	507	58	0	0	9	0	0	32	64
	Landikotal *	000	0	0	36	02	98	02	0	630	60	0	0	9	0	0	41	63
	Parachinar *	...	...	—	...	—	...	...	...	...	...	...	...	...	..	...	..	...
D.I. Khan	Miranshah *	...	..	...	...	...	...	...	..	—	..	..	...	...	..	..	...	...
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	495	62	7	0	9	0	0	//	66
	Hindubagh *	000	0	0	20	05	//	02	0	536	56	0	0	9	0	0	19	//
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	86
	Barkhan *	000	0	0	18	02	97	02	0	461	65	0	0	9	0	0	20	72
	Harnai *	000	0	0	00	00	96	02	0	468	65	0	0	9	0	0	25	66
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	506	53	0	0	9	0	0	47	56
	Chaman *	000	0	0	36	03	97	00	0	512	58	0	0	9	0	0	31	61
	Nushki *	000	0	0	31	04	97	02	0	553	64	0	0	9	0	0	//	//
	Dalbandin *	000	0	0	05	05	97	02	0	515	64	0	0	9	0	0	//	67
Kalat	Kalat *	000	0	0	36	02	96	00	1	471	39	0	0	9	0	0	16	63
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	—	...	..	...	...	...	...
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	000	5	0	36	02	97	00	4	189	68	0	0	9	0	0	58	60	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	0	00	00	97	02	0	174	75	0	0	9	0	0	56	59	— 1	— 5	0.7	— 2.5	92.0	140
	Chittagong	000	0	0	05	02	97	02	0	188	65	0	0	9	0	0	56	56	— 1	— 6	1.2	— 0.9	105.7	108
	Maijdee Court	000	0	0	00	00	97	00	0	178	65	0	0	9	0	0	56	56		— 6	0.4	— 1.1	128.5	115
	Comilla	000	0	0	00	00	96	02	0	177	69	0	0	9	0	0	62	64	2	+ 4	0.5	— 0.8	104.2	94
	Brahmanbaria	..	..	..	..	...	..	..	..	..	..	..	..	..	..	...	...	...	—					78
	Sylhet	000	0	3	05	02	96	03	0	168	59	0	0	9	0	0	51	//	—	/	1.5	—	14.7	—
	Srimangal	...	...	..	...	..	...	...	..	..	..	..	...	..	...	...	...	—	— 5					98
Dacca	Mymensingh	000	0	2	00	00	97	01	1	195	65	2	0	8	2	0	60	58	0	— 3	0.3	— 0.6	77.5	91
	Narayanganj	000	0	0	09	02	97	00	0	//	77	0	0	9	0	0	//	58	+ 4	— 4	1.3	+ 0.4	82.1	74
	Dacca (Tezgaon)	000	0	1	09	02	96	05	0	168	69	0	0	9	0	1	//	54	—	—	1.3	—	66.0	—
	Faridpur	000	0	0	00	00	97	00	0	178	68	0	0	9	0	0	60	58	0	— 1	1.6	+ 0.5	58.5	71
Khulna	Barisal	000	0	0	00	00	97	02	0	189	65	0	0	9	0	0	60	56	— 1	— 5	1.0	— 0.6	65.2	81
	Khulna	000	0	0	00	00	97	00	0	165	75	0	0	9	0	0	65	62	+ 6	+ 3	0.2	— 1.0	61.7	68
	Satkhira	000	0	0	00	00	97	00	7	194	69	8	0	9	0	0	56	56		— 1	0.2	— 0.4	61.7	65
	Jessore	000	0	0	00	00	96	05	0	195	65	0	0	9	0	0	56	57		—	1.1	+ 0.1	22.5	65
Rajshahi	Pabna	000	0	0	31	02	97	02	0	193	68	0	0	9	0	0	54	56	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	05	01	58	00	0	193	65	0	0	9	0	0	//	56	—	—	0.4	— 0.3	56.5	64
	Rajshahi	000	0	0	00	00	97	02	0	//	65	0	0	9	0	0	54	56	—	—	3.0	—	70.3	—
	Bogra	000	0	1	00	00	95	05	4	193	65	0	0	9	0	1	//	54	— 2	— 5	1.1	— 0.3	59.6	69
	Dinajpur	000	0	0	00	00	96	00	0	180	68	0	0	9	0	0	//	54	0	— 3	0.8	+ 0.3	96.5	72
	Rangpur	000	3	0	00	00	96	01	4	193	65	0	0	9	0	0	59	56	0	+ 6	1.5	+ 1.1	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	202	45	0	0	9	0	0	40	41	— 1	— 2	0.0	— 0.1	18.0	19
	Sialkot	...		..	..		...		..	..	...	...	...	—	...	...	..	...	+ 5					32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	201	47	0	0	9	0	0	40	41	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	212	40	0	0	9	0	0	35	38	+ 4	— 3	0.2	— 0.1	33.6	34
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	58	06	0	155	50	0	0	9	0	0	22	40	+ 4	— 6	0.0	— 0.1	7.8	15
	Sargodha	000	0	0	00	00	94	04	0	203	40	0	0	9	0	0	//	35	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	95	00	0	158	45	0	0	9	0	0	38	40	+ 2	— 5	0.0	— 0.1	7.7	13
Multan	Sahiwal																							10
	Multan	000	0	0	00	00	95	10	4	199	43	0	0	9	0	0	38	38	0	— 9	0.0	— 0.1	11.3	7
	Leiah	000	0	3	00	00	92	00	0	180	45	0	0	9	0	0	38	40	—	0	0.0	—	2.7	8
Bahawalpur	Khanpur	000	0	1	00	00	96	05	0	189	45	0	0	9	0	1	//	35	— 1	+ 2	0.3	+ 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	193	60	0	0	9	0	0	30	41	+ 9	— 8	0.0	— 0.0	2.0	6
	Fort Abbas	///	/	0	05	02	98	00	0	143	56	0	0	9	0	0	38	49		—	0.0	—	0.8	8
Peshawar	Chakdra	...	..	..	...	...	..	..	..	...	..	..	..	..	—	..	...	...	—					—
	Peshawar	...			...	...	...	...	...	...		...	..	...	...	...	...	...	+ 1					11
	Haripur	000	0	0	05	03	97	00	0	208	51	0	0	9	0	0	29	49	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	3	27	02	99	02	1	209	45	0	0	9	2	3	32	43	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	1	00	00	96	02	0	203	41	1	0	9	3	0	30	40		— 4	0.0	— 0.1	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	194	44	0	0	9	0	0	//	42	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	00	00	96	02	0	206	43	0	0	9	0	0	//	//	—	—	0.0	—	0.3	3
Kalat	Turbat	...							...				..			...		...	—			—	0.2	—
	Jiwani	000	0	0	25	03	96	02	0	150	64	0	0	9	0	0	46	59	—	—	0.0	—	2.0	5
	Pasni	000	0	0	29	06	97	02	0	153	60	0	0	0	0	0	57	//	+ 3	/	0.0	— 0.1	2.0	6
Karachi division	Ormara	000	0	1	00	00	96	02	2	164	62	1	0	9	0	0	55	//	—	—	0.0	0.0	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	6	05	03	96	03	2	156	65	6	6	4	0	0	38	61	0	— 2	0.0	— 0.1	1.1	8
	Karachi (Ariport)	000	0	5	09	02	96	03	1	165	61	5	0	9	3	0	30	58	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	//	97	02	0	083	70	0	6	6	6	0	69	70	—	—	0.0	—	0.1	—
	Chhor	000	0	2	00	00	96	03	0	151	51	0	0	9	0	1	27	48	—	—	0.0	—	0.3	7
	Hyderabad	000	0	5	31	05	97	03	2	173	59	2	0	9	3	7	24	56	0	+ 1	0.0	0.0	0.3	9
	Badin	000	0	4	36	03	97	03	0	136	56	0	0	9	0	4	46	54	+ 3	— 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	4	36	03	96	03	0	173	48	0	0	9	0	5	35	43	—	—	0.0	—	0.8	—
	Nawabshah	000	0	6	31	03	96	03	1	125	47	0	0	9	0	7	39	44	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	31	05	96	03	0	157	//	0	0	9	0	6	38	52	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	31	02	96	02	0	189	51	0	0	9	0	0	36	49	+ 6	— 3	0.1	+ 0.0	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							24
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							3
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	05	03	98	00	0	534	41	0	0	9	0	0	24	38	+ 1	0	1.0	+ 0.3	41.0	18
Peshawar	Drosh *																							29
	Cherat *	...	...	...	...	...	..	...	..	..	...	...	..	...	—	...	...	...	+ 9					—
	Kakul *	000	0	0	36	02	98	02	0	536	45	0	0	9	0	0	29	45	—	—	1.0	—	34.0	29
	Landikotal *	000	0	0	36	02	98	02	0	608	40	0	0	9	0	0	16	38	—	—	0.7	—	34.0	13
	Parachinar *	000	0	2	02	02	98	03	0	546	40	2	0	9	3	0	35	35	—	— 1	0.6	—	22.2	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	528	45	0	0	9	0	0	24	45		0	0.0	—	2.0	11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	3	13	02	98	02	0	523	39	0	0	9	0	3	//	30	0	— 5	0.0	— 0.1	6.5	—
	Hindubagh *	000	0	0	27	02	97	02	0	572	39	0	1	9	0	0	27	28	/	—	0.0	—	0.2	9
	Loralai *	000	0	/	//	//	98	00	0	390	55	0	0	9	0	0	45	45	—	—	0.1	—	0.6	—
	Barkhan *	000	0	0	31	05	97	02	0	474	//	0	0	9	0	0	//	44	—	—	0.0	—	0.7	14
	Harnai *	000	0	0	00	00	96	02	0	484	44	0	0	0	0	0	//	//	—	/	0.0	— 0.2	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	529	41	0	0	9	0	0	//	33	—	—		—	—	8
	Chaman *	000	0	0	09	03	97	00	0	515	40	0	0	9	0	0	15	37	— 2	— 3	0.0	— 0.2	4.8	—
	Nushki *	...	..	...	...	...	...	..	...	..	...	...	...	..	..	...	...	...	—					4
	Dalbandin *	000	0	0	00	00	98	02	0	501	35	0	0	9	0	0	11	29	+ 7	— 7	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	18	02	96	02	0	525	27	0	0	9	0	0	//	//	+ 4	/	0.8	— 0.2	2.2	—
	Khuzdar *	001	0	0	00	00	96	02	0	512	44	0	0	9	0	0	//	40		—	0.3	—	3.5	5
	Panjgur *																							—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 28th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_oL_o$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_vV_sa PP	7RR t_pt_R	$8N_sCh_sh_s$	$OT_sT_sT_sT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hemis/Lcd ...	99 2 47	10 6 46	26 1 23	39 9 03	99 0 20	12 2 76	00 0 01	24 6 11			05 4 52	18 0 01	30 3 01	
Duwara ...	99 0 49	10 4 96	27 1 23	30 6 09	28 0 21	11 0 26	31 3 00	12 6 00			05 0 23	12 7 09	30 2 01	

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb hhh TTT_aDD	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 182 35	...	500 136 39	156 088 99	588 027 59	762 155 60	973 319 59	247 535 //	—	...	...	...	...
Dacca ...	00 00	016 140 35	...	700 086 58	101 026 62	579 107 63	747 193 62	955 360 60	225 581 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 147 64	...	400 060 44	939 061 //	550 261 //	709 301 //	912 361 //	183 551 //	...	...	...	...	...
Multan ...	00 00	103 030 //	...	680 090 30	221 060 30	588 131 //	753 235 //	—	...	...	...	...	...	...
Peshawar ...														
Quetta ...		MISDA	...							...	...	...	...	—
Sargodha ...	00 00	995 134 45	...	540 074 57	076 021 45	565 211 //	727 301 //	925 425 //	212 545 //	...	—	...	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_aDD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 146 58	800 128 60	600 046 59	350 227 59	...	...	...	...	...	...	—	...
Dacca ...	00 00	900 122 58	/// /// //	600 100 58	...	...	...	...	...	...	...	—	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	335 10	330 11	330 11	325 11	315 20	300 28	...	...	...	015 12	010 19	345 18	320 22	330 23	315 24
Bogra ...	310 09	325 10	315 10	315 11	295 12	...	...	...	...	115 07	085 02	340 06	310 20	300 29	...
Chaklala ...	...	260 01	260 01	355 01	105 02	140 05	060 05	355 04	...	...	050 04	345 03	240 04	130 06	140 06
Chhor ...	200 04	195 08	220 11	255 16	265 19	260 25		...	...	120 11	130 07	340 02	240 02	255 06	250 11
Chittagong ...	350 12	350 14	330 15	310 18	305 29	295 42	...	...	...		...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...						
Cox's Bazar ...	010 15	010 18	010 19	355 24	340 27		...	...	...	075 10	075 14	065 17	045 23	145 26	...
Dacca ...	345 06	325 19	320 14	380 12	295 14	300 21		...	...	050 13	350 19	320 20	090 05	290 17	015 01
Dalbandin ...	...	...	/// //	035 11	030 12	255 13	250 19	245 26	240 35		...	075 10	070 15	025 05	215 14
D. I. Khan ...	100 01	035 03	015 03	140 04	040 05	100 02	2 5 11	275 15	285 18	225 04	225 03	175 04	...	350 08	...
Drosh ...	...	...	...	110 03	020 04	010 10	150 05	170 05	140 05	...		...	055 01	053 07	036 07
Fort Sandeman ...	...	...	...	025 01	320 01	190 03	265 19	275 29	255 18	...	...	...	065 02	185 02	210 09
Gilgit ...	...	...	...	...	...	...		...	...	...	...	...	275 02	280 06	310 08
Ishurdi ...															
Jacobabad ...	250 02	135 04	160 05	185 05	240 05	285 10	255 26	250 27	250 34	080 06	095 08	100 08	105 07	130 05	220 13
Jessore ...	350 11	350 10	345 09	320 07	305 06	300 10		...	...	035 06	035 07	220 10	310 15	300 14	300 15
Jhelum ...	205 04	265 04	295 10	310 12	350 04	285 04	260 11	...	280 27	335 06	335 05	315 04	260 06	335 03	245 13
Jiwani ...	295 03	335 05	335 10	330 08	320 11	275 16	220 26	235 38	245 52	290 14	280 11	300 07	270 02	180 08	250 11
Karachi ...	215 08	235 09	265 04	300 04	240 09	240 19	280 16		230 18						
Khanpur ...	205 07	220 09	225 10	240 10	260 06	305 04	280 21	280 27	280 25	210 08	220 04	230 04	240 07	245 11	235 15
Khuzdar ...				130 07	240 05	300 14	270 29	250 32	240 41				285 02	290 06	320 11
Lahore ...	295 03	290 06	290 06	290 04	300 09	350 04	285 08	285 17	285 14	330 09	320 09	310 06	300 05	310 09	325 18
Multan ...	200 10	210 09	210 09	150 09	230 09	295 20	285 27	295 20	270 56	100 04	110 03	180 03	190 47	220 05	240 11
Nawab Shah ...	025 03	075 02	130 03	280 05	255 08	285 05	060 15	...	...	355 08	355 08	360 04	225 07	230 14	220 10
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	130 06	140 04	220 09	220 10
Panjgur ...	...	...	...	030 07	085 07	130 03	230 15	240 35	240 40	...	...	...	350 15	335 18	252 5
Peshawar ...	...	165 03	055 01	295 04	320 04	345 07	115 01	270 10	275 14	...	...	...	...	...	...
Parachinar ...	...	...	...	050 02	150 08	265 13	245 07		270 15	...	...	...	215 04	085 03	...
Quetta ...	...	...	...	...	255 03	280 09	250 22	245 32	240 39	...	...	...	245 11	200 06	...
Sargodha ...	315 02	240 01	130 02	105 02	045 05	295 04	290 15	295 23	300 25	015 01	340 01	040 04	104 05	140 04	165 06
Skardu ...	...	...	...	...	...	...							220 05		
Sylhet ...	100 03	100 03	095 03	105 02	050 10	260 03	...	...	...	085 11	080 07	050 07	055 10	065 07	350 20
Veraval ...	...	...		...	...		...	...	...	...	...	...	...		

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	360 03	360 18	360 18	355 21	335 30	330 25	315 26	310 35	300 39	...	...
Bogra ...	125 02	310 01	330 06	315 16	330 15	345 15	355 21	...	...	...	...
Chaklala ...	...	280 03	350 01	010 02	065 01	210 01	270 21	255 24	295 26	...	...
Chhor ...	060 03	065 04	350 03	240 10	235 10	235 15	230 17	230 23	230 35	...	...
Chittagong ...	359 14	340 09	340 11	310 09	350 09	275 19	285 29	270 34	260 33	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...										...	...
Dacca ...	340 08	045 05	345 05	345 11	345 25	315 19	320 28	300 20	300 20	...	...
Dalbandin ...	...	...	080 07	125 05	135 02	195 09	215 28	215 28	235 33	...	...
D. I. Khan ...	190 01	205 01	205 02	120 02	085 04	075 06	270 09	255 23	225 26	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	—	255 04	060 06	350 05	295 05	245 19	230 29	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...										...	...
Jacobabad ...	075 11	100 12	120 10	125 03	130 09	105 09	230 26	315 21	215 35	...	...
Jessore ...	035 02	360 02	335 07	320 17	320 21	315 17	295 25	295 29	325 37	...	...
Jhelum ...	315 03	315 10	/// //	285 04	265 03	235 09	270 21	265 29	265 34	...	...
Jiwani ...	125 03	125 03	110 03	325 02	270 07	240 20	235 26	245 50	250 61	...	...
Karachi ...	075 12	060 08	230 06	225 12	220 22	240 18	245 21	245 03	240 31	...	...
Khanpur ...	010 10	125 12	110 10	100 08	050 08	050 01	030 14	180 21	210 21	...	...
Khuzdar ...										...	...
Lahore ...	330 02	325 05	325 03	325 03	015 03	320 05	280 19	270 19	270 21	...	...
Multan ...	140 01	155 03	175 06	195 09	235 07	010 03	235 19	250 16	235 44	...	...
Nawab Shah ...	045 06	076 03	015 02	225 07	230 17	250 13	230 20	...	...	...	...
Nokkundi ...	...		190 03	090 10	080 17	115 14	/// //	220 12	230 12	...	...
Panjgur ...			...	145 04	180 06	280 08	215 19	225 23	245 26	...	...
Peshawar ...	...	030 04	005 10	300 21	265 01	135 04	260 20	245 24	245 25	...	...
Parachinar ...	...	...	...	095 02	130 06	245 28	265 17		235 21	...	...
Quetta ...					180 04	215 12	235 28	360 39	240 51	...	...
Sargodha ...	230 01	275 01	190 01	100 02	345 06	300 06	260 21	265 25	260 20	...	...
Skardu ...	...				...	...	...	...	...	...	...
Sylhet ...	085 05	080 05	075 00	080 01	030 09	...	...	...	...	...	...
Veraval ...	...	...	...	...	...		...	...	...	...	...

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	035 36	035 04	231 09	230 15	195 15	215 21	240 21	235 25	23 532	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

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

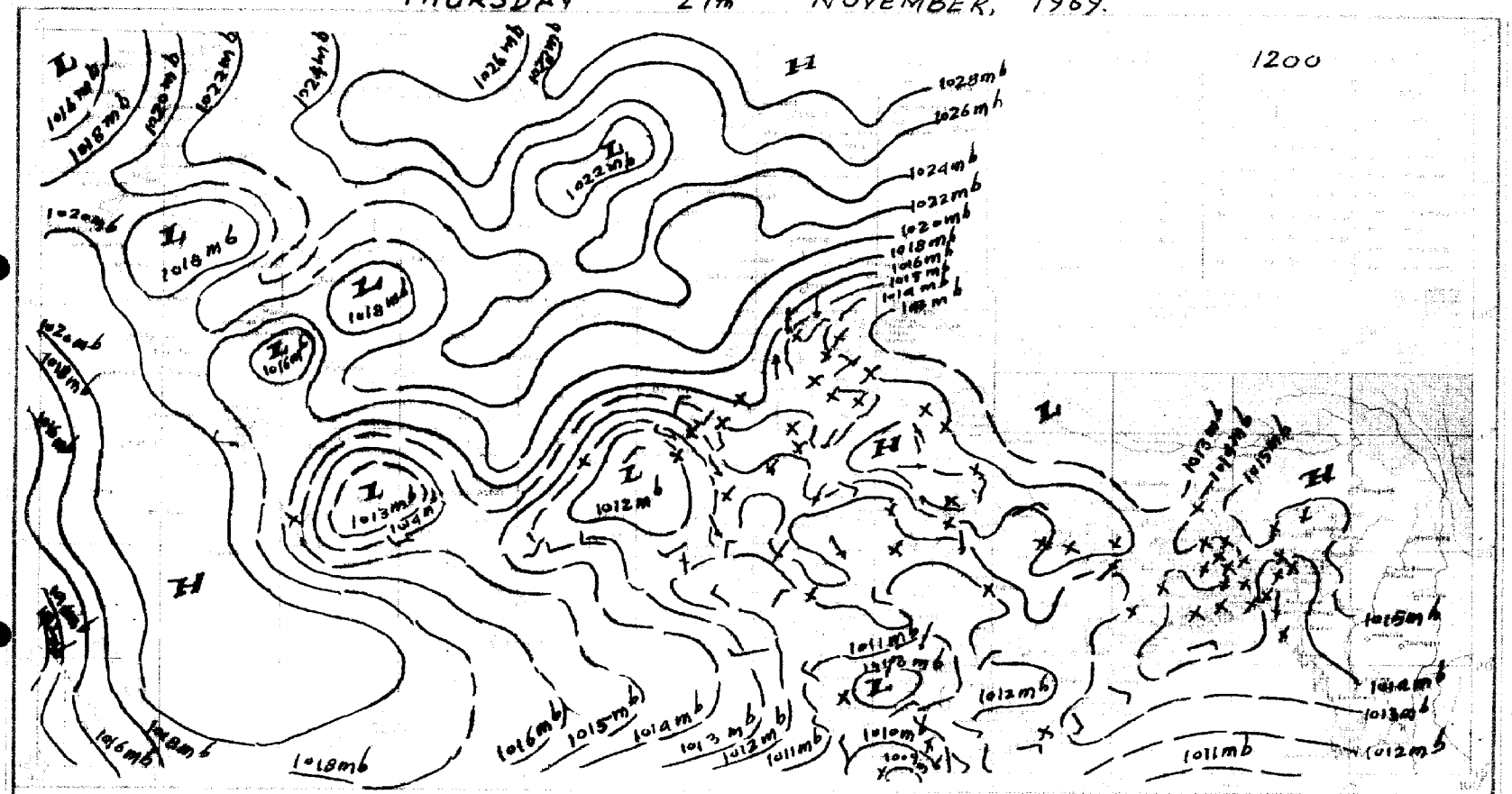
† The actual time of observations may vary within half an hour of the specified time.

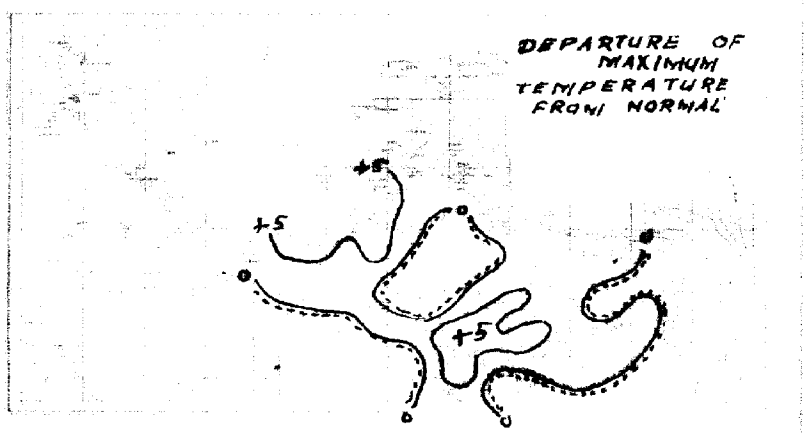
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

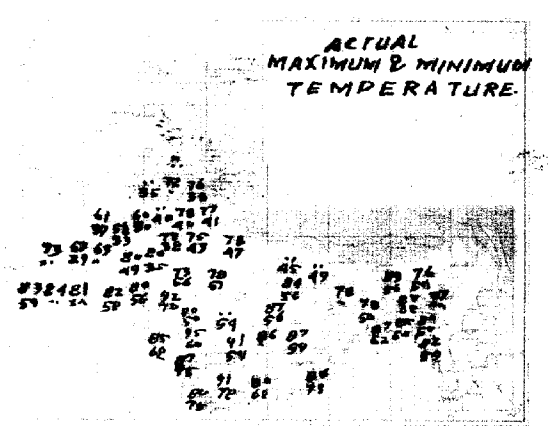
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 27th NOVEMBER, 1969.



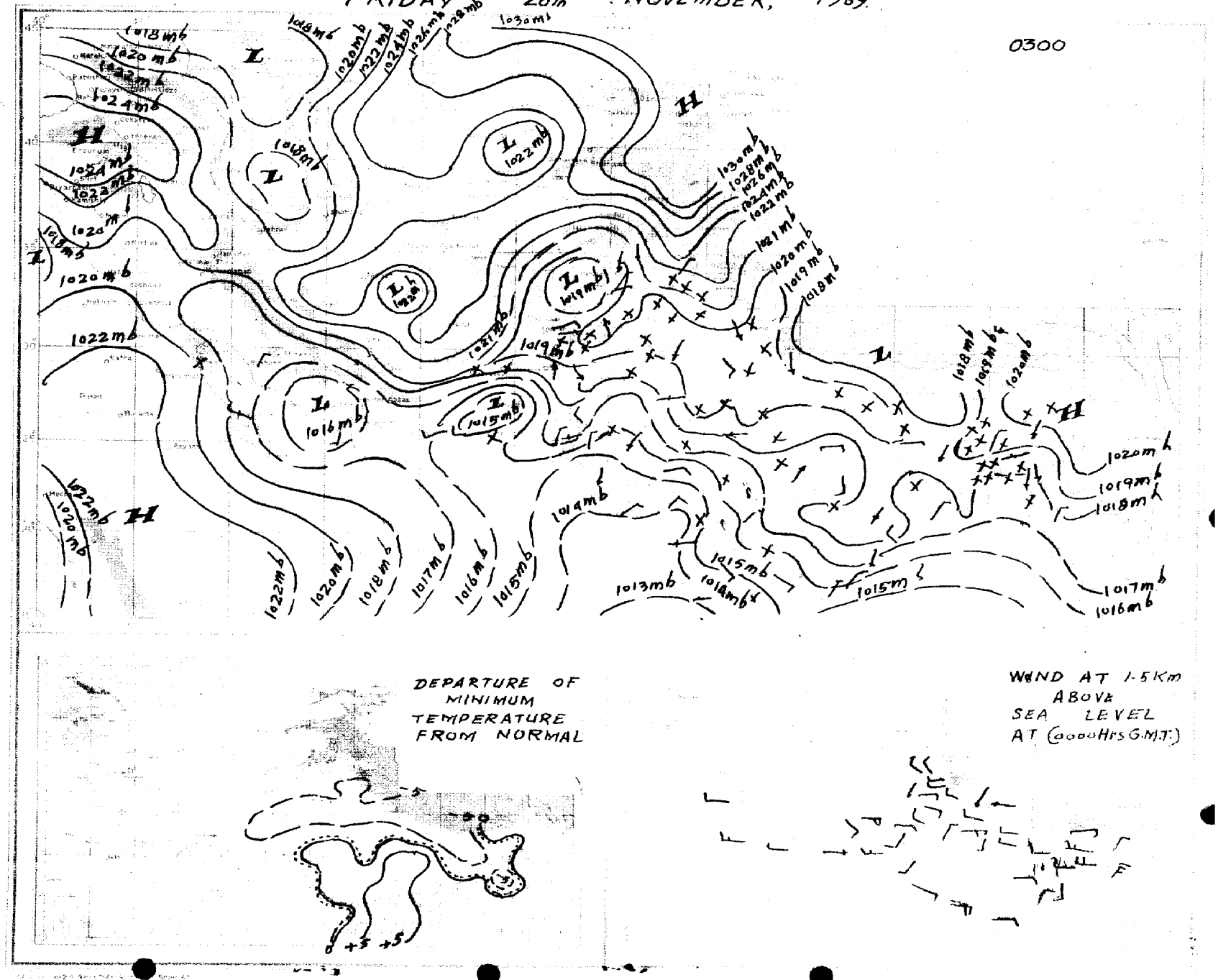




PAKISTAN DAILY WEATHER MAP

FRIDAY 28th NOVEMBER, 1969.

0300



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 29th NOVEMBER 1969.

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

Yesterday's trough of low pressure over eastern sector North Arabian Sea persists. The trough of low pressure overKalat division now lies over Rajasthan. A few thunderstorm/lighi showers have occurred in Sargodha and Bahawalpur division. Weather remained dry elsewhere over the country.

Night temperatures were 3—7 °F (2—4 °C) above normal in Peshawar and Hyderabad divisions and were 3—8 °F (2—4 °C) below normal elsewhere in the country outside Khulna, Rawalpindi, Sargodha, Karachi and Khairpur divisions.

Forecast valid until the evening of 30th November 1969 :—A few thunderstorms may occur in Peshawar, Sargodha and D. I. Khan division. Weather will be dry elsewhere in the country.

Karachi-11
The 29th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature*	Amount of Lowest Cloud †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature *F	Maximum temperature *F
1	2	RRR	Ws	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	Rangamati	000	0	0	31	02	95	00	0	156	72	0	0		0	0	49	78
	Cox's Bazar	000	0	0	36	12	97	03	0	177	80	0	0	9	0	0	40	87
	Chittagong	000	0	0	00	00	//	02	0	154	72	0	0	9	0	0	58	78
	Maijdee Court	000	0	0	00	00	//	00	0	147	72	0	0	9	0	0	59	78
	Comilla	000	0	0	00	00	96	02	0	144	67	0	0	9	0	0	64	82
Dacca	Brahmanbaria																	
	Sylhet	000	0	1	05	05	//	01	0	160	68	0	0	9	0	0	58	87
	Srimangal	000	0	0	00	00	//	00	0	154	65	0	0	9	0	0	62	87
	Mymensingh	000	0	0	00	00	//	00	0	171	69	0	0	0	0	0	54	79
	Narayanganj	000	0	0	00	00	//	00	0	138	73	0	0	9	0	0	54	83
	Dacca (Tejgaon)	000	0	2	00	03	96	03	0	159	72	0	0	9	0	0	54	80
	Faridpur	000	0	0	00	00	92	//	0	160	68	0	0	9	0	0	59	81
Khulna	Barisal	000	0	0	00	00	//	02	0	159	69	0	0	9	0	0	60	81
	Khulna	000	0	9	00	00	97	00	0	135	80	0	0	9	0	0	63	87
	Satkhira	000	0	0	00	00	95	00	0	156	69	0	0	9	0	0	60	82
	Jessore	000	0	0	31	02	97	02	0	158	70	0	0	9	0	0	54	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	162	68	/	/	/	/	/	59	81
	Sirajgan	000	0	0	36	01	//	00	0	163	73	0	0	9	0	0	58	78
	Rajshahi	000	0	0	00	00	94	02	0	165	69	0	0	9	0	0	54	79
	Bogra	000	0	2	00	00	//	01	0	175	70	0	0	9	0	1	58	78
	Dinajpur	000	0	0	00	00	//	00	0	164	69	0	0	9	0	0	58	79
	Rangpur	000	0	3	00	00	96	03	0	131	64	3	0	9	1	0	59	78
Kashmir	Jammu																	
Lahore	Lahore (Ialt Rd.)	000	0	0	00	00	95	02	0	168	70	0	0	9	0	0	43	76
	Sialkot	000	0	0	00	00	96	00	0	147	72	0	0	9	0	0	64	78
Rawalpindi	Jhelum	000	0	1	23	03	96	03	0	166	67	0	0	9	3	0	36	77
	Islamabad																	
	Rawalpindi																	
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	172	70	0	0	9	0	0	58	78
	Sargodha	000	0	0	27	02	97	02	0	162	67	0	0	9	0	0	47	76
	Lyallpur	000	0	0	00	00	96	00	0	173	72	0	0	9	0	0	49	77
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	175	70	0	0	9	0	0	40	72
	Leiah	000	0	0	36	00	94	00	0	140	76	0	0	9	0	0	34	77
Bahawalpur	Khairpur	000	0	3	00	00	97	02	0	168	73	0	0	9	0	2	60	77
	Bahawalpur	000	0	0	00	00	96	00	0	153	76	0	0	9	0	0	43	86
	Fort Abbas	///	/	0	00	00	98	00	0	145	87	0	0	9	0	0	77	87
Peshawar	Chakdra	000	0	4	36	02	98	03	0	146	63	4	0	9	0	0	41	63
	Peshawar																	
	Risalpur	000	0	0	23	02	97	00	0	163	68	0	0	9	0	0	38	72
D. I. Khan	Bannu	000	0	2	13	01	99	01	0	177	67	0	0	9	2	0	51	73
	D. I. Khan	000	0	0	00	00	97	02	0	160	70	0	0	9	0	0	32	73
Quetta	Sibi	000	0	0	00	00	97	02	0	170	78	0	0	9	0	0	60	81
	Nokkundi	000	0	0	23	03	97	02	0	132	70	0	0	9	0	0	38	73
Kalat	Turbat	000	0	0	05	02	96	00	0	986	//	0	0	9	0	0	//	83
	Jiwani	000	0	0	18	07	96	01	0	144	75	0	0	9	0	0	59	78
	Pasni	000	0	0	11	12	97	02	0	156	78	0	0	0	0	0	67	79
Karachi division	Ormara	000	0	1	09	07	96	04	4	152	75	1	8	6	0	0	68	77
	Lasbela																	
	Karachi (Manora)	000	0	5	09	05	97	03	0	143	79	0	0	9	0	4	55	85
	Karachi (Airport)	000	0	7	09	07	96	03	0	144	81	3	6	9	0	1	44	83
Hyderabad	Nagarparker																	
	Chhor	000	0	4	00	00	96	02	0	145	79	0	0	9	0	0	//	87
	Hyderabad	000	0	5	36	03	97	02	2	156	75	2	0	9	3	1	42	79
	Badin	000	0	4	36	06	97	03	0	144	84	0	0	9	0	0	57	85
Khairpur	Padidan	000	0	4	36	03	96	02	0	156	75	0	0	9	0	5	31	64
	Nawabshah	000	0	6	00	00	96	03	2	165	74	0	0	9	0	8	48	76
	Sukkur																	
	Kashmore																	
	Jacobabad	000	0	1	36	02	97	02	0	164	77	0	0	9	0	1	//	78
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Miagar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	Drosh																	
	Chitral	000	0	0	00	00	98	00	0	529	56	0	0	9	0	0	25	59
	Kakul	000	0	1	20	02	98	03	0	529	59	0	0	9	0	1	36	64
	Landikotal	000	0	0	36	03	98	02	0	626	63	0	0	9	0	0	32	64
	Peshawar	000	0	0	00	00	98	02	0	540	51	0	0	9	0	0	47	60
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	428	67	0	0	9	0	0	45	72
	Wana																	
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	518	63	0	0	9	0	0	//	66
	Hindubagh	000	0	0	20	03	97	02	0	514	54	0	0	9	0	0	45	55
	Loralai	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	80
	Barkhan																	
	Harnai	000	0	0	00	00	96	02	0	468	65	0	0	9	0	0	//	64
	Samungli (Quetta)	000	0	0	18	05	96	02	0	506	59	0	0	9	0	0	//	61
	Chaman	000	0	0	36	03	97	00	0	512	58	0	0	9	0	0	31	64
	Nushki	000	0	0	00	00	97	02	0	561	64	0	0	9	0	0	//	64
	Dalbandin	000	0	0	05	02	96	02	0	510	68	0	0	9	0	0	//	72
Kalat	Kalat	000	0	0	18	03	96	00	2	475	64	0	0	9	0	0	37	65
	Khuzdar																	
	Panjgur																	

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	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn	39	*0	41	42
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
Chittagong	Rangamati	000	5	2	36	02	98	02	4	197	69	1	4	6	3	0	61	62	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	0	00	00	96	02	0	176	73	0	0	9	0	0	56	59	— 4	— 5	0.7	— 2.5	92.0	140
	Chittagong	000	0	0	35	03	96	01	0	181	65	1	1	5	3	0	58	59	— 3	— 4	1.2	— 1.0	105.7	108
	Maijdee Court																		— 3					115
	Comilla	000	0	0	00	00	96	02	0	179	73	0	0	9	0	0	64	64	—	+ 4	0.5	— 1.0	////	94
Dacca	Brahmanbaria																							78
	Sylhet	000	0	0	09	05	96	02	2	182	69	0	0	9	0	0	//	58	—	—	1.5	—	14.7	—
	Srimangal																		— 4					98
	Mymensingh	000	0	0	00	00	97	00	0	184	77	0	0	9	0	0	59	59	+ 1	— 3	1.3	+ 0.4	82.1	91
	Narayanganj	000	0	0	00	00	96	03	0	165	73	0	0	9	0	0	//	56	—	—	1.3	—	66.0	74
	Dacca (Tejgaon)	000	0	0	02	02	97	00	0	186	64	0	0	9	0	0	//	54	— 1	— 5	1.6	+ 0.5	58.5	—
	Faridpur																							71
Khulna	Barisal																		0					81
	Khulna	000	0	0	00	00	97	00	0	196	75	0	0	9	0	0	58	59	+ 6	0	0.2	— 1.0	61.7	68
	Satkhira																		— 1					65
	Jessore	000	0	0	00	00	94	05	4	183	65	0	0	9	0	0	//	57	—	—	1.1	+ 0.1	62.5	65
Rajshahi	Pabna																							59
	Sirajgan	000	0	0	36	01	98	00	0	186	68	0	0	9	0	0	//	58	—	—	0.4	— 0.3	56.5	64
	Rajshahi																		—					—
	Bogra	000	0	0	36	02	96	02	0	187	65	0	0	9	0	0	60	//	— 2	—	1.1	+ 0.3	59.6	69
	Dinajpur	000	0	0	36	02	96	00	0	191	68	0	0	9	0	0	//	51	— 1	— 6	0.8	+ 0.3	96.0	72
	Rangpur																		— 2					84
Kashmir	Jammu																							—
Lahore	Lahore (Ialt Rd.)	000	0	0	00	00	//	//	/	216	47	0	0	9	0	0	40	41	— 2	— 2	0.0	— 0.1	18.0	—
	Sialkot																		+ 3					19
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	215	43	0	0	9	0	0	40	40	—	—	0.0	—	31.2	32
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	221	43	0	0	9	0	0	38	40		— 1	0.2	— 0.1	33.6	34
	Campbellpur																							—
Sargodha	Khushab																		0					—
	Sargodha	000	0	0	00	00	95	04	9	210	40	0	0	9	0	0	33	38	—	—	0.1	—	20.7	18
	Lyallpur																		+ 7					13
Multan	Sahiwal																							—
	Multan	000	0	0	00	00	92	10	0	216	43	0	0	9	0	0	38	38	— 5	— 9	0.0	— 0.1	11.3	10
	Leiah	000	0	0	36	00	92	00	0	202	43	0	0	9	0	0	33	38	—	—	0.0	—	2.7	7
Bahawalpur	Khairpur	000	0	1	00	00	96	01	6	210	45	0	0	9	0	0	33	38	— 4	+ 9	0.3	+ 0.2	1.4	8
	Bahawalpur	000	0	0	00	00	96	00	0	214	56	0	0	9	0	0	38	42	+ 8	— 6	0.0	— 0.0	2.0	4
	Fort Abbas																		—					8
Peshawar	Chakdra																							—
	Peshawar	080	0	0	18	02	97	02	0	211	43	0	0	9	0	0	35	41	—	— 4	0.5	+ 0.2	14.8	—
	Risalpur	000	0	0	05	03	97	00	0	225	50	0	0	9	0	0	40	43	—	—	1.0	—	24.0	11
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	212	43	0	0	9	0	0	33	41	—	—	0.5	—	3.0	—
	D. I. Khan	000	0	0	00	00	96	02	0	205	47	0	0	9	0	0	35	38	— 3	— 6	0.0	— 0.1	6.0	11
Quetta	Sibi	000	0	0	00	00	97	02	0	223	42	0	0	9	0	0	//	41	—	—	0.0	—	0.2	9
	Nokkundi	000	0	0	00	00	96	02	0	213	43	0	0	9	0	0	24	40	—	—	0.0	—	0.3	5
Kalat	Turbat	000	0	0	09	02	96	00	0	041	61	0	0	9	0	0	49	//	—	/	0.0	—	0.2	3
	Jiwani	000	0	0	36	03	96	02	0	180	65	0	0	9	0	0	54	61	—	—	0.0	—	2.0	—
	Pasni	000	0	0	00	00	97	02	0	///	65	0	4	9	0	0	60	//	— 2	/	0.0	— 0.1	2.0	5
Karachi division	Ormara	000	0	1	00	00	96	02	2	180	64	1	8	6	0	0	59	//	—	/	0.0	0.0	0.6	6
	Lasbela																							8
	Karachi (Manora)																		+ 4					8
	Karachi (Airport)	000	0	6	36	02	96	03	1	178	67	4	0	9	3	1	40	42	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker																							—
	Chhor	000	0	2	05	03	96	02	0	175	59	0	0	9	0	1	23	52	—	—	0.0	—	0.3	7
	Hyderabad	000	0	5	35	07	97	[illegible]	2	153	51	5	0	/	3	0	31	59	— 1	+ 4	0.0	— 0.1	0.3	9
	Badin	000	0	4	36	08	97	03	0	159	59	0	0	9	0	4	37	57	0	+ 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	1	36	03	96	01	0	201	46	0	0	9	0	1	34	44	—	—	0.0	—	0.8	—
	Nawabshah	000	0	1	31	03	96	03	0	201	51	0	0	9	0	0	40	46	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	188	53	0	0	9	0	0	34	47		—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	00	00	96	03	0	208	51	0	0	9	0	1	31	49	+ 4	— 1	0.1	+ 0.0	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar																							71
	Gulmarg																							86
	Sonamarg																							3
	Dras																							6
	Leh																							—
	Skardu																							5
	Miagar																							39
	Aliabad																							18
	Gilgit																							11
Rawalpindi	Murree	000	0	0	18	03	98	00	1	550	41	0	0	9	0	0	27	38		0	10.0	+ 0.2	41.0	11
Peshawar	Drosh																							—
	Chitral	000	0	0	00	00	98	00	0	543	51	2	0	9	/	0	20	47	— 2	+ 7	0.6	+ 0.3	15.0	29
	Kakul	000	0	0	00	00	98	02	0	541	49	0	0	9	0	0	29	45	—	—	1.1	—	34.0	—
	Landikotal																		—					—
	Peshawar	000	0	0	00	98	02	0	559	41	0	0	9	0	0	18	38		0	+ 2	0.6	—	22.2	39
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	501	40	0	0	9	0	0	23	40	—	—	0.0	— 0.0	2.0	13
	Wana																							11
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	530	36	0	0	9	0	0	//	32		0	0.0	— 0.1	6.5	11
	Hindubagh	000	0	0	00	00	97	02	0	572	35	0	0	9	0	0	//	29	—	—	0.0	—	0.2	—
	Loralai	000	0	0	27	02	98	00	0	550	55	0	0	9	0	0	45	45	—	—	0.1	—	0.6	9
	Barkhan																							—
	Harnai	000	0	0	00	00	96	02	0	479	39	0	0	9	0	0	//	40		/	0.0	—	1.0	14
	Samungli (Quetta)	000	0	0	00	00	96	02	0	534	39	0	0	9	0	0	//	36	—	/		— 0.2	5.6	9
	Chaman	000	0	0	09	03	97	00	0	530	43	0	0	9	0	0	16	40	— 2	—	0.0	— 0.2	4.7	—
	Nushki	000	0	0	07	05	97	02	0	578	53	0	0	9	0	0	21	46	—	—	0.0	—	2.5	8
	Dalbandin	000	0	0	00	00	98	02	0	509	38	0	0	9	0	0	//	29	+ 3	— 5	0.0	— 0.1	0.5	4
Kalat	Kalat	000	0	0	18	03	96	02	0	530	32	0	0	9	0	0	//	24	+ 6	— 4	0.0	— 0.2	2.2	7
	Khuzdar																							—
	Panjgur																							5

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 29th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka ... —	99 1 04	10 7 21	28 1 23	62 8 05	98 0 31	12 1 28	10 1 94			84 3 98	00 0 11		30 1 01	35 5 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong —	00 00	014 168 31	...	500 128 47	158 076 59	578 495 92	760 171 57	969 335 58	...	—	...	...	...	...
Dacca —	00 00	017 220 57	...	400 132 60	169 084 60	589 061 //	760 189 66	960 339 66	239 549 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 172 62	...	...	...	...	...		...	...	...	...	...	...
Multan ...	00 00	005 042 23	...	500 170 76	173 040 60	585 111 //	753 211 //	961 335 //	236 471 //	...	...	...	...	—
Peshawar ...	00 00	978 054 39		500 092 56	088 028 48	573 157 //	737 267 //	939 397 //	207 537 //				...	
Quetta —		MISDA	...							...	...	...	...	...
Sargodha ...	00 00	997 130 41	...	480 084 80	071 804 35	568 175 //	/// /// //	/// /// //	202 511 //	...	—	...	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 169 56	800 104 66	...	...	...	...	...	...	...	...	—	—
Dacca ...	00 00	900 162 59	800 118 64	600 034 //	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ..													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...	00 00	...	...	-	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00												
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal	345 15	355 15	/// //	360 17	005 10	...	...	...	...
Bogra	325 05	340 06	/// //	070 05	050 08	305 32	...	...	...
Chaklala	...	260 10	270 08	270 03	009 00	115 07	285 10	265 20	...
Chhor	110 07	015 08	010 07	230 04	235 75	260 19	245 19	250 26	255 34
Chittagong	345 11	350 12	335 13	010 11	010 06	300 05	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	362 19	005 12	005 05	052 2/	105 15	105 16	...	...	...
Dacca	315 01	330 13	355 10	020 09	030 07	...	...	...	..
Dalbandin	...	...	160 08	220 03	210 05	175 10	240 20	230 27	240 27
D. I. Khan	035 02	065 02	095 02	095 04	185 03	120 10	215 03	260 12	240 18
Drosh	...	...	...	195 02	040 03	015 04	130 03	140 04	140 06
Fort Sandeman	...	...	...	355 01	135 02	170 16	250 09	255 14	255 16
Gilgit	...	...	...	110 03	215 02	265 01	150 08	280 14	230 17
Ishurdi	...	...	...	...	...	...	...	...	...
Jacobabad	055 04	180 34	090 04	110 07	165 09	270 11	2/0 36	235 44	235 5/
Jessore	355 07	355 07	335 07	340 09	325 19	325 15	...	...	...
Jhelum	225 09	280 06	280 08	295 04	155 02	360 04	270 20	255 22	250 34
Jiwani	155 06	145 05	140 05	145 02	410 11	245 20	245 30	250 49	250 47
Karachi	070 08	075 07	100 02	220 04	240 05	...	...	...	...
Khanpur	030 06	070 07	070 13	065 11	085 13	165 11	220 20	235 27	220 19
Khuzdar	...	...	...	115 07	155 07	210 06	225 29	220 40	235 44
Lahore	315 06	320 06	308 08	300 07	320 04	280 20	265 39	015 68	340 78
Multan	215 02	200 02	210 02	125 01	085 01	245 05	235 25	220 31	230 45
Nawab Shah	260 10	055 06	065 07	095 06	220 11	368 07	...	...	...
Nokkundi	...	...	150 01	105 00	240 03	225 15	220 17	215 18	215 22
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	130 04	195 03	230 02	330 03	035 08	305 11	225 20	260 33
Parachinar	...	...	...	045 04	150 08	255 19	330 05		240 29
Quetta	...	...	...	...	180 08	155 06	225 25	220 29	255 33
Sargodha	300 04	265 03	325 02	005 04	095 01	300 07	250 27	245 26	—
Skardu	...			080 03	035 00	105 05		...	...
Sylhet	015 05	025 04	065 09	050 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 1	11	12	13	14	15	16
Barisal	320 08	315 11	320 09	055 03	030 06	260 05
Bogra	..	...	...	...	...	...
Chaklala	...	065 05	040 09	170 02	175 05	145 26
Chhor	265 08	070 06	010 07	265 13	245 19	235 31
Chittagong	...	...	...	...	...	...
Cherat	...					
Cox's Bazar	055 07	065 06	120 05	165 13	150 13	150 20
Dacca	050 08	050 06	050 06	..	050 04	...
Dalbandin	...	...	080 01	195 06	235 14	260 15
D. I. Khan	080 06	090 07	/// //	095 04	235 03	300 07
Drosh	...		...	053 02	025 05	030 07
Fort Sandeman	..	...	...	205 02	240 03	130 09
Gilgit	...	.	...	150 01	285 06	260 03
Ishurdi	...					
Jacobabad	015 04	035 05	050 05	135 03	240 13	295 05
Jessore	030 11	030 07	045 07	330 11	210 12	330 15
Jhelum	290 06	305 09	325 10	300 05	255 03	275 08
Jiwani	020 06	045 06	050 02	195 05	185 06	255 15
Karachi	...	...	...	...	...	...
Khanpur	200 08	195 09	220 11	240 15	240 13	240 12
Khuzdar	...			180 04	210 08	235 11
Lahore	350 04	320 04	310 04	215 01	350 01	165 02
Multan	130 02	195 02	250 04	300 01	165 06	235 15
Nawab Shah	055 21	030 16	010 12	265 10	240 31	255 24
Nokkundi	..	...	180 05	155 07	130 09	140 09
Panjgur	...					
Peshawar	...	250 04	330 07	335 06	065 06	225 04
Parachinar	...	..	...	218 03	005 03	
Quetta	...				240 08	255 06
Sargodha	285 03	285 03	330 01	345 01	345 03	040 06
Skardu				230 02		
Sylhet	085 13	081 54	/05 17	140 12	115 09	085 05
Veraval	...	...	...	...	...	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	030 03	300 08	340 02	010 05	025 03	280 11	...	...	...	...	...
Bogra	150 06	055 06	155 04	090 03	040 05	070 06	...	...	...	...	...
Chaklala	...	155 01	110 04	120 06	160 07	170 09	200 15	235 23	240 41	...	...
Chhor										...	...
Chittagong	195 07	170 04	165 08	165 26	155 17	235 14	265 20	270 19	255 32	...	...
Cherat										...	...
Cox's Bazar	235 09	225 08	225 06	205 04	180 03	170 03	190 17	170 17	165 25	...	...
Dacca	045 04	045 04	045 03	280 10	360 20	280 10	270 20	270 23	270 3/	..	—
Dalbandin	...	—	085 04	220 06	240 06	275 06	245 29	250 50	255 61	—	—
D. I. Khan	245 03	240 50	235 04	220 04	175 04	120 06	200 09	200 15	205 17	...	...
Drosh	—	—	—		...			...	...	...	—
Fort Sandeman	...	...	—	240 01	220 04	110 08	210 12	215 02	215 35	..	...
Gilgit	...	...	-	...	...	...	...	...	...	...	...
Ishurdi										...	..
Jacobabad	085 13	075 12	070 10	/70 05	005 02	345 07	265 34	235 44	235 48	...	...
Jessore										...	...
Jhelum	350 02	315 04	190 04	105 05	175 06	155 09	195 17	210 23	220 27	...	...
Jiwani	045 08	035 08	030 06	260 06	225 07	230 11	230 35	240 29	245 31	...	...
Karachi	040 20	055 17	075 14	115 10	180 10	240 19	230 37	235 35	235 27		...
Khanpur	085 13	075 15	080 16	075 15	085 14	050 11	340 05	250 08	275 41	...	..
Khuzdar	...	.	...	030 01	350 07	230 21	240 44	245 42	245 38	...	...
Lahore	...									...	...
Multan	205 05	200 08	220 10	220 10	255 09	270 04	200 21	235 32	220 38	—	...
Nawab Shah	040 16	035 17	020 14	335 10	230 17	240 34	245 37	245 38	235 35	...	...
Nokkundi	...	..	095 06	200 03	155 07	230 08	255 26	260 34	250 44	...	...
Panjgur	...									...	—
Peshawar	...	020 02	015 04	235 02	080 03	145 09	180 13	215 18	215 21	..	...
Parachinar	...	...	...	..					...	..	...
Quetta				...	160 02	245 10	255 35	250 61	...	—	...
Sargodha	300 02	280 04	265 03	195 01	155 06	200 05	220 17	230 21	245 35	...	—
Skardu				090 03	// //	190 10	290 04	225 25	210 18	...	...
Sylhet	080 15	140 11	165 13	175 20	155 15	105 12	290 26	270 41	270 45	—	...
Veraval	...	...	...	...	...	.	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	080 06	140 05	140 06	080 04	165 15	180 21	245 41	265 43	250 37	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ..																		
Sargodha ...																		

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

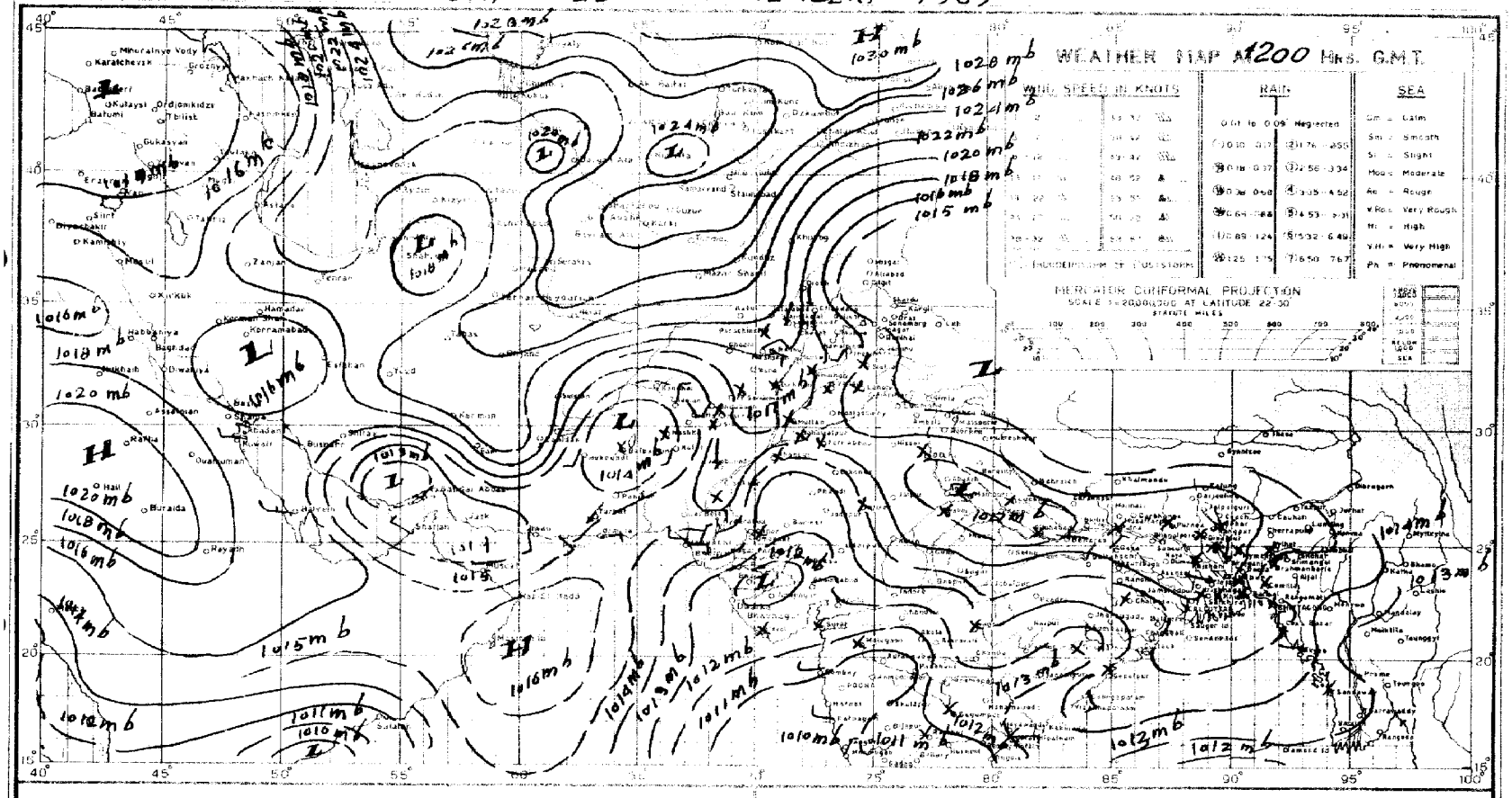
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

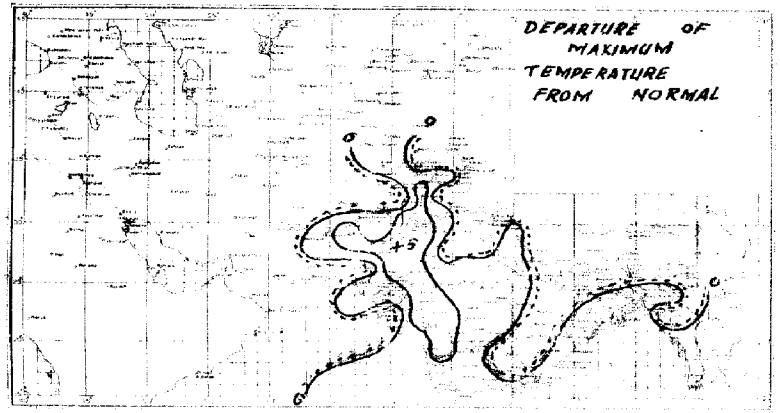
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

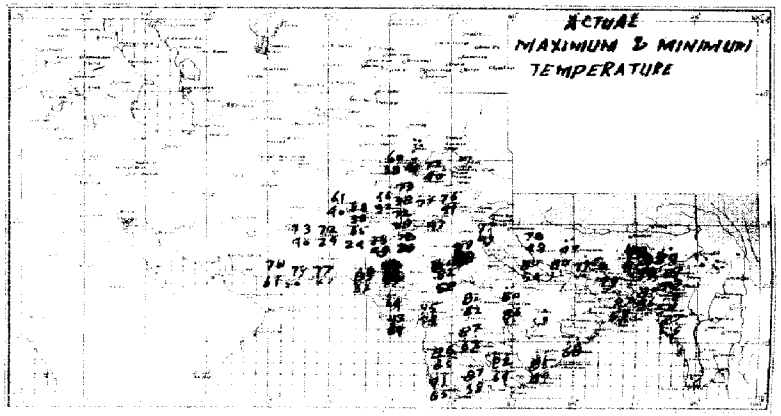
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre | Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 28th NOVEMBER, 1969



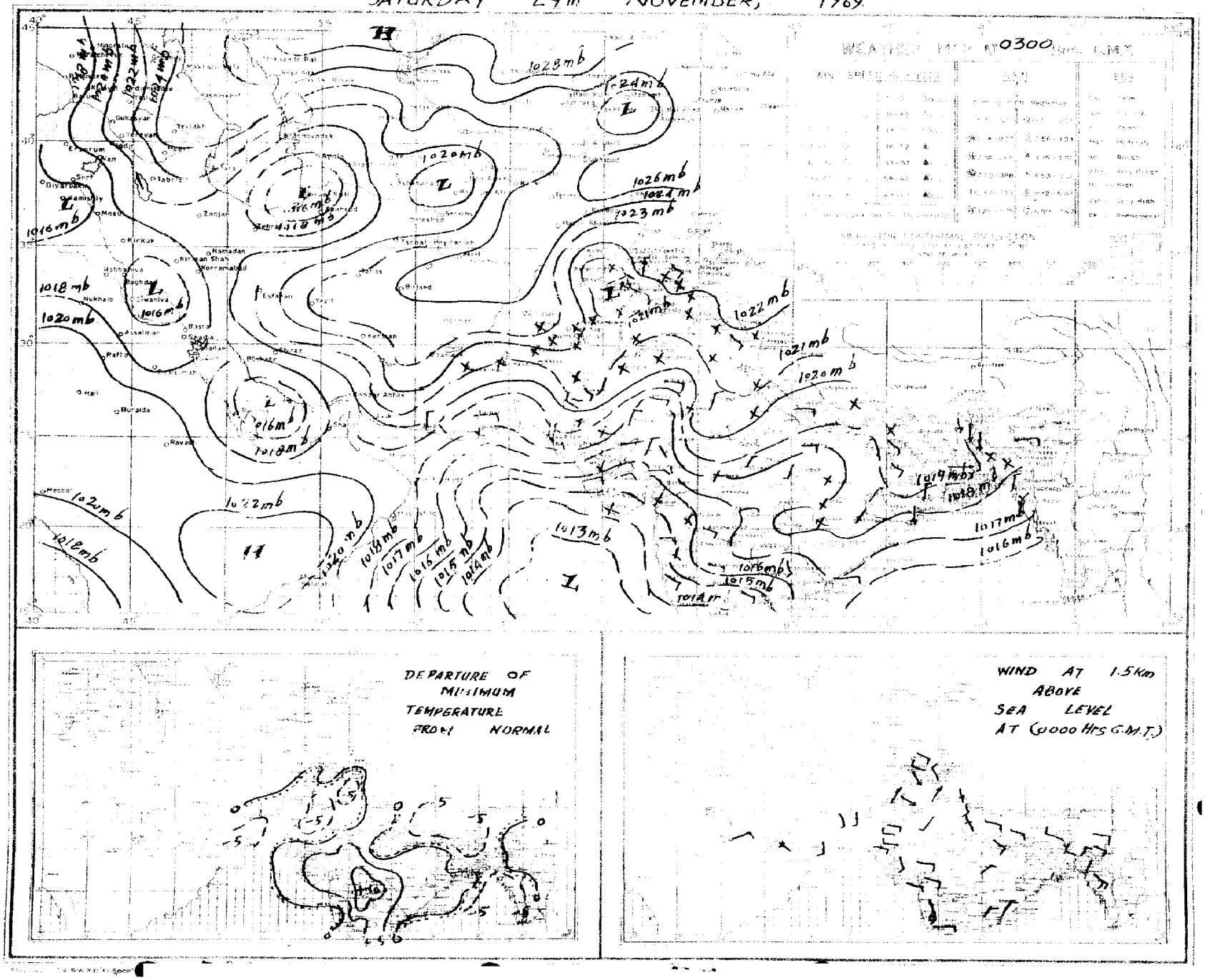




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th NOVEMBER, 1969



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 30th NOVEMBER 1969.

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

Yesterday's trough of low over eastern sector North Arabian Sea persists. The trough of low over Rajasthan has shifted eastwards. A feeble western disturbance is moving across D. I. Khan division and adjoining areas. Weather remained dry over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in Rajshahi and Hyderabad divisions and to the same extent below normal in Dacca, Khulna, Sargodha, Multan, Bahawalpur, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 1st December 1969 :—A few thundersorm/light showers may occur in Hyderabad, Khairpur, D. I. Khan and Sargodha divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 30th November, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	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 *# (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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *# (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	*0	41	42
Chittagong	Rangamati	000	0	3	27	02	85	01	0	156	75	2	3	6	7	0	59	82	000	4	3	26	02	98	01	4	182	70	2	4	6	0	0	67	67	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	2	31	04	//	02	0	153	75	0	0	9	3	0	59	82	000	0	1	05	06	96	02	0	167	73	1	5	6	0	0	65	//	— 1	/	0.7	— 2.5	92.0	140
	Chittagong	000	0	4	00	00	//	02	2	152	75	4	4	4	9	0	60	85	000	0	2	05	02	96	02	4	171	70	0	0	9	3	0	//	60	+ 4	— 2	1.2	— 1.0	105.7	108
	Hazidee Court	000	9	0	00	00	//	//	/	142	72	0	0	9	0	0	//	79	000	0	0	00	00	97	00	0	148	65	0	0	9	0	0	58	58	— 2	— 4	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	147	75	0	0	9	0	0	58	80	000	0	0	00	00	96	02	0	169	67	0	0	9	0	0	60	63	— 2	+ 3	0.5	— 0.8	64.2	94
	Brahmanbaria	000	0	0	00	00	//	00	0	155	69	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	170	70	0	0	9	0	0	60	60	—	—	—	—	—	78
	Sylhet	000	0	2	05	02	//	02	0	150	69	2	1	6	0	0	60	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Srimangal	000	0	0	00	00	//	//	/	152	66	0	0	9	0	0	62	82	000	0	3	00	00	96	00	0	179	68	0	0	9	7	2	63	47	— 3	— 6	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	000	0	0	00	00	//	//	/	142	72	0	0	9	0	0	58	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	0	00	00	//	//	/	154	73	0	0	9	0	0	60	85	000	0	0	00	00	97	00	0	167	72	0	0	9	0	0	//	60	+ 1	— 2	1.3	+ 0.4	82.1	91
	Dacca (Tejgaon)	000	0	1	00	00	96	02	0	151	72	0	0	9	0	0	59	80	000	6	1	00	00	96	05	4	167	72	0	0	9	1	1	//	58	—	—	1.3	—	66.0	74
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	176	67	0	0	9	8	0	//	56		— 3	1.6	+ 0.5	56.5	71
Khulna	Barisal	000	0	0	00	00	//	02	0	154	72	0	0	9	0	0	62	80	000	0	0	00	00	97	02	0	165	70	0	0	9	0	0	//	56	— 1	— 5	—	—	—	81
	Khulna	000	0	0	00	00	97	00	0	154	80	0	0	9	0	0	58	87	000	0	0	00	00	97	00	0	167	75	0	0	9	0	0	56	59	+ 6	—	0.2	— 1.0	61.7	68
	Satkhira	000	0	0	00	00	97	00	0	154	69	0	0	9	0	0	59	82	000	0	0	00	00	97	00	0	173	72	0	0	9	0	0	//	58	— 1	+ 1	—	—	—	65
	Jessore	000	0	0	00	00	97	02	0	151	69	0	0	9	0	0	56	80	000	3	0	00	00	95	10	4	166	68	0	0	9	0	0	//	52	—	—	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	0	36	01	//	00	0	155	75	0	0	9	0	0	62	80	000	0	0	36	01	98	00	0	169	70	0	0	9	0	0	63	70	—	—	0.4	— 0.3	56.6	59
	Rajshahi	000	0	0	00	00	94	02	0	158	72	0	0	9	0	0	60	80	000	0	0	00	00	96	02	0	175	70	0	0	9	0	0	//	59	—	—	—	—	—	64
	Bogra	000	0	0	00	00	//	02	0	155	72	0	0	9	0	0	60	80	000	0	2	05	02	96	05	4	170	70	0	0	9	0	1	58	58	0	— 1	1.1	+ 0.3	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	152	73	0	0	9	0	0	52	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	—	—	—	72
	Rangpur	000	0	0	00	00	96	01	0	152	64	0	0	9	0	0	56	79	000	0	0	05	02	96	00	0	179	//	0	0	9	0	0	//	56	— 1	+ 6	—	—	—	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	176	69	1	0	9	3	0	45	75	000	0	0	00	00	95	05	0	204	48	0	0	9	0	0	38	41	— 3	— 2	0.0	— 0.1	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					32
Rawalpindi	Jhelum	000	3	5	00	00	56	03	1	169	72	2	0	9	0	1	41	75	000	0	0	00	00	94	10	0	207	43	0	0	9	0	0	40	40	—	—	0.0	—	31.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	8	00	00	59	00	0	175	75	0	0	9	0	0	46	82	000	0	0	00	00	97	00	0	219	40	0	0	9	0	0	29	40	+ 10	— 1	0.2	— 0.1	33.6	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	0	00	00	58	00	0	174	72	0	0	9	0	0	54	79	000	0	0	00	00	96	00	0	190	40	0	0	9	0	0	39	40	+ 1	—	—	—	—	—
	Sargodha	000	0	3	00	00	97	02	1	175	66	0	0	9	0	1	45	77	000	0	0	00	00	94	04	0	207	40	0	0	9	0	0	38	38	—	— 5	0.1	—	20.7	15
	Lyallpur	000	0	0	00	00	96	00	0	173	72	0	0	9	0	0	52	75	000	3	0	00	00	95	42	4	209	42	0	0	9	0	0	38	40	— 3	—	—	—	—	12
Multan	Sahiwal	000	0	1	00	00	97	02	0	176	69	1	0	9	3	1	43	77	000	2	2	00	00	94	11	4	213	41	0	0	9	0	0	//	//	— 1	— 10	0.0	— 0.1	11.3	10
	Multan	000	0	0	36	02	99	00	0	214	//	0	0	9	0	0	//	//	000	0	0	36	02	92	00	0	212	45	0	0	9	0	0	38	40	/	—	0.0	—	2.8	7
Bahawalpur	Khanpur	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	96	00	0	175	75	0	0	9	0	0	45	82	000	0	0	02	02	98	00	0	204	47	0	0	9	0	0	38	43	+ 4	— 5	0.0	— 0.0	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	98	00	0	202	56	0	0	9	0	0	45	52	—	—	—	—	—	8
Peshawar	Chakdra	000	0	0	36	02	98	02	0	159	62	0	0	9	0	0	46	64	000	0	0	05	05	97	02	0	224	38	0	0	9	0	0	//	38	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	00	00	94	04	0	177	62	0	0	9	0	0	45	68	000	0	0	18	02	96	04	0	216	45	0	0	9	0	0	34	41	— 3	— 4	0.5	+ 0.2	14.8	11
	Hariपur	000	0	0	13	03	98	00	0	162	66	0	0	9	0	0	33	68	000	0	0	36	02	98	00	0	227	51	0	0	9	0	0	36	40	—	—	0.9	—	23.9	—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	170	69	0	0	9	0	0	32	72	000	0	0	27	01	99	00	0	210	43	0	0	9	0	0	34	41	—	—	0.5	—	3.0	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	213	45	0	0	9	0	0	41	41	—	— 3	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	2	23	33	97	03	1	174	78	0	2	9	0	1	//	81	000	0	0	00	00	97	02	0	202	43	0	0	9	0	0	38	40	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	05	03	97	02	0	151	71	0	0	9	0	0	40	74	000	0	0	00	00	96	02	0	207	48	0	0	9	0	0	//	41	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	23	02	96	00	0	018	//	0	0	9	0	0	45	//	000	0	0	09	02	96	00	0	058	58	0	0	9	0	0	//	//		/	0.0	—	0.2	—
	Jiwani	000	0	0	13	09	96	01	0	158	75	0	0	9	0	0	62	77	000	0	1	36	03	96	03	0	170	67	1	1	6	0	0	60	63	—	—	0.0	—	2.0	—
	Pasni	000	0	0	11	08	97	02	0	172	77	/	/	9	0	0	74	78	000	0	4	29	06	97	02	0	187	61	0	0	9	0	0	36	//	— 3	/	0.0	— 0.1	0.2	5
Karachi division	Ormara	000	0	2	09	03	96	04	4	163	79		0	7	3	0	55	81	000	0	2	00	00	96	03	3	175	62	2	0	7	3	0	57	//	—	/	0.0	0.0	0.6	6
	Lasbela	///	0	3	00	00	98	00	0	155	89	0	0	9	0	0	58	91	///	0	5	00	00	98	00	0	173	57	0	0	0	0	0	46	47	—	—	—	—	—	8
	Karachi (Manora)	000	0	7	09	05	97	03	2	162	77	4	6	4	2	/	51	83	000	0	7	07	03	96	03	2	173	70	3	7	4	2	/	45	69	+ 2	—	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	7	09	10	96	02	2	166	80	7	0	9	2	0	49	83	000	0	7	09	03	96	02	2	176	70	7	0	9	2	0	47	66	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	046	84	0	6	6	6	0	84	92	000	0	0	05	02	97	02	0	083	70	/	/	/	/	/	//	70	—	/	—	—	—	—
	Chhor	000	0	7	31	03	96	03	1	157	82	5	5	5	2	0	30	88	000	0	8	36	05	96	03	2	170	65	5	4	4	2	0	28	59	—	—	0.0	—	0.2	7
	Hyderabad	000	0	/	31	03	97	03	2	172	75	6	0	9	3	1	38	78	000	0	8	31	03	97	02	2	125	45	8	0	9	3	0	36	61	— 2	+ 6	0.0	— 0.1	0.3	9
	Badin	000	0	9	18	06	97	03	0	156	73	/	0	9	0	0	49	80	000	0	8	36	03	97	08	0	171	63	0	0	9	0	0	43	61	— 5	+ 6	0.0	— 0.2	0.3	—
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	36	03	96	03	1	194	48	0	0	9	0	0	36	45		—	0.0	—	0.8	—
	Nawabshah	000	0	7	31	09	96	02	0	174	78	0	0	9	0	0	43	81	000	0	4	00	00	96	03	2	195	54	6	0	9	5	0	43	50	—	—	0.0	—	1.1	4
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	13	03	95	05	4	199	50	4	0	9	6	0	40	//		—	0.0	—	0.1	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	05	02	97	02	0	174	76	0	0	9	0	0	33	80	000	0	2	00	00	96	03	0	190	52	2	0	9	3	0	31	49	+ 1	— 1	0.1	+ 0.0	2.8	4
Sargodha	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	HILL STATIONS																																								
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	Gulmarg **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Sonamarg **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
	Dras **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
	Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Miagar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Aliabad *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Rawalpindi	Murree *	000	0	0	05	02	98	00	0	522	47	0	0	9	0	0	33	56	000	0	0	09	07	98	00	0	534	40	0	0	9	0	0	//	36	+ 3	— 2	1.0	+ 0.2	41.0	39
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
	Chitral *	000	0	0	00	00	98	00	0	580	38	0	0	9	0	0	38	44	000	0	0	00	00	98	00	0	535	45	0	0	9	0	0	36	41	+ 3	+ 1	0.6	+ 0.2	15.0	19
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	539	48	0	0	9	0	0	34	45	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	31	05	98	02	0	632	60	0	0	9	0	0	//	64	000	0	0	36	02	98	02	0	///	36	0	0	9	0	0	29	32	—	—	—	—	—	19
	Peshinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	549	40	0	0	9	0	0	00	34		+ 4	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	538	66	0	0	9	0	0	52	68	000	0	0	05	05	99	00	0	550	48	0	0	9	0	0	34	42	—	—	0.0	— 0.0	2.0	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	512	64	0	0	9	0	0	//	66	000	0	0	09	02	98	02	0	530	39	0	0	9	0	0	//	33	—	— 2	0.0	— 0.2	6.5	—
	Hindubagh *	000	0	0	23	03	97	02	0	536	56	0	0	9	0	0	//	58	000	0	0	23	03	97	02	0	583	40	0	0	9	0	0	25	30	—	—	0.0	—	0.2	9
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	86	000	0	0	27	02	98	00	0	360	55	0	0	9	0	0	45	45	—	/	0.1	—	0.6	—
	Barkhan *	000	0	0	23	02	97	02	0	490	12	0	0	9	0	0	//	70	000	0	0	31	05	97	02	0	509	43	0	0	9	0	0	//	40	—	—	0.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	468	65	0	0	9	0	0	//	71	000	0	0	00	00	96	02	0	484	44	0	0	9	0	0	//	//	/	—	0.0	— 0.2	5.6	9
	Sumungli (Quetta) *	000	0	0	00	00	96	02	0	537	55	0	0	9	0	0	//	59	000	0	0	00	00	96	02	0	553	39	0	0	9	0	0	//	36	—	—	0.0	—	—	8
	Chaman *	000	0	0	27	03	97	00	0	516	62	0	0	9	0	0	27	64	000	0	0	09	03	97	00	0	506	44	0	0	9	0	0	//	42	+ 1	+ 2	0.0	— 0.2	4.8	—
	Nushki *	000	0	0	27	02	97	02	0	572	64	0	0	9	0	0	33	66	000	0	0	07	07	97	02	8	569	54	0	0	9	0	0	//	//	—	/	0.0	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	541	71	0	0	9	0	0	//	75	000	0	0	00	00	98	03	0	515	39	0	0	9	0	1	//	31	+ 15	— 2	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	00	2	506	54	0	0	9	0	0	27	58	000	0	0	16	03	96	02	0	538	29	0	0	9	0	0	//		— 1	— 2	—	— 0.2	2.2	—
	Khuzdar *	000	0	0	13	02	97	02	0	518	65	0	0	9	0	0	//	69	000	0	0	05	02	96	03	0	525	46	0	0	9	0	0	//	41	—	—	—	—	—	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	96	02	0	519	44	0	0	9	0	0	29	41		+ 1	—	—	—	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day. When over 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 30th NOVEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Sailor	99 1 90	10 6 58	29 0 03	...	58 0 22	13 0 26	00 9 00	...	73 6 05	-	0/ / 23	12 7 83	30 2 08	...
Dwarka	99 2 21	10 6 89	29 0 63	60 6 //	58 0 22	25 5 26	67 5 2/	...	73 1 12	...	00 4 19	...	30 1 01	...
Andara	99 1 41	10 6 09	29 0 6/	10 4 06	58 0 20	18 5 27	14 5 //	...	73 1 20	...	03 4 23	12 5 42	30 2 02	03 7 02
British Confidence	99 2 24	10 5 09	29 1 23	30 8 07	58 0 20	15 4 24	31 5 00	44 5 10	—	...	00 1 17	12 3 95	30 3 01	...
British Confidence	99 2 50	10 5 78	29 0 03	80 9 14	51 8 21	15 7 23	...	—	...	07 4 //	00 2 18	12 2 88	30 3 0!	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	013 122 05	...	515 195 11	117 070 57	583 057 49	754 175 49	964 335 57	236 547 //	...	...	...	...	...
Dacca	00 00	014 150 16	...	4.5 175 50	081 042 50	576 097 56	745 217 49	951 371 56	219 583 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	013 220 50	...	..	061 015 //	568 121 //	735 235 //	940 45/ //		...	...	...	..	...
Multan	00 00	004 050 48	...	500 094 67	106 011 //	741 181 //	553 241 //	239 395 //	239 395 //	...	...	...	...	..
Peshawar	00 00	978 054 28	...	500 080 35	// /// //	/// /// //	/// /// //	935 407 //	203 519 //	...	...	...	...	...
Quetta	00 00	823 032 92	...	..	086 003 30	565 245 //	725 280 //	929 50/ //	...	...	...	...	...	...
Sargodha	00 00	996 114 56	...	550 080 59	083 025 58	566 185 //	730 265 //	933 375 //	210 495 //	...	..	...	...	..

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 140 35	800 085 08	600 022 56	...	...	...	...	...	...	...	-	...
Dacca	00 00	900 1.8 33	800 052 56	600 000 50	...	...	...	...	...	..	.	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	-	...	...	...	...	-	...	...
Multan	00 00	...	...	-	...	...	...	...	..	...	-	...	...
Peshawar	00 00	...	..	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	830 021 28	600 125 //	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal	030 03	355 05	320 05	010 06	005 12	330 09	..	..	...
Bogra	055 01	055 04	060 07	066 15	080 11	310 09	...	...	...
Chaklala	...	225 03	140 02	110 08	130 08	145 1/	190 18	220 10	245 29
Chhor	355 07	355 08	010 08	195 04	215 97	.	...	...	...
Chittagong	205 08	200 08	101 //	155 18	150 17	245 19	...	...	.
Cherat	...	...	...	...	...	...	..	...	...
Cox's Bazar	305 06	305 07	285 07	235 06	205 09	190 10	...	...	..
Dacca	045 04	050 04	030 03	010 03	345 07				
Dalbandin	...	...	210 01	000 02	285 01	310 07	260 27	265 38	270 46
D. I. Khan	175 04	155 03	130 03	050 02	285 01	/25 05	205 15	220 21	230 04
Drosh	...	...	...			..		...	...
Fort Sandeman	..	..	...	120 01	225 01	220 05	230 1:	235 16	245 18
Gilgit	...	...	...	...	...	...	..	...	...
Ishurdi	...	...	...		...		...	...	
Jacobabad	035 02	070 02	090 02	290 03	255 09	260 24	250 43	250 47	240 55
Jessore	360 08	360 06	360 06	020 06	050 08	360 08	...	...	...
Jhelum	220 03	190 04	145 04	100 26	125 01	150 13	190 18	200 21	...
Jiwani	125 06	080 07	080 06	305 04	275 07	245 18	245 29	260 25	265 32
Karachi	090 11	070 11	095 05	180 10	220 09	...	...		
Khanpur	055 05	040 07	040 08	015 10	350 09	270 21	250 25	245 29	255 35
Khuzdar	...	...		160 04	245 08	260 20	265 28	...	...
Lahore	285 05	280 06	285 05	325 03	040 03	155 04	190 1/	210 09	225 11
Multan	100 02	045 01	/// //	285 03	250 23	245 17	/// //	250 47	250 64
Nawab Shah	460 05	020 05	325 05	235 09	255 19	255 31	244 38	250 41	245 53
Nokkundi	...	...	085 01	355 04	315 05	340 02	275 19	270 14	275 12
Panjgur	--	...	...	095 01	060 01	280 04	250 11	255 25	225 25
Peshawar	...	030 03	120 03	135 03	090 04	155 06	170 11	200 21	205 24
Parachinar	...	...	...	125 01	140 06	190 19	185 10		205 21
Quetta	...	...			255 08	240 09	260 27	255 45	...
Sargodha	200 01	260 02	310 02	315 02	415 0/	210 11	225 19	245 28	250 41
Skardu	...	...		...	...	...		...	...
Sylhet	140 03	155 03	165 05	915 12	210 15	160 12	..	--	...
Veraval	...	...		...	...			...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	25 03	335 03	025 02	230 03	245 05	280 18
Bogra	095 09	095 07	108 08	050 06	010 08	285 19
Chaklala	...	070 05	115 0/	//0 08	120 02	095 04
Chhor	350 90	035 05	075 05	040 06	865 07	...
Chittagong	.	...	...	...	...	...
Cherat	...	...				
Cox's Bazar	040 02	040 03	/40 01	190 06	175 11	225 09
Dacca	140 04	145 03	140 01		270 10	...
Dalbandin	.	...	080 01	075 08	135 07	200 05
D. I. Khan	055 05	077 05	080 50	175 03	180 04	210 13
Drosh	...	.	...	250 01	140 01	335 01
Fort Sandeman	..	...	...	220 03	235 04	305 14
Gilgit	.	.	..	285 04	290 03	265 03
Ishurdi	...	...				...
Jacobabad	340 09	305 04	240 04	270 04	265 06	260 02
Jessore	360 07	345 02	/33 03	320 09	330 11	2/0 18
Jhelum	335 04	005 04	120 02	063 03	085 04	100 05
Jiwani	050 07	070 06	090 06	105 07	100 08	140 02
Karachi	...	...		...		
Khanpur	190 12	180 12	190 12	220 14	250 13	260 08
Khuzdar	...	...		170 03	180 07	240 12
Lahore	345 07	345 07	/55 05	360 01	/40 04	300 02
Multan	125 10	100 02	265 02	275 05	/00 07	251 0/
Nawab Shah	040 15	040 12	015 07	325 03	010 05	..
Nokkundi	...	...	170 05	145 06	130 08	100 11
Panjgur	...			035 09	005 12	350 18
Peshawar	...	350 05	/55 04	335 04	300 16	310 12
Parachinar	...	..	...	265 03	065 03	...
Quetta	...	...	...	...	...	...
Sargodha	185 05	220 06	/// //	230 08	200 7/	240 09
Skardu	...	...	...	...	...	...
Sylhet	090 17	085 08	125 07	175 12	195 15	180 06
Veraval	..		...	...	...	..

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	/// //	/// //	/// //	295 05	/// //	280 15	/// //	270 21	/// //	265 27	265 34
Bogra	070 02	085 25	085 07	045 10	140 04	340 20	300 28	295 33	295 47	...	...
Chaklala	...	215 02	200 2/	090 15	270 09	161 21	152 0/	200 25	260 39	...	...
Chhor	060 18	045 15	055 12	075 08	075 08	155 12	...	...	...	...	...
Chittagong	250 04	220 22	215 02	185 10	200 13	240 17	260 21	265 3/	260 33	...	...
Cherat	...	...		...	...	...	...	...	...	...	...
Cox's Bazar	355 07	020 04	230 02				...	...	...	..	...
Dacca	255 02	175 15	270 17	215 01	275 18	305 05	270 39	...	250 42	.	...
Dalbandin	...	...	080 10	085 07	010 03	075 03	280 21	275 24	255 26	-	...
D. I. Khan	265 03	305 02	350 01	290 08	260 03	295 07	285 12	/27 01	265 19	.	.
Drosh	080 01	200 01	195 23	270 01	/// //	215 03	/// //	190 01	145 04	150 18	245 12
Fort Sandeman	...	...	..	270 02	235 06	280 09	325 18	325 17	290 15	--	--
Gilgit		...		175 01	110 03	140 03	135 08	150 04	155 05	...	...
Ishurdi	025 04	010 07	355 70	005 09	010 08	350 08	-	...	...	...	.
Jacobabad	360 04	350 05	355 09	350 04	345 06	340 02	230 19	245 25	245 27	...	...
Jessore	300 04	300 08	310 09	325 12	325 08	355 14	.	...	...	...	...
Jhelum	325 02	330 07	055 06	055 03	055 06	290 09	245 07	260 21	260 29	...	...
Jiwani	045 07	050 09	055 10	095 08	090 03	205 10	275 16	275 12	270 24	...	...
Karachi	065 08	080 14	095 11	...	180 14	...	...	...	...		...
Khanpur	110 21	130 12	345 06	345 08	190 05	095 07	...	..	...	..	..
Khuzdar	...		...	360 09	360 03	240 13	285 23	285 21	28. 23	270 36	265 39
Lahore	325 04	320 06	320 07	320 08	325 14	315 19	290 14	265 26	270 26	..	...
Multan	135 03	075 04	065 04	265 07	110 06	295 08	290 09	260 14	260 37	-	...
Nawab Shah	055 08	055 07	035 06	075 06	100 06	...	...	...	...	...	...
Nokkundi	...	..	085 07	140 08	195 17	105 06	265 18	275 19	290 22	...	...
Panjgur	...		...	070 03	160 06	105 03	205 11	210 13	260 10	...	...
Peshawar	...	35/ 02	355 03	355 04	330 04	280 05	255 20	260 39	265 41	..	..
Parachinar	...	...	...	..		..	...		...	..	...
Quetta	...	...	..	...	320 04	265 06	255 24	260 29	260 34	-	...
Sargodha	200 01	350 03	155 03	/55 16	330 08	100 07	270 23	270 29	255 37	...	...
Skardu			...						...	...	...
Sylhet	080 06	135 05	170 07	175 11	185 13	275 09	275 40	273 53	290 35	..	...
Veraval	...	...	...	...	...		--	...	...	...	..

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	040 10	050 12	070 12	095 08	180 10	210 15	225 21	255 24	265 26	...	...	...	...	...	...	...	...	...
Multan																		
Peshawar																		
Quetta																		
Sargodha																		

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

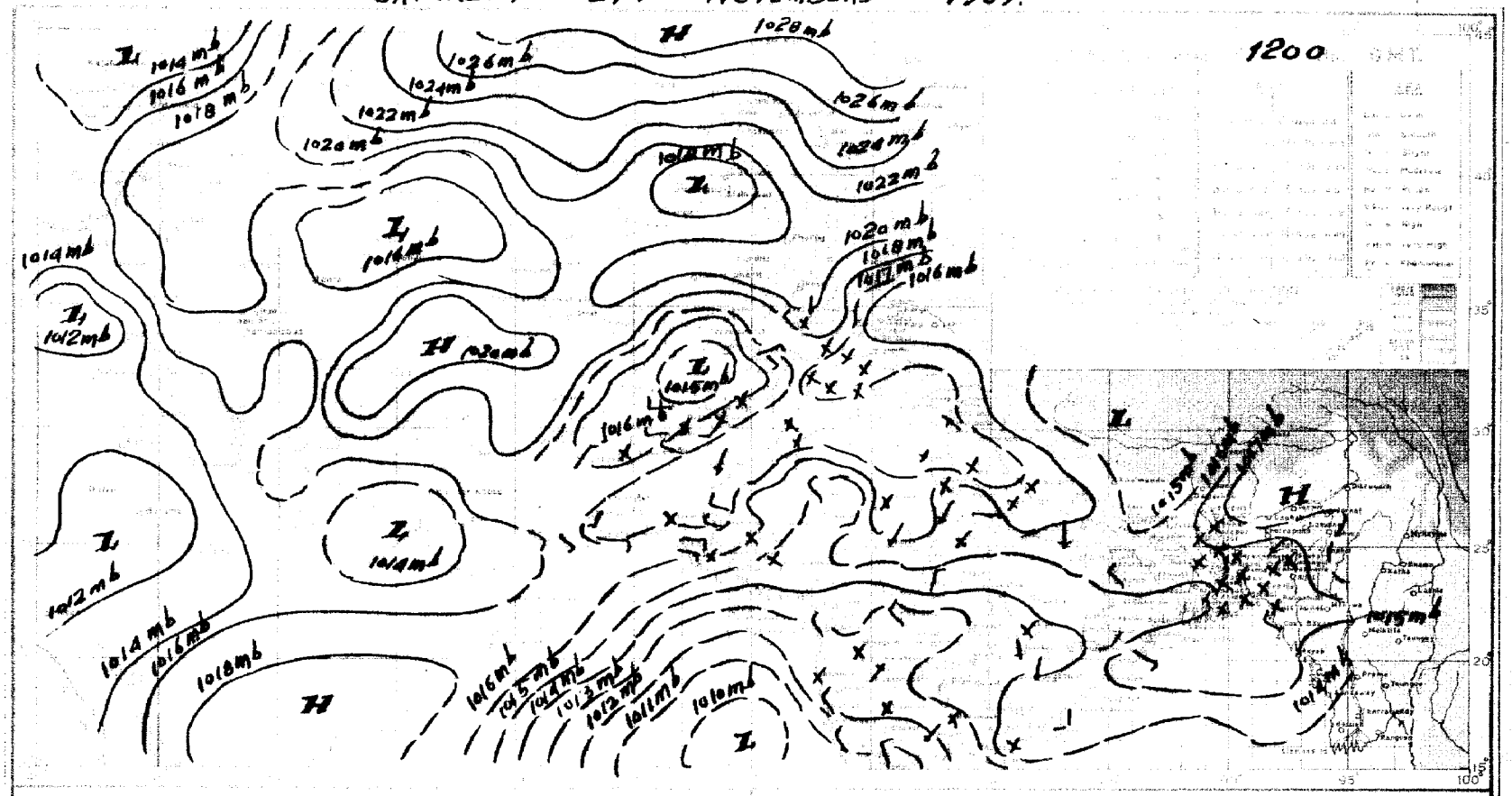
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

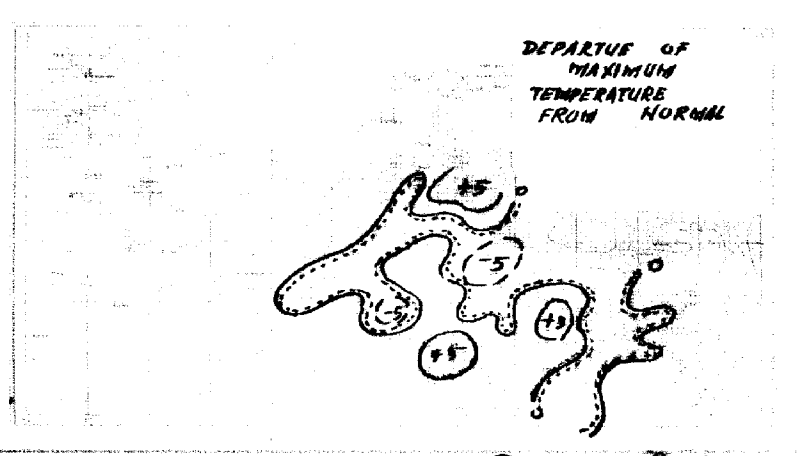
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

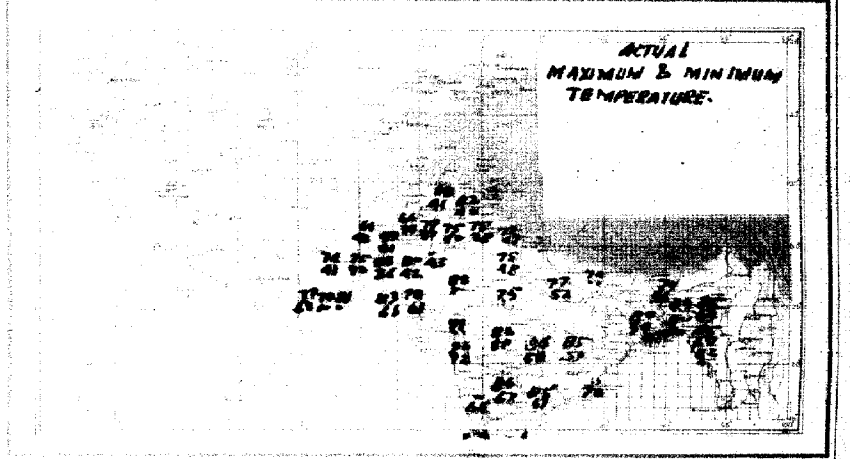
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th NOVEMBER 1969.



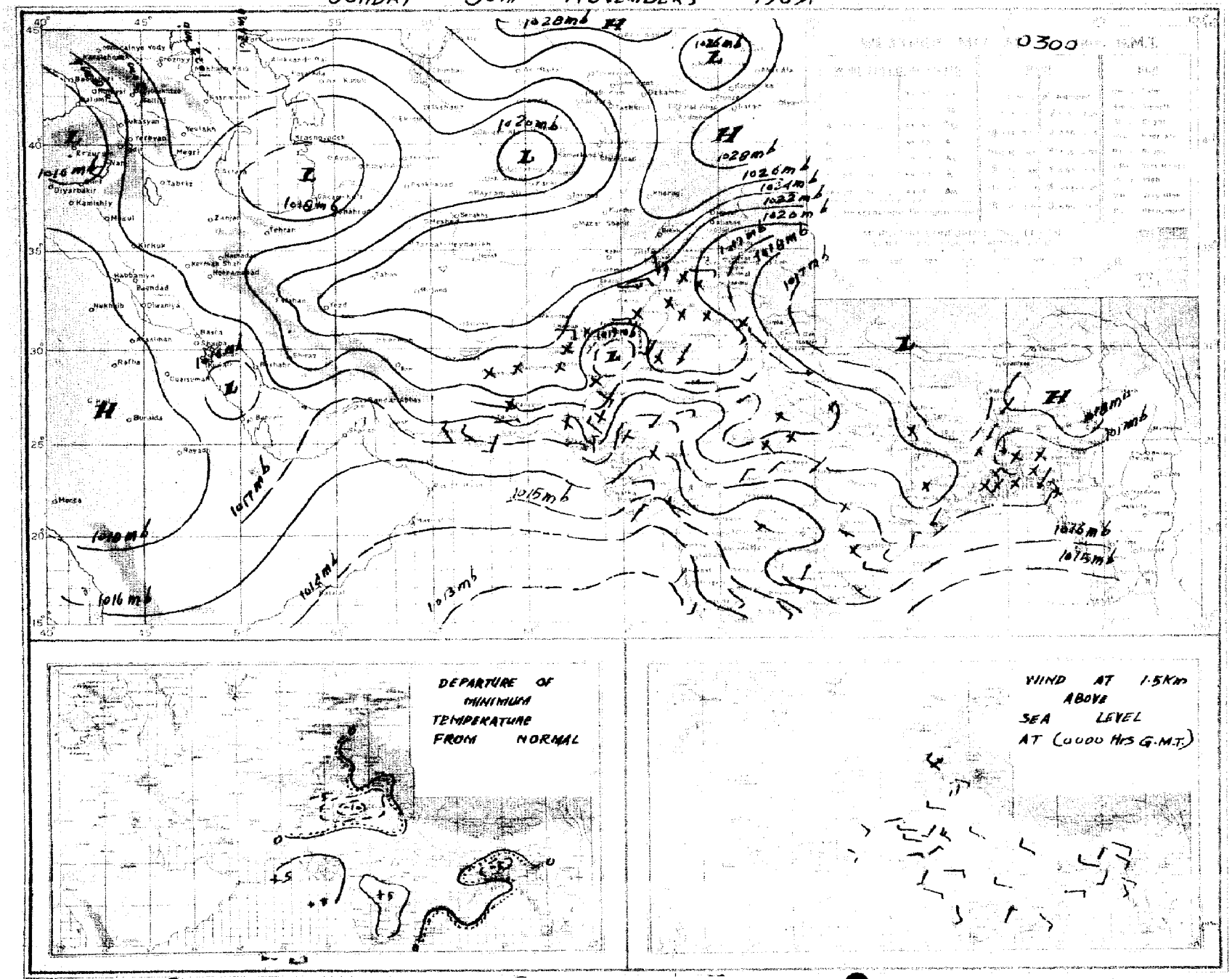




PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SUNDAY 30th NOVEMBER, 1969.



ATMOSPHERIC SCIENCES LIBRARY
JUN 23 1970
E. S. S. A.
U. S. Dept. of Commerce

Price 1—2 Rs. 3/-
Price 1—2 Rs. 3/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 1st DECEMBER 1969.

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

The trough of low over North Arabian Sea has become unimportant. Dry continental air prevails over west Pakistan. A fresh western disturbance lies over north central Iran. Weather remained dry over the country.

Night temperatures were 3—7 °F (2—4 °C) below normal in Sargodha, Multan, Bahawalpur, Peshawar and Khairpur divisions.

Forecast valid until the evening of 2nd December 1969 :—Dry weather is likely to prevail over the country.

Karachi-11
The 1st December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (Vv)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Maximum temperature *† (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	2	31	02	95	01	0	132	78	2	3	6	0	0	63	82	000	0	3	00	00	98	02	0	176	73	1	1	7	0	4	//	62	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	0	33	06	//	02	0	127	76	0	0	0	0	0	63	82																		—					
	Chittagong	000	0	1	00	00	//	02	0	129	73	1	2	5	0	0	60	82	000	5	5	00	00	96	03	4	164	73	1	4	5	0	1	//	60	—					40
	Maijdee Court	000	9	0	00	00	95	00	0	127	72	0	0	9	0	0	60	82																		+		0	1.2	— 1.0	105.7	108
	Comilla	000	0	0	00	00	96	02	0	128	79	0	0	9	0	0	63	80																		+						115
	Srahmanberia	000	0	0	00	00	//	00	0	122	73	0	0	9	0	0	63	80																		— 2						94
	Sylhet	000	0	2	00	00	3	02	0	117	72	2	3	5	8	0	60	80	000	0	2	05	05	97	00	0	171	69	1	5	6	3	0	59	59	—						78
	Srimangal	000	0	0	00	00	//	00	0	130	67	0	0	9	0	0	64	80																		—	—	1.5	—	149.7	—
Dacca	Mymensingh																																			— 5					98
	Narayanganj	000	0	0	00	00	//	00	0	134	73	0	0	5	0	0	60	82	000	0	0	00	00	97	00	0	176	74	0	0	9	0	0	60	60	—	+ 1	0.3	— 0.6	77.6	91
	Dacca (Tejgaon)	000	0	1	00	00	//	01	0	132	73	1	0	9	4	0	59	80	000	6	1	00	00	95	10	4	165	69	0	0	9	0	1	62	62	+ 1	— 2	1.3	+ 0.4	82.1	74
	Faridpur	000	0	0	00	00	96	00	0	167	70	0	0	9	0	0	56	80	000	0	0	02	00	97	00	0	—	64	0	0	9	0	0	//	59	—	—	1.3	—	66.0	—
Khulna	Barisal																		000	0	0	00	00	97	00	0	143	70	0	0	9	0	0	49	62		0	1.6	+ 0.5	58.5	71
	Khulnt	000	0	0	00	00	97	00	0	129	80	0	0	9	0	0		57	000	0	0	00	00	97	00	0	143	78	0	0	9	0	0	49	63		+ 4	0.2	— 1.0	6.17	81
	Satkhira	000	0	0	00	00	95	00	0	127	72	0	0	9	0	0	60	82	000	0	1	00	00	97	00	0	171	73	0	0	9	0	0	49	59	+ 6	+ 5	0.2	— 0.4	61.7	68
	Jessore	000	0	0	00	00	97	01	0	124	72	0	0	9	0	0	60	78	000	0	0	00	00	96	05	0	168	69	0	0	9	0	0	//	56	— 1	+ 3	0.2	— 1.6	61.7	65
Rajshahi	Pabna	000	0	0	00	00	//	02	0	127	72	/	/	/	/	/	/	80	000	0	0	00	00	97	02	0	161	69	0	0	9	0	0	62	59		—	1.1	+ 0.1	62.5	65
	Sirajganj	000	0	0	00	00	//	00	0	132	76	0	0	9	0	0	63	82	000	0	0	36	10	98	00	0	166	69	0	0	9	0	0	//	60		/	1.0	—	66.3	59
	Rajshahi	000	0	0	00	00	94	02	0	131	72	0	0	9	0	0	60	78	000	0	1	36	02	97	02	0	174	69	0	0	9	2	0	60	60	—	+ 3	0.4	— 0.3	56.5	64
	Bogra																																				+ 4	3.0	+ 2.4	70.3	—
	Dinajpur																																								69
	Rangpur	000	0	0	00	00	96	01	0	124	64	0	0	9	0	0	56	80																							73
Kashmir	Jammu																																			0					84
Lahore	Lahore (Jail Rd.)	000	0	3	31	03	96	03	0	163	68	3	0	9	7	0	40	73	000	0	0	00	00	95	10	0	194	47	0	0	9	0	0	43	43	— 5	+ 1	0.0	— 0.1	18.0	—
	Sialkot	000	0	0	00	00	95	00	0	147	73	0	0	9	0	0	64	78	000	0	0	00	00	92	00	0	169	50	0	0	9	0	0	38	32	+ 3	— 13	0.0	— 0.2	11.5	19
Rawalpindi	Jhelum	000	0	5	23	02	96	03	0	157	70	0	0	9	0	5	40	77	000	0	0	00	00	97	10	0	191	45	0	0	9	0	0	40	41	—	—	0.0	—	31.2	33
	Islamabad																																								—
	Rawalpindi	000	0	7	27	02	99	02	2	168	63	/		/	0	4	40	70	000	0	0	00	00	96	10	0	208	40	0	0	9	0	0	40	40	— 2	+ 1	0.2	+ 0.1	33.6	34
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	//	00	0	175	73	0	0	9	0	0	60	77	000	0	0	00	//	97	00	0	173	40	0	0	9	0	0	35	38	— 1	— 7	0.0	— 0.1	7.8	15
	Sargodha	000	0	4	27	02	97	02	0	167	67	0	0	9	0	2	38	78	000	0	0	27	02	95	04	0	189	40	0	0	9	0	0	33	38	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	96	00	0	164	70	0	0	9	0	0	47	73	000	0	0	00	00	95	00	0	179	43	0	0	9	0	0	38	40	+ 3	— 3	0.0	— 0.1	7.7	12
Multan	Sahiwal																																								—
	Multan	000	0	6	00	00	97	02	2	170	70	2	0	9	3	4	43	78	000	0	0	00	00	94	04	0	200	41	0	0	9	0	0	38	38		0	— 7	0.0	— 0.1	11.3	10
	Lieiah	000	0	0	36	02	94	00	0	183	78	0	0	9	0	0	59	82																							7
Bahawalpur	Khanpur	000	0	5	05	02	96	02		173	76	2	0	9	3	2	29	63	000	0	0	00	00	96	02	0	199	45	0	0	9	0	0	33	38	—	—	0.0			8
	Bahawalpur	000	0	0	00	00	97	00	0	158	76	0	0	9	0	0	43	82	000	0	0	00	00	96	00	0	209	54	0	0	9	0	0	35	42	+ 1	— 8	0.3	+ 0.2	1.4	6
	Fort Abbas	///	/	0	15	02	98	00	0	146	73	0	0	9	0	0	68	73	000	0	0	13	02	98	00	0	203	56	0	0	9	0	0	45	51	+ 4	— 2	0.0	— 0.0	2.0	6
Peshawar	Chakdra	000	0	1	23	02	97	01	0	143	65	0	0	9	0	3	43	77	000	0	0	05	09	97	02	0	///	38	0	0	9	0	0	32	38	—	—	0.0			8
	Peshawar	000	0	3	00	00	96	04	1	170	67	0	0	9	0	4	49	72	000	0	0	18	03	97	02	0	208	43	0	0	9	0	0	38	48	—	—	0.0		22.2	—
	Haripur	000	0	0	23	02	97	00	0	177	63	0	0	9	0	0	34	70	000	0	0	05	03	97	00	0	207	47	0	0	9	0	0	32	43	+ 1	—	0.0	+ 0.5	14.8	11
D. I. Khan	Bannu	000	0	3	13	02	99	01	1	156	67	0	0	9	2	0	41	72	000	0	0	00	00	98	02	1	221	48	0	0	9	0	0	38	41	—	—	1.0	—	24.0	—
	D. I. Khan	000	0	0	00	00	97	02	0	172	68	0	0	9	0	0	43	70	000	0	1	00	00	93	02	0	202	43	0	0	9	0	0	35	40	— 6	— 3	0.5	—	3.0	—
Quetta	Sibi	000	0	2	00	00	97	03	1	159	79	2	0	9	0	2	56	82	000	0	0	00	00	97	02	0	202	42	0	0	9	0	0	36	41	—	—	0.0	— 0.2	6.0	9
	Nokkundi	000	0	0	13	03	96	02	0	136	//	2	0	9	0	0	//	75	000	0	0	05	03	97	02	0	211	48	0	0	9	0	0	//	45	—	—	0.0	—	0.2	3
Kalat	Turbat	000	0	0	23	02	96	00	0	001	64	0	0	9	0	0	35	//	000	0	1	09	02	96	00	0	041	62	0	0	9	0	0	46	//		—	0.0	—	0.3	2
	Jiwani	000	0	0	31	09	96	02	0	149	77	0	0	9	0	0	57	79	000	0	3	36	03	96	02	1	164	67	3	4	6	0	0	57	62	—	—	0.0	—	0.2	—
	Pasni	000	0	0	11	06	97	02	0	150	77	0	0	0	0	0	55	78	000	0	4	29	08	97	02	0	160	65	4	0	9	0	0	56	//	— 3	—	0.0	— 0.2	2.0	5
Karachi division	Ormara	000	0	1	09	05	96	02	/	146	74	1	0	9	0	0	64	82	000	0	1	00	00	96	02	2	176	65	1	0	7	3	0	54	//	—	—	0.0	0.0	0.6	6
	Lasbela	///	0	2	00	00	98	00	0	138	88	0	0	0	0	0	57	89	///	0	0	00	00	98	00	0	175	62	0	0	8	0	0	38	45	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	6	05	05	97	03	2	144	77	0	0	9	0	0	37	81																		0					8
	Karachi (Airport)	000	0	7	09	09	93	02	2	147	80	5	6	5	3	8	54	81	000	0	3	02	02	96	03	0	171	61	2	0	9	2	3	44	59	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar																		000	0	0	05	02	97	02	0	083	68	0	0	9	0	0	55	68		—	0.0	—	0.1	—
	Chhor																																								7
	Hyderabad	000	0	6	31	03	97	01	2	160	74	3	0	9	3	1	39	75	000	0	1	37	07	97	13	0	184	59	0	0	9	0	1	23	57	— 5	+ 3	0.0	— 0.1	0.3	9
	Badin	000	0	8	36	04	97	03	0	///	78	0	0	9	0	8	40	77	000	0	0	36	04	97	00	6	163	53	0	0	9	0	0	40	52	—	— 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	5	05	02	96	02	2	162	74	0	0	9	0	5	31	75	000	0	0	36	03	96	02	0	199	46	0	0	9	0	0	36	43	—	—	0.0	—	0.8	—
	Nawabshah	000	0	7	36	03	96	01	2	167	75	0	0	9	0	7	47	79	000	0	0	00	00	96	02	0	196	51	0	0	9	0	0	42	47	—	—	0.0	—	1.1	—
	Sukkur	000	6	4	13	02	96	03	1	161	76	4	0	9	6	0	46	78	000	0	0	05	03	95	05	4	195	56	0	0	9	0	0	41	49	—	—	0.0	—	0.1	4
	Kashmore																																								—
	Jacobabad	000	0	1	05	02	97	01	0	161	75	0	1	9	3	0	//	79	000	0	0	00	00	96	02	0	193	50	0	0	9	0	0	//	46	+ 5	— 3	0.1	0.0	2.0	4
Junagadh	Veraval																																								20
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								—
	Gulmarg * *																																								71
	Sonamarg * *																																								24
	Dras * *																																								3
	Leh * *																																								6
	Skardu *																																								—
	Miagar * *																																								—
	Allabad *																																								5
	Gilgit *																																								39
Rawalpindi	Murree *	000	0	6	05	05	98	02	1	///	45	2	5	4	8	0	32	51	000	0	0	00	00	98	00	1	534	41	0	0	9	0	0	18	35	+ 2	— 2	1.0	+ 0.2	41.0	18
Peshawar	Drosh *																																								29
	Chorat *																		000	0	0	36	05	98	00	0	538	49	0	0	9	0	0	39	41	—	— 4	0.6	+ 0.2	15.0	—
	Kakul *	000	0	5	36	02	98	03	1	523	56	0	0	9	0	0	36	63	000	0	0	00	00	98	02	0	5.8	47	0	0	9	0	0	30	43	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	31	02	98	02	0	630	60	0	0	9	0	0	29	60	000	0	0	16	02	98	02	0	618	40	0	0	9	0	0	24	30	—	—	1.0	—	34.0	—
	Peshimar *	000	0	0	16	05	98	02	0	528	51	0	0	9	0	0	51	58	000	0	0	02	02	98	02	0	543	40	0	0	9	0	0	//	33	— 2	— 2	0.6	—	22.2	29
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	536	64	0	0	9	0	0	36	67	000	0	0	05	05	99	00	0	528	47	0	0	9	0	0	32	40	—	—	0.0	— 0.0	2.0	13
	Wana *	000	0	0	13	02	99	00	0	481	60	0	0	9	0	0	25	64	000	0	0	00	00	99	00	0	526	43	0	0	9	0	0	18	38	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	4	00	00	98	03	0	514	63	2	0	9	3	1	//	66	000	0	0	09	02	98	02	0	527	38	0	0	9	0	1	//	33		— 3	0.0	— 0.3	6.5	11
	Hindubagh *	000	0	0	23	05	94	05	0	504	54	0	0	9	0	0	49	55	000	0	0	27	02	97	02	0	582	32	0	0	9	0	0	//	28	—	—	0.0	—	0.2	—
	Loralai *	000	0	0	27	03	98	05	5	390	55	0	0	9	0	0	45	84	000	0	0	27	02	98	03	0	310	55	0	0	9	0	0	45	//	—	—	0.1	—	0.6	9
	Barkhan *	000	0	0	23	02	97	02	0	///	//	0	0	9	0	0	//	68	000	0	0	31	02	97	02	0	400	48	0	0	9	0	0	//	43	—	—	0.0	—	1.0	—
	Harnai *	000	0	0	00	00	96	02	0	513	60	0	0	9	0	0	//	//	000	0	0	00	00	96	02	0	5.2	60	0	0	9	0	0	58	//	—	/	—	—	1.0	14
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	564	59	0	0	9	0	0	//	65	000	0	0	00	00	96	02	0	547	39	0	0	9	0	0	//	37	—	—	—	— 0.2	5.6	9
	Chaman *	000	0	0	27	05	97	00	0	533	61	0	0	9	0	0	32	69	000	0	0	09	03	//	/	/	534	43	0	0	9	0	0	//	40	—	—	—	—	—	—
	Nushki *	000	0	0	51	03	97	02	0	574	68	0	0	9	0	0	35	69	000	0	0	07	07	97	02	0	578	54	0	0	9	0	0	//	52	+ 6	+ 4	0.0	— 0.3	4.8	—
	Dalbandin *	000	0	0	00	00	97	02	0	533	70	0	0	9	0	0	//	72	000	0	0	05	03	98	02	0	503	//	0	0	9	0	0	//	32	—	—	0.0	—	2.6	—
Kalat	Kalat *	000	0	0	31	02	96	02	0	493	55	0	0	9	0	0	//	59	000	0	0	13	03	97	02	0	520	32	0	0	9	0	0	//	24	+ 12	— 5	0.0	— 0.1	0.5	4
	Khuzdar *																																				— 3	0.0	— 0.2	3.2	7
	Panjgur *	000	0	0	27	05	96	05	0	528	72	0	0	9	0	0	51	73	000	0	0	05	03	96	02	0	519	46	0	0	9	0	0	25	48	—	+ 2	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 1st DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{Iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_hhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8$N_sCh_sh_s$	OT$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_{wt}$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
KamaPala	99 0 20	10 5 84	33 0 63	12 9 02	99 0 20	14 2 28					05 2 24		32 9 01	35 5 02
Juwara	99 1 86	10 6 14	33 1 23	85 0 13	97 1 61	10 0 35				88 2 / /	05 2 23		30 3 01	84 5 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (P$_0$P$_0$P$_0$ T$_0$T$_0$T$_0$ D$_0$D$_0$)	1000 mb (hhh TTT$_a$ DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	012 166 10	...	490 110 24	126 072 45	514 059 51	755 177 57	...	238 5/ / / /	...	...	...	...	...
Dacca ...	00 00	014 170 32	...	420 106 61	090 070 64	510 017 32	751 815 40	959 344 37	231 511 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 174 31	...	500 104 25	075 010 / /	570 125 / /	737 213 / /	942 385 / /	212 525 / /	...	...	...	...	...
Multan ...	00 00	003 060 40	...	500 090 78	108 005 62	574 115 / /	743 245 / /	947 391 / /	...	...	...	...	...	...
Peshawar ...	00 00	976 054 32	...	490 042 42	038 043 36	561 195 38	725 245 / /	929 367 / /	202 501 / /	...	...	...	...	...
Quetta ...	00 00	822 049 01	...	...	972 103 / /	550 213 / /	712 303 / /	...	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_s$ DD									Max. Wind Speed FmFmFm dmdm fmfmfm	TROPOPAUSE P$_t$T$_t$P$_t$T$_t$T$_{tx}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 138 34	800 185 / /	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 149 63	800 094 61	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...														

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 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	250 4/	140 04	/00 03	250 4/	050 08	185 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	060 03	040 04	040 05	040 02	100 01	/10 20	285 / /	...	...	060 03	040 04	045 05	040 02	100 01	/ / 0 20	...	...	...	...	...	...	...	...	...	...	...
Chaldala ...	...	285 10	290 08	25/ 02	095 03	150 1/	...	...	...	...	...	...	...	...	...	...	250 03	290 04	285 04	100 04	245 04	255 44	260 43	255 45	...	...
Chhor ...	025 09	025 08	030 08	110 09	295 01	360 11	...	...	...	075 14	088 08	050 08	330 05	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	230 07	225 11	215 13	170 12	140 11	220 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	315 07	150 07	260 03	225 07	215 04	230 08	...	...	...	160 04	160 11	155 08	215 08	250 16	260 17	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	260 6/	255 11	250 02	255 02	305 10	...	...	...	...	179 01	235 30	035 02	...	295 23	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	065 06	065 05	105 04	180 05	220 20	260 30	265 37	...	...	075 07	080 12	115 03	265 04	...	...	065 09	095 11	135 03	290 33	285 28	265 33	230 39	...	...
D. I. Khan ...	110 01	145 01	170 51	085 03	170 05	295 11	075 14	270 29	260 30	290 03	295 03	289 03	295 06	50 6/	260 11	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	215 13	215 04	210 08	190 09	160 07	140 14	...	...	...	075 01	075 01	035 31	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	275 01	235 03	225 08	255 2/	265 0/	245 0/	...	...	...	195 03	300 07	265 12	...	...	...	215 06	245 12	345 11	315 23	290 21	280 31	...	...
Gilgit ...	...	...	...	110 04	/55 01	...	...	...	...	...	...	...	290 / /	250 03	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	320 02	305 03	305 06	315 07	240 10	...	...	...	...	...	...
Jacobabad ...	060 04	115 04	135 04	070 05	100 04	235 16	270 23	280 23	280 17	075 05	035 30	325 04	270 08	245 13	265 10	140 04	145 06	340 05	345 06	300 13	275 17	245 17	280 09	270 06	...	...
Jessore ...	300 06	080 07	050 07	335 06	...	...	...	...	...	030 0/	030 04	025 05	350 05	310 10	310 12	345 04	315 03	315 08	320 07	280 12	270 15	/ / / /	275 29	...	...	...
Jhelum ...	240 03	310 04	200 05	040 02	330 04	175 04	060 15	260 34	260 39	303 06	315 10	300 06	305 10	306 10	295 14	305 08	315 08	315 09	325 06	305 09	280 09	285 35	255 46	260 48	255 55	255 73
Jiwani ...	085 08	080 12	080 14	070 07	345 06	225 17	265 14	275 21	275 27	025 09	055 15	095 06	...	110 10	...	060 1/	071 4/	090 1/	105 60	130 09	175 06	...	...	...	...	...
Karachi ...	080 21	075 17	085 13	100 15	105 10	260 10	...	...	...	...	...	...	...	...	...	065 10	060 08	060 07	060 08	045 09	320 27	265 14	260 12	290 07	...	...
Khanpur ...	/55 17	005 53	015 22	040 12	085 09	100 15	...	...	...	065 10	280 13	290 13	320 12	285 08	240 24	150 1/	170 15	225 15	275 12	290 12	280 19	300 22	255 27	255 23	...	...
Khuzdar ...	...	...	...	150 02	240 04	245 09	260 21	265 24	270 28	...	...	...	275 06	290 03	300 14	...	...	...	275 04	290 07	275 11	265 19	270 28	270 31	280 31	235 39
Lahore ...	320 0/	305 06	295 0/	320 08	225 10	315 06	280 04	...	...	151 3/	014 / /	251 1/	301 0/	201 5/	295 10	...	...	...	...	...	...	...	...	...	...	...
Multan ...	080 04	036 05	035 05	025 03	015 02	255 13	285 29	270 32	260 30	...	...	...	...	...	...	195 05	205 07	215 07	255 08	275 10	240 07	245 07	295 14	275 18	...	...
Nawab Shah ...	010 10	025 /2	060 12	110 06	245 05	260 15	...	...	...	040 11	030 06	355 12	310 05	375 02	245 17	040 07	035 09	020 21	010 11	095 05	270 19	275 22	060 25	270 31	...	...
Nokkundi ...	...	...	150 04	135 04	085 03	240 05	270 1/	265 27	280 23	...	...	/// / /	230 05	245 08	270 15	...	...	095 09	125 10	250 09	245 05	230 22	250 59	255 31	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	040 07	020 17	057 14	...	...	...	155 01	170 01	155 03	230 03	265 30	275 26	...	...
Peshawar ...	...	350 03	/00 03	380 09	290 09	245 09	255 20	245 09	240 24	...	230 07	280 07	/50 05	280 06	295 07	...	090 02	095 01	335 16	320 01	101 9/	215 09	265 25	260 34	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	225 04	085 03	...	...	...	...	155 01	170 01	155 /3	230 03	265 0/	275 26	...	...
Quetta ...	...	...	...	...	310 06	285 08	295 12	051 0/	101 9/	...	...	...	...	...	...	...	...	...	...	/50 04	335 08	265 21	/29 55	280 27	...	...
Sargodha ...	285 03	200 4/	/40 04	345 06	320 07	400 9/	295 26	290 33	290 31	275 08	375 04	025 03	300 10	275 15	300 11	270 05	290 02	/// / /	290 06	260 07	260 09	260 33	265 0/	...	...	...
Skardu ...	...	...	...	235 02	/// / /	...	205 02	...	...	...	...	...	240 03	...	...	...	...	...	245 04	/// / /	195 14	215 08	230 49	270 03	...	...
Sylhet ...	150 03	1/0 04	175 04	195 06	190 10	...	...	...	...	095 10	095 16	120 05	180 11	220 04	290 37	115 05	120 07	145 05	170 27	230 03	280 17	270 37	270 35	265 31	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	020 18	095 19	095 17	095 06	020 06	340 13	290 21	280 35	280 33	...	...	...	...	...	...	...	...	...
Multan ...	115 05	180 05	250 07	265 06	255 09	270 06	265 20	270 31	270 38	...	...	...						
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

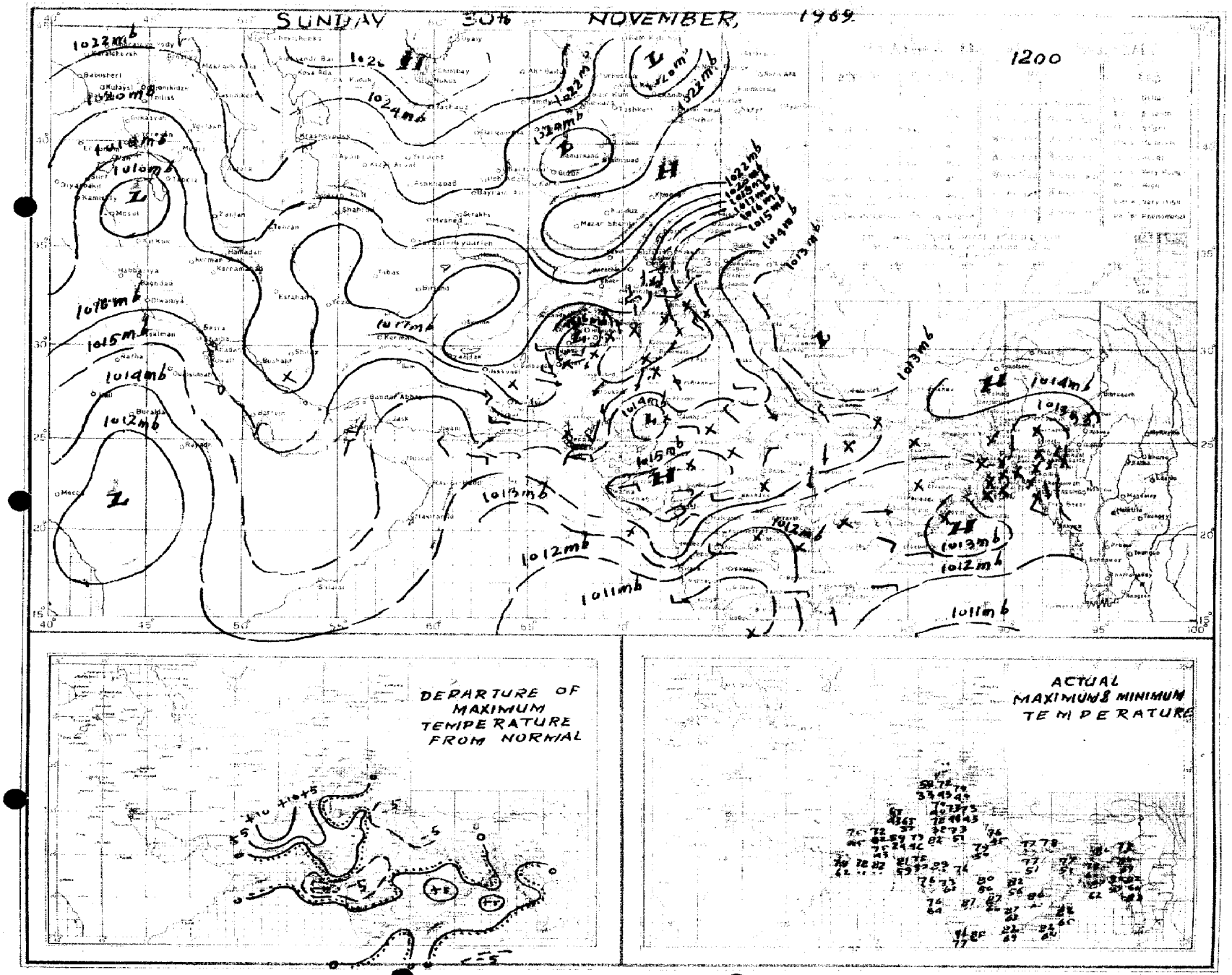
T$_0$—Approximate each value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

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

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

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

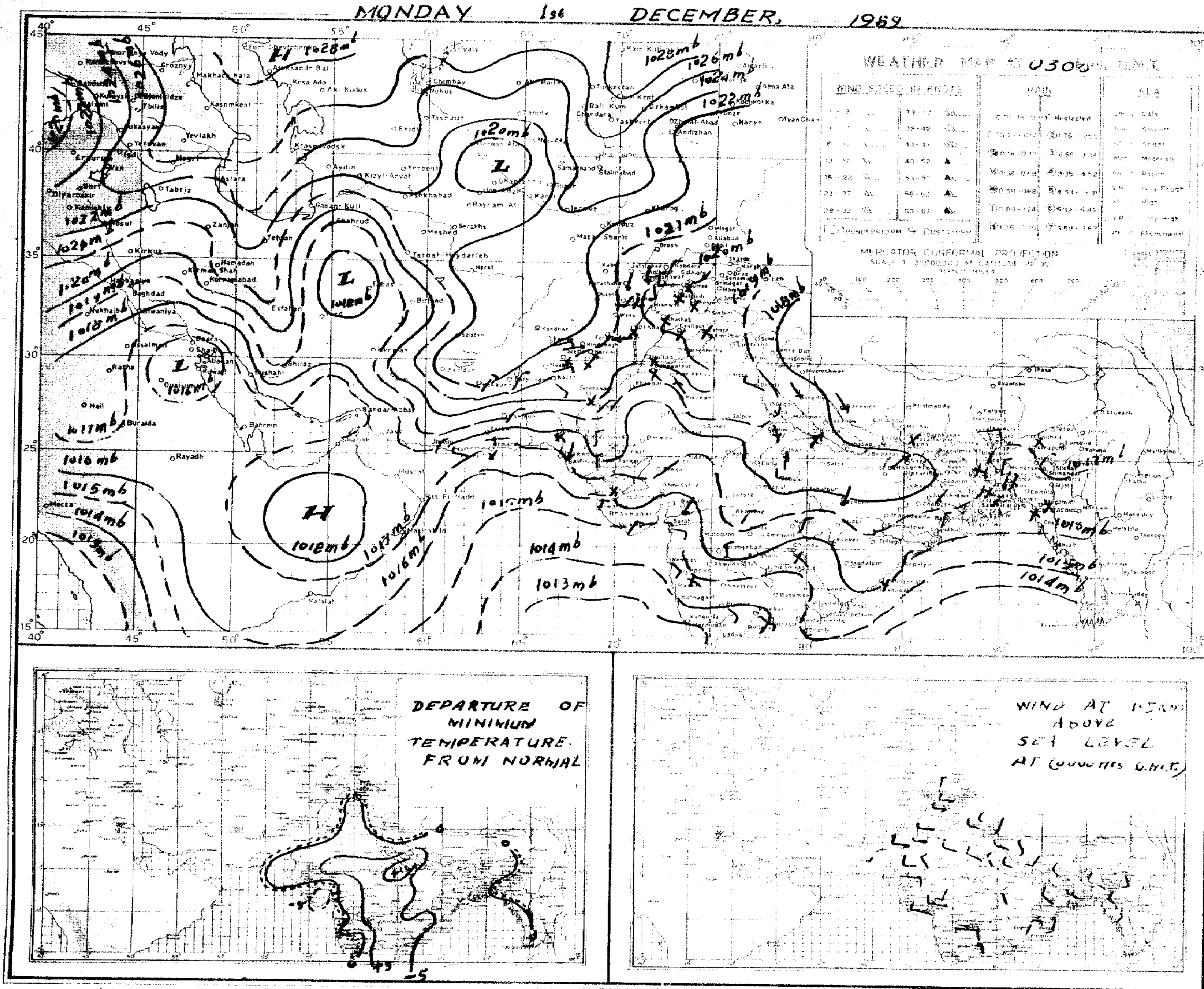
PAKISTAN DAILY WEATHER MAP



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

MONDAY 1st DECEMBER, 1969



REG. No. 174 RWXD'61-5000'

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 2nd DECEMBER 1969.

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

Yesterday's western disturbance is now moving across northwest of Afghanistan. A trough of low pressure has developed over North Arabian Sea. Dry continental air continues to prevail over west Pakistan.

Weather remained dry over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in Peshawar, Kalat, Karachi, Hyderabad divisions and in East Pakistan outside Dacca division and were to the same extent below normal in Sargodha and Bahawalpur divisions.

Forecast valid until the evening of 3rd December 1969 :—A few fall of light rain/drizzle may occur along Makran coast. Otherwise weather will remain dry over the country.

Karachi-11
The 2nd December, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	31	02	96	01	0	139	76	1	1	7	0	0	58	82
	Cox's Bazar	000	0	0	31	06	96	02	0	131	73	0	0	9	0	0	59	80
	Chittagong	000	0	2	31	02	//	02	4	136	72	0	0	9	0	1	60	80
	Maijdee Court	000	0	0	00	00	//	00	0	123	76	0	0	9	0	0	59	80
	Comilla	000	0	0	00	00	96	02	0	137	72	0	0	9	0	0	63	85
	Brahmanbaria	000	0	0	00	00	//	00	1	137	73	0	0	9	0	0	64	80
	Sylhet	000	0	0	00	00	//	02	0	131	70	0	0	9	0	0	59	80
	Srimangal	000	0	0	00	00	//	00	0	142	72	0	0	9	0	0	60	82
Dacca	Mymensingh	000	0	0	00	00	//	00	0	142	72	0	0	9	0	0	64	80
	Narayanganj	000	0	0	00	00	//	00	0	137	73	0	0	9	0	0	60	83
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	133	72	0	0	9	0	0	63	80
	Faridpur	000	0	0	34	02	93	00	0	167	76	0	0	9	0	0	58	80
Khulna	Barisal	000	0	0	00	00	//	02	0	136	73	0	0	9	0	0	64	80
	Khulna	000	0	0	00	00	97	00	0	134	70	0	0	9	0	0	37	67
	Satkhira	000	0	0	00	00	95	00	0	139	72	0	0	9	0	0	63	82
	Jessore	000	0	0	00	00	96	02	0	135	73	0	0	9	0	0	60	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	138	73	/	/	/	/	/	44	80
	Sirajganj	000	0	0	36	01	//	00	0	162	73	0	0	9	0	0	63	80
	Rajshahi	000	0	0	00	00	94	02	0	147	73	0	0	9	0	0	63	82
	Bogra	000	0	0	00	00	//	00	0	140	72	0	0	9	0	0	64	80
	Dinajpur	000	0	0	00	00	//	01	0	131	75	0	0	9	0	0	64	82
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	02	0	173	60	0	0	9	0	0	50	73
	Sialkot	000	0	0	00	00	96	00	0	135	77	0	0	9	0	0	70	78
Rawalpindi	Jhelum	000	0	0	27	02	96	02	0	164	70	0	0	9	0	0	40	76
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	2	126	63	0	0	9	0	0	36	70
	Campbellpur	000	0	0	00	00	98	00	0	168	72	0	0	9	0	0	64	82
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	000	0	0	00	00	96	00	0	164	70	0	0	9	0	0	50	73
	Lyallpur																	
Multan	Sahiwal	000	0	0	00	00	97	02	0	172	70	0	0	9	0	0	43	76
	Multan	000	0	0	36	01	94	00	0	182	73	0	0	9	0	0	59	77
	Leiah																	
Bahawalpur	Khanpur	000	0	0	05	02	97	02	0	171	73	0	0	9	0	0	33	77
	Bahawalpur	000	0	0	00	00	96	00	0	181	72	0	0	9	0	0	47	77
	Fort Abbas	000	0	0	05	02	98	00	0	154	85	0	0	9	0	0	76	85
Peshawar	Chakdra	000	0	0	23	02	98	02	0	156	63	0	0	9	0	0	43	64
	Peshawar	000	0	1	00	00	56	04	0	177	66	0	0	9	0	1	43	72
	Haripur	000	0	0	23	03	97	00	0	172	59	0	0	9	0	0	32	68
D. I. Khan	Bannu	000	0	0	23	02	99	00	1	175	67	0	0	9	0	0	34	72
	D. I. Khan	000	0	0	00	00	97	02	0	178	67	0	0	9	0	0	45	72
Quetta	Sibi	000	0	0	00	00	97	02	0	168	78	0	0	9	0	0	54	82
	Nokkundi	000	0	0	13	03	96	02	0	140	74	0	0	9	0	0	30	76
Kalat	Turbat	000	0	0	18	02	96	00	0	///	83	0	2	9	0	0	43	83
	Jiwani	000	0	8	13	09	96	02	2	146	77	2	5	4	7	0	60	80
	Pasni	000	0	4	11	04	97	02	0	156	78	4	0	9	0	0	69	80
Karachi division	Ormara	000	0	4	11	07	96	06	0	157	79		0	0	3	0	63	82
	Lasbela	000	0	2	00	00	58	00	0	143	90	0	0	8	0	0	52	91
	Karachi (Manora)	000	0	3	05	05	97	03	0	146	81	0	0	9	0	1	49	88
	Karachi (Ariport)	000	0	4	09	07	97	03	0	146	83	2	0	9	3	1	59	85
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	081	85	0	0	9	0	0	52	92
	Chhor	000	0	0	00	00	96	02	0	142	83	0	0	9	0	0	29	98
	Hyderabad	000	0	2	31	05	97	01	0	158	77	0	0	9	0	1	35	81
	Badin	008	0	0	36	04	97	02	0	144	82	0	0	9	0	0	41	83
Khairpur	Padidan	000	0	0	36	02	96	02	0	166	75	0	0	9	0	0	33	77
	Nawabshah	000	0	0	31	03	96	01	0	161	78	0	0	9	0	0	43	80
	Sukkur	000	6	0	05	02	96	02	0	165	75	0	0	9	0	0	49	80
	Kashmore																	
	Jacobabad	000	0	0	36	02	97	02	0	165	75	0	0	9	0	0	35	79
Junagadh	Varaval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	//	03	98	03	0	457	47	0	0	9	0	0	38	51
Peshawar	Drosh *	000	0	0	13	03	97	02	0	513	52	0	0	9	0	0	24	43
	Cherat *	000	0	0	36	05	98	00	0	539	54	0	0	9	0	0	45	58
	Kakul *	000	0	0	31	02	96	05	0	526	58	0	0	9	0	0	41	44
	Landikotal *	000	0	4	31	05	98	02	0	532	60	4	3	9	0	0	37	43
	Prachinar *	000	0	0	16	03	98	02	0	539	52	0	0	9	0	0	22	38
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	500	64	0	0	9	0	0	//	67
	Wana *	000	0	0	13	02	99	00	0	510	60	0	0	9	0	0	27	63
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	414	60	0	0	9	0	0	05	64
	Hindubagh *	000	0	0	23	03	96	02	0	518	57	0	0	9	0	0	17	58
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	68
	Barkhan *	000	0	0	23	02	//	02	0	484	45	0	0	9	0	0	17	72
	Harnai *	000	0	0	00	08	96	02	0	516	66	0	0	9	0	0	44	66
	Samungli (Quetta) *	000	0	0	00	05	96	02	0	578	57	0	0	9	0	0	37	61
	Chaman *	000	0	0	36	05	97	00	0	533	61	0	0	9	0	0	33	69
	Nushki *	000	0	0	27	04	97	02	0	574	68	0	0	9	0	0	35	71
	Dalbandin *	000	0	0	05	03	97	02	0	///	//	0	0	9	0	0	08	72
Kalat	Kalat *	000	0	0	31	02	96	00	2	460	55	0	0	9	0	0	32	60
	Khuzdar *	000	0	0	27	02	97	02	0	517	69	0	0	9	9	0	36	71
	Panjgur *	000	0	4	00	00	96	03	0	324	73	4	0	9	4	0	45	78

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	2	0	05	02	98	01	4	167	69	3	4	6	0	0	64	65	—	—	1.6	—	10.2	—
	Cox's Bazar	000	0	1	04	06	96	05	0	175	73	1	1	5	0	0	62	65	— 1	+ 3	...	—	—	140
	Chittagong	000	4	0	09	02	97	01	4	177	69	0	0	9	0	0	62	59	0	— 1	1.2	— 1.0	105.7	108
	Maijdee Court	000	6	0	00	00	97	00	0	176	69	0	0	9	0	0	62	60	0	— 1	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	169	69	0	0	9	0	0	60	64	+ 4	+ 7	0.5	— 0.9	64.2	94
	Brahmanbaria	000	0	0	00	00	96	00	0	178	75	0	0	9	0	0	62	62	—	—	—	—	—	78
	Sylhet	...	..	..	...	...	...	...	..	...	...	..	..	..	..	..	...	...	—					—
	Srimangal	000	0	0	00	00	96	00	0	175	68	0	0	9	0	0	60	54	—	+ 3	1.5	+ 0.1	84.5	58
Dacca	Mymensingh	000	0	0	00	00	97	00	0	168	69	0	0	9	0	0	62	60	+ 1	+ 1	0.3	— 0.6	77.6	91
	Narayanganj	000	0	0	00	00	97	00	0	171	75	0	0	9	0	0	62	62	+ 2	+ 2	1.3	+ 0.4	82.1	74
	Dacca (Tezgaon)	000	0	0	31	02	97	05	4	175	69	0	0	9	0	0	62	59	—	—	1.3	—	65.9	—
	Faridpur	000	0	0	02	02	97	00	0	176	69	0	0	9	0	0	62	59	+ 2	+ 1	1.6	+ 0.6	58.5	71
Khulna	Barisal	000	0	0	00	00	97	02	0	178	69	0	0	9	0	0	62	59	0	0	—	—	—	81
	Khulna	...	..	...	..	..	..	..	..	..	..	...	..	..	..	...	..	..	+ 7					68
	Satkhira	000	0	2	26	01	97	00	0	183	73	0	0	9	0	2	60	69	0	+ 4	0.2	— 1.6	61.7	65
	Jessore	000	0	0	00	00	96	05	0	180	69	0	0	9	0	0	60	54	—	—	1.1	— 0.1	62.5	65
Rajshahi	Pabna	000	0	0	00	00	97	02	2	177	69	0	0	9	0	0	62	62	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	36	01	58	00	0	181	73	0	0	9	0	0	62	59	+ 1	+ 2	0.4	— 0.3	56.6	64
	Rajshahi	000	6	0	36	02	97	02	0	189	68	0	0	9	0	0	60	60	+ 4	+ 4	3.0	+ 2.4	70.3	—
	Bogra	000	0	0	00	00	96	02	0	181	69	0	0	9	0	0	60	59	+ 1	+ 2	—	—	—	69
	Dinajpur	000	0	0	00	00	96	00	0	184	73	0	0	9	0	0	62	59	+ 3	+ 4	0.6	+ 0.3	96.5	72
	Rangpur	000	0	0	09	02	96	01	0	175	65	0		9	0	0	62	56		+ 1	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	213	47	0	0	9	0	0	40	43	— 4	+ 1	0.0	— 0.1	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					33
Rawalpindi	Jhelum	000	0	1	00	00	94	10	0	562	44	0	0	9	0	1	40	43	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	230	40	0	0	9	0	0	38	38	— 1	— 1	0.2	— 0.1	33.6	36
	Campbellpur	000	0	0	00	00	97	00	3	190	40	0	0	9	0	0	38	38	+ 6	— 7	0.0	— 0.1	7.8	15
Sargodha	Khushab	000	0	1	23	02	96	04	0	213	40	0	0	9	0	1	35	35	—	—	0.1	—	20.7	—
	Sargodha	000	0	0	00	00	95	00	0	209	43	0	0	9	0	0	35	40	0	— 3	0.0	— 0.1	7.7	12
	Lyallpur																							
Multan	Sahiwal	000	0	0	00	00	94	10	0	223	45	0	0	9	0	0	38	40	0	— 5	0.0	— 0.1	11.3	18
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	219	45	0	0	9	0	0	35	40	— 2	— 6	0.3	+ 0.2	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	204	54	0	0	9	0	0	38	43	0	— 2	0.0	— 0.0	2.0	8
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	00	00	98	02	0	135	38	0	0	9	0	0	32	35	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	18	02	97	02	0	232	43	0	0	9	0	0	33	43	+ 2	0	0.5	+ 0.2	14.8	11
	Haripur	000	0	0	05	03	97	00	0	231	45	0	0	9	0	0	30	40	—	—	0.9	—	23.9	—
D. I. Khan	Bannu	000	0	0	27	01	99	00	0	203	47	0	0	9	0	0	32	43	—	—	0.5	—	3.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	212	49	0	0	9	0	0	24	40	— 3	— 3	0.0	— 0.2	6.0	8
Quetta	Sibi	000	0	0	00	00	97	02	0	196	42	0	0	9	0	0	40	41	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	36	02	56	02	0	217	50	0	0	9	0	0	17	47	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	13	02	96	00	0	///	69	0	2	9	0	0	59	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	7	05	05	96	02	2	179	69	7	5	6	0	0	59	66	—	—	0.0	—	2.0	5
	Pasni	000	1	4	05	04	97	02	0	189	71	4	0	9	0	0	66	//	0	/	0.0	— 0.2	0.2	6
Karachi division	Ormara	000	0	6	09	07	96	02	2	191	76	5	8	6	0	0	61	//	—	—	0.0	0.0	0.6	6
	Lasbela	...	..	..	...	...	...	...	..	...	...	..	..	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	3	02	03	96	01	1	193	69	0	0	9	4	0	42	69	+ 7	+ 6	0.0	— 0.1	1.1	8
	Karachi (Ariport)	000	0	5	09	02	96	02	1	196	69	0	0	9	0	1	51	59	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	112	74	6	6	6	0	0	20	74	—	—	0.0	—	0.1	—
	Chhor	000	0	0	00	00	96	02	0	192	50	0	0	9	0	0	24	50	—	—	—	—	—	7
	Hyderabad	000	0	0	36	07	97	02	0	210	59	0	0	9	0	0	37	58	— 1	+ 4	0.0	— 0.1	0.3	9
	Badin	000	3	0	36	06	97	02	0	183	57	0	0	9	0	0	37	55	0	+ 1	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	2	36	03	96	03	0	220	49	2	0	9	0	0	37	45	—	—	0.0	—	0.8	—
	Nawabshah	000	0	1	00	00	96	03	0	218	50	0	0	9	0	1	43	47	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	95	02	0	218	57	0	0	9	0	0	42	45	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	36	02	96	02	0	211	50	0	0	9	0	0	33	49	+ 1	0	0.1	0.0	2.8	20
Junagadh	Varaval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							36
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Allabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	05	02	98	00	0	547	45	0	0	9	0	0	14	38	— 1	— 1	0.9	+ 0.1	41.0	18
Peshawar	Drosh *	000	0	0	00	00	97	02	0	580	40	0	0	9	0	0	16	38	+ 6	— 1	0.6	—	16.0	29
	Cherat *	000	0	3	06	08	98	00	0	546	50	0	0	9	0	0	18	49	— 1	+ 4	0.6	+ 0.2	15.0	—
	Kakul *	000	0	0	00	00	98	02	0	543	47	0	0	9	0	0	29	40	—	—	1.0	—	33.9	—
	Landikotal *	000	0	0	36	02	98	02	0	612	43	0	0	9	0	0	29	35	—	—	1.0	—	33.9	29
	Prachinar *	000	0	0	02	02	98	02	0	567	40	0	0	9	0	0	11	33	— 1	— 2	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	504	43	0	0	9	0	0	20	38	—	—	0.0	— 0.0	2.0	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	09	02	98	02	0	552	35	0	0	9	0	0	//	31	— 1	— 5	0.0	— 0.3	6.5	—
	Hindubagh *	000	0	0	00	00	97	01	0	583	32	0	0	9	0	0	13	22	—	—	0.0	—	0.2	9
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	45	—	—	0.1	—	0.7	—
	Barkhan *	000	0	0	31	05	97	02	0	480	40	0	0	9	0	0	10	42	—	—	0.0	—	0.9	14
	Harnai *	000	0	0	00	00	96	02	0	565	64	0	0	0	0	0	57	//	—	—	0.0	— 0.2	5.7	9
	Samungli (Quetta) *	000	0	1	00	00	96	03	0	570	25	1	0	9	1	0	16	20	—	—	0.0	— 0.3	3.2	8
	Chaman *	000	0	0	09	03	97	00	0	534	43	0	0	9	0	0	16	42	+ 8	+ 4	0.0	— 0.4	4.8	—
	Nushki *	000	0	0	05	08	97	02	0	599	55	0	0	9	0	0	25	52	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	1	00	00	97	03	0	523	41	1	0	9	3	0	03	36	+ 3	— 1	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	18	03	97	02	0	549	32	0	0	9	0	0	20	26	+ 2	— 1	0.0	— 0.3	2.2	—
	Khuzdar *	000	0	4	00	00	96	00	3	541	45	4	0	9	3	0	30	43	—	—	—	—	—	
	Panjgur *	000	0	4	00	00	96	03	0	545	54	4	0	9	3	0	31	45	+ 9	+ 4	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 2nd DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsChs hs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	d dwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 48	10 6 65	01 0 63	20 8 08	58 0 21	17 8 24	22 4 00	63 4 00	...		00 2 16	...	30 2 02	04 3 02
Juwara	99 2 21	10 6 45	01 0 63	70 9 13	57 0 12	15 1 25	77 3 //	13 1 29	...		05 1 23	12 5 41	30 2 02	06 5 02
Juwara	99 2 32	10 6 65	01 1 23	80 9 13	58 0 22	13 8 25	55 3 20	13 2 15	—		00 1 23	12 4 60	30 2 01	08 5 02
Dwarka	99 2 49	10 6 52	01 1 23	60 7 09	59 0 31	15 0 24	19 / 63	63 6 27	...		95 6 15	...	30 1 01	15 6 03
Khirarygshnieviky	99 1 88	16 6 22	81 1 83	20 0 00	58 1 70	15 1 25	29 3 00	14 1 12	12 9 16		...	...		...
Dwarka	99 2 49	10 6 38	01 1 83	70 6 06	58 0 21	18 2 24	62 4 //	63 3 12	...		05 4 16	...	30 1 02	18 4 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTTa DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 182 18	...	500 118 57	144 072 57	585 081 58	756 193 58	963 337 58	234 595 //	411 683 //	649 771 //	...	...	...
Dacca ...	00 00	015 160 15	...	500 104 57	107 050 57	580 087 59	750 189 59	958 348 //	123 563 //	140 739 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 190 44	...	500 194 23	198 100 //	593 045 //	775 145 //	978 371 //	242 401 //	...	...	...	...	...
Multan ...	00 00	005 052 22	...	500 116 35	119 005 //	561 185 //	714 285 //	927 365 //	202 461 //	...	...	...	...	...
Peshawar ...	00 00	975 060 57	...	470 106 58	119 000 58	574 143 //	740 257 //	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...		...	...	...	...	...	...	...
Sargodha ...	00 00	957 [illegible] 53	...	500 084 56	090 075 57	548 181 //	732 285 //	933 381 //	205 501 //					

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 118 38	800 126 57	600 205 06	578 000 57	350 259 58	...	...	...	...	175 280 64	–	...
Dacca ...	00 00	900 120 50	800 084 57	600 000 75	350 158 59	...	...	...	...	...		...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan ...	00 00	...	...	—	...	...	...	...	...	...		...	...
Peshawar ...	00 00	903 124 58	...	...	...	...	...	...	...	...	216 265 79	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00												

UPPER WIND DATA

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

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	010 07	350 10	300 07	355 07	300 07	295 17	..	..	...
Bogra ...	010 03	345 03	330 04	295 04	260 06	280 11	...	...	...
Chakiala ...	...	280 18	265 12	245 02	275 12	340 04	340 12	285 17	205 10
Chhor ...	030 06	050 04	065 05	115 02	105 03	080 10	350 15	330 18	320 16
Chittagong ...	320 08	330 06	015 06	335 06	235 11	260 19	...	...	..
Cherat ...	...	...	...	...	...	...		...	...
Cox's Bazar ...	275 07	270 07	275 06	270 05	295 04	350 17	...	...	..
Decca ...	330 05	330 07	320 09	345 07	005 08	295 08	255 17	..	...
Dalbandin ...	...	...	090 06	055 04	070 02	245 06	260 26	255 41	255 47
D. I. Khan ...	230 08	145 04	360 01	300 04	315 13	300 09	250 13	265 20	270 30
Drosh ...	...	...	...	215 03	215 04	210 08	190 09	160 07	140 14
Fort Sandeman ...	..	.	...	320 02	290 01	290 06	280 15	275 19	275 26
Gilgit ...	..	...	..	245 01	225 01	280 06	275 12	260 12	250 06
Ishurdi ...	340 09	330 09	315 10	320 17	335 12	310 23	..	...	..
Jacobabad ...	330 03	330 03	360 03	305 06	255 08	240 12	265 23	260 25	260 27
Jessore ...	325 09	325 11	340 12	020 09	020 08	015 15	...		...
Jhelum ...	270 07	295 13	300 10	305 05	300 09	285 13	275 33	270 37	275 43
Jiwani ...	100 09	130 11	180 14	...	...	...	..	..	
Karachi ...	095 15	085 10	075 06	135 01	315 07	005 08		...	...
Khanpur ...	075 07	055 06	055 07	100 04	105 07	120 15	140 24	150 46	140 59
Khuzdar ...	...	...	...	255 06	240 03	275 11	265 25	265 30	275 39
Lahore ...	305 10	305 12	310 13	305 16	240 15	340 13	290 15	280 25	280 37
Multan ...	115 03	040 04	040 07	315 04	305 05	340 13	330 27	325 35	325 31
Nawab Shah ..	035 05	050 07	060 08	085 05	275 10	295 15	290 20	290 27	285 27
Nokkundi .	...	...	115 04	095 02	055 02	225 05	240 06	275 09	310 14
Panjgur ...	..	...	...	260 01	315 06	250 18	240 19	225 24	220 28
Peshawar ...	...	050 03	310 07	305 16	320 15	330 06	295 18	280 28	280 39
Parachinar ...	...	...	...	065 03	140 06	295 37	325 11	/// //	210 37
Quetta ..	...				360 03	330 08	295 24	280 35	270 54
Sargodha ...	290 05	280 07	340 03	015 06	285 05	255 13	270 29	270 28	270 36
Skardu ...	..	..		..	-	...	...	...	...
Sylhet ...	210 02	240 01	085 01	110 03	075 07	290 09	..	—	...
Veraval ...	...	...		...	...			...	...

At 0000 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	355 04	335 04	350 04	335 07	315 13	090 19
Bogra	—	...	...	.	...	...
Chakiala	...				...	...
Chhor	080 27	080 17	080 10	360 09	350 16	320 09
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	..
Cox's Bazar	005 10	005 08	035 09	090 04	125 04	..
Decca	285 01	005 03	330 03	330 06	285 06	295 23
Dalbandin	—	...	070 07	080 11	240 06	315 04
D. I. Khan	...	...	...	...		...
Drosh	...	...	...	075 01	075 01	035 03
Fort Sandeman	..	..	...	235 02	285 08	305 19
Gilgit			.	000 00	260 05	305 00
Ishurdi	020 13	015 06	350 03	330 30	305 12	300 24
Jacobabad	085 08	075 05	045 03	280 05	285 08	290 10
Jessore	005 13	360 04	360 04	330 08	310 13	300 17
Jhelum	315 06	320 11	350 10	320 05	325 08	290 06
Jiwani	070 12	100 10	105 12	...	...	...
Karachi	...			...	...	...
Khanpur	360 10	360 12	025 12	350 11	310 14	280 20
Khuzdar		...		245 04	270 07	280 15
Lahore	335 06	325 06	305 07	305 10	310 11	280 09
Multan	255 06	245 02	350 04	300 06	325 10	290 20
Nawab Shah	040 13	045 08	060 05	220 03	345 12	310 13
Nokkundi	...	...	025 45	060 06	070 07	360 11
Panjgur	...			055 08	050 11	035 14
Peshawar	...	300 06	300 08	340 13	340 11	360 10
Parachinar	...	..	...	205 03	095 03	...
Quetta	...	...		...	205 09	270 19
Sargodha	305 11	305 12	020 12	345 07	355 11	280 11
Skardu	...	...	...	295 03	340 04	230 07
Sylhet	090 05	100 05	100 04	085 06	070 02	290 02
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T.† of date (dd fff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	345 07	330 05	330 05	320 08	315 10	305 17	270 26	265 29	265 35	260 53	...
Bogra	335 07	355 04	/// //	330 04	305 15	285 17	250 23	270 24	..	...	.
Chakiala	...	260 04	330 01	345 06	005 06	005 03	250 11	260 11	255 12	..	...
Chhor	060 14	060 12	050 11	040 11	020 16	015 15	303 41	040 32	070 41	...	...
Chittagong	340 02	345 03	340 04	265 03	295 06	275 15	260 26	260 37	280 35	245 43	...
Cherat	...	...			...		..	...	...	...	—
Cox's Bazar	015 10	040 06	040 06	065 05	040 07	280 18	270 18	265 15	...	..	...
Decca	300 08	300 05	355 05	330 09	345 10	290 18	280 22	270 29	270 37	280 38	275 53
Dalbandin	...	...	085 08	140 06	210 03	255 07	240 34		...		
D. I. Khan	...	310 15	305 15	300 06	305 13	300 08	320 12	310 18	315 20	255 30	260 40
Drosh	—	...	...								
Fort Sandeman	...	...	..	240 06	195 07	350 05	320 20	300 13	295 13	300 26	260 39
Gilgit				110 01	270 05	230 03	200 01	250 32	205 05	250 34	—
Ishurdi	315 02	305 05	300 03	310 03	270 07				...		
Jacobabad	100 01	330 01	340 01	345 07	250 10	260 10	270 19	265 26	260 31	255 41	245 58
Jessore	...	...	...			...		...	...	...	
Jhelum	310 12	315 17	310 17	310 08	305 18	305 12	300 08	310 09	265 10	260 29	275 55
Jiwani	080 19	105 19	130 19							...	..
Karachi	055 24	070 23	080 21	080 18	080 11	290 04	195 06	255 19	250 13		...
Khanpur	125 12	170 08	270 07	290 18	305 18	280 18	310 17	305 27	265 28	265 50	285 63
Khuzdar	...			355 02	275 08	250 17	250 04	255 30	25 30	250 38	235 44
Lahore	315 04	320 10	315 12	310 12	310 10	285 08	270 19	265 30	280 36	265 46	275 71
Multan	225 05	225 04	255 05	290 07	310 09	335 12	315 21	295 27	285 31	275 58	265 75
Nawab Shah	050 09	040 10	050 09	070 05	350 11	315 17	310 17	290 37	285 62	...	...
Nokkundi	...	...	185 12	130 12	145 11	165 09	...	..	...	...	...
Panjgur	...		...				...	...	...	...	
Peshawar	...	130 03	235 03	310 15	335 15	360 07	275 14	265 25	265 27	265 49	255 69
Parachinar	...	...	...	105 09	080 01	280 29	300 15	/// //	275 28	260 43	260 63
Quetta	...	...			155 02	265 10	255 17	235 26	235 33		
Sargodha	280 09	295 08	300 07	300 09	315 09	325 13	260 26	275 27	270 33	260 40	260 45
Skardu	...	...	...	...	...		...	..	...	...	.
Sylhet	...	...	...	...	...	...	..	..	—	—	...
Veraval	...	...	...	...	...		...	...	...	...	..

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	050 13	070 17	090 13	320 08	320 07	245 08	275 16	240 20	740 21	255 26	245 39	255 42	...	...	...	...	...	...
Multan ...	275 04	360 02	335 04	335 10	335 12	305 12	295 27	270 34	275 43	270 50	280 52	275 89	...	...	—	—		
Peshawar ...																		
Quetta ...																		
Sarg-dha ...																		

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry bulb temperatures in °C

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

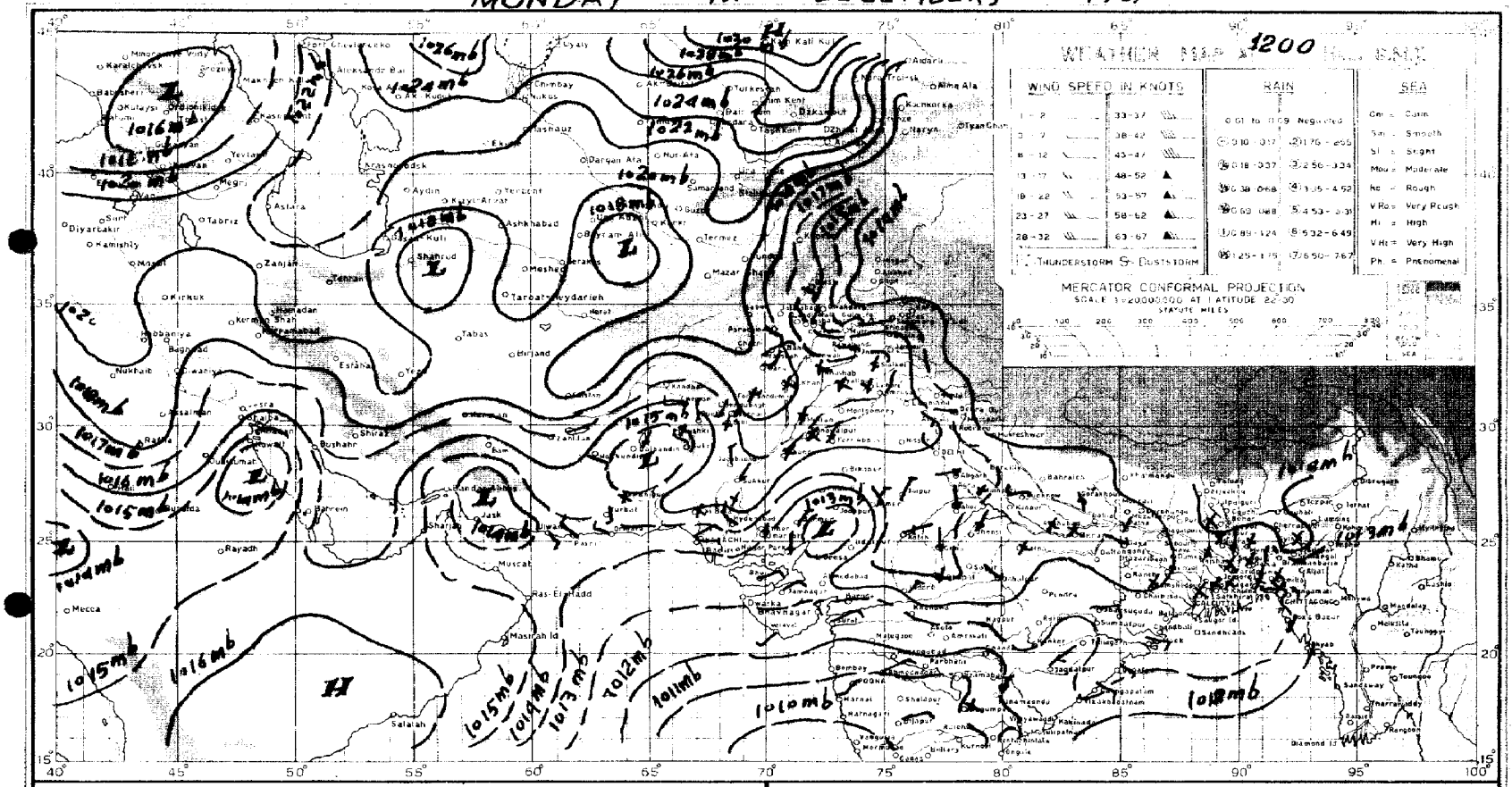
† The actual time of observations may vary within half an hour of the specified time.

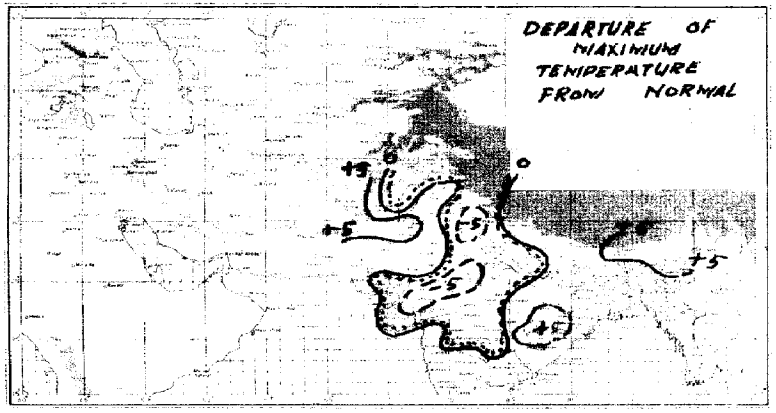
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

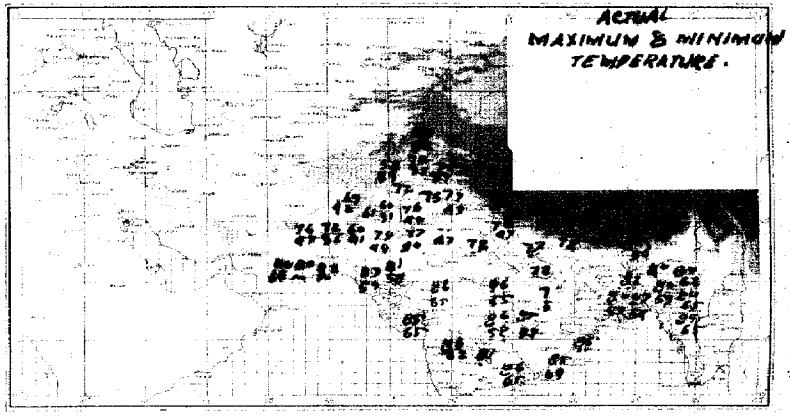
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre I Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 1st DECEMBER, 1969





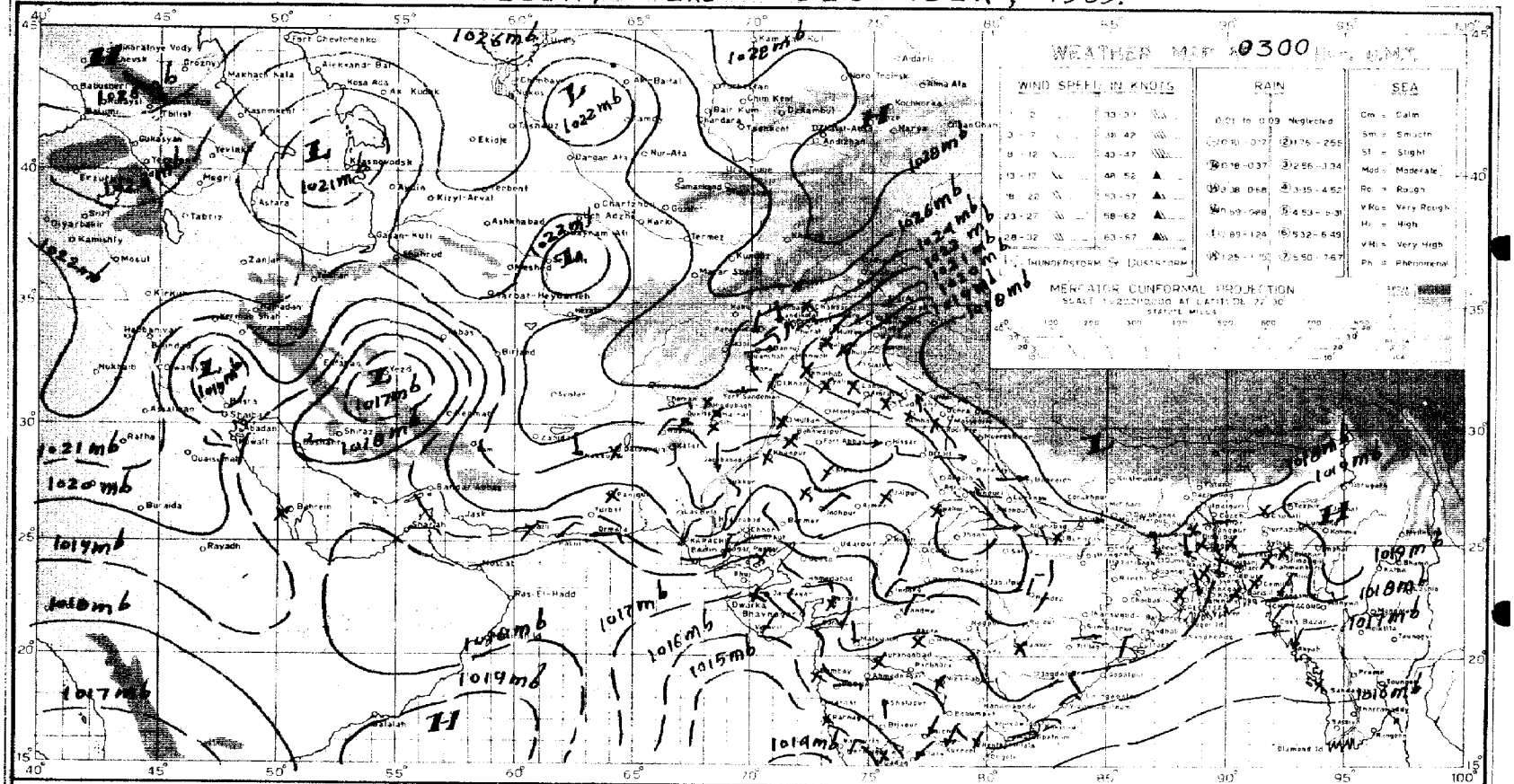


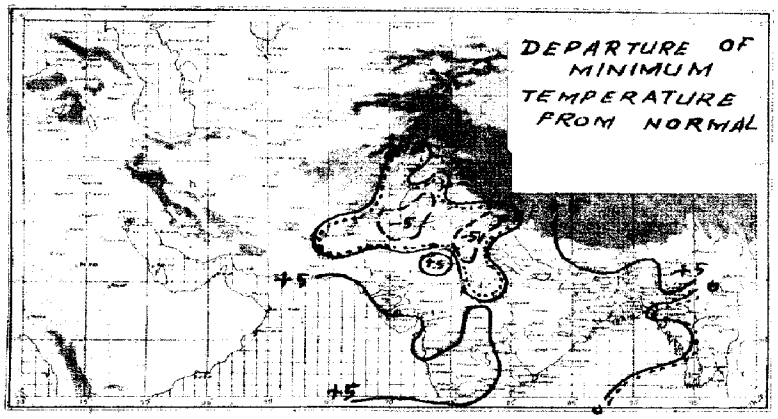
SEC. No. 1024 RWXD 61-1,45,005-63.

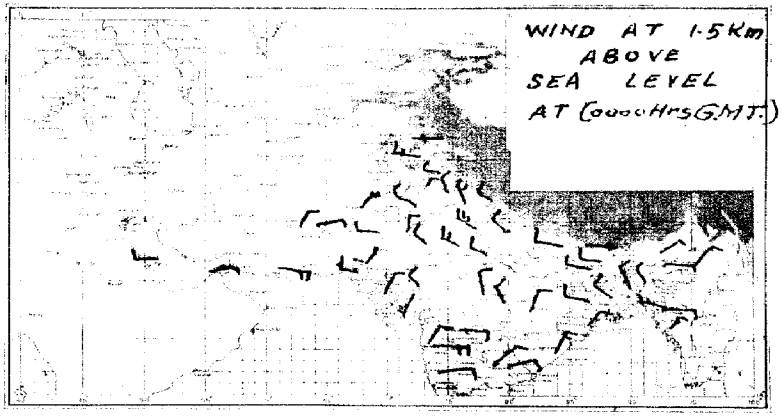
PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 2nd DECEMBER, 1969.







REG. No 1024 RWAD'6F1,45,0 3.

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 3rd DECEMBER 1969.

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

Yesterday's western disturbance northwest of Afghanistan is now moving across east Russian Turkistan. Another western disturbance lies over north central Iran. The trough of low pressure over north Arabian Sea persists. Weather remained dry over the country.

Night temperatures were 3—7 °F (2—4 °C) above normal in Quetta, Kalat, Karachi, Hyderabad divisions and in East Pakistan outside Dacca division and were to the same extent below normal in Lahore, Sargodha, Multan, Bahawalpur and D. I. Khan divisions.

Forecast valid until the evening of 4th December 1969 :—A few falls of light rain/drizzle may occur along Sind Makran coast. Otherwise weather will remain dry over the country.

Karachi-11
The 3rd December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	36	02	95	01	0	144	73	1	1	7	0	0	58	82
	Cox's Bazar	000	0	0	31	03	//	02	0	144	76	0	0	9	0	0	63	80
	Chittagong	000	0	0	00	00	//	02	0	145	73	0	0	9	0	0	64	80
	Maijdee Court	000	0	0	00	00	//	C0	0	133	77	0	0	[illegible]	0	0	58	80
	Comilla	0C0	0	0	00	00	96	02	0	097	76	0	0	9	0	0	64	82
	Brahmanbaria	C00	0	0	00	C0	//	00	1	149	73	0	0	9	0	0	63	80
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	000	0	0	00	00	//	00	0	146	67	0	0	9	0	0	64	80
Dacca	Mymensingh	000	0	0	00	00	//	00	0	155	78	0	0	9	0	0	64	85
	Narayanganj	000	0	1	00	00	56	C1	0	143	73	1	2	6	0	0	63	83
	Dacca (Tezgaon)	000	0	0	36	02	93	C0	0	157	73	0	0	9	0	0	56	78
	Faridpur																	
Khulna	Barisal	000	0	1	00	00	//	C2	0	147	72	0	0	9	0	2	67	80
	Khulna	0C0	0	C	C0	00	97	00	0	135	80	0	0	9	0	0	58	87
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	C00	0	0	00	00	97	02	0	149	72	0	0	9	9	0	60	82
Rajshahi	Pabna	000	0	9	00	C0	//	02	0	//	//	/	/	/	/	/	70	80
	Sirajganj	000	0	0	36	01	//	C0	0	16[illegible]	76	0	0	9	0	0	60	80
	Rajshahi	0C0	0	0	C0	00	94	02	0	155	72	0	0	9	0	0	59	80
	Bogra	000	0	!	27	02	//	01	/	150	72	1	5	5	0	0	60	82
	Dinajpur	C00	0	0	00	00	//	00	0	126	73	0	0	9	0	0	64	82
	Rangpur	000	0	1	00	00	56	01	0	119	63	1	0	9	1	0	56	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	C5	0	173	70	0	0	9	0	0	45	73
	Sialkot	000	0	0	00	00	97	00	0	135	77	0	0	9	0	0	70	78
Rawalpindi	Jhelum	000	0	0	27	00	96	02	0	166	76	0	0	9	0	0	40	77
	Islamabad																	
	Rawalpindi	0C0	0	0	27	03	99	00	0	111	63	0	0	9	0	0	//	70
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	165	70	0	0	9	0	0	60	//
	Sargodha	000	0	0	27	05	97	02	0	169	72	0	0	9	0	0	38	73
	Lyallpur	C00	0	0	00	00	96	00	0	187	70	0	0	9	0	0	47	72
Multan	Sahiwal	000	0	1	00	00	97	03	0	179	72	0	0	9	0	1	41	78
	Multan	000	0	0	36	02	96	//	/	183	73	0	0	9	0	0	43	73
	Leiah																	
Bahawalpur	Khanpur	000	0	0	C0	00	96	00	0	186	72	0	0	9	0	0	45	80
	Bahawalpur	///	0	0	05	02	98	00	0	154	76	0	0	9	0	0	67	76
	Fort Abbas																	
Peshawar	Chakdra	000	0	0	36	02	98	02	0	147	64	0	0	9	0	0	64	65
	Peshawar	000	0	0	00	00	97	02	0	163	66	0	0	9	0	0	49	74
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
D. I. Khan	Bannu	000	0	0	16	02	99	00	1	197	64	0	0	9	0	0	40	76
	D. I. Khan	0C0	0	0	00	00	97	02	0	179	70	0	0	9	0	0	45	75
Quetta	Sibi	0C0	0	0	C0	00	97	82	0	189	80	0	0	9	0	0	62	82
	Nokkundi	000	0	0	00	00	96	01	0	151	73	0	0	9	0	0	43	75
Kalat	Turbat	000	0	0	20	32	96	00	0	///	//	/	/	/	/	/	//	80
	Jiwani	000	0	6	09	10	96	02	2	162	79	6	5	6	0	0	62	82
	Pasni	000	0	4	11	02	97	02	0	172	77	4	0	9	0	0	//	80
Karachi division	Ormara	000	0	4	09	07	96	02	2	175	79		8	6	0	0	67	83
	Lasbela																	
	Karachi (Manora)	000	0	2	07	07	97	02	0	162	81	0	0	9	0	1	46	87
	Karachi (Airport)	000	0	2	09	07	96	01	1	171	80	0	0	9	0	2	43	86
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhor	0C0	0	2	36	03	96	03	0	163	84	0	0	9	0	9	//	88
	Hyderabad	000	0	2	31	05	97	C2	0	177	77	0	0	9	0	1	38	80
	Badin	C08	0	0	36	06	97	02	0	144	85	0	0	9	0	0	41	86
Khairpur	Padidan	000	0	3	36	03	97	02	3	188	70	3	3	9	4	8	30	77
	Nawabshah	000	0	2	31	C5	96	02	0	187	76	2	5	8	0	0	51	80
	Sukkur	000	0	0	13	03	96	02	0	178	77	0	0	9	0	0	45	79
	Kashmore																	
	Jacobabad	000	0	1	31	03	97	02	0	177	76	1	0	9	3	6	35	77
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	58	00	0	530	51	0	0	9	0	0	43	60
Peshawar	Drosh *	000	0	0	05	10	97	02	0	561	54	0	0	9	0	0	//	58
	Cherat *	000	0	0	36	02	98	00	0	543	58	0	0	9	0	0	//	60
	Kakul *	000	0	0	20	02	98	02	0	531	40	0	0	9	0	0	38	64
	Landikotal *	000	0	0	31	05	98	02	0	534	78	0	0	9	0	0	38	64
	Parachinar *	000	0	1	13	02	98	02	0	546	58	0	0	9	0	0	//	63
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	544	72	0	0	9	0	0	//	72
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	528	66	0	0	9	0	0	//	68
	Hindubagh *	000	0	0	23	03	97	02	0	504	54	0	0	9	0	0	45	55
	Loralai *	000	0	0	27	02	98	00	0	390	55	0	0	9	0	0	45	87
	Barkhan *	000	0	0	31	02	97	02	0	491	65	0	0	9	0	0	//	67
	Harnai *	000	0	0	C0	00	96	02	0	415	66	0	0	9	0	0	31	63
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	512	58	0	0	9	0	0	//	59
	Chaman *	000	0	0	27	03	97	00	0	547	63	0	0	9	0	0	//	67
	Nushki *	000	0	5	C0	00	97	03	0	593	69	0	0	9	0	2	36	70
	Dalbandin *	000	0	6	00	00	96	03	0	540	70	0	0	9	3	0	//	72
Kalat	Kalat *	000	0	0	18	02	96	00	2	600	55	0	0	9	0	0	52	60
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *																	

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	5	1	36	02	97	01	4	166	69	1	1	7	0	0	64	65
	Cox's Bazar	C00	0	0	09	06	96	03	0	165	73	0	0	9	0	0	60	//
	Chittagong	000	0	0	05	05	97	02	0	175	73	0	0	9	0	0	64	60
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Comilla	C00	0	0	00	00	96	02	0	168	69	0	0	9	0	0	60	64
	Brahmanbaria	C00	r	0	36	02	97	03	0	178	73	0	0	9	0	0	64	62
	Sylhet	000	0	0	00	C0	96	C2	0	173	71	1	3	6	3	0	57	59
	Srimangal	000	0	0	00	C0	96	C0	0	177	73	C	0	9	C	0	64	51
Dacca	Mymensingh	C(0	r	0	01	02	97	00	0	168	73	0	0	9	0	0	60	//
	Narayanganj	0CC	0	2	00	00	97	01	2	175	69	2	0	9	0	0	62	60
	Dacca (Tezgaon)	000	0	0	34	02	97	C0	0	185	73	0	0	9	6	0	64	56
	Faridpur																	
Khulna	Barisal	C00	n	0	31	02	56	72	0	176	69	0	0	9	0	8	64	59
	Khulna	000	0	0	10	00	96	03	0	173	73	0	0	9	0	0	62	62
	Satkhira	CC0	0	0	00	00	97	00	0	167	69	0	0	9	0	0	//	//
	Jessore	0C0	0	0	36	05	97	02	0	184	69	0	0	9	0	0	59	58
Rajshahi	Pabna	080	0	0	31	12	97	02	0	181	69	0	0	9	0	0	64	60
	Sirajganj	000	0	0	36	01	98	00	0	179	69	0	0	9	0	0	62	62
	Rajshahi	000	0	0	00	00	97	02	0	185	64	0	0	9	0	8	58	58
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	0	0	C0	00	96	00	0	187	69	C	0	9	0	0	60	58
	Rangpur	C00	0	0	00	00	96	01	0	173	65	0		9	0	0	60	54
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	200	47	0	0	9	0	0	35	40
	Sialkot	0C0	0	0	00	00	//	0C	0	172	51	0	0	9	0	0	47	31
Rawalpindi	Jhelum	C00	0	0	00	00	94	10	0	201	45	0	0	9	0	0	38	40
	Islamabad																	
	Rawalpindi	000	0	0	00	00	96	10	0	208	35	0	0	9	0	0	//	35
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	C0	0	194	43	0	0	9	0	0	35	40
	Sargodha	000	0	1	27	03	96	04	0	197	40	0	0	9	0	1	33	35
	Lyallpur	000	0	0	C0	00	95	C0	0	194	47	0	0	9	0	0	38	40
Multan	Sahiwal	000	3	1	00	00	94	01	4	201	45	1	0	9	0	0	38	40
	Multan	000	0	0	36	01	94	00	0	215	40	0	0	9	0	0	38	38
	Leiah																	
Bahawalpur	Khanpur	000	0	3	18	02	98	02	0	191	50	1	0	9	0	0	48	43
	Bahawalpur	080	0	0	00	00	98	C0	0	169	54	0	0	9	0	0	38	40
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	080	0	5	18	02	97	03	1	202	45	0	0	9	0	0	32	41
	Haripur	000	0	0	00	00	97	00	0	199	51	0	0	9	0	0	32	43
D. I. Khan	Bannu	C00	0	0	27	02	99	00	0	199	49	0	0	9	0	0	27	43
	D. I. Khan	0C0	0	0	C0	00	97	02	0	198	43	0	0	9	0	0	32	40
Quetta	Sibi	C00	0	0	00	00	97	03	1	203	48	4	2	9	4	2	52	42
	Nokkundi	009	0	0	36	04	97	02	0	197	55	8	0	9	0	0	37	53
Kalat	Turbat	000	0	0	11	02	56	C0	0	048	72	0	2	9	0	0	48	65
	Jiwani	000	C	4	36	03	96	01	2	186	69	4	2	6	0	0	59	67
	Pasni	0C0	0	4	11	04	97	02	0	190	70	4	0	9	0	0	62	//
Karachi division	Ormara	C00	0	6	00	00	96	02	2	192	66	4	8	6	0	0	57	//
	Lasbela																	
	Karachi (Manora)	C00	0	5	00	00	96	03	1	188	69	0	0	9	0	8	44	67
	Karachi (Airport)	000	0	7	09	03	96	C3	1	125	65	2	0	9	3	1	41	60
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	112	70	6	6	6	0	0	45	//
	Chhor	000	0	3	00	00	56	03	0	183	56	0	0	9	0	0	32	52
	Hyderabad	000	0	5	36	03	97	02	2	197	61	0	0	9	0	J	42	58
	Badin	C00	0	4	36	04	97	03	C	173	56	0	0	9	0	4	37	54
Khairpur	Padidan	00C	0	3	05	03	96	03	0	200	56	3	0	9	4	0	46	49
	Nawabshah	C00	0	7	00	00	96	02	0	204	53	0	0	9	0	5	47	49
	Sukkur	000	0	4	13	02	93	05	4	195	58	4	0	9	6	0	48	54
	Kashmore																	
	Jacobabad	000	0	0	00	00	96	02	0	193	56	0	0	9	0	0	38	49
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	07	07	98	00	0	536	51	0	0	9	0	0	//	41
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-
	Cherat *	0C0	0	C	36	05	98	C0	0	534	56	0	0	9	0	0	//	45
	Kakul *	0C0	0	0	00	00	98	02	0	529	49	0	0	9	0	0	20	45
	Landikotal *	C00	0	0	36	02	98	02	0	614	45	0	0	9	0	0	27	35
	Parachinar *	C00	0	1	05	03	98	03	0	553	40	0	0	9	0	1	//	35
D.I. Khan	Miranshah *	C00	0	0	05	05	99	00	0	518	47	0	0	9	0	0	47	47
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	31	02	98	02	0	540	39	0	0	9	0	0	//	29
	Hindubagh *	000	0	0	27	02	97	02	0	582	32	0	0	9	0	0	//	23
	Loralai *	00C	0	0	27	02	98	00	0	390	//	0	0	9	0	0	49	56
	Barkhan *	000	0	0	31	05	97	02	0	512	45	0	0	9	0	0	//	40
	Harnai *	000	0	0	00	00	96	02	0	513	53	0	0	0	0	0	25	//
	Samungli (Quetta) *	000	0	7	00	00	96	03	1	571	46	7	5	6	0	0	27	37
	Chaman *	000	0	0	09	03	97	00	0	518	52	0	0	9	0	0	27	47
	Nushki *	000	0	5	07	03	97	03	0	595	60	0	0	9	0	2	32	55
	Dalbandin *	000	0	5	00	00	98	03	1	535	51	1	0	9	3	1	//	41
Kalat	Kalat *	000	0	0	18	02	96	02	2	633	42	0	0	9	0	0	28	32
	Khuzdar *	000	0	6	00	00	96	03	0	541	52	2	0	9	3	7	34	48
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure of Maximum temperature TxTx (37)	Departure of Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	1.6	—	10.2	—
	Cox's Bazar	— 1	— /	—	—	—	140
	Chittagong	0	—	1.2	— 1.0	105.7	108
	Maijdee Court	0					115
	Comilla	+ 1	+ 7	0.5	— 0.8	64.2	94
	Brahmanbaria	—	—	—	—	—	78
	Sylhet		—	—	—	—	—
	Srimangal	— 3	0	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	+ 5	/	1.3	+ 0.4	82.1	91
	Narayanganj	—	—	1.3	—	65.9	74
	Dacca (Tezgaon)	0	— 2	1.6	+ 0.5	58.5	—
	Faridpur						71
Khulna	Barisal	0	0	—	—	—	81
	Khulna	+ 7	+ 4	—	—	—	68
	Satkhira		—	0.2	— 1.6	61.7	65
	Jessore	—	—	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	—	—	1.0	—	66.3	59
	Sirajganj	+ 1	+ 5	0.4	— 0.3	56.6	64
	Rajshahi	+ 2	+ 2	3.0	+ 2.4	70.3	—
	Bogra	+ 3					
	Dinajpur	+ 3	+ 3	0.6	+ 0.3	96.5	69
	Rangpur	— 1	— 1	—	—	—	72
Kashmir	Jammu						84
Lahore	Lahore (Jail Rd.)	— 4	— 2	0.0	— 0.1	18.0	19
	Sialkot	+ 5	— 14	—	—	—	32
Rawalpindi	Jhelum	—	—	0.0	—	31.2	—
	Islamabad						—
	Rawalpindi	— 1	— 4	0.2	— 0.3	33.6	36
	Campbellpur						—
Sargodha	Khushab	/	— 5	0.0	— 0.1	7.8	15
	Sargodha	—	—	0.1	—	20.7	—
	Lyallpur	— 1	— 3	0.0	— 0.1	7.7	12
Multan	Sahiwal	+ 2	— 5	0.0	— 0.1	11.3	10
	Multan	—	—	—	—	—	7
	Leiah						8
Bahawalpur	Khanpur		— 3	0.3	+ 0.2	1.4	6
	Bahawalpur	+ 3	— 5	0.0	— 0.0	2.0	6
	Fort Abbas	—					8
Peshawar	Chakdra	—					—
	Peshawar	+ 4	— 2	0.5	+ 0.2	14.8	11
	Haripur		—	1.0	—	24.0	—
D. I. Khan	Bannu	—	—	0.5	—	3.0	11
	D. I. Khan	0	— 3	0.0	— 0.2	6.0	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—	—	0.0		0.3	2
Kalat	Turbat	—	—	0.0	—	0.2	—
	Jiwani	—		0.0	—	2.0	5
	Pasni	0	/	0.0	— 0.2	0.2	6
Karachi division	Ormara	—	/	0.0	0.0	0.6	6
	Lasbela						8
	Karachi (Manora)	+ 6	+ 4	0.0	— 0.1	1.1	8
	Karachi (Airport)	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	—	—	0.0	—	0.1	—
	Chhor	—	—	—	—	—	7
	Hyderabad	— 2	+ 4	0.0	— 0.1	0.3	9
	Badin	+ 3	—	0.0	— 0.2	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	1.1	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	— 1	0	0.1	0.0	2.8	4
Junagadh	Veraval						20
HILL STATIONS							
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	+ 0	+ 4	1.0	+ 0.1	41.0	59
Peshawar	Drosh *	+ 1					18
	Cherat *	+ 1	0	0.0	+ 0.2	15.0	29
	Kakul *	—	—	1.0	—	34.0	—
	Landikotal *	—	—	1.0	—	34.0	—
	Parachinar *	+ 4	0	0.6	—	22.2	29
D.I. Khan	Miranshah *	—	—	0.0	— 0.0	2.0	13
	Wana *						11
Quetta	Fort Sandeman *	— 3	— 7	0.0	— 0.2	6.5	11
	Hindubagh *	—	—	0.0	—	0.2	—
	Loralai *	—	—	0.1	—	0.6	9
	Barkhan *	—	—	0.0	—	1.0	—
	Harnai *	—	—	0.0	— 0.3	5.6	14
	Samungli (Quetta) *	—	—	—	—	—	9
	Chaman *	+ 6	+ 9	0.0	— 0.5	4.7	8
	Nushki *	—	—	0.0	—	2.6	—
	Dalbandin *	+ 3	—	0.0	— 0.1	0.5	4
Kalat	Kalat *	+ 2	+ 5	0.8	— 0.3	2.2	7
	Khuzdar *	—	—	—	—	—	—
	Panjgur *						—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 3rd DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hima/Gtxl	99 2 48	10 6 10	02 1 23	60 9 10	99 0 21	16 9 78	63 4 05	23 6 20			05 0 66	17 8 30	30 5 02	10 5 02
Juwara	99 2 43	10 6 66	02 0 03	80 6 13	98 0 22	17 0 24	00 7 33	13 4 00			05 1 17	12 4 10	30 2 01	07 5 02
Hinea	99 2 51	10 5 91	02 [illegible]	20 2 05	99 0 10	20 0 76	00 0 07	23 2 20			05 2 63	17 8 62	30 2 01	10 3 01

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ ToToTo DoDo	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD (At surface and Standard Isobaric Levels)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	014 174 12	...	500 114 56	142 054 56	582 089 56	751 205 //	957 347 57	227 21 //	...	...	...	...	...
Dacca ...	00 00	016 098 45	...	470 143 59	154 080 60	567 057 61	75/ 187 60	964 355 //	239 555 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 180 25	...	500 104 25	127 014 //	576 141 //	833 291 //	940 331 //	215 5/1 //	...	...	...	...	...
Multan ...	00 00	00/ 990 04	...	500 124 68	130 014 60	577 165 //	71/ 271 //	932 395 //	202 521 //	...	...	...	...	...
Peshawar ...	00 00	977 062 57	...	500 110 50	/// /// //	575 121 //	742 225 //	948 /// //	223 497 //	...	...	...	...	...
Quetta ...		MISDA	...						...	...	...	...	...	...
Sargodha ...	00 00	996 129 56	...	500 074 55	088 011 40	568 191 //	731 281 //	938 385 //	203 515 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_t\Gamma_t\Gamma_t\Gamma_{st}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 125 22	800 078 41	600 023 5/	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 [illegible]	850 116 60	600 022 59	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...										

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	030 08	010 10	355 09	320 06	320 13	310 12	..	...	...
Bogra ...	320 07	305 05	295 03	040 03	310 06	295 23	..	...	...
Chaklala ...		255 12	295 02	310 04	320 05	010 06	285 08	285 05	235 13
Chher ...	020 11	035 12	035 11	250 09	020 13	330 13	270 21	270 17	245 18
Chittagong ...	325 08	330 09	335 11	355 07	290 07	285 11	...	...	...
Cheras ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	035 12	335 12	360 12	045 10	060 10	...	...	...	...
Dacca ...	305 06	305 05	310 05	340 04	350 04		...	...	...
Dalbandin ...	...	...	120 02	150 02	165 03	265 13	280 12	...	
D. I. Khan ...	205 04	225 03	235 03	025 03	050 05	335 10	/// //	305 16	280 15
Drosh ...	...	...	...	045 07	025 07	010 09	355 23		
Fort Sandeman ...	..	..	...	285 01	340 06	305 12	300 18	270 22	255 29
Gilgit ...	...	...	...	255 01	035 01	275 08	285 04	040 09	180 01
Ishurdi ...	.	...	...	...	...		...	...	..
Jacobabad ...	260 05	295 03	335 03	295 06	280 08	291 01	265 17	255 23	240 77
Jessore ...	335 05	335 05	325 04	315 07	315 13	300 13	...	...	...
Jhelum ...	295 07	290 12	290 09	315 10	340 08	010 05	310 24	245 33	280 37
Jiwani ...	010 19	105 18	120 17	100 06	...	...	...	...	...
Karachi ...	065 31	070 40	075 27	095 22	160 14	200 13	165 10	260 08	...
Khanpur ...	...	...	...	...	...			...	...
Khuzdar ...	...	...	..	265 76	235 06	270 12	255 25	255 26	24/ 55
Lahore ...	310 10	305 13	300 13	318 18	310 09	315 19	330 08	320 08	315 07
Multan ...	...	...	...		...			.	...
Nawab Shah ...	320 07	040 07	045 02	045 06	325 09	300 14	260 27	265 27	250 24
Nokkundi ...	...	...	135 06	140 07	170 00	235 18	305 05	295 17	315 24
Panjgur ...	...	...	...	...	...	...	...	...	
Peshawar ...	...	...	...				...	...	
Parachinar ...	...	...	...	055 05	145 09	290 33	300 15	...	280 37
Quetta ...	...	...	...	...	290 04	285 08	245 22	250 32	250 43
Sargodha ...	260 08	285 13	290 12	315 11	340 13	355 10	295 17	285 21	265 29
Skardu ...	...		..	050 01	/// //	...	140 05	...	...
Sylhet ...	180 02	170 03	095 03	090 04	095 05	045 04	..	—	...
Veraval ...	...	...	.	...	...	..	..	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	180 10	180 07	180 06	310 06	305 08	/5/ 50
Bogra ...	345 09	005 04	/// //	060 05	350 51	285 13
Chaklala ...	...	040 03	335 06	340 10	335 07	305 05
Chher ...	040 41	030 08	010 05	005 12	290 10	250 05
Chittagong ...	...	...	...	...	...	...
Cheras ...						
Cox's Bazar ...	020 10	320 09	020 08	105 03	035 02	330 02
Dacca ...	325 11	310 07	320 04	...	305 03	...
Dalbandin ...			170 02	5.5 13	210 21	270 25
D. I. Khan ...	340 08	055 07	015 07	070 07	120 05	120 06
Drosh ...	...		...	045 00	065 06	030 10
Fort Sandeman ...	..	..	...	230 02	245 04	255 28
Gilgit ...	...	...	.	285 03	280 07	300 06
Ishurdi ...	...		...	...	...	...
Jacobabad ...	050 4/	095 05	205 05	235 /7	230 11	270 14
Jessore ...	010 12	010 11	0.5 09	330 78	325 18	320 18
Jhelum ...	330 08	330 08	320 05	330 09	285 06	365 04
Jiwani ...	090 12	120 14	135 14	145 60	165 08	...
Karachi ...	...			...	...	...
Khanpur ...	275 08	300 08	305 05	290 09	279 12	305 08
Khuzdar ...	...	...		185 09	240 06	235 61
Lahore ...	130 13	151 9/	/20 17	320 21	320 16	/40 18
Multan ...	530 07	235 08	245 06	508 66	150 4/	270 10
Nawab Shah ...	080 08	100 06	230 05	330 20	360 02	280 17
Nokkundi ...	...	...	125 04	516 57	105 60	225 07
Panjgur ...	...			...	...	...
Peshawar ...	...	140 06	095 07	005 07	290 10	280 06
Parachinar ...	...	...	...	030 08	075 01	.
Quetta ...				...	205 /3	240 07
Sargodha ...	315 13	320 14	330 11	020 12	360 12	325 17
Skardu ...	...		...	220 03	/// //	..
Sylhet ...	075 04	080 03	100 06	130 07	115 06	275 22
Veraval ...	...	...	...	...	...	..

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	030 03	190 05	/18 05	355 13	340 19	325 20	310 29	310 03	..	...	...
Bogra ...	—									...	...
Chaklala ...	...	315 02	325 11	320 02	315 02	135 04	225 13	245 32	265 35	..	...
Chher ...	075 11	060 09	015 08	351 85	005 09	360 08	...			...	...
Chittagong ...	340 06	340 07	340 08	020 05	160 17	320 21	270 26	280 17	285 19	...	...
Cheras ...	...	...	...	...	...	...	...	...	...	...	—
Cox's Bazar ...	185 09	185 06	185 07	165 12	165 13	170 12	255 06	280 11	280 19	...	...
Dacca ...	300 06	300 05	325 05	065 03	345 02	285 09				...	...
Dalbandin ...	...	—	200 01	225 10	235 18	220 28	240 31	250 36	240 42	—	...
D. I. Khan ...	315 0/	260 05	220 03	185 05	260 05	275 07	215 16	245 19	255 22	...	...
Drosh ...	—	—	...							..	...
Fort Sandeman ...	...	...	—	180 02	225 08	280 22	250 27	250 31	255 33	..	...
Gilgit ...	...	...	—	...	...	...	...	...	...	—	...
Ishurdi ...	..	...		...	..	...	..	...	...	...	..
Jacobabad ...	215 06	235 04	265 06	310 27	290 14	250 09	250 11	...	245 05	..	...
Jessore ...	010 02	325 04	325 10	310 18	285 17	291 07	300 27	295 23	305 24	...	..
Jhelum ...	240 07	330 10	305 11	295 08	335 06	340 04	230 4/	235 21	243 23	...	...
Jiwani ...	090 06	140 06	195 08	195 10	250 11					...	...
Karachi ...	110 09	075 05	005 05	040 03	265 03	220 04	085 21	085 15	080 27	..	
Khanpur ...	180 15	225 19	250 18	305 17	310 23	300 23	230 31	245 50	250 58	—	
Khuzdar ...			...	290 05	270 08	260 12	240 19	250 24	24 21	240 37	
Lahore ...	320 06	310 01	310 11	300 14	320 11	020 08	230 10	240 12	270 11	...	
Multan ...	175 10	205 15	205 19	210 21	235 12	260 06	285 25	260 23	250 74	..	...
Nawab Shah ...	140 04	140 04	260 05	285 05	250 02	240 11	190 21	..	...	...	
Nokkundi ...	...	...	090 09	210 05	225 09	240 14	240 26	240 26	230 24	...	...
Panjgur ...	...			205 04	225 14					...	—
Peshawar ...	...	115 03	020 01	310 06	235 02	225 06	210 21	230 26	240 35	...	—
Parachinar ...	...	...	...	..	...			..	...	.	...
Quetta ...	...	...	..	...	060 15	090 08	095 35	..	...	—	...
Sargodha ...	280 07	285 07	295 07	315 08	320 06	255 17	220 13	260 27	260 37	...	...
Skardu ...				065 03	/// //	200 17	1.0 02	..	215 25	...	...
Sylhet ...	145 05	150 07	135 09	125 07	095 12	080 23	270 24	275 38	285 61	...	...
Veraval ...	...	...	...	...	...		..	...	...	...	..

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	035 14	050 09	030 07	050 06	155 06	230 06	205 18	205 06	205 27	...	...	..	...	...	...	...	...	...
Multan ...	215 08	325 12	235 01	270 09	305 08	300 00	260 16	270 14	280 18	...	—	...	...	...	—	—		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

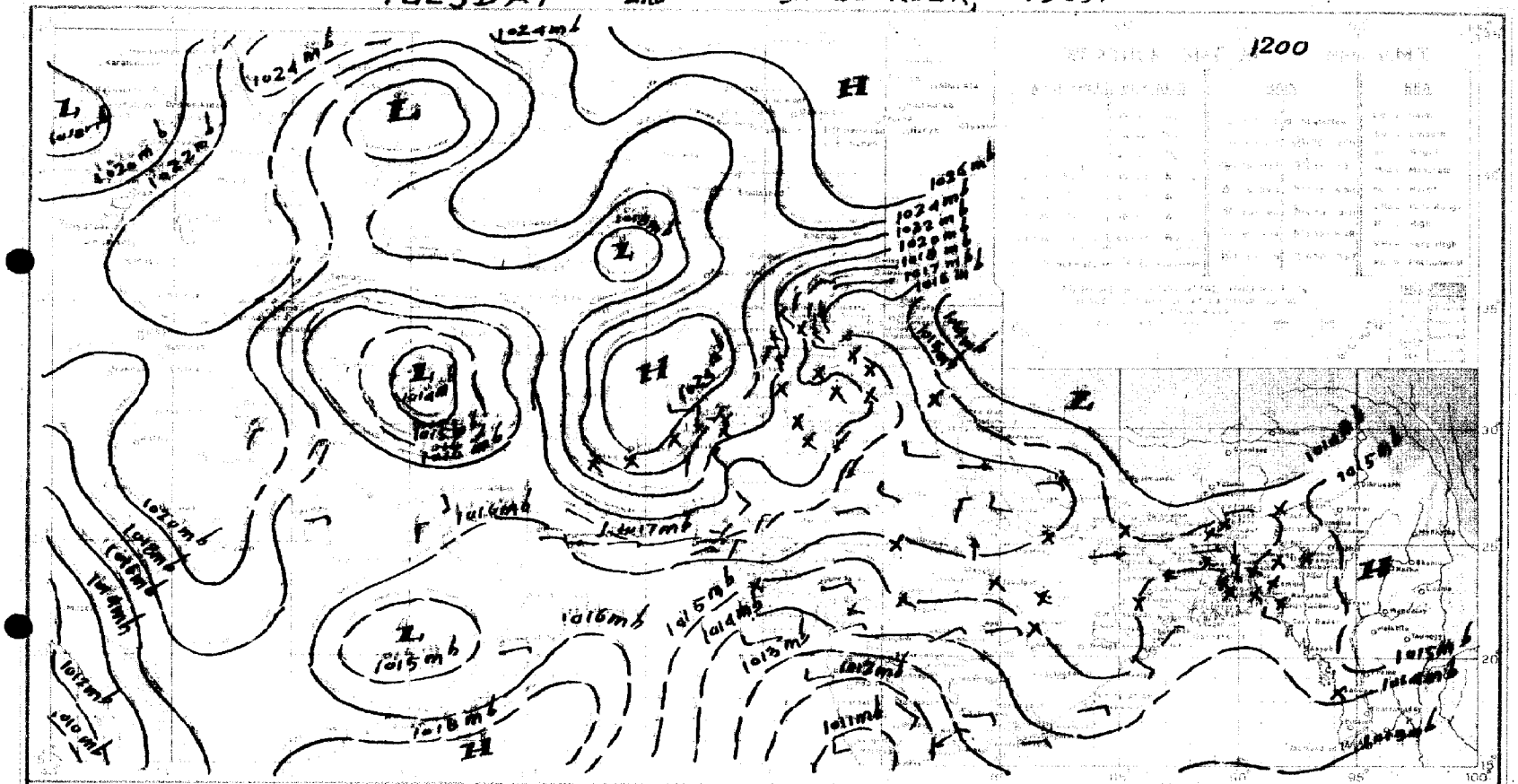
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (D °C) even values indicate positive and odd values indicate negative temperatures.

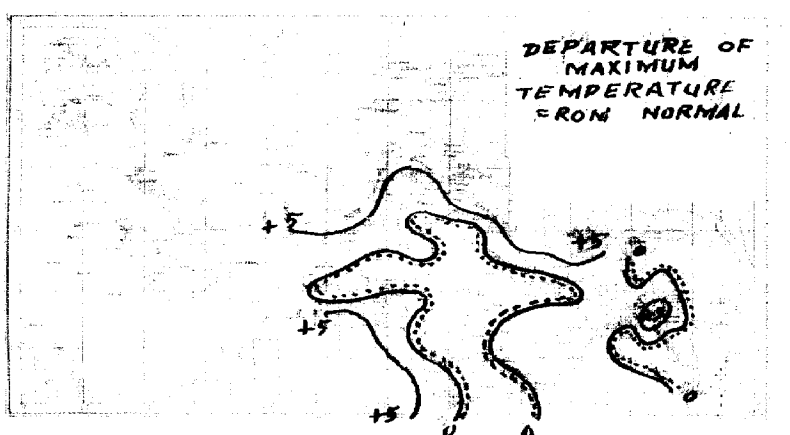
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

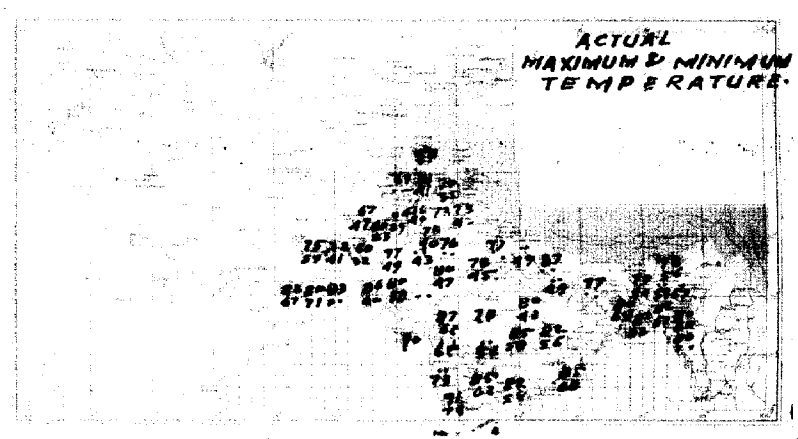
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 2nd DECEMBER, 1969.

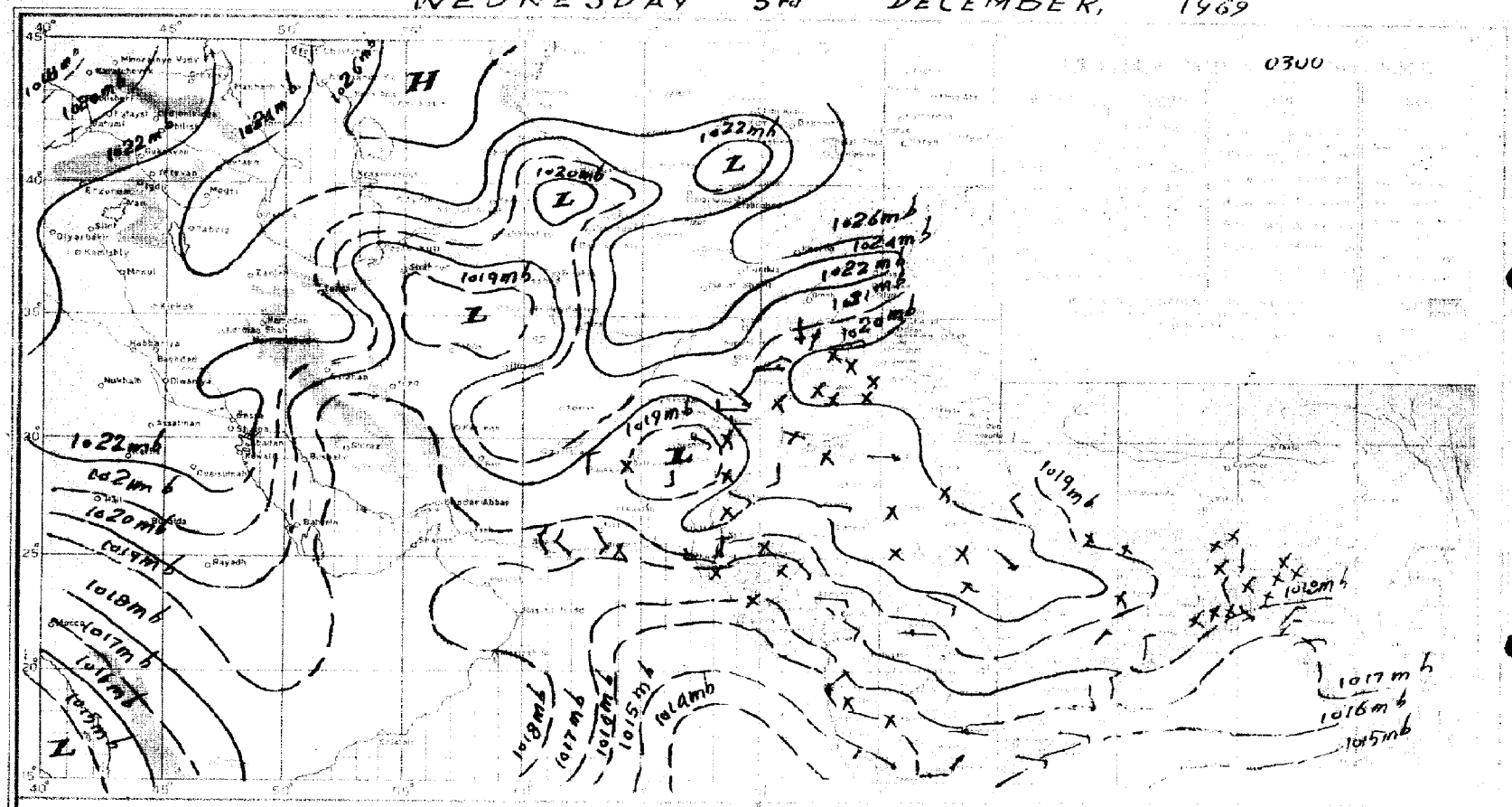


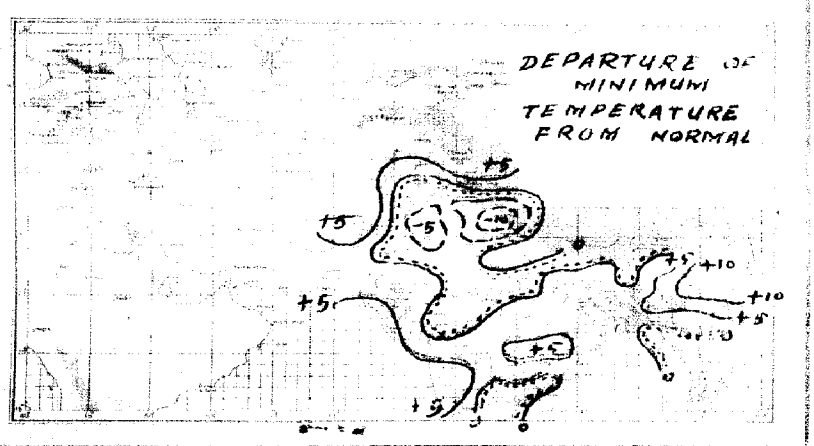


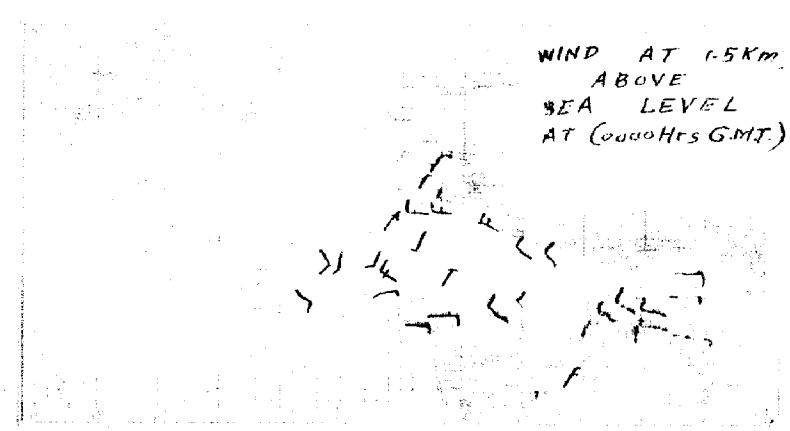


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 3rd DECEMBER, 1969







REG. No. 1024 RWX 061-50 [redacted] 5-10-67

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 4th DECEMBER 1969.

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

Yesterday's western disturbance over east Russian Turkistan is now moving away eastwards. The western disturbance over central Iran is now moving across north west of Afghanistan and has induced a secondary over Kalat and Khairpur divisions. A few falls of light rain/drizzle have occurred in Quetta division. Weather remained dry elsewhere over the country.

Night temperatures were 6—9 °F (3—5 °C) above normal in Quetta and Kalat divisions and 3—5 °F (2—3 °C) so in Chittagong, Rajshahi, Rawalpindi, Bahawalpur and Hyderabad divisions and were 3—5 °F (2—3 °C) below normal in Sargodha division.

Forecast valid until the evening of 5th December 1969 :—Rain/drizzle will be scattered in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and in Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 4th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	31	02	95	01	0	138	75	2	3	7	0	0	62	80
	Cox's Bazar	000	0	0	37	07	//	02	0	139	74	0	0		0	0	64	82
	Chittagong	000	0	0	27	03	//	02	0	137	74	0	0	9	0	0	64	80
	Maijdee Court	000	9	0	00	00	//	00	0	126	77	0	0	9	0	0	56	80
	Comilla	...	...	..	..	...	..	..	...	...	..	..	...	..	..	..	...	...
	Brahmanbaria	000	0	0	01	00	//	00	1	132	73	0	0	9	0	0	64	79
	Sylhet	000	0	5	05	03	//	02	1	126	72	2	2	4	2	0	62	80
	Srimangal	000	0	0	00	00	//	00	0	138	68	0	0	9	0	0	60	82
Dacca	Mymensingh	000	0	2	00	00	//	01	1	136	69	2	4	5	0	0	64	80
	Narayanganj	000	0	0	00	00	//	00	0	161	74	0	0	9	0	0	62	82
	Dacca (Tejgaon)	000	0	1	00	00	96	01	0	136	74	1	0	9	4	0	58	82
	Faridpur	000	0	0	36	02	93	00	0	159	69	0	0	9	0	0	60	79
Khulna	Barisal	...	...	..	...	...	...	...	..	...	..	..	...	..	..	..	...	...
	Khulna	000	0	0	00	00	97	00	0	136	80	0	0	9	0	0	58	67
	Satkhira	000	0	0	00	00	95	00	0	142	69	0	0	9	0	0	33	81
	Jessore	000	0	0	00	00	97	02	0	137	69	0	0	9	0	0	54	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	131	72	/	/	/	/	/	64	79
	Sirajganj	000	0	2	36	01	//	01	1	153	75	2	0	7	2	0	60	80
	Rajshahi	000	0	2	00	00	//	01	1	139	68	2	0	9	3	0	61	79
	Bogra	000	0	2	00	00	//	01	0	128	72	2	4	5	0	0	62	80
	Dinajpur	000	0	0	00	00	//	00	0	131	74	0	0	9	0	0	62	80
	Rangpur	000	0	0	00	00	56	01	0	117	62	0	0	9	0	0	56	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	01	0	152	66	1	0	9	3	1	45	74
	Sialkot	000	0	0	00	00	99	00	0	145	64	0	0	9	0	0	56	75
Rawalpindi	Jhelum	000	0	1	00	00	96	02	0	147	66	0	0	9	0	0	45	74
	Islamabad	000	0	0	00	00	99	00	0	150	66	0	0	9	0	0	38	76
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	—	...	..	—	..	...	—
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	00	0	142	77	0	0	9	0	0	66	80
	Sargodha	003	0	6	18	03	97	03	1	145	72	0	0	9	0	1	49	79
	Lyallpur	000	0	4	00	00	96	02	0	145	72	0	0	9	0	4	49	74
Multan	Sahiwal	000	0	6	18	03	97	03	3	155	72	3	0	9	4	2	40	77
	Multan	000	0	0	36	01	94	00	0	188	77	0	0	9	0	0	35	79
	Leiah																	
Bahawalpur	Khanpur	000	0	6	00	00	97	02	2	151	//	3	0	9	4	2	48	80
	Bahawalpur	000	0	2	00	00	95	00	0	186	82	0	0	9	0	0	72	85
	Fort Abbas	000	0	0	05	02	98	00	0	154	75	0	0	9	0	0	66	75
Peshawar	Chakdra	000	0	6	00	00	96	04	2	148	66	0	0	9	0	2	52	74
	Peshawar	000	0	0	23	02	98	00	0	154	68	0	0	9	0	0	38	74
	Haripur																	
D. I. Khan	Bannu	..	..	..	...	...	..	..	..	..	..	..	..	...	..	..	...	...
	D. I. Khan	000	0	0	00	00	///	02	0	160	56	0	0	9	0	0	43	//
Quetta	Sibi	000	0	2	18	03	97	03	1	149	82	0	2	9	2	0	58	85
	Nokkundi	000	0	2	36	02	96	03	0	129	78	2	0	9	4	0	47	77
Kalat	Turbat	000	0	0	27	02	96	00	0	///	//	/	/	/	/	/	//	//
	Jiwani	000	0	5	13	09	97	02	0	152	79	5	6	5	0	0	48	81
	Pasni	000	0	4	11	02	97	02	0	176	80	4	0	9	0	0	71	82
Karachi division	Ormara	000	0	3	16	07	96	04	4	164	82	3	0	9	0	0	70	85
	Lasbela	///	0	3	00	00	97	00	0	139	88	0	0	7	0	0	39	91
	Karachi (Manora)	000	0	7	18	09	96	02	2	152	83	4	0	9	2	1	54	89
	Karachi (Airport)	000	0	4	00	00	97	03	0	145	79	0	0	9	0	0	61	87
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	211	84	6	6	6	0	0	50	90
	Chhor	000	0	5	05	03	96	03	1	144	84	0	0	9	3	1	61	90
	Hyderabad	000	0	6	00	00	97	03	1	154	81	1	0	9	3	1	40	86
	Badin	000	0	0	36	02	97	00	1	144	85	0	0	9	0	0	37	86
Khairpur	Padidan	000	0	4	13	03	97	03	0	148	78	0	0	9	0	5	40	81
	Nawabshah	000	0	6	00	00	96	02	0	158	79	0	0	9	7	6	48	84
	Sukkur	000	0	4	23	03	93	05	4	165	79	0	4	9	6	0	50	60
	Kashmore																	
	Jacobabad	000	0	3	18	03	97	01	1	147	77	0	0	9	0	2	//	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	...	..
Peshawar	Drosh *	000	0	1	13	05	97	01	0	535	54	0	0	9	0	1	16	58
	Cherat *	000	0	0	36	14	98	00	0	517	58	0	0	9	0	0	//	66
	Kakul *	030	0	4	31	02	98	03	1	599	62	0	0	9	0	0	43	69
	Landikotal *	000	0	4	36	02	98	02	0	634	62	4	3	9	0	0	60	64
	Parachinar *	000	0	1	11	03	98	02	0	530	61	0	0	9	0	/	//	//
D.I. Khan	Miranshah *	...	..	...	...	...	..	...	..		..	...	..	..	..	..	...	...
	Wana *	000	0	0	00	00	99	00	0	506	56	0	0	9	0	0	62	//
Quetta	Fort Sandeman *	000	0	2	31	02	98	01	0	509	66	0	0	9	0	1	//	71
	Hindubagh *	000	0	0	20	03	92	02	0	529	54	0	0	9	0	0	45	55
	Loralai *																	
	Barkhan *	000	0	0	43	02	97	02	0	501	67	0	0	9	0	0	//	73
	Harnai *	000	0	0	00	00	96	02	0	498	68	0	0	0	0	0	//	69
	Samungli (Quetta) *	000	0	4	00	00	96	03	1	428	60	7	5	6	0	0	39	62
	Chaman *	000	0	0	18	05	97	00	0	526	67	0	0	9	0	0	44	67
	Nushki *	000	0	3	00	00	97	02	0	578	72	0	0	9	0	0	41	70
	Dalbandin *	000	0	4	05	06	97	03	0	528	74	0	0	9	3	0	42	76
Kalat	Kalat *	000	0	0	36	02	96	00	2	641	59	0	0	9	0	0	37	62
	Khuzdar *																	
	Panjgur *	000	0	4	23	05	96	//	/	526	75	0	0	9	0	0	51	77

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	4	3	18	02	96	01	4	177	73	2	4	6	0	1	64	65	—	—	1.6	—	10.24	
	Cox's Bazar	...	..	...	...	..	..	...	...	...	...	...	..	...	...	...	...	...	+ 1					140
	Chittagong	000	0	1	00	00	96	03	1	168	69	1	0	9	3	0	64	60	0	0	1.2	— 1.1	105.7	108
	Maijdee Court	000	0	0	00	00	97	00	0	165	72	0	0	9	0	0	59	59	0	— 2	0.0	— 1.6	128.5	115
	Comilla	000	0	0	00	00	96	02	0	160	64	0	0	9	0	0	60	63		+ 6	0.5	— 0.9	64.2	94
	Brahmanbaria	000		0	00	00	96	00	0	168	70	0	0	9	0	0	51	60	—	—	0/0	— 1.1	55.1	78
	Sylhet	000	0	1	05	02	96	01	0	158	69	1	1	6	0	0	62	65	—	—	1.5	—	149.7	—
	Srimangal	000	0	0	00	00	96	00	0	167	65	0	0	9	0	0	69	56	— 1	+ 5	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	000	0	0	00	00	96	00	0	167	60	0	0	9	0	0	69	//	+ 1	/	0.3	— 0.6	77.5	91
	Narayanganj	000	0	0	31	02	97	00	0	167	73	0	0	9	0	0	59	58	+ 2	— 2	1.3	+ 0.4	82.1	74
	Dacca (Tejgaon)	000	0	2	27	01	96	05	0	167	69	2	0	9	3	0	62	60	—	—	1.3	—	66.0	—
	Faridpur	000	0	0	34	02	97	00	0	192	73	0	0	9	0	0	65	56	+ 1	— 2	1.6	+ 0.5	58.5	71
Khulna	Barisal	000	0	0	00	00	96	02	0	170	68	0	0	9	0	0	62	//		/	1.0	— 1.6	65.2	81
	Khulna	000	0	0	00	00	97	00	0	159	75	0	0	9	0	0	62	68	+ 7	+ 7	1.4	+ 0.2	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	177	68	0	0	9	0	0	54	54	— 1	— 1	0.2	— 1.6	61.7	65
	Jessore	0.0	0	0	02	04	96	05	4	170	68	0	0	9	0	0	58	54	—	—	1.1	+ 0.1	62.5	66
Rajshahi	Pabna																		—					
	Sirajganj	000	0	0	36	01	98	00	0	170	68	0	0	9	0	0	59	60	+ 1	+ 3	0.4	— 0.3	56.5	59
	Rajshahi																		+					64
	Bogra	000	0	0	31	02	96	01	0	175	65	0	0	9	0	0	58	59	+ 1	+ 2	1.3	+ 0.5	59.6	69
	Dinajpur																		+ 1					72
	Rangpur	000	0	0	05	02	96	01	0	170	65	0	0	9	0	0	60	54	0	— 1	1.5	+ 1.1	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	5	00	80	96	03	1	173	49	2	0	9	7	1	41	43	— 3	— 1	0.0	— 0.1	18.0	19
	Sialkot	..	..	.	...	...	...	...	—	...	—	...	..	...	..	..	...	...	+ 2					32
Rawalpindi	Jhelum	000	0	6	00	00	96	03	1	175	43	2	0	9	3	2	40	41	—	—	0.0	—	31.2	—
	Islamabad	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					—
	Rawalpindi	000	0	2	00	00	97	00	0	185	40	0	0	9	0	8	35	38		— 1	0.2	— 0.2	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	05	//	98	//	/	190	47	0	0	9	0	0	35	40		— 5	0.0	— 0.1	7.8	—
	Sargodha	000	0	5	27	07	96	02	0	188	44	0	0	9	0	2	43	41	+ 4	—	0.1	—	20.7	15
	Lyallpur	000	0	0	00	00	96	00	0	167	49	0	0	9	0	0	49	43	+ 6	0	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	5	10	34	97	01	2	159	58	2	0	9	4	2	//	43		— 2	0.0	— 0.1	11.3	10
	Multan	000	0	0	36	01	92	00	0	154	43	0	0	9	0	0	40	//	+ 1	/	0.0	—	3.7	7
	Leiah																		—					8
Bahawalpur	Khanpur	000	0	5	23	12	96	03	1	///	56	0	0	9	0	2	48	50	+ 1	+ 4	0.3	+ 0.2	1.4	4
	Bahawalpur	000	0	3	00	00	96	00	0	168	54	0	0	9	0	0	41	43	+ 8	— 2	0.0	— 0.0	2.0	6
	Fort Abbas	..	.	...	...	..	...	...	...	...	—	—	..	...	..	..	...	...	—					8
Peshawar	Chakdra	000	0	2	00	00	96	84	0	175	45	1	0	9	3	1	38	41	+ 4	— 3	0.5	+ 0.2	14.8	—
	Peshawar	000	0	0	05	03	97	00	0	176	51	0	0	9	0	0	27	38	—	—	1.0	—	24.0	11
	Haripur																							—
D. I. Khan	Bannu	000	0	5	27	02	98	03	2	169	49	0	0	9	4	0	33	40		—	////	—	5.0	11
	D. I. Khan	000	0	5	00	00	97	03	0	163	47	5	0	9	4	0	38	43	/	0	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	6	00	00	97	03	1	188	50	6	0	9	4	2	58	48	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	36	02	97	02	0	159	57	/	0	9	0	0	37	54	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	18	00	96	//	/	048	69	/	/	9	0	0	59	//	/	/	0.0	—	0.2	—
	Jiwani	000	0	6	00	00	96	02	2	169	57	6	5	6	0	0	65	65	—	—	0.0	—	2.0	5
	Pasni	000	0	4	29	04	97	02	0	173	69	4	0	9	0	0	59	//	+ 2	—	0.0	— 0.2	0.2	6
Karachi division	Ormara	000	0	5	27	03	96	01	1	163	75	5	0	9	0	0	70	//	—	/	0.0	0.0	0.6	6
	Lasbela	///	0	5	00	00	98	00	0	162	59	0	0	8	0	0	45	48	—	—	0.0		0.4	8
	Karachi (Manora)	000	0	2	00	00	96	03	0	158	71	0	0	9	1	2	60	67	+ 6	+ 4	0.0	— 0.1	1.2	8
	Karachi (Airport)	000	0	6	00	00	96	03	2	152	62	2	0	9	2	1	51	61	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	212	70	6	6	6	0	0	45	70	—	—	0.0	—	0.1	—
	Chhor	000	0	7	00	00	96	03	1	261	57	7	0	9	2	0	40	54	—	—	—	—	0.3	7
	Hyderabad	000	0	8	00	00	97	03	2	158	63	3	0	9	3	8	20	59	+ 4	+ 5	0.0	— 0.1	0.3	9
	Badin	000	0	8	00	00	56	03	0	163	60	0	0	9	0	8	46	58	+ 3	+ 4	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	4	00	00	97	03	0	155	55	0	0	9	0	5	45	51	—	—	0.0	—	0.8	—
	Nawabshah	000	0	4	00	00	96	03	0	161	57	/	4	9	/	/	47	52	—	—	0.0	—	1.1	4
	Sukkur	000	0	6	00	00	93	05	4	156	56	6	0	9	6	0	50	54	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	3	00	00	96	03	0	158	57	3	0	9	5	0	46	//	/	/	0.1	0.0	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							86
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							8
	Gilgit *																							39
Rawalpindi	Murree *	000	0	8	05	03	98	01	1	522	47	0	0	9	8	0	20	41	—	+ 4	1.0	+ 0.1	41.0	10
Peshawar	Drosh *	...	..	..	...	..	..	...			...	...	...	..	...	...	...		+ 1					29
	Cherat *	000	0	0	00	00	98	00	0	510	47	0	0	9	0	0	27	45	+ 7	0	0.6	+ 0.1	15.0	—
	Kakul *	000	0	3	00	00	98	01	1	513	51	2	5	6	0	1	20	47	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	36	02	98	02	0	592	43	8	0	9	0	0	29	32	—	—	0.7	—	13.6	29
	Parachinar *	000	0	6	00	00	98	03	0	520	47	4	5	6	1	0	18	35	/	—	0.0	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	509	43	0	0	9	0	0	32	40	—	—	0.0	— 0.0	2.0	11
	Wana *	000	0	0	00	00	99	00	0	464	50	0	0	9	0	0	//	40	/	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	4	13	02	98	01	0	512	43	0	0	9	4	0	22	38	+ 6	+ 2	0.0	— 0.3	6.5	—
	Hindubagh *	000	0	8	00	00	94	03	0	583	32	/	/	/	/	/	//	56	—	—	0.0	—	0.2	9
	Loralai *																							—
	Barkhan *	000	0	0	23	02	97	02	0	509	53	0	0	9	0	0	//	45	—	—	0.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	485	54	0	0	0	0	0	//	//	—	—	0.0	— 0.3	5.6	9
	Samungli (Quetta) *	000	1	8	00	00	96	20	5	544	43	8	7	6	6	0	40	43	—	—	—	—	—	8
	Chaman *	000	0	0	09	03	96	00	0	525	51	0	0	9	8	0	45	44	+ 6	+ 6	0.0	— 0.5	4.7	—
	Nushki *	000	0	5	00	00	97	03	0	567	60	0	0	9	0	2	34	58	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	4	00	00	98	03	1	501	47	0	0	9	9	5	37	47	+ 7	+ 9	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	13	02	96	00	2	572	41	0	0	9	0	0	//	30	+ 4	+ 3	0.0	— 0.3	2.2	—
	Khuzdar *																							
	Panjgur *	000	0	3	13	02	96	01	0	511	52	3	0	9	3	0	46	50	+ 8	+ 9	0.0	—	0.2	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 4th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rd_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 49	10 6 28	03 1 23	81 2 08	98 0 22	15 5 25	34 4 42	23 7 03			05 3 22	...	30 3 01	13 5 02
Hines	99 2 43	10 6 38	03 0 03	60 8 94	99 0 21	17 1 78	65 / / /	23 7 05			05 1 62	17 9 00	30 2 01	18 5 01
Dumra	99 2 49	10 6 40	03 1 83	21 1 06	98 0 20	17 6 26	24 5 00	23 2 07			00 0 20	...	30 2 01	12 6 62
Anna	99 2 48	10 6 55	03 6 03	60 9 05	20 2 78	00 0 06	23 2 20	...			05 1 59	17 9 27	30 1 01	00 0 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	012 160 08	...	480 06/ 48	083 032 45	577 077 50	747 209 56	530 309 53	221 573 / /	...	...	...	...	...
Dacca ...	00 00	013 190 47	...	470 094 59	110 040 61	578 115 67	746 207 65	953 341 63	226 535 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 190 30	...	500 174 49	164 114 66	592 031 / /	775 135 / /	977 281 / /	259 425 / /	...	...	...	...	...
Multan ...	00 00	000 110 59	...	500 090 57	061 025 15	561 211 / /	723 291 / /	926 351 / /	...	...	...	...	...	...
Peshawar ...	00 00	997 054 30	...	450 124 47	/71 040 47	569 010 74	738 182 / /	946 317 / /	...	...	...	...	...	...
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	993 124 57	...	580 074 56	087 015 56	568 201 / /	732 275 / /	923 391 / /	193 515 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TT T_a DD)									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_t\Gamma_{st}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 088 45	809 // / /	600 011 50	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 135 45	830 058 58	600 025 63	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...										

UPPER WIND DATA

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	—	—	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—	...	...	...
Bogra ...	325 03	335 15	/// //	075 02	310 06	300 39	...	...	...	340 10	355 08	360 07	360 07	050 05	300 17	005 27	360 07	010 06	300 03	105 05	120 08	290 13	...	280 41	...	...
Chaklala ...	...	280 07	305 04	305 03	050 02	225 02	240 17	260 23	255 41	...	...	...	...	...	...	...	305 02	320 04	325 06	325 04	275 04	275 03	285 07	280 11	...	...
Chhor ...	045 05	305 04	050 05	350 02	290 6,	265 16	220 20	240 29	250 34	...	060 04	300 3/	295 04	270 05	230 08	200 10	235 11	240 09	280 06	280 09	285 23	275 29	...	...	...	...
Chittagong ...	230 08	210 09	165 15	155 25	200 14	275 15	...	...	...	170 05	175 06	225 08	281 13	285 08	275 17	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	260 03	265 04	185 06	160 13	155 14	135 29	...	...	...	...	...	...	...	...	...	270 05	285 04	260 04	210 07	220 11	255 28	301 38	280 58	280 47	...	...
Dacca ...	251 00	270 07	290 04	020 04	025 09		...	...	...	...	...	...	...	...	...	265 03	240 09	215 08	240 04	290 05	335 10	300 27	285 33	310 46	...	...
Dalbandin ...	...	...	235 07	220 10	201 2/	220 17	240 21	240 44	245 65	...	...	...	...	...	...	...	...	265 05	300 06	300 12	255 11	255 23	245 67	235 43	...	...
D. I. Khan ...	140 07	155 05	155 08	170 08	200 92	275 08	245 18	265 15	214 / /	—	...	245 0/	045 15	065 21	055 22	085 03	105 05	120 06	110 14	290 07	300 06	225 17	240 20	235 29	...	...
Drosh ...	—	...	...	140 04	020 05	070 03	220 13	250 23	255 28	...	...	...	...	...	...	—	...	...	010 01	058 03	290 00	...	...	...	...	...
Fort Sandeman ...	—	...	...	350 01	320 05	270 13	245 23	245 29	250 40	...	...	...	190 01	025 05	010 05	—	...	—	225 04	235 07	285 16	270 27	270 26	270 26	...	...
Gilgit ...	—	...	...	005 01	155 01	270 02	125 14	130 15	160 14	—	—	...	220 06	185 03	240 38	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	195 04	230 04	250 04	25J 04	255 09	245 18	240 23	235 20	248 22	270 03	265 02	255 04	230 09	235 15	250 21	150 05	165 05	220 07	245 12	275 17	280 20	270 19	270 27	250 28	...	...
Jessore ...	305 06	305 07	305 08	290 07	315 12	290 23	...	...	...	005 11	350 08	350 06	0/0 07	330 06	295 16	340 10	305 05	320 03	320 12	315 17	295 23	295 28	...	295 51	...	...
Jhelum ...	005 02	300 03	295 11	320 13	300 08	260 05	250 18	240 24	245 29	...	...	...	...	...	...	140 02	105 03	080 01	280 06	305 04	315 05	340 10	350 12	350 14	...	...
Jiwani ...	155 07	240 07	245 07	235 04	205 06	...	...	...	...	305 15	290 12	220 12	260 10	—	—	310 08	301 0/	315 12	325 10	285 14	270 21	265 24	...	...	...	...
Karachi ...	090 05	010 02	350 06	320 01	235 05	285 11	...	...	...	...	...	...	...	...	...	300 08	295 11	285 06	250 09	260 12	265 17	260 23	200 20	240 39	...	...
Khanpur ...	215 10	195 1/	215 13	240 14	255 20	200 21	...	...	...	190 10	200 09	220 11	240 12	250 12	245 10	202 2/	235 26	245 35	260 30	305 16	020 13	205 17	...	...	...	...
Khuzdar ...	...	...	...	240 04	245 08	260 11	255 21	250 23	255 23	...	...	...	260 05	270 07	265 13	...	...	...	275 04	290 13	265 23	...	...	...	...	...
Lahore ...	315 02	310 07	310 07	32/ / /	310 10	110 03	275 12	265 11	275 19	335 06	330 09	325 10	320 12	330 13	315 13	095 01	140 03	260 08	275 07	280 08	250 12	210 25	...	—	...	...
Multan ...	175 13	195 15	195 15	195 11	345 03	325 15	230 27	225 25	220 31	180 10	180 12	235 14	255 14	265 26	235 16	190 19	195 23	245 23	245 13	250 17	265 10	250 32	255 43	255 51	...	...
Nawab Shah ...	160 03	185 04	285 04	315 09	270 05	245 11	255 12	—	...	230 10	260 07	255 12	250 1/	240 15		295 05	275 11	275 12	275 18	250 15	260 22	...	...	...	...	...
Nokkundi ...	...	...	160 03	235 06	250 03	265 07	310 11	—	—	...	...	130 04	165 06	215 08	250 10	...	...	305 11	285 03	280 08	250 07	255 26	255 29	260 33	...	...
Panjgur ...	—	...	...	220 09	215 15	255 23	275 29	—	—	...	...	...	095 06	125 07	170 / /	...	...	...	300 10	295 08	270 20	260 23	...	250 22	...	...
Peshawar ...	—	155 04	27/ 03	300 06	255 05	175 07	225 10	24/ 15	—	...	325 04	050 04	360 02	360 02	035 09	...	030 04	015 06	070 03	185 11	230 21	240 27	255 32	225 33	...	...
Parachinar ...	—	...	...	115 52	140 09	245 21	375 15	...	240 21	...	...	...	210 04	050 04	-	...	...	...	155 04	315 06	...	...	...	...	...	...
Quetta ...	...	...	...	...	090 02	170 05	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	130 03	270 19	...	...	...	...	...
Sargodha ...	220 03	275 04	290 06	325 07	310 06	245 11	265 21	260 28	250 34	220 05	205 03	185 02	235 04	280 08	255 06	060 01	215 03	210 07	200 11	210 11	215 20	215 22	...	215 26	...	...
Skardu ...	...	...	...	025 01	/// / /	270 06	280 01	...	...	...	...	...	...	...	...	—	...	...	290 01	/// //	...	250 04	...	...	...	...
Sylhet ...	310 05	325 01	150 02	.	170 01	...	...	—	...	...	...	...	—	...	...	075 04	055 03	210 02	205 09	200 11	090 05	255 37	295 60	285 57	...	...
Veraval ...	...	...	.	...	...	—	—	...	...	...	...	...	—	...	...	...	...	...	...	...	—	...	...	...	...	...

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

Heights in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	285 15	290 12	275 12	265 12	250 15	230 17	255 29	245 37	245 54	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

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

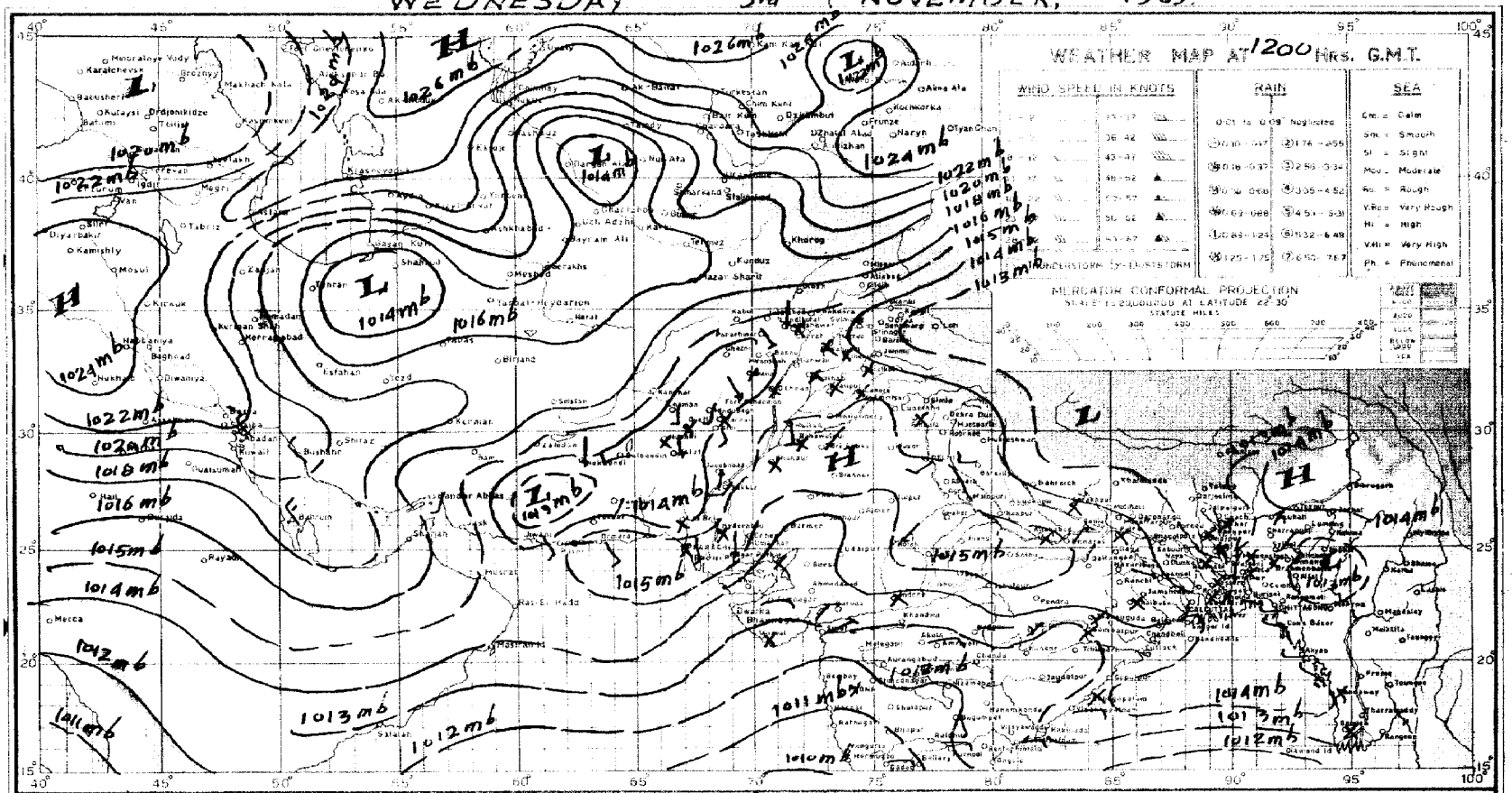
† The actual time of observations may vary within half an hour of the specified time.

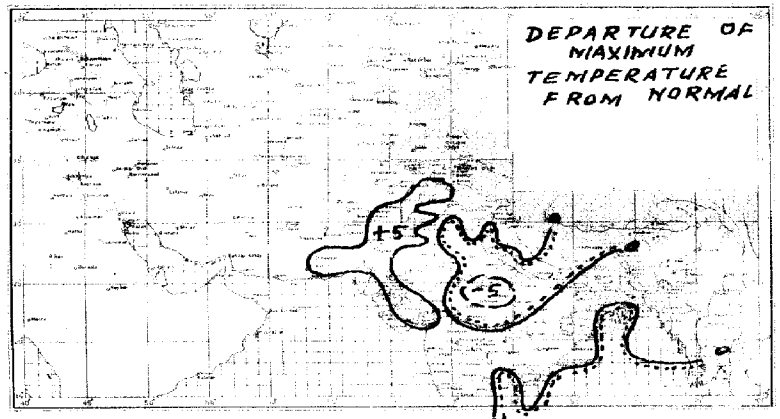
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

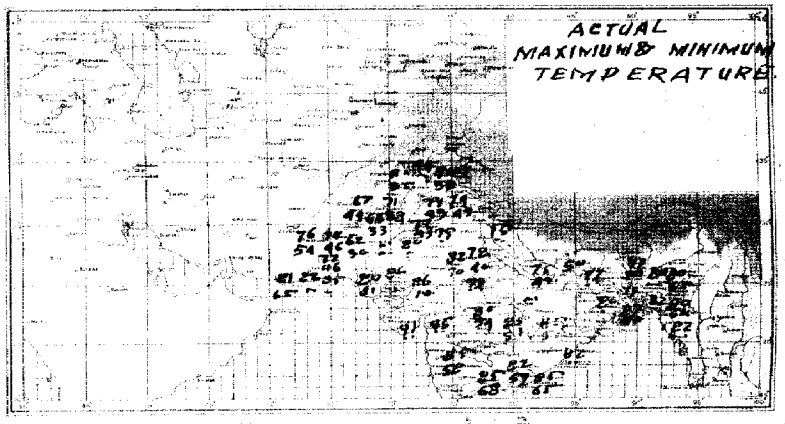
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on the station to the Meteorologist. Weather Centre (Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 3rd NOVEMBER, 1989.





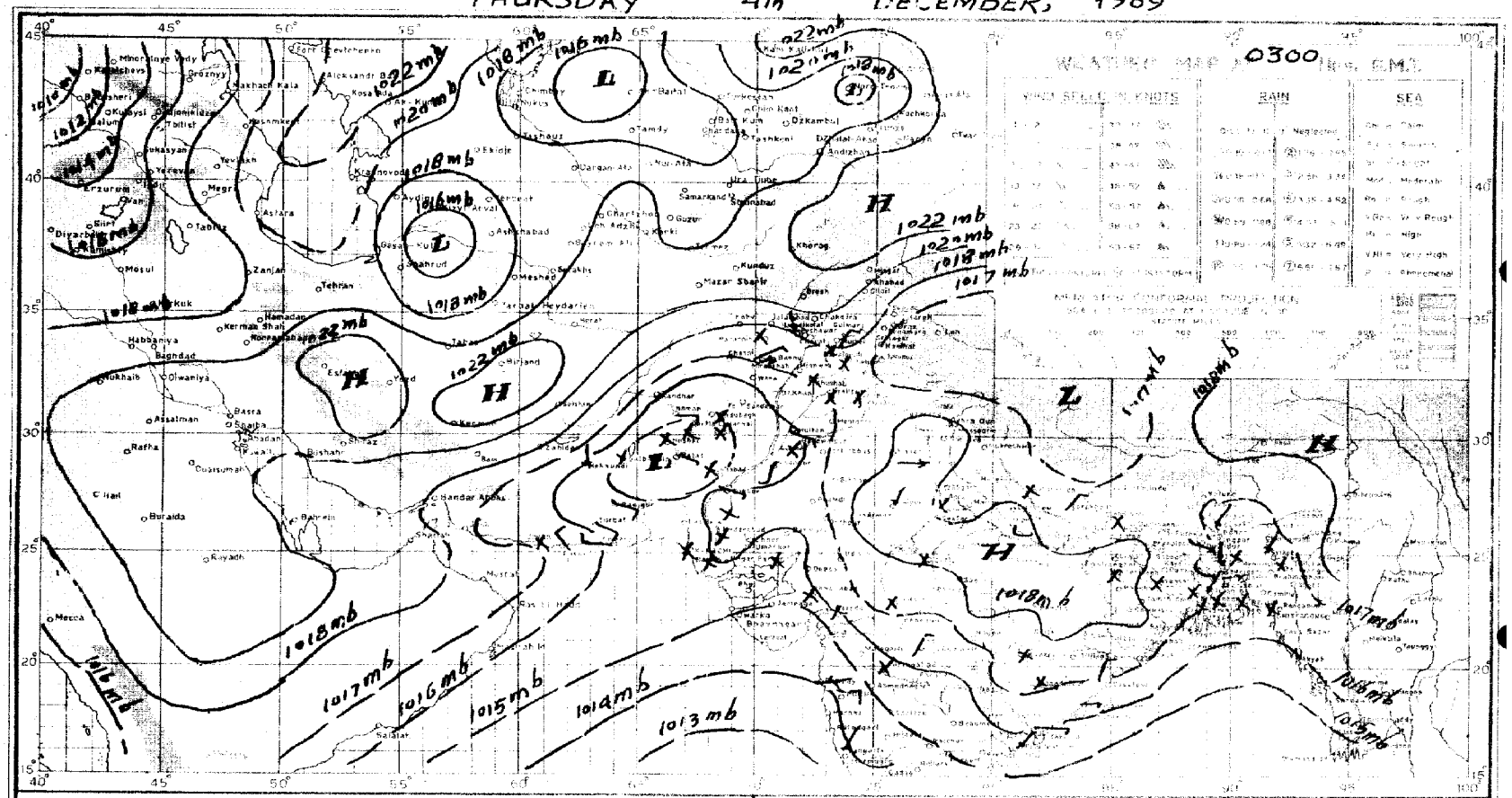


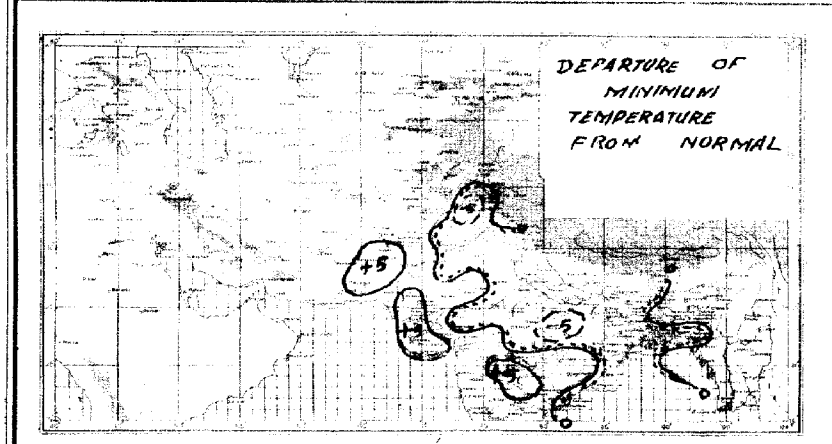
REG. No. 1024 RWXD21-5000'63-5000'67

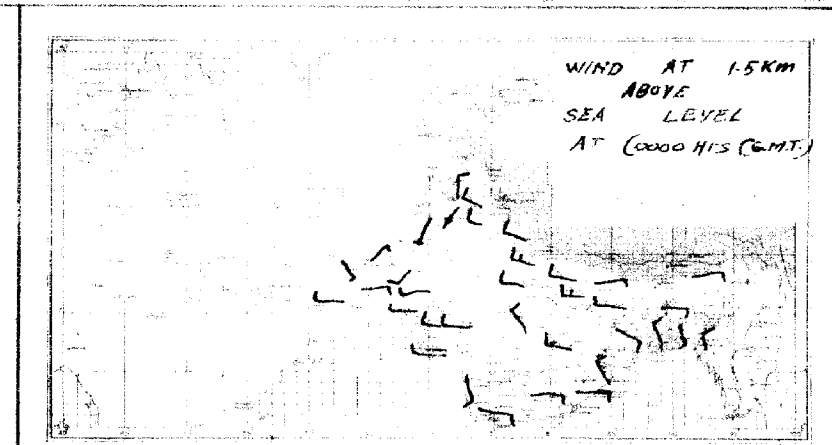
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

THURSDAY 4th DECEMBER, 1969







REG. No. 024 RWXD'61-500 ... 000'67

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 5th DECEMBER 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over northwest of Afghanistan is moving away across north of Kashmir. The trough of low over Kalat division now lies over Rajasthan and adjoining areas. Scattered rain drizzle occurred in Quetta division. Weather remained mainly dry elsewhere over the country. Quetta recorded ¼" of rain.

Night temperatures were 3—7 °F (2—4 °C) above normal in Hyderabad, Karachi, Quetta, Bahawalpur, Rajshahi and Chittagong divisions.

Forecast valid until the evening of 6th December 1969 :—Scattered rain/drizzle is likely to occur in Kashmir. Dry weather will prevail elsewhere over the country.

Karachi-11
The 5th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	31	02	95	01	0	138	76	1	1	7	0	0	59	80
	Cox's Bazar																	
	Chittagong	000	0	1	00	00	//	02	0	134	73	1	0	9	3	0	58	80
	Maijdee Court	000	0	0	00	00	//	00	0	118	78	0	0	9	0	0	58	80
	Comilla	000	0	0	00	00	56	02	0	130	76	0	0	9	0	0	60	80
	Brahmanbaria	000	0	0	00	00	//	00	0	118	78	0	0	9	0	0	58	88
	Sylhet	000	0	3	05	03	//	01	0	122	70	1	5	5	3	0	58	80
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	00	00	//	00	0	130	73	0	0	9	0	0	63	80
	Narayanganj	000	0	0	00	00	//	00	0	129	76	0	0	9	0	0	64	82
	Dacca (Tejgaon)	000	0	5	00	00	96	03	1	125	76	3	0	6	0	1	64	80
	Faridpur	000	0	0	34	02	93	00	0	165	73	0	0	9	0	0	58	78
Khulna	Barisal	000	0	2	00	00	//	02	2	128	70	2	4	5	0	0	63	80
	Khulna	000	0	0	00	00	97	00	0	133	78	0	0	9	0	0	67	85
	Satkhira	000	0	0	00	00	95	00	0	133	70	0	0	9	0	0	70	80
	Jessore	000	0	0	00	00	56	02	0	132	76	0	0	9	0	0	56	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	128	72	/	/	/	/	/	64	80
	Sirajganj	000	0	0	36	00	//	00	0	152	76	0	0	9	0	0	64	80
	Rajshahi	000	0	0	27	00	94	02	0	132	72	0	0	9	0	0	58	80
	Bogra	000	0	2	00	00	//	02	0	126	73	0	0	9	0	0	60	80
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	0	00	00	96	01	0	114	80	0	0	9	0	0	56	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	01	1	138	59	1	0	9	3	1	49	73
	Sialkot	000	0	0	00	00	97	00	0	118	64	0	0	9	0	0	49	73
Rawalpindi	Jhelum	000	0	3	13	02	56	03	1	140	67	0	0	9	0	2	49	76
	Islamabad																	
	Rawalpindi	000	0	3	00	00	//	00	0	149	64	0	0	9	0	6	45	73
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	1	133	76	0	0	9	0	0	64	78
	Sargodha	000	0	6	09	02	97	02	2	135	70	0	0	5	0	2	45	74
	Lyallpur	000	0	4	07	02	96	02	0	136	70	0	0	9	0	4	47	76
Multan	Sahiwal																	
	Multan	000	0	5	00	00	97	03	2	123	73	1	0	9	3	4	43	78
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	5	23	03	96	02	2	113	78	2	0	9	3	2	40	82
	Bahawalpur	000	0	2	00	00	96	00	0	113	78	0	0	9	0	0	67	85
	Fort Abbas	///	/	0	00	00	98	00	0	159	76	0	0	9	0	0	67	76
Peshawar	Chakdra	000	0	7	00	00	97	03	1	120	60	7	0	9	7	0	47	63
	Peshawar	000	0	1	00	00	96	04	1	141	63	1	0	9	3	1	54	70
	Haripur	000	0	0	13	03	97	08	0	133	67	0	0	9	0	0	41	73
D. I. Khan	Bannu	000	0	2	13	02	99	01	1	131	70	0	0	9	0	0	40	73
	D. I. Khan	000	0	0	00	00	97	02	0	131	70	0	0	9	0	0	45	73
Quetta	Sibi	000	0	6	23	03	97	03	1	///	87	4	2	9	4	2	69	85
	Nokkundi	000	0	9	31	03	97	03	0	104	79	2	5	6	0	0	41	90
Kalat	Turbat	000	0	0	27	02	96	00	0	996	84	0	0	9	0	0	69	84
	Jiwani	000	0	4	23	07	96	02	2	132	78	0	0	9	0	1	65	80
	Pasni	000	0	/	25	12	97	02	0	132	79	4	0	9	0	0	76	83
Karachi division	Ormara	000	0	3	27	12	96	04	4	138	78	3	0	9	0	0	71	83
	Lasbela	///	0	2	00	00	98	00	0	102	90	0	0	8	0	0	37	54
	Karachi (Manora)	000	0	4	25	03	97	01	0	122	76	0	0	9	0	4	67	80
	Karachi (Airport)	000	0	7	23	02	56	03	2	121	79	3	0	9	3	1	67	87
Hyderabad	Nagarparker																	
	Chhor	000	0	7	23	03	96	03	1	115	83	3	0	9	1	4	46	90
	Hyderabad	000	0	7	09	02	57	03	1	120	87	3	0	9	3	1	47	94
	Badin	000	0	8	23	01	57	03	0	114	88	0	0	9	0	8	49	91
Khairpur	Padidan	000	0	3	36	02	97	01	0	122	80	0	0	9	0	5	34	84
	Nawabshah	000	0	6	00	00	96	02	2	123	85	0	0	9	0	7	54	87
	Sukkur	000	0	6	13	02	93	05	4	129	84	6	0	9	6	0	53	67
	Kashmore																	
	Jacobabad	000	0	2	36	03	97	01	0	121	78	0	0	9	0	2	48	80
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	07	03	98	00	0	501	49	0	0	9	5	0	30	58
Peshawar	Drosh *	000	0	7	07	02	96	02	2	514	50	7	8	7	0	0	//	52
	Cherat *	000	0	4	16	05	98	01	0	514	58	4	0	5	5	0	27	67
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	4	31	05	98	01	0	632	60	4	3	9	0	0	57	67
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	544	50	0	0	9	0	0	22	72
	Wana *	000	0	0	00	00	99	03	2	455	63	0	0	9	0	0	40	68
Quetta	Fort Sandeman *	000	0	6	27	02	98	03	0	486	65	6	4	7	0	0	33	67
	Hindubagh *	000	0	0	27	03	97	00	0	513	62	0	0	9	0	0	45	67
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	529	71	0	0	0	0	0	40	71
	Samungli (Quetta) *	000	0	6	00	00	96	03	1	407	58	6	7	6	0	0	38	59
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nushki *	000	0	0	27	03	97	02	0	558	70	0	0	9	0	0	38	76
	Dalbandin *	000	0	4	00	00	97	03	0	520	75	0	0	9	3	0	34	77
Kalat	Kalat *	000	0	0	31	02	96	02	2	460	55	0	0	9	0	0	32	60
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	3	00	00	96	01	0	505	75	1	5	7	0	1	51	76

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	5	3	18	02	96	42		177	69	2	2	6	1	0	//	65	—	—	1.6	—	10.24	—
	Cox's Bazar																							140
	Chittagong	000	0	2	09	02	96	01	-	168	49	0	0	9	3	0	60	64	0	— 1	1.2	— 1.1	105.7	108
	Maijdee Court	000	0	5	00	00	96	03	0	146	68	0	0	9	3	2	62	65	0	+ 4	0.4	— 1.3	128.5	115
	Comilla	000	0	0	00	00	96	02	0	160	66	0	0	9	0	0	59	64	— 1	+ 7	0.5	— 1.0	64.2	94
	Brahmanbaria	000	0	0	18	02	56	00	0	166	72	0	0	9	0	0	64	65	—	—	1.3	+ 0.2	55.1	78
	Sylhet	000	0	2	09	03	97	01	0	166	69	2	4	5	0	0	62	64	—	—	1.5	—	149.7	—
	Srimangal	000	0	0	00	00	96	00	0	165	70	0	0	9	0	0	59	54		+ 3	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					91
	Narayanganj	000	0	4	31	02	97	02	1	165	73	4	6	5	0	0	60	60	+ 2	0	1.3	+ 0.3	82.1	74
	Dacca (Tejgaon)	000	0	3	36	02	96	05	0	//	70	3	0	9	4	0	59	62	—	—	1.3	—	66.0	—
	Faridpur	000	0	2	00	00	97	01	1	166	69	2	0	9	0	8	62	60	0	— 2	1.6	+ 0.5	58.5	71
Khulna	Barisal	000	0	0	00	00	97	02	0	166	67	0	0	9	0	8	63	58	0	— 1	0.9	— 0.7	65.2	81
	Khulna	000	0	0	00	00	97	00	0	111	75	0	0	9	0	0	69	59	+ 5	+ 1	1.4	+ 0.2	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	175	66	0	0	9	0	0	58	54	— 2	— 1	0.2	— 1.6	61.7	65
	Jessore	000	0	1	00	00	96	05	0	166	64	1	0	9	4	0	56	52	—	—	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	000	0	0	31	02	57	02	0	165	69	0	0	9	0	0	60	68	—	—	1.0	—	66.3	59
	Sirajganj	000	0	2	36	01	98	02	2	165	69	2	0	7	4	0	56	60	+ 1	+ 3	0.4	— 0.3	56.5	64
	Rajshahi	000	0	4	31	02	97	03	1	152	64	4	4	5	0	0	58	58	+ 2	+ 2	3.0	+ 2.4	70.3	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					69
	Dinajpur	000	0	0	00	00	96	00	0	165	66	0	0	9	0	0	59	58		+ 3	0.8	+ 0.3	96.5	78
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	01	0	182	49	0	0	9	0	0	41	45	— 4	+ 13	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	92	00	0	180	52	0	0	9	0	0	49	36	0	— 9	0.0	— 0.2	11.5	33
Rawalpindi	Jhelum	000	0	4	00	00	96	01	1	183	50	2	5	6	3	0	43	42	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	2	00	00	97	01	2	191	46	2	0	9	3	0	43	40	+ 2	+ 1	0.2	— 0.2	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	4	00	00	97	05	0	178	49	0	0	0	0	0	45	45	+ 2	0	0.0	— 0.1	7.8	15
	Sargodha	000	0	3	00	00	94	04	0	185	46	3	0	9	3	0	45	43	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	95	00	0	186	49	0	0	9	0	0	38	43	+ 3	0	0.0	— 0.1	7.7	13
Multan	Sahiwal																							10
	Multan	000	0	1	36	02	97	02	1	179	49	0	0	9	0	0	40	45	+ 2	0	0.0	— 0.1	11.3	7
	Leiah	000	0	0	36	00	92	00	0	212	45	0	0	9	0	0	38	40		—	0.0	—	3.7	8
Bahawalpur	Khanpur	000	0	5	34	03	96	02	2	179	56	0	0	9	0	1	41	49	+ 3	+ 3	0.3	+ 0.2	1.4	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					8
	Fort Abbas	000	0	0	05	02	98	00	0	202	56	0	0	9	0	0	45	54	—	—	0.0	—	0.8	8
Peshawar	Chakdra	000	0	2	05	07	98	03	0	182	38	0	0	9	0	4	30	36	—	—	0.0	—	23.2	—
	Peshawar	000	0	7	18	03	97	03	1	198	46	1	0	9	3	1	38	43	0	0	0.5	+ 0.1	14.8	11
	Haripur	000	4	6	05	02	97	03	2	207	54	6	0	9	0	0	38	45	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	3	31	02	98	02	1	200	47	0	0	9	4	0	36	45	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	189	56	0	0	9	0	0	//	46	— 2	+ 3	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	2	00	00	97	03	0	170	52	0	2	9	2	0	56	51	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	36	02	//	//	/	181	55	0	0	9	0	0	34	53	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	020	62	0	0	9	0	0	59	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	1	36	07	97	02	0	152	65	0	0	9	0	1	63	64	—	—	0.0	—	2.0	5
	Pasni	000	0	4	29	02	97	02	0	140	65	4	0	9	0	0	65	//	+ 3	/	0.0	— 0.2	0.2	6
Karachi division	Ormara	000	0	4	00	00	96	01	1	152	68	4	0	9	0	0	66	//	—	/	0.0	0.0	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	5	00	00	95	01	0	151	67	5	0	9	/	0	63	67	—	+ 4	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	5	00	00	96	03	0	157	62	0	0	9	0	1	58	61	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker																						1	—
	Chhor	000	0	6	00	00	56	03	0	163	60	0	0	9	3	1	46	57	—	—	0.0	—	0.3	7
	Hyderabad	000	0	7	34	05	97	03	2	159	64	4	0	9	3	1	53	62	+ 12	+ 8	0.0	— 0.1	0.3	9
	Badin	000	0	/	23	01	56	03	0	141	64	0	0	9	0	4	57	63	+ 8	+ 9	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	4	36	02	96	03	0	162	56	0	0	9	0	5	45	51	—	—	0.0	—	0.8	—
	Nawabshah	000	0	7	00	00	56	03	1	168	55	0	0	9	0	6	49	54	—	—	0.0	—	1.1	4
	Sukkur	000	9	6	13	05	95	03	2	161	61	6	0	9	6	0	42	55	—	—	0.0	—	0.1	—
	Kashmore																							
	Jacobabad	000	0	0	09	02	96	02	0	167	60	0	0	9	0	0	44	51	+ 2	+ 2	0.1	0.0	2.8	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							56
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							3
Rawalpindi	Murree *	000	0	6	07	27	97	02	1	527	46	4	5	4	5	0	//	41	+ 6	+ 4	1.0	+ 0.1	41.0	59
Peshawar	Drosh *	000	0	1	00	00	97	01	0	547	41	0	0	9	0	1	62	//	— 2	/	0.4	—	16.0	10
	Cherat *	000	0	0	36	14	98	00	0	539	52	0	0	9	0	0	19	41	+ 8	— 4	0.4	+ 0.1	15.0	29
	Kakul *	000	3	5	29	02	99	01	6	523	49	2	5	6	3	8	30	46		—	1.0	—	34.0	—
	Landikotal *	000	0	4	36	02	98	01	0	596	36	4	3	9	0	0	36	//	—	/	0.7	—	13.6	—
	Parachinar *	000	0	2	30	20	98	02	8	541	38	3	0	9	3	0	35	34	—	— 1	0.0	—	22.2	29
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	584	47	0	0	9	0	0	30	43	—	—	0.0	— 0.1	2.0	13
	Wana *	000	0	0	00	00	99	00	0	464	49	0	0	9	0	0	//	40	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	13	02	98	02	0	576	44	0	0	9	0	0	22	43	+ 2	+ 7	0.0	— 0.2	6.5	11
	Hindubagh *	000	0	0	23	03	97	02	0	582	36	0	0	9	0	0	22	28	+ 6	—	0.0	—	0.2	—
	Loralai *																							9
	Barkhan *																							—
	Harnai *	000	0	0	00	00	96	02	0	513	53	0	0	0	0	0	25	43	/	/	0.0	— 0.3	5.6	14
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	553	43	0	0	9	0	0	32	45	—	—		—	—	9
	Chaman *	000	0	0	09	03	97	00	0	540	47	0	0	9	0	0	33	56	—	+ 7	0.0	— 0.6	4.8	8
	Nushki *	000	0	0	07	05	97	02	0	577	58	0	0	9	0	0	31	43	—	—	0.0	—	2.6	—
	Dalbandin *	000	0	0	00	00	98	02	0	515	45	0	0	9	0	0	32	25	+ 8	+ 7	0.0	— 0.1	0.5	4
Kalat	Kalat *	000	0	0	18	03	96	00	2	524	33	0	0	9	0	0	14	25	+ 2	— 2	0.0	— 0.3	2.2	7
	Khuzdar *	000	0	0	00	00	96	02	0	518	48	0	0	9	0	0	31	47	+ 7	—	0.3	—	3.5	—
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 5th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kampala	99 2 32	10 6 64	04 0 03	73 4 03	99 0 20	15 6 26	70 7 80	23 7 05			05 4 22		3/ 1 /1	07 3 01
Dumra	99 2 49	10 6 40	03 1 83	21 1 96	98 0 30	17 6 26	24 5 00	23 2 07			0/ 0 20		30 2 01	10 5 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 166 09	...	495 064 00	116 078 57	583 053 33	752 193 56	959 359 50	228 579 //	...	...	...	...	...
Dacca ...	00 00	013 198 27	...	400 070 56	054 015 56	573 093 //	743 195 //	951 320 57	228 477 //	—	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	099 200 30	...	500 140 30	120 064 27	582 055 //	753 165 //	963 32/ //	443 441 //	...	...		...	...
Multan ...	00 00	001 090 50	—	450 086 25	077 005 //	569 151 //	735 231 //	941 331 //	...	...	...	...	...	...
Peshawar ...	00 00	977 062 37	...	482 048 39	035 300 60	560 119 //	724 929 5/	818 417 //	191 91///	...	...	...	...	...
Quetta ...	00 00	823 060 32	...	—	094 045 //	565 223 //	725 351 //	921 463 //	...	...	...	...	...	...
Sargodha ...	00 00	995 120 40	...	600 070 50	063 810 5/	721 271 //	932 411 //	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	800 098 44	600 020 56	...	...	...	...	...	...	...	—	—
Dacca ...	00 00	900 108 53	800 050 56	600 005 50	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	—	...	...	...	...	...	...	...				

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	3	4	5	6	7	8	9	10
Barisal	335 07	355 08	/// //	360 01	350 10	300 19	290 23	—	...
Bogra	270 05	305 03	340 03	055 04	030 04	280 15	...	...	...
Chaklala	...	200 03	190 02	200 13	130 03	230 18	255 23	260 33	...
Chhor	333 00	728 56	730 01	245 07	/25 51	250 15	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	275 06	290 04	055 05	125 09	220 03	285 05	...	...	...
Dacca	295 04	310 05	300 07	300 10	310 10	...	...	...	...
Dalbandin	...	...	085 04	115 01	280 02	195 09	230 10	...	...
D. I. Khan	125 05	115 08	/// //	140 03	275 08	155 06	265 12	270 26	265 33
Drosh	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	265 06	213 33	270 15	270 24	...	...
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...
Jacobabad	335 02	300 00	300 03	26/ 04	240 06	265 20	260 25	265 20	265 37
Jessore	310 07	315 01	/// //	340 07	350 08	325 17	...	...	...
Jhelum	140 04	180 06	190 5/	205 05	345 02	350 04	255 16	250 31	255 33
Jiwani	260 09	300 06	310 08	300 08	320 16	280 22	270 27	270 27	255 27
Karachi	250 10	285 08	360 04	245 06	240 08	265 09	285 16	...	285 18
Khanpur	23/ 12	230 15	240 19	250 09	285 14	220 06	...	...	...
Khuzdar	...	...	...	290 04	300 06	275 15	...	...	...
Lahore	110 01	160 02	180 02	285 06	110 01	230 03	180 02	255 33	325 04
Multan	175 09	200 09	/// //	250 08	250 07	250 19	270 42	...	...
Nawab Shah	255 07	250 08	245 07	365 12	270 16	285 18	...	...	...
Nokkundi	...	...	105 06	140 04	200 05	230 11	280 63	—	—
Panjgur	—	...	...	345 01	275 10	260 17	275 22	—	...
Peshawar	—	050 03	080 04	145 06	200 09	220 17	215 19	...	...
Parachinar	...	...	...	230 05	165 04	250 39	260 15	...	245 49
Quetta	...	...	...	...	095 02	270 25	...	...	...
Sargodha	085 05	115 06	150 06	195 05	165 06	240 09	265 22	270 25	275 25
Skardu	...	...	...	...	...	...	...	...	...
Sylhet	230 04	225 04	210 02	215 08	185 09	010 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 1	11	12	13	14	15	16
Barisal	340 07	320 07	305 06	250 06	305 15	285 17
Bogra	330 06	340 04	230 03	190 12	275 13	280 25
Chaklala	...	...	...		...	...
Chhor	255 05	245 09	185 03	270 00	250 12	270 9/
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...
Dacca	328 10	280 08	250 05	...	215 07	...
Dalbandin	...	...	060 10	061 40	035 03	325 07
D. I. Khan	240 08	235 06	340 03	350 01	300 05	275 08
Drosh	...	...	...	005 01	025 01	035 15
Fort Sandeman	...	...	...	27s 02	320 13	315 20
Gilgit	...	...	...	040 01	090 05	155 05
Ishurdi	...	...	...	...	...	...
Jacobabad	020 07	355 05	311 03	250 05	255 13	245 11
Jessore	290 07	295 08	295 09	270 08	275 12	310 19
Jhelum	335 05	335 04	280 04	285 06	300 09	315 10
Jiwani	290 08	310 11	305 08	045 06	060 07	235 09
Karachi	...	...	...	...	...	...
Khanpur	215 18	225 11	230 13	215 12	345 05	260 16
Khuzdar				290 03	300 06	230 11
Lahore	090 07	075 06	068 04	305 04	315 06	310 08
Multan	005 12	360 12	305 04	295 11	265 10	315 04
Nawab Shah	360 10	345 08	215 07	165 05	065 05	245 10
Nokkundi	...	...	/00 9/	165 08	160 08	175 07
Panjgur	...	...				
Peshawar	...	320 04	329 08	330 07	340 06	300 06
Parachinar	...	...	...	245 03	150 02	—
Quetta	...	...	...	...	...	...
Sargodha	105 07	045 04	/// //	305 06	255 12	270 15
Skardu	...	...	...	/10 01	// //	...
Sylhet	155 07	200 01	140 01	185 05	205 08	240 12
Veraval	...	...	...	—	...	—

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	.5	26	27
Barisal	3?0 07	300 07	300 08	330 06	325 07	300 13	275 15	280 23	275 33	270 41	...
Bogra	3?5 06	315 06	315 05	235 03	245 05	285 25	280 33	245 39	273 9/	...	...
Chaklala	...	150 3/	310 04	245 02	185 03	215 02	275 07	...	...	...	...
Chhor	045 04	050 01	060 03	040 04	030 07	015 11	...	...	...	...	...
Chittagong	015 08	200 03	200 05	255 05	220 04	250 07	260 28	265 45	265 47	...	...
Cherat	...	...	...	...	—	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	295 08	295 08	280 05	270 03	265 07	290 18	/20 31	275 27	275 29	...	...
Dalbandin	...	...	070 09	075 15	010 11	310 06	305 15	010 27	31/ 29	...	...
D. I. Khan	...	...	...	...	...	...		...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	290 07	320 16	285 27	295 30	310 39	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	100 19	105 13	060 12	015 12	050 09	200 04	190 13	290 23	290 23	...	...
Jessore	280 03	300 08	300 10	300 13	290 14	295 18	290 17	270 19	275 21	...	...
Jhelum	295 05	310 09	310 08	345 07	320 09	250 08	250 20	260 29	265 34	...	...
Jiwani	355 10	030 08	050 09	065 11	095 09	335 11	275 09	275 11	315 06	...	...
Karachi	350 08	050 13	045 10	125 07	130 05	240 11		...	...		...
Khanpur	252 6/	035 28	010 27	/50 58	350 08	330 08	310 11	...	...	...	...
Khuzdar											
Lahore	090 01	355 03	330 03	310 06	305 07	285 05	280 09	265 24	265 27	...	...
Multan	011 5/	030 18	025 20	025 26	015 34	355 10	250 18	295 29	290 38	...	...
Nawab Shah	030 08	020 08	055 03	125 06	165 07	270 16	275 24	...	...	...	...
Nokkundi	...	...	135 03	040 02	230 03	330 07	310 24	310 23	300 29	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	210 01	33/ /6	335 11	320 05	275 11	315 19	275 23	285 26	...	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...
Sargodha	275 01	340 01	310 02	325 04	300 03	320 06	295 19	275 21	270 23	...	...
Skardu					340 06	245 09	220 13	225 20	01/ /5	...	...
Sylhet	115 02	170 02	195 02	190 05	005 04	350 01	280 45	...	...	...	...
Veraval	...	...	...	...	...	—	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	45.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	290 19	290 14	290 12	290 11	260 10	260 09	255 18	260 27	255 31	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

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

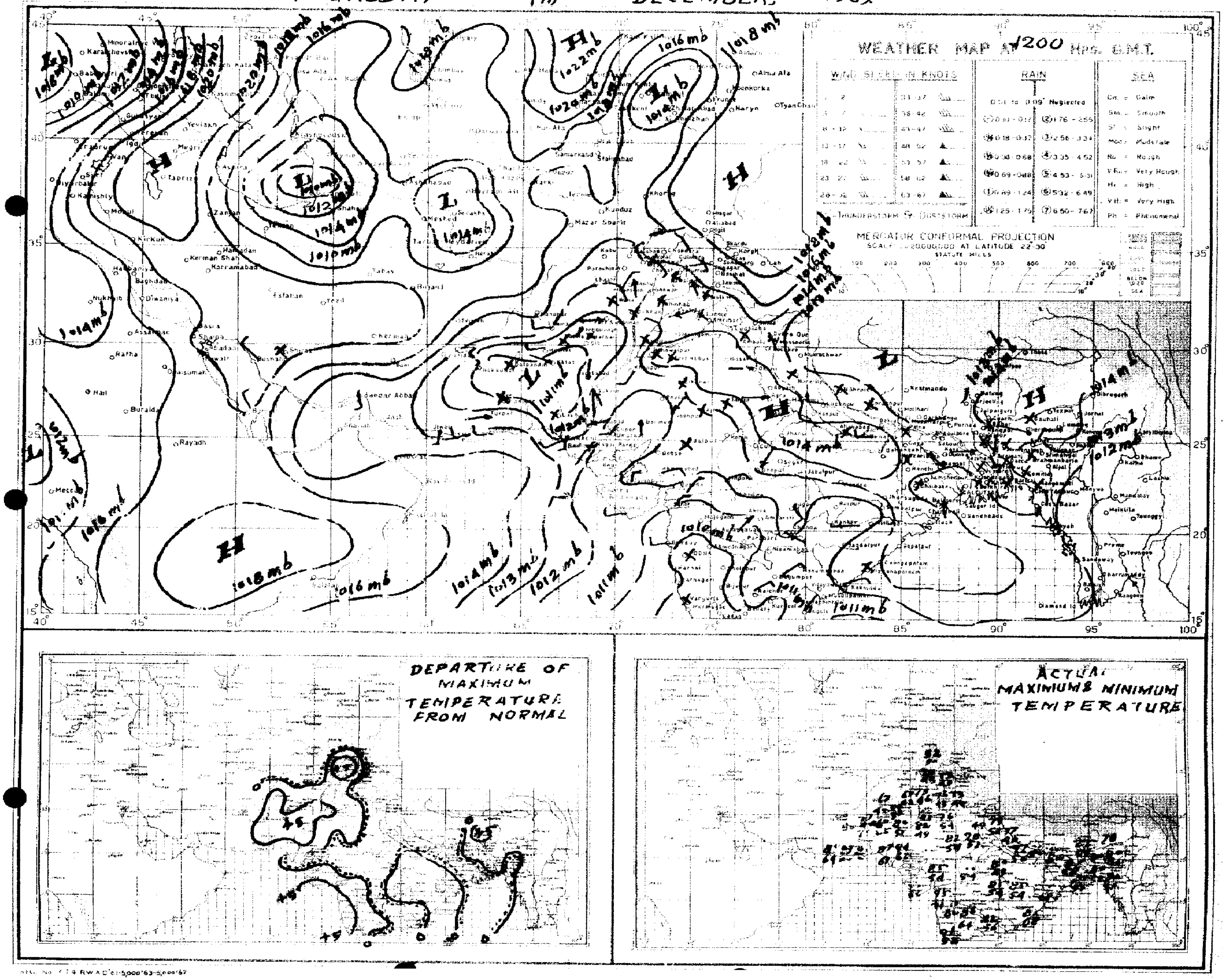
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
To—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the 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" omitted.

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

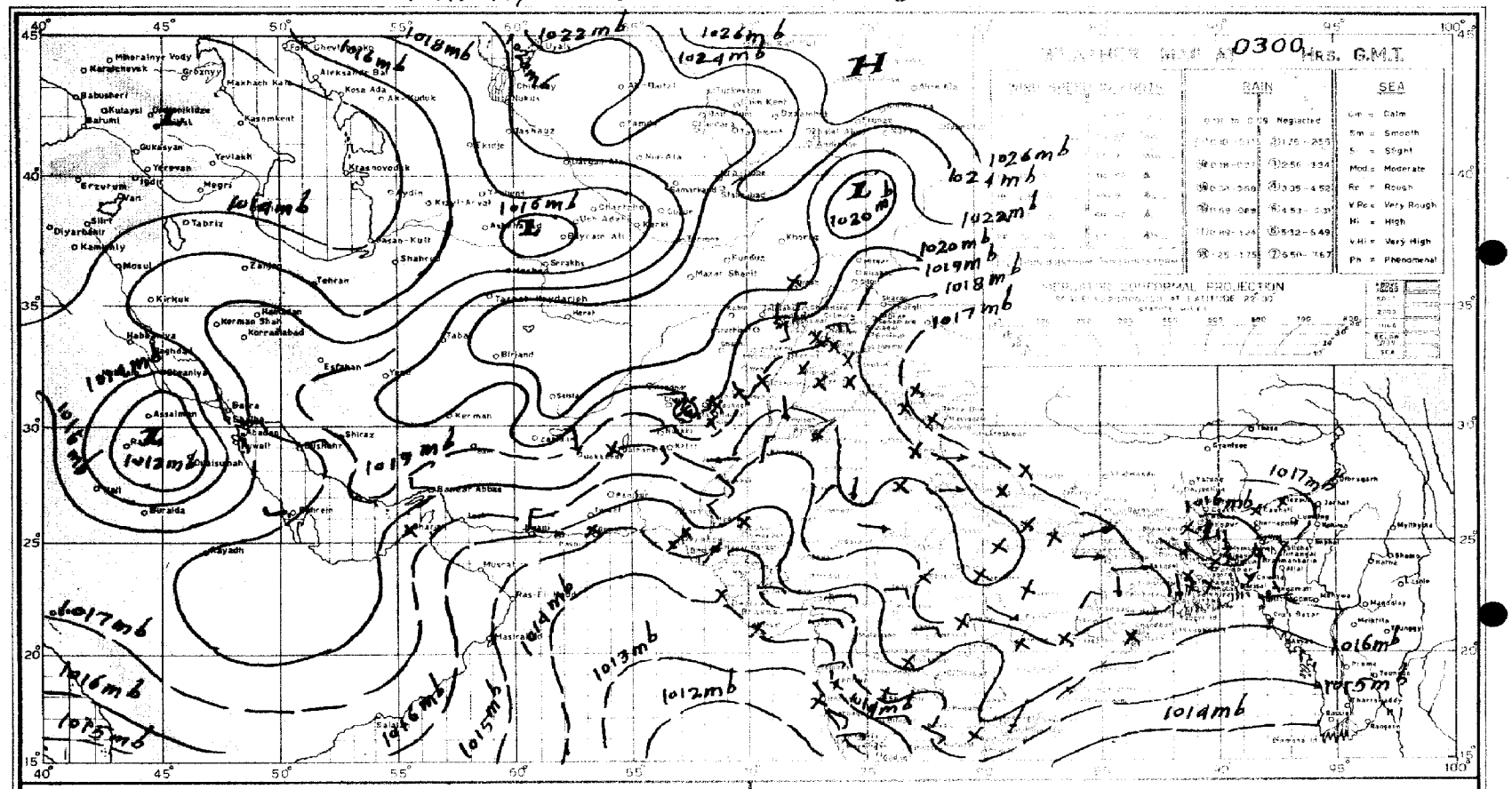
PAKISTAN DAILY WEATHER MAP

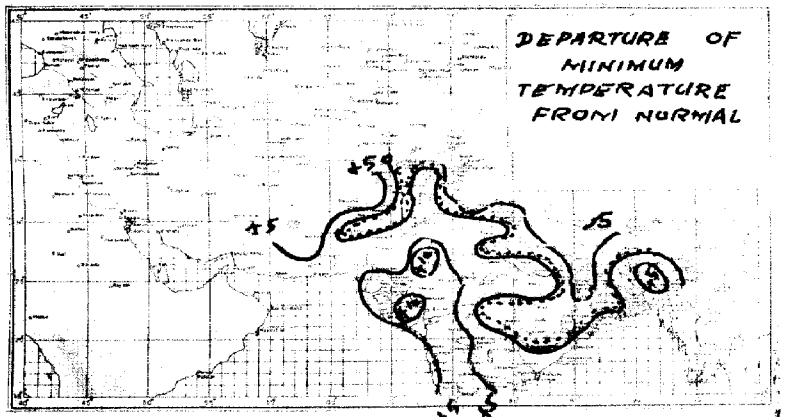
THURSDAY 4th DECEMBER, 1969

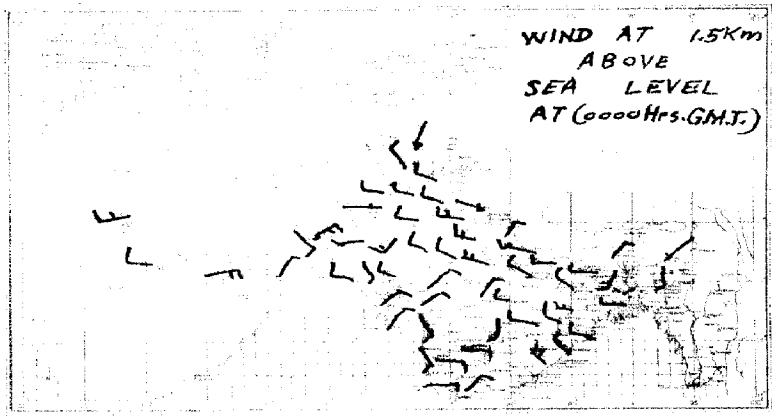


PAKISTAN DAILY WEATHER MAP

FRIDAY 5th DECEMBER, 1969







PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 6th DECEMBER 1969.

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

Yesterday's western disturbance north of Kashmir moved away eastwards. Anothsr western disturbance is moving across east Russian Turkistan. The trough of low pressure over Rajasthan has become unimportant. A westerly low pressure wave lies over Chittagong division. Weather remained dry over the country.

Night temperatures were 3—4 °F (2 °C) below normal in Sargodha division and 3—8 °F (2—4 °C) above normal in Khulna, Rajshahi, Rawalpindi, Peshawar, D. I. Khan, Quetta, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 7th December 1969 :—A few thunderstorm/showers may occur in Chittagong division. Otherwise Weather will remain dry over the country.

Karachi-11
The 6th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature* TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	31	02	95	00	1	139	73	0	0	9	0	0	58	82
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...							...
	Chittagong	000	0	1	00	00	//	02	0	114	76	0	0	9	0	1	59	80
	Maijdee Court	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Comilla		...	...	...	...	...	...		...		...	...			...	...	...
	Brahmanbaria	000	0	0	00	00	//	00	0	125	76	0	0	9	0	0	64	88
	Sylhet	000	0	0	00	00	//	02	0	127	70	0	0	9	0	0	63	80
	Srimangal	0.0	0	0	00	00	//	00	8	131	70	0	0	9	0	0	64	82
Dacca	Mymensingh	000	0	6	00	00	//	01	1	127	76	6	5	4	0	0	63	80
	Narayanganj	000	0	0	00	00	//	00	0	132	73	0	0	9	0	0	60	80
	Dacca (Tezgaon)	000	0	2	00	00	96	01	0	125	73	0	0	9	0	1	60	80
	Faridpur	000	0	0	00	00	93	00	0	147	73	0	0	9	0	0	59	78
Khulna	Barisal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Khulna	000	0	0	00	00	97	00	0	130	78	0	0	9	0	0	78	82
	Satkhira	000	0	0	00	00	95	00	0	132	70	0	0	9	0	0	59	80
	Jessore	000	0	2	00	00	97	02	0	128	70	0	0	9	0	1	56	60
Rajshahi	Pabna	000	0	4	00	00	//	01	0	128	70	/	/	/	/	/	60	20
	Sirajganj	000	0	0	36	01	//	00	0	130	72	0	0	9	0	0	60	80
	Rajshahi	000	0	2	00	00	94	01	1	133	70	0	0	9	2	0	56	78
	Bogra	000	0	5	27	05	//	02	1	135	70	1	0	9	7	8	59	76
	Dinajpur	000	0	0	00	00	//	00	0	123	70	0	0	9	0	0	50	78
	Rangpur	000	0	3	00	00	96	03	0	112	80	3	0	9	0	0	56	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	95	05	1	150	70	0	0	9	0	1	32	73
	Sialkot	000	0	0	00	00	97	00	0	179	60	0	0	9	0	0	47	70
Rawalpindi	Jhelum	000	0	2	30	13	96	01	0	141	73	0	0	9	0	1	38	78
	Islamabad																	
	Rawalpindi	000	0	5	27	02	99	01	2	153	64	0	0	9	0	4	38	72
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	133	76	0	0	9	0	0	64	78
	Sargodha	000	0	5	00	00	96	04	0	153	70	0	0	9	0	2	41	76
	Lyallpur	000	0	0	00	00	96	00	0	146	70	0	0	9	0	0	47	76
Multan	Sahiwal																	
	Multan	000	0	3	36	02	97	03	0	152	73	1	0	9	1	4	45	78
	Leiah	000	0	0	36	00	94	00	0	183	77	0	0	9	0	0	59	76
Bahawalpur	Khanpur																	
	Bahawalpur																	
	Fort Abbas	///	/	0	23	02	98	00	0	150	76	0	0	9	0	0	67	76
Peshawar	Chakdra																	
	Peshawar	000	0	6	00	00	97	02	2	158	67	0	0	9	0	1	51	73
	Haripur	..	...	...	...	...	...	...	..	..	...	..	..	..	..	...	...	...
D. I. Khan	Bannu	000	0	5	18	02	98	03	2	152	70	0	0	9	0	7	41	76
	D. I. Khan	000	0	0	00	00	97	02	0	158	73	0	0	9	0	0	49	76
Quetta	Sibi	000	0	2	18	03	97	03	1	143	85	2	0	9	2	0	56	86
	Nokkundi	000	0	0	31	05	97	02	0	133	77	0	0	9	0	0	45	79
Kalat	Turbat																	
	Jiwani	000	0	0	17	03	96	02	0	135	80	0	0	9	0	0	62	85
	Pasni	000	0	4	11	08	97	02	0	158	//	4	0	9	0	0	67	81
Karachi division	Ormara	000	0	2	00	00	96	04	4	125	83	2	0	9	0	0	73	83
	Lasbela	000	0	2	00	00	97	00	0	117	91	0	0	9	0	0	51	92
	Karachi (Manora)	000	0	4	27	03	97	03	2	133	77	4	0	9	1	0	69	82
	Karachi (Airport)	000	0	6	18	03	56	02	2	130	81	5	0	9	3	1	64	84
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	211	83	6	6	6	0	0	59	90
	Chhor	000	0	6	00	00	56	02	2	130	82	6	0	9	2	0	57	86
	Hyderabad	000	0	5	36	03	97	01	2	144	78	3	0	9	3	1	56	83
	Badin	000	0	8	36	01	96	03	0	143	82	0	0	9	0	8	57	82
Khairpur	Padidan	000	0	3	36	02	96	01	0	145	77	0	0	9	0	5	48	82
	Nawabshah	000	0	7	31	05	96	02	2	149	79	0	0	9	0	7	57	82
	Sukkur	000	8	6	30	20	95	03	2	123	77	6	0	9	6	0	54	80
	Kashmore																	
	Jacobabad	000	0	0	09	03	97	01	0	144	81	0	0	9	0	0	38	84
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	09	03	99	02	1	509	47	2	5	4	0	0	32	56
Peshawar	Drosh *	000	0	4	00	00	97	01	1	522	54	3	1	7	0	0	36	63
	Cherat *	000	0	0	36	10	98	00	0	530	56	0	0	9	0	0	25	60
	Kakul *	000	0	4	20	02	98	01	1	517	58	0	0	9	0	5	36	63
	Landikotal *	000	0	4	31	05	98	01	0	632	60	4	3	5	0	0	57	67
	Parachinar *	000	0	3	00	00	98	01	1	524	51	0	0	9	0	3	30	58
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	531	67	0	0	9	0	0	36	68
	Wana *	000	0	0	00	00	99	00	0	490	67	0	0	9	0	0	38	68
Quetta	Fort Sandeman *	000	0	/	24	03	98	03	1	510	64	2	0	9	3	1	//	66
	Hindubagh *	000	0	0	20	03	56	02	0	536	56	0	0	9	0	0	19	58
	Loralai *																	
	Barkhan *	000	0	0	31	05	97	02	0	459	70	0	0	9	0	0	37	75
	Harnai *	000	0	0	00	00	96	02	0	498	//	6	6	0	0	0	//	69
	Samungli (Quetta) *	000	0	7	00	00	96	03	1	528	58	7	5	6	0	0	50	61
	Chaman *	000	0	0	31	07	97	00	0	523	62	0	0	9	0	0	37	65
	Nushki *	000	0	0	00	00	97	02	0	576	70	0	0	9	0	0	38	73
	Dalbandin *	000	0	2	05	07	98	03	0	528	71	0	0	9	3	0	37	74
Kalat	Kalat *	000	0	0	31	02	96	00	2	513	58	0	0	9	0	0	36	62
	Khuzdar *	000	0	0	00	00	97	02	0	516	69	0	0	9	0	0	29	73
	Panjgur *	000	0	1	30	03	96	03	0	523	77	0	0	9	0	1	49	78

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	7	1	13	02	97	01	4	167	69	1	1	2	0	0	62	64	—	—	—	—	—	—
	Cox's Bazar	000	0	0	09	02	96	02	0	156	73	0	0	9	0	0	69	60		—	—	...	—	140
	Chittagong	000	3	3	05	02	96	28	4	157	45	0	0	9	0	2	62	59	0	— 1	1.2	— 1.1	105.7	108
	Maijdee Court	000	9	0	00	00	97	00	0	158	65	0	0	9	0	0	45	56		— 4	0.4	— 1.3	178.5	115
	Comilla	000	0	0	00	00	96	02	0	150	68	0	0	9	0	0	64	64		+ 8	0.5	— 1.0	64.2	94
	Brahmanbaria	000	0	0	00	00	56	00	0	157	69	0	0	9	0	0	62	59	—	—	1.3	+ 1.1	55.1	78
	Sylhet	..	..	..	..				..	..		..	...		..	..	..	...	—					—
	Srimangal	000	0	0	00	00	96	00	0	153	67	0	0	9	0	0	64	54	— 1	+ 4	1.5	+ 0.1	84.5	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	158	65	0	0	9	0	0	65	58	+ 1	+ 1	0.3	— 0.6	77.5	91
	Narayanganj	000	0	0	00	00	97	00	0	157	72	0	0	9	0	0	59	60	0	+ 1	1.3	+ 0.3	82.1	74
	Dacca (Tezgaon)	000	3	1	00	00	95	10	4	155	68	0	0	9	0	1	59	57	—	—	1.3	—	66.0	—
	Faridpur	000	0	0	00	00	97	00	0	163	73	0	0	9	0	0	60	56	0	— 1	1.6	+ 0.5	58.5	71
Khulna	Barisal	000	0	0	00	00	97	02	0	15	65	0	0	9	0	0	62	56		— 1	1.0	— 0.7	65.2	81
	Khulna	000	0	8	00	00	97	00	0	173	73	0	0	9	0	0	62	62	+ 2	+ 6	1.4	+ 0.2	74.5	68
	Satkhira	000	0	1	00	00	97	00	0	164	64	0	0	9	0	1	54	56	— 2	+ 2	0.2	— 1.6	61.7	65
	Jessore	000	0	0	36	03	96	05	0	157	64	0	0	9	0	0	58	54	—	—	1.1	+ 0.1	62.5	45
Rajshahi	Pabna	000	0	0	31	02	97	02	0	171	65	0	0	9	0	0	58	58	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	58	00	0	157	65	0	0	9	0	0	56	56	+ 1	0	0.4	— 0.3	56.6	64
	Rajshahi	000	0	4	27	02	96	03	1	159	64	0	0	9	0	8	56	56	0	+ 1	3.0	+ 2.4	70.3	—
	Bogra	000	0	2	27	02	96	05	4	150	64	0	0	9	0	4	58	56	— 1	+ 1	1.3	+ 0.4	59.6	69
	Dinajpur	000	0	0	27	03	96	00	0	157	64	0	0	9	0	0	59	54	— 1	+ 1	0.8	+ 0.3	56.5	72
	Rangpur	000	0	0	09	02	96	01	0	165	64	0	0	9	0	0	59	56	+ 1	+ 3	1.5	+ 1.1	87.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	80	95	10	0	170	49	0	0	9	0	1	45	43	— 4	+ 2	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	92	00	0	165	50	0	0	9	0	0	49	32	— 3	— 11	0.0	— 0.2	11.5	33
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	172	47	0	0	9	0	1	41	43	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	187	41	0	0	9	0	0	40	41	+ 1	+ 3	0.2	— 0.2	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	8	00	00	97	06	0	161	45	0	0	9	0	0	40	40	+ 2	— 3	0.0	— 0.1	7.8	15
	Sargodha	000	0	3	00	00	94	04	0	174	43	0	0	9	0	1	40	40	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	95	00	0	165	47	0	0	9	0	0	40	43	+ 3	+ 1	0.8	— 0.1	7.7	12
Multan	Sahiwal																							10
	Multan	000	0	2	00	00	96	04	0	184	45	0	0	9	0	2	40	43	+ 2	— 1	0.0	— 0.1	11.3	7
	Leiah	000	0	0	36	01	92	00	0	196	43	0	0	9	0	0	38	38	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur																							6
	Bahawalpur	000	0	0	08	00	94	00	0	184	54	0	0	9	0	0	43	47		+ 2	—	—	—	6
	Fort Abbas	000	0	0	23	02	95	00	0	129	56	0	0	9	0	0	47	54	—	—	0.0	—	0.9	8
Peshawar	Chakdra	000	0	0	05	07	98	02	0	187	41	0	0	9	0	0	35	40	— 3	—	0.0	—	23.2	—
	Peshawar	080	0	1	00	00	97	02	0	188	47	0	0	9	0	1	35	45	+	+ 3	0.5	+ 0.1	14.8	11
	Haripur	000	0	0	05	03	97	00	0	190	49	0	0	9	0	0	38	43	—	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	4	27	01	98	01	1	187	49	2	0	9	0	7	32	43	— 1	—	0.5	—	5.0	11
	D. I. Khan	000	0	6	00	00	96	03	0	177	42	0	0	9	3	2	35	47	—	+ 5	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	186	52	0	2	9	0	0	42	58	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	46	03	97	02	0	189	55	0	0	9	0	0	27	54	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	56	00	0	027	63	0	0	9	0	0	//	//		/	0.0	—	0.2	—
	Jiwani	000	0	3	00	00	56	01	1	163	65	3	6	5	0	0	63	//	— 1	/	0.0	—	2.0	5
	Pasni	000	0	4	29	02	97	02	0	169	56	4	0	9	0	0	65	//	+	/	0.0	— 0.3	0.2	6
Karachi division	Ormara	000	0	5	27	03	96	01	1	163	75	5	0	9	0	0	70	79	—	— 12	0.0	—	0.6	6
	Lasbela	000	0	0	00	00	58	00	0	177	61	0	0	9	0	0	49	49	— 1	—	0.0	—	0.7	8
	Karachi (Manora)	...	..	...	..					..	...	...	..		...	...	..		+					8
	Karachi (Airport)	000	0	7	00	00	96	03	0	165	61	0	0	9	0	1	49	59	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	212	70	6	6	6	0	0	45	70	—	—	0.0	—	0.1	—
	Chhor	000	0	6	00	00	56	03	1	164	54	2	0	9	1	4	41	50	—		0.0	—	0.3	7
	Hyderabad	000	0	6	31	05	97	03	1	176	61	0	0	9	0	1	52	61	+	—	0.0	— 0.1	0.3	9
	Badin	000	0	0	36	04	97	02	0	182	59	0	0	9	0	0	47	58	+ 1	+ 5	0.0	— 0.2	0.3	—
Khairpur	Padidan	009	0	2	00	00	96	03	0	176	55	0	0	9	0	1	46	51	—	—	0.0	—	0.8	—
	Nawabshah	000	0	2	36	02	56	03	1	182	53	0	0	9	0	4	49	52	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	05	02	93	05	4	174	54	0	0	9	0	0	46	53	—	—	0.0	—	0.1	—
	Kashmore																							
	Jacobabad	000	0	0	09	02	96	02	0	117	58	0	0	9	0	0	46	54	+ 6	+ 7	0.1	0.0	2.8	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							16
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							8
Rawalpindi	Murree *	000	0	2	05	03	98	01	1	525	45	0	0	9	0	0	29	40	+ 4	+ 4	1.0	+ 1.0	41.0	59
Peshawar	Drosh *	000	0	0	05	02	98	02	0	556	40	0	0	9	0	0	30	38	+ 6	+ 1	0.6	—	16.0	18
	Cherat *	000	0	0	36	10	98	00	0	531	54	0	0	9	0	0	23	51	+ 1	+ 8	0.6	+ 0.1	15.0	29
	Kakul *	000	3	0	34	02	98	03	0	520	49	0	0	9	0	8	32	45	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	36	02	98	02	0	596	33	0	0	9	0	0	32	33	—	—	0.7	—	13.6	—
	Parachinar *	000	0	4	02	02	97	03	0	531	43	3	0	9	5	3	20	38	— 1	+ 5	0.0	—	22.2	21
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	511	49	0	0	9	0	0	27	43	—	—	0.0	— 0.1	2.0	13
	Wana *	...	..	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	6	05	02	97	03	0	528	42	0	0	9	0	6	14	39	+ 1	+ 5	0.0	— 0.2	6.5	11
	Hindubagh *	000	0	0	27	02	97	02	0	583	32	0	0	9	0	0	13	22	—	—	0.0	—	0.2	—
	Loralai *																							9
	Barkhan *	000	0	0	31	05	//	02	0	491	57	0	0	9	0	0	34	54	—	—	0.0	—	1.0	—
	Harnai *	000	0	0	00	00	96	02	0	513	53	0	0	0	0	0	25	//	—	/	0.0	— 0.3	5.6	14
	Samungli (Quetta) *	000	0	4	00	00	96	03	0	560	44	0	0	9	1	0	24	43	—	—	—	—	—	9
	Chaman *	000	0	0	09	03	97	00	0	540	47	0	0	9	0	0	27	45	+ 4	+ 8	0.0	— 0.7	4.8	8
	Nushki *	000	0	0	07	05	97	02	0	572	57	0	0	9	0	0	29	54	—	—	0.0	—	2.6	—
	Dalbandin *	000	0	0	05	02	98	02	0	515	42	0	0	9	0	0	26	41	+ 5	+ 7	0.0	— 0.1	0.5	4
Kalat	Kalat *	000	0	0	13	03	96	00	2	532	37	0	0	9	0	0	13	26	+ 4	— 1	0.0	— 0.3	2.2	7
	Khuzdar *	000	0	0	36	07	96	02	0	526	49	0	0	9	0	0	28	45	—	—	0.3	—	3.5	—
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 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 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 6th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		At surface and Standard Isobaric Levels — hhh TTT_a DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 160 10	...	420 062 09	097 078 57	579 085 58	748 201 58	955 351 57	225 569 //	...	...	...	...	...
Dacca ...	00 00	013 154 25	...	410 100 56	093 078 57	580 077 62	751 175 60	962 293 59	241 461 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 180 50	...	500 170 57	155 074 55	585 051 //	766 141 //	971 281 //	254 421 //	...	...	...	...	...
Multan ...	00 00	002 060 50	...	500 072 40	064 015 64	566 167 //	729 295 //	932 401 //	...	...	...	...	...	...
Peshawar ...	00 00	977 084 42	...	470 018 49	038 041 45	515 506 64	732 209 //	939 291 //	022 393 //	...	...	...	...	...
Quetta ...	00 00	824 052 28	...	...	099 055 5/	565 253 //	724 355 //	891 479 //	...	...	...	...	...	...
Sargodha ...	00 00	994 104 57	...	450 070 57	055 045 56	563 175 //	927 261 //	930 375 //	120 471 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	//, /// //	800 090 56	600 005 56	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 130 56	800 072 57	600 005 59	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 062 22/	630 122 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...		...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	290 95	285 04	310 03	350 03	310 13	295 17	...	...	...
Bogra ...	255 09	240 07	230 05	145 02	275 02	285 31	...	...	...
Chaklala ...	...	290 //	310 08	315 04	300 04	135 02	335 13	295 22	305 26
Chhor ...	050 4/	055 06	025 06	315 05	250 07	255 09	280 15	...	...
Chittagong ...	295 06	325 04	040 05	040 08	315 09	265 2/	...	...	...
Charat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...
Dacca ...	250 09	260 08	170 8/	280 06	310 03	...	...	...	...
Dalbandin ...	...	...	080 02	035 06	010 05	285 08	290 20	320 19	285 29
D. I. Khan ...	045 01	350 03	350 08	330 11	345 05	305 1/	290 20	300 12	310 27
Drosh ...	...	...	...	220 03	240 02	245 03			...
Fort Sandeman ...	...	...	...	230 05	295 03	/30 52	280 34	270 39	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	090 04	090 03	090 06	070 04	240 05	240 08	290 18	270 27	265 27
Jessore ...	320 04	310 06	300 07	295 12	290 18	285 17	...	...	...
Jhelum ...	285 15	295 15	295 14	320 09	310 04	200 0/	270 17	270 22	270 25
Jiwani ...	215 04	050 05	065 05	/70 05	030 07	305 07	265 18	340 12	300 23
Karachi ...	155 05	120 06	110 08	100 12	170 09	175 05	280 03		
Khanpur ...	025 09	045 19	025 01	020 20	355 15	215 09	325 08	340 22	352 8/
Khuzdar ...	...	...	...	240 00	235 01	290 10	290 22	260 17	295 27
Lahore ...	320 07	305 12	300 13	285 11	290 /6	280 11	270 16	290 29	295 25
Multan ...	020 01	015 16	015 15	305 11	270 17	315 21	295 39	305 41	305 44
Nawab Shah ...	/45 00	005 06	085 05	260 03	230 04	285 10			
Nokkundi ...	...	...	140 07	175 09	180 11	220 14	295 21	460 17	—
Panjgur ...	...	...	...	345 05	340 06	010 08	335 16	010 08	285 19
Peshawar ...	...	215 05	305 07	325 06	315 18	295 19	325 11	300 21	290 32
Parachinar ...	...	...	...	275 09	180 05	330 20	315 15	...	315 10
Quetta ...	...	...	...	...	305 08	340 07	305 18	295 24	...
Sargodha ...	280 6/	295 10	340 09	335 08	310 03	280 12	280 21	300 21	305 35
Skardu ...	...	...	...	185 02	160 04	...	...	...	...
Sylhet ...	255 03	255 05	250 05	185 04	160 03	340 03	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	315 05	330 04	325 07	325 09	295 14	290 21
Bogra ...	305 08	225 07	240 11	265 20	245 20	235 45
Chaklala ...	...	...	...	...	...	...
Chhor ...	260 12	018 08	035 08	075 05	100 03	130 05
Chittagong ...	...	...	...	...	...	...
Charat ...	...	...	...	...	...	...
Cox's Bazar ...	360 12	350 12	350 0/	300 09	350 04	315 09
Dacca ...	255 04	295 05	295 09	...	285 17	...
Dalbandin ...	...	...	080 04	140 08	125 02	225 06
D. I. Khan ...	090 04	095 04	135 03	195 03	275 06	270 11
Drosh ...	...	...	...	015 01	020 03	005 04
Fort Sandeman ...	...	...	...	250 2/	285 09	315 21
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	105 05	/15 04	135 04	218 04	298 05	280 05
Jessore ...	280 04	210 03	240 04	290 19	300 18	295 22
Jhelum ...	315 12	230 13	320 07	320 06	270 08	255 18
Jiwani ...	280 07	260 03	205 01	120 05	065 09	...
Karachi ...						
Khanpur ...	345 06	350 08	345 09	005 04	050 08	320 17
Khuzdar ...				145 04	164 05	220 //
Lahore ...	315 09	305 12	315 10	325 12	330 09	330 18
Multan ...	105 08	125 02	125 04	320 08	390 16	305 06
Nawab Shah ...	005 13	005 05	855 01	010 02	025 12	315 09
Nokkundi ...	...	...	090 04	135 07	165 10	190 13
Panjgur ...	...	...		145 04	190 03	340 07
Peshawar ...	...	255 04	320 07	300 06	310 07	305 15
Parachinar ...	...	...	...	865 03	115 07	
Quetta ...	...	...	...	...	210 02	238 06
Sargodha ...	520 07	350 07	010 11	300 08	325 07	355 07
Skardu ...	...	...	...	...	...	...
Sylhet ...	135 04	185 01	225 01	235 06	225 07	275 18
Veraval ...	...	...	...	...	...	...

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...			...	...	...	...	...	...
Bogra ...	295 06	260 10	240 21	280 10	280 18	280 31	280 45	270 51	260 43	...	...
Chaklala ...	...	...	...		...	...	...	...	...	...	...
Chhor ...	085 09	035 09	050 07	355 06	295 06	240 22	...		...	...	...
Chittagong ...	025 06	020 03	090 02	100 08	//0 08	025 04	155 07	300 08	128 52	...	...
Charat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	015 12	025 08	015 07	360 07	340 08	065 06	...	...	...	...	...
Dacca ...	240 07	240 07	255 08	255 11	290 13	290 23	270 35	270 39	270 5!	...	...
Dalbandin ...	...	...	085 07	080 02	275 02	270 16	295 19	285 23	275 23	285 45	260 63
D. I. Khan ...	270 07	270 07	265 06	220 04	245 05	285 13	285 10	300 14	310 18	310 32	280 45
Drosh ...	—	...	...						...	...	...
Fort Sandeman ...	...	...	—	210 07	238 07	335 13	315 26	295 24	285 22	...	...
Gilgit ...	...	...					...	...	...	...	...
Ishurdi ...	275 03	265 07	265 10	260 18	290 25	280 23	...	...	...	...	...
Jacobabad ...	140 04	185 13	335 0/	315 03	305 07	315 03	285 12	265 17	125 15	...	...
Jessore ...	005 03	335 02	295 04	255 11	275 17	300 22	280 37	275 36	275 41	...	...
Jhelum ...	310 11	310 16	310 16	315 15	350 12	300 21	305 25	295 30	305 35	...	...
Jiwani ...	025 06	020 03	090 02	100 08	//0 09	025 04	155 07	300 08	152 52	...	...
Karachi ...	095 10	095 18	090 08	080 07	145 03	310 03	250 15	285 07	275 06	...	...
Khanpur ...	130 13	130 14	120 12	105 10	260 27	295 53	290 41	290 20	010 1/	...	...
Khuzdar ...	...		...	310 04	310 03	220 05	315 10	300 16	785 17	270 24	265 42
Lahore ...	230 14	310 07	305 09	305 14	305 17	305 17	330 23	300 27	300 27	...	...
Multan ...	190 06	210 06	210 07	210 07	305 05	270 01	275 19	290 26	315 33	...	...
Nawab Shah ...	010 06	005 03	120 01	070 05	040 10	010 07	350 75	305 34	295 52	...	...
Nokkundi ...	...	—	105 11	150 07	150 07	245 14	270 14	270 20	265 21	...	...
Panjgur ...	...			220 06	280 04	175 02	350 06	265 09	320 10	...	—
Peshawar ...	...	090 04	150 01	300 10	305 18	295 26	275 24	295 32	285 47	...	—
Parachinar ...	...	...	...	...			...	...	...	...	...
Quetta ...	...	...	...	...	300 00	325 08	...	...	...	...	...
Sargodha ...	260 04	270 04	275 13	290 11	330 07	285 15	295 16	295 27	285 21	...	...
Skardu ...							...	...	...	...	...
Sylhet ...	135 04	185 01	225 01	235 06	225 07	275 18		...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	084 10	120 10	120 07	120 03	050 04	285 07	280 09	255 15	255 19	...	...	.	...	...	...	...	..	..
Multan ...																		
Peshawar ...																		
Quetta .																		
Sargodha ...																		

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

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

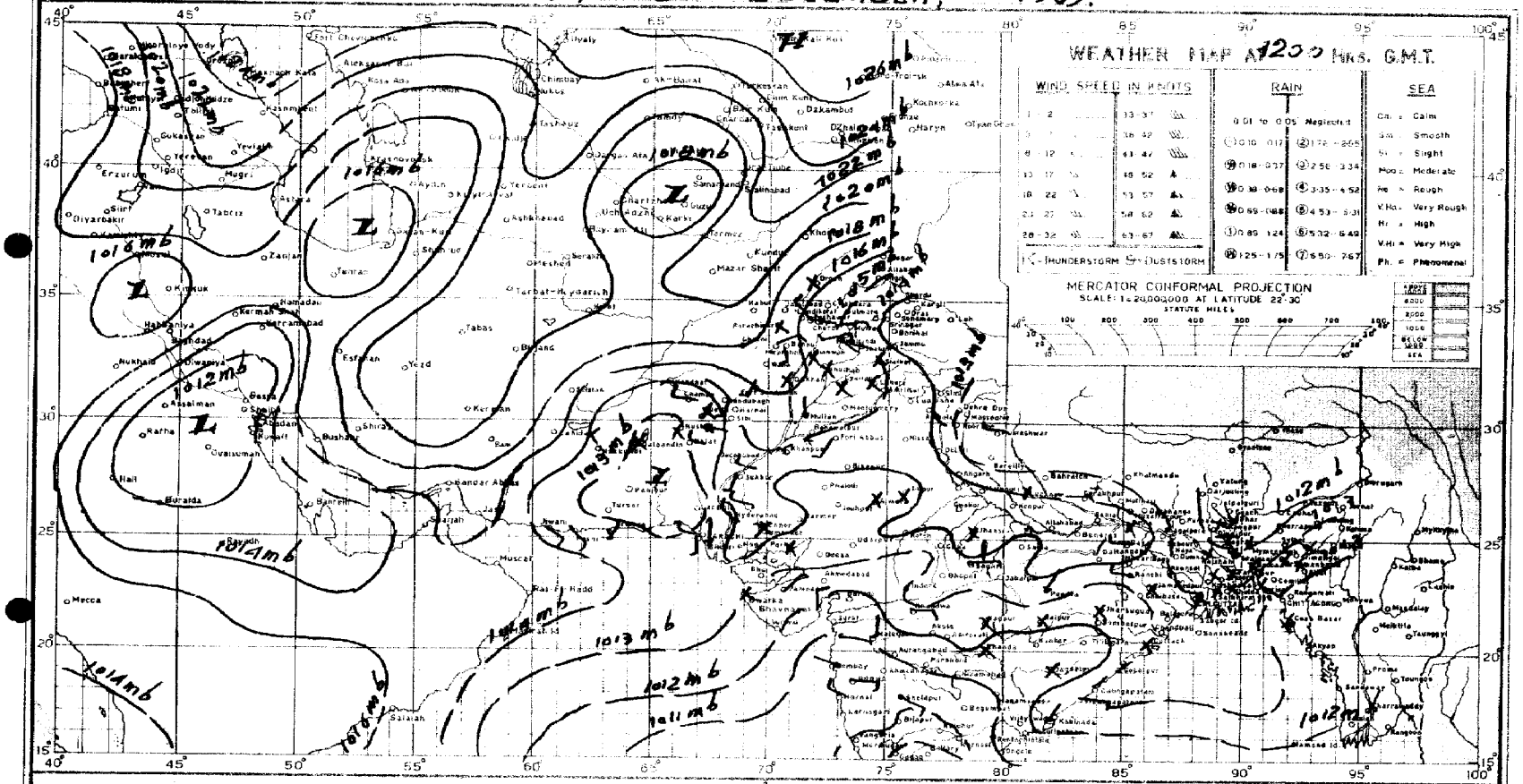
† The actual time of observations may vary within half an hour of the specified time.

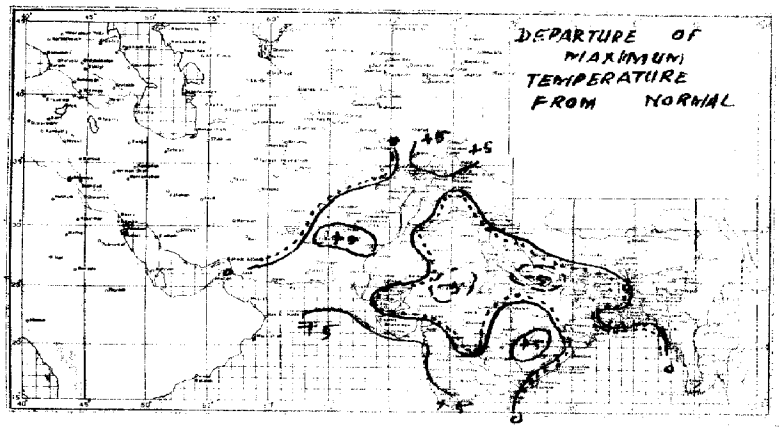
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

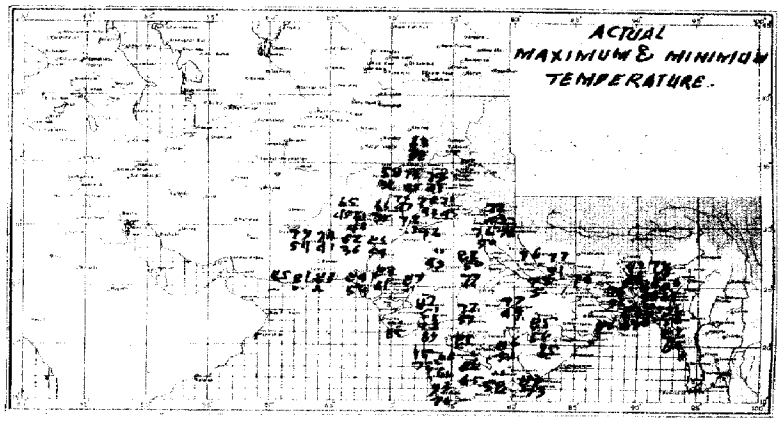
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 5th DECEMBER, 1969.



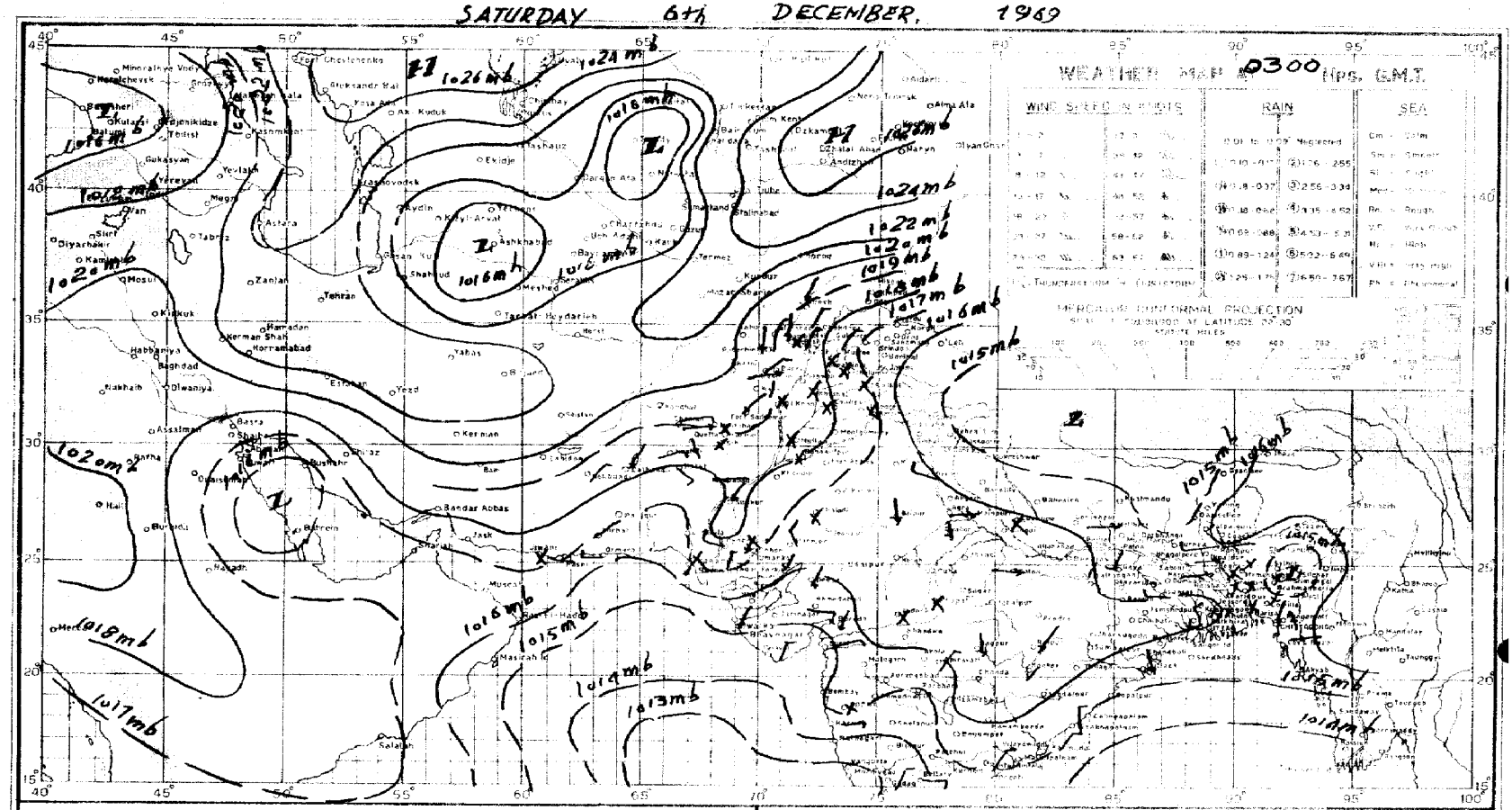


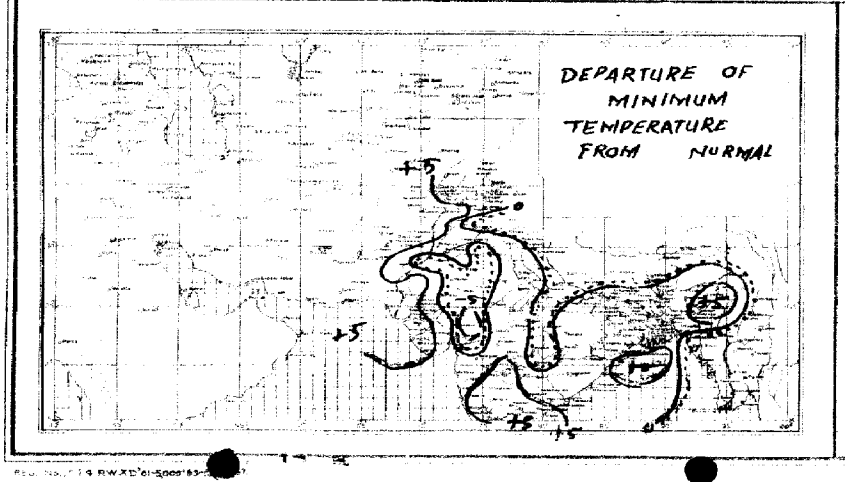


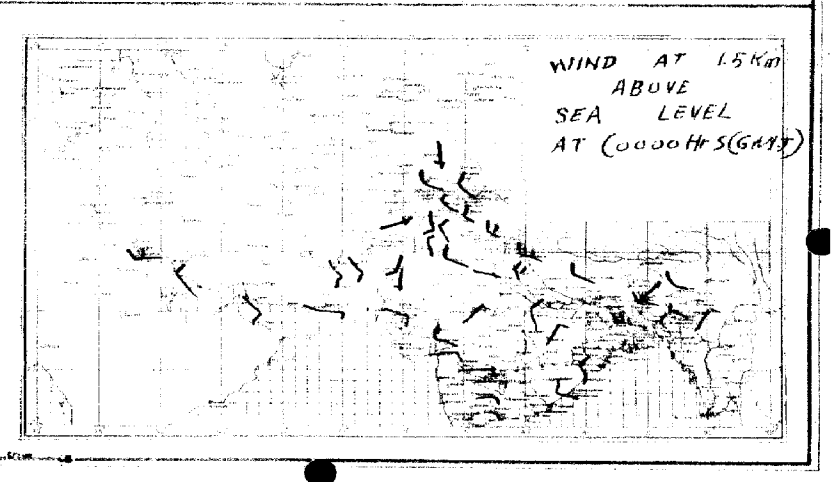
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 6th DECEMBER, 1969







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 7th DECEMBER 1969.

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

Yesterday's western disturbance persists over East Russian Turkistan. Dry continental air prevails over west Pakistan.

The westerly low pressure wave over Chittagong division moved away eastwards. A trough of low pressure has developed over Chittagong division and neighbourhood.

Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in the country outside Dacca, Multan and Karachi divisions, where these were nearly normal.

Forecast valid until the evening of 8th December 1969 :—A few thunderstorm/showers may occur in Chittagong, Khulna divisions. Weather will be dry elsewhere over the country.

Karachi-11
The 7th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Division	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature ** (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TxTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1968 to date	Departure from normal	Since 1st January, 1969 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	0	36	02	95	00	0	125	73	0	0	9	0	0	59	80	000	0	0	00	02	96	01	1	177	68	1	2	7	0	0	62	64	—	—	—	—	—	14
	Cox's Bazar	000	0	1	31	06	//	02	0	118	73	0	0	9	0	0	60	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	11
	Chittagong	000	0	4	00	00	//	01	2	118	72	4	0	9	0	4	60	80	000	5	0	05	02	96	02	4	157	65	0	0	9	0	0	62	59	+ 1	—	0	1.2	— 1.1	105.7	11
	Maidee Court	000	0	6	00	00	//	00	0	109	75	0	0	9	0	0	//	//	000	6	4	00	00	96	03	2	148	65	0	0	9	2	3	62	58	/	—	2	0.4	— 1.3	128.6	11
	Comilla	000	0	0	00	00	96	02	0	119	72	0	0	9	0	0	63	82	000	0	0	00	00	96	01	0	141	67	0	0	9	0	0	60	62	+ 2	+	6	0.5	— 1.0	64.2	11
	Brahmanbaria	000	0	0	00	00	//	00	0	118	72	0	0	9	0	0	19	80	000	0	0	23	02	97	00	0	156	65	0	0	9	0	0	62	59	—	—		1.3	+ 0.1	55.1	94
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	96	05	4	153	64	4	5	2	0	0	62	58		—		1.5	—	84.5	70
	Srimangal	000	0	0	00	00	//	00	0	127	06	0	0	9	0	0	63	79	000	0	0	00	00	97	00	0	149	60	0	0	9	0	0	59	47	— 3	—	3	1.5	0.0	84.6	—
Dacca	Mymensingh	000	0	0	00	00	//	01	1	124	76	0	0	9	0	0	63	80	000	0	0	00	00	97	00	0	176	69	0	0	9	0	0	58	56	+ 2	—	1	0.3	— 0.7	77.6	98
	Narayanganj	000	0	0	00	00	//	00	0	119	73	0	0	9	0	0	59	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3						91
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	117	70	0	0	9	0	0	58	80	000	0	1	00	00	96	01	4	157	65	0	0	9	0	1	59	56	—	—		1.3	—	65.9	74
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	34	02	97	00	0	165	73	0	0	9	0	0	60	56		—	1	1.6	+ 0.5	56.5	71
Khulna	Barisal	000	0	0	00	00	//	00	0	119	73	0	0	9	0	0	64	80	000	0	0	00	00	96	05	0	154	69	0	0	9	0	0	62	59	+ 1	+	2	0.9	— 0.7	65.2	81
	Khulna	000	0	0	00	00	97	00	0	120	80	0	0	9	0	0	76	87	000	0	0	00	00	97	00	0	152	73	0	0	9	0	0	60	60	+ 8	+	4	1.4	+ 0.1	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	120	70	0	0	9	0	0	63	82	000	0	2	36	01	97	00	0	160	65	2	1	9	0	1	54	56	+ 1	+	2	0.2	— 0.7	61.7	65
	Jessore	000	0	0	00	00	97	02	0	116	70	0	0	9	0	0	58	80	000	0	1	00	00	96	05	0	160	62	1	0	9	0	1	56	51	—	—		1.1	+ 0.1	62.5	65
Rajshahi	Pabna	000	0	0	00	00	//	02	0	117	70	/	/	/	/	/	58	78	000	0	0	00	00	97	02	0	157	69	0	0	9	0	0	58	54	—	—		1.0	—	64.3	—
	Sirajganj	000	0	0	36	01	//	00	0	143	72	0	0	9	0	0	58	78	000	0	0	00	00	98	00	0	160	66	0	0	9	0	0	58	56	+ 1		0	0.4	— 0.4	56.6	59
	Rajshahi	000	0	0	00	00	94	02	0	121	68	0	0	9	0	0	58	78	000	0	0	00	00	97	02	0	163	65	0	0	9	0	0	58	56	+ 1	+	1	3.0	+ 2.4	76.3	64
	Bogra	000	0	1	27	02	//	02	0	117	67	0	0	9	0	0	56	77	000	0	0	27	02	96	02	0	159	64	0	0	9	0	0	56	56	0	+	1	1.3	+ 0.4	59.6	—
	Dinajpur	000	0	0	00	00	//	00	0	101	72	0	0	9	0	0	54	78	000	0	0	31	02	96	00	0	159	65	0	0	9	0	0	56	56	0	+	3	0.8	+ 0.3	96.5	69
	Rangpur	000	0	2	00	00	96	01	1	110	78	2	0	9	1	0	56	79	000	0	0	00	00	96	01	0	159	64	0	0	9	0	0	58	54	+ 1	+	1	1.5	+ 1.1	87.5	73
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						84
Lahore	Lahore (Intl Ad.)	000	0	3	00	00	95	03	0	125	72	2	0	9	3	1	45	76	000	0	0	00	00	96	10	0	164	49	0	0	9	0	0	45	44	+ 1	+	3	0.0	— 0.1	18.0	—
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	175	51	0	0	9	0	0	49	32		—	11	0.0	— 0.2	11.5	19
Rawalpindi	Jhelum	000	0	0	31	02	96	02	0	118	72	0	0	9	0	0	38	80	000	0	0	00	00	96	02	0	162	46	0	0	9	0	0	43	45	—	—		0.9	—	31.2	33
	Islamabad	000	0	0	27	02	99	00	0	130	67	0	0	9	0	0	38	73	000	0	0	00	00	96	10	0	179	41	0	0	9	0	0	38	41	+ 4	+	3	0.2	— 0.2	33.6	—
	Rawalpindi																																									36
	Campbellpur	000	0	2	03	//	97	00	0	149	73	0	0	9	0	0	49	80	000	0	0	00	00	97	06	0	152	50	0	0	9	0	0	41	45	+ 6	+	2	0.0	— 0.1	7.8	—
Sargodha	Khushab	000	0	3	27	02	97	02	0	126	72	0	0	9	0	1	63	78	000	0	0	00	00	96	04	0	158	45	0	0	9	0	0	40	43	—	—		0.2	—	20.7	15
	Sargodha	000	0	0	00	00	96	00	0	135	72	0	0	9	0	0	47	77	000	0	0	00	00	95	00	0	154	51	0	0	9	0	0	43	45	+ 5	+	3	0.0	— 0.1	7.7	—
	Lyallpur																																									12
Multan	Sahiwal	000	0	6	00	00	97	02	2	122	73	2	0	9	3	4	49	80	000	0	3	13	02	96	04	0	159	54	0	0	9	1	1	44	44	+ 6		0	0.0	— 0.1	11.3	10
	Multan	000	0	0	36	00	94	00	0	126	78	0	0	9	0	0	57	78	000	0	0	36	01	99	02	2	209	45	0	0	9	0	0	38	38	—	—		0.0	—	2.8	7
	Leiah																																									8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	96	02	0	151	54	0	0	9	0	1	38	43		—	2	—	—	—	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	155	62	0	0	9	0	0	41	49		+	4	—	—	—	4
	Fort Abbas	000	0	0	00	00	98	00	0	126	80	0	0	9	0	0	67	80	000	0	0	00	00	98	02	0	150	45	0	0	9	0	0	60	//	—	—		—	—	—	8
Peshawar	Chakdara	000	0	0	23	05	98	02	0	112	67	0	0	9	0	0	43	67	000	0	1	05	02	98	02	0	188	40	0	0	9	0	4	36	38	—	—		0.0	—	23.2	—
	Peshawar	000	0	1	00	00	97	02	0	132	67	0	0	9	0	0	54	73	000	0	2	18	02	97	02	0	179	47	0	0	9	0	1	40	43	+ 4	+	1	0.5	+ 0.1	14.8	11
	Risalpur	000	0	0	36	03	97	00	0	145	69	0	0	9	0	0	38	70	000	0	0	05	03	95	00	0	195	50	0	0	9	0	0	38	42	—	—		0.9	—	23.9	—
D. I. Khan	Bannu	000	0	3	00	00	99	01	1	130	72	9	0	9	4	0	41	76	000	0	5	00	00	99	03	0	168	47	0	0	9	0	0	40	40	—	—		0.5	—	5.0	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	165	50	0	0	9	0	0	43	45		+	3	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	142	82	0	0	9	0	0	56	//	000	0	0	00	00	97	03	1	191	50	4	2	9	4	2	42	46	—	—		0.0	—	0.2	5
	Nokkundi	000	0	0	31	03	96	06	0	118	77	6	5	8	0	0	44	78	000	0	0	05	05	97	02	0	154	54	0	0	9	0	0	23	51	—	—		0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	//	89	0	0	9	0	0	46	96	000	0	0	09	02	96	00	0	///	60	0	0	9	0	0	46	//	—	—		0.0	—	0.2	—
	Jiwani	000	0	1	18	05	96	02	0	143	77	0	0	9	0	1	54	81	000	0	1	00	00	96	03	0	147	57	1	6	5	0	0	65	64	+ 4	—		0.0	—	2.0	—
	Panjgur	000	0	0	25	04	97	02	0	132	80	4	0	9	0	0	77	83	000	0	4	25	04	97	02	0	190	70	4	0	9	0	0	//	//	+		/	0.0	— 0.3	0.2	5
Karachi division	Ormara	000	0	2	16	05	96	02	2	133	82	2	0	9	0	0	68	85	000	0	4	00	00	96	03	3	152	64	4	0	9	0	0	62	//	—	—		0.0	0.0	0.6	6
	Lasbela	000	0	2	00	00	98	00	0	129	80	0	0	8	0	0	59	92	000	0	0	00	00	98	00	0	151	63	0	0	9	0	0	52	51	—	—		0.0	—	0.7	8
	Karachi (Manora)	000	0	3	27	03	97	03	0	128	80	0	0	9	0	1	66	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7						8
	Karachi (Airport)	000	0	7	23	02	96	02	2	124	83	2	5	6	3	1	58	88	000	0	2	00	02	96	03	0	145	61	0	0	9	0	1	49	57	—	—		0.0	—	1.5	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	4	00	00	96	02	2	124	87	4	0	9	3	0	38	88	000	0	0	00	00	96	02	0	147	55	0	0	9	0	0	//	50	—	—		0.0	—	0.3	—
	Hyderabad	000	0	6	27	03	97	02	2	134	80	2	0	9	3	1	54	83	000	0	1	09	02	97	03	0	153	61	0	0	9	0	1	52	57	+ 3	+	4	0.0	— 0.1	0.3	7
	Badin	000	0	0	36	01	97	03	0	123	84	0	0	9	0	4	48	85	000	0	0	36	02	96	02	0	161	59	0	0	9	0	0	47	56	+ 3	+	3	0.0	— 0.2	0.3	9
Khairpur	Padidan	000	0	2	00	00	97	02	0	134	79	8	0	9	0	2	36	81	000	0	2	00	00	96	03	0	152	55	0	0	9	0	1	43	51	—	—		0.0	—	0.8	—
	Nawabshah	000	0	2	00	00	96	02	2	140	80	0	0	9	0	6	63	83	000	0	2	00	00	//	03	0	154	56	0	0	9	0	1	50	50	—	—		0.0	—	1.1	4
	Sukkur	000	0	6	13	02	96	02	0	160	81	0	0	9	0	0	46	85	000	0	4	13	05	95	05	4	151	60	0	0	9	0	5	46	53	—	—		0.0	—	0.1	—
	Kashmore																																									4
	Jacobabad	000	0	0	27	03	97	02	0	135	80	0	0	9	0	0	41	82	000	0	2	18	02	96	03	0	150	58	0	1	9	0	1	45	55	+ 5	+		0.1	0.0	2.8	20
Saurashtra	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar *																																									71
	Gulmarg **																																									36
	Sonamarg **																																									3
	Dras **																																									4
	Leh *																																									—
	Skardu *																																									—
	Misgar **																																									8
	Allabad *																																									59
	Gilgit *																																									—
Rawalpindi	Murree *	000	0	0	09	03	98	00	1	507	46	0		9	0	0	56	58	000	0	0	05	05	98	00	0	525	49	0	0	9	0	0	20	41	+ 1	+	5	0.9	0.0	41.0	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	/	548	41	0	0	9	0	0	20	40	//	+	3	0.6	—	16.0	29
	Chitral *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	//	//	/	513	54	0	0	9	0	0	23	//	//	+	//	9.6	0.0	15.0	—
	Kakul *	000	0	0	16	02	98	02	0	502	59	0	0	9	0	0	34	67	000	0	0	05	02	98	02	0	514	47	0	0	9	0	0	27	45	—	—		1.0	—	33.9	—
	Landikotal *	000	0	0	05	05	98	02	0	603	60	0	0	9	0	0	40	60	000	0	0	36	02	98	02	0	608	38	0	0	9	0	0	20	36	—	—		0.7	—	13.7	29
	Prachinar *	000	0	1	13	03	98	02	0	513	58	0	0	9	0	1	25	60	000	0	1	31	02	98	03	0	534	43	0	0	9	0	1	31	40	+ 3	+	7	0.0	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	523	70	0	0	9	0	0	29	72	000	0	2	05	05	99	00	0	513	49	0	0	9	0	0	29	43	—	—		0.0	— 0.1	2.0	—
	Wana *	000	0	0	00	00	99	00	0	498	50	0	0	9	0	0	49	//	000	0	0	13	03	99	00	0	482	43	0	0	9	0	0	28	37	—	—		—	—	—	11
Quetta	Fort Sandeman *	000	0	4	00	00	98	03	1	496	68	0	0	9	0	1	//	70	000	0	3	31	02	98	03	0	503	41	0	0	9	0	3	11	39	+ 10	+	5	0.0	— 0.2	6.5	—
	Hindubagh *	000	0	0	23	03	97	02	0	524	62	0	0	9	0	0	23	63	000	0	0	00	00	97	02	0	579	33	0	0	9	0	0	18	23	—	—		0.0	—	0.2	9
	Loralai *																																									73
	Barkhan *	000	0	0	18	02	97	02	0	494	68	0	0	9	0	0	01	69	000	0	0	31	05	97	02	0	488	51	0	0	9	0	0	28	49	—	—		0.0	—	0.9	14
	Harnai *	000	0	0	00	00	96	02	0	498	68	6	6	6	0	0	//	64	000	0	0	00	00	96	02	0	476	45	0	0	9	0	0	14	//	—	—		0.0	— 0.4	5.7	9
	Samungli (Quetta) *	000	0	6	00	00	96	03	4	520	56	0	0	9	0	4	33	65	000	0	4	00	00	96	01	0	530	35	0	0	9	0	4	23	25	—	—		0.5	0.0	3.6	8
	Chaman *	000	0	0	27	02	97	00	0	523	62	0	0	9	0	0	37	73	000	0	0	09	03	97	00	0	540	47	0	0	9	0	0	27	45	+ 6	+	0	0.0	— 0.8	4.8	—
	Nushki *	000	0	4	00	00	97	03	0	566	70	0	0	9	0	2	38	74	000	0	0	07	05	97	02	0	547	59	0	0	9	0	0	37	56	—	—		0.0	—	2.7	4
	Dalbandin *	000	0	/	//	//	//	//	//	520	74	0	0	9	3	0	28	74	000	0	5	00	00	97	03	1	500	47	0	0	9	0	5	23	41	+ 11	+	7	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	05	02	96	00	2	563	61	0	0	9	0	0	35	65	000	0	0	16	03	96	00	2	532	37	0	0	9	0	0	12	28	+ 8	+	1	0.0	— 0.4	2.2	—
	Khuzdar *	000	0	0	23	02	97	02	0	506	75	0	0	9	0	0	30	70	000	0	2	00	00	96	03	0	508	49	0	0	9	0	2	31	47	—	—		0.3	—	3.5	—
	Panjgur *	000	0	0	23	20	96	02	0	516	79	0	0	9	0	0	50	79	000	0	0	05	02	96	02	0	501	48	0	0	9	0	0	34	46	+ 13	+	7	—	—	—	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 7th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hense	93 2 40	10 6 13	06 0 63	49 9 02	99 0 20	18 1 25	41 7 00	54 2 20			05 2 19	17 9,76	30 0 80	27 5 00

UPPER AIR DATA

At surface and Standard Isobaric Levels (Surface: $P_oP_oP_oT_oT_oT_oD_oD_o$; levels: hhh TTT_a DD)

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 150 12	...	450 074 24	103 082 56	[illegible]80 079 37	750 183 58	959 343 56	228 563 //	406 683 //	643 791 //	...	...	...
Dacca ...	00 00	013 172 47	...	425 106 57	13. 108 /	586 051 60	757 165 59	967 335 58	294 513 //	—	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	011 250 25	...	500 172 23	160 110 //	587 055 //	700 125 //	975 241 //	263 357 //	...	...	...	...	...
Multan ...	00 00	003 110 50	...	510 040 30	076 021 //	569 155 //	735 251 //	930 565 //	...	...	...	...	...	...
Peshawar ...	00 00	971 076 26	...	500 050 31	024 025 33	573 169 //	726 257 //	931 373 //	201 521 //	...	—	..	...	...
Quetta ...	00 00	822 072 62	...	/// /// //	096 000 //	571 177 //	734 311 //	933 419 //	...	...	...	...	...	—
Sargodha ...	00 00	932 114 57	...	480 074 56	048 011 59	562 181 //	727 265 //	929 381 //	202 491 //	...	...	...	...	...

At Significant Levels (PPP TT T_a DD); Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$); TROPOPAUSE ($P_tP_tP_tT_tT_tT_{at}$ dt dt ft ft ft)

STATION	Time of ascent in G.M.T.	18	19	20	21	22	23	24	25	26	Max. Wind Speed	Tropopause	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 120 48	800 074 56	78. 074 56	727 102 56	600 010 56	586 000 52	350 259 56	...	...	135 273 23	–	...
Dacca ...	00 00	900 135 57	800 087 58	764 152 58	60. 034 59	565 000 59	350 239 59	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan ...	00 00	..	...	—	...	...	..	...	...	...	...	...	...
Peshawar ...	00 00		..	..	...	...	...	...	...	...	235 260 93	...	...
Quetta ...	00 00	800 084 //	700 000 //	600 065 //	356 369 //	271 409 ,/	...	...	...	...	...	...	...
Sargodha ...	00 00	-	...	...	..	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	300 01	280 01	285 01	295 09	285 17	290 20	..	–	...
Bogra ...	245 06	265 06	265 02	295 10	315 02	310 26	..	...	...
Chaklala ...	..	285 11	305 10	310 07	315 04	295 13	295 17	285 27	...
Chhor ...			...		...	...	..	...	...
Chittagong ...	300 06	330 08	015 08	340 06	720 14	275 23	...	—	..
Cherat ...						...		...	...
Cox's Bazar ...	335 13	300 12	/.5 15	330 11	300 10	015 09	...	..	..
Dacca ...	230 06	230 04	235 04	240 08	270 12	300 15	285 26	..	...
Dalbandin ...			175 04	130 03	200 14	255 31	280 23	...	...
D. I. Khan ...	190 05	180 05	/// //	170 04	255 06	290 13	290 13	280 21	270 18
Drosh ...	...	...	...						
Fort Sandeman ...	..	..	...	275 01	305 06	320 16	285 33	245 47	275 43
Gilgit ...		...		260 05	095 01	320 01	110 02	125 07	130 07
Ishurdi ...	265 09	265 07	255 07	250 17	280 15	285 30	...		..
Jacobabad ...	240 03	235 03	235 05	295 08	350 06	285 12	285 13	260 14	280 13
Jessore ...	305 04	300 03	230 02	225 04	285 16	280 19	..	...	...
Jhelum ...	300 10	300 10	/// //	330 13	325 12	300 13	295 30	285 35	270 31
Jiwani ...	165 04	065 03	075 03	100 09	120 07	040 01	290 08	220 08	–
Karachi ...	140 03	100 03	035 04	040 08	...	...	...	...	...
Khanpur ...	...	...	...	...	...	..	...	...	...
Khuzdar ...	...	...		...	...	...	...		..
Lahore ...	005 07	295 13	310 16	315 23	305 23	300 17	290 19	300 11	310 18
Multan ...	155 06	175 09	190 03	270 05	260 09	310 17	270 22	270 28	—
Nawab Shah .	340 05	330 02	150 01	040 04	350 05	325 11	280 06	–	—
Nokkundi ..	...		120 09	1.5 08	175 03	—		...	
Panjgur ...	–	..	..	190 06	145 05	275 07	255 10	300 08	265 07
Peshawar ...	...	180 03	305 04	300 06	295 11	290 22	300 28	280 28	285 55
Parachinar ...	...	...	...	245 10	125 05	305 35	310 13	...	...
Quetta ...	...			...	195 02	210 07		...	
Sargodha ...	280 06	290 07	290 08	330 07	320 08	300 15	285 25	290 32	285 17
Skardu ...	...			295 03	175 05	...	...	...	...
Sylhet ...	140 08	235 09	215 01	235 04	195 03	275 29	..	—	...
Veraval ...	...	.		...	...			...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	025 08	025 11	320 11	290 08	/// //	280 20
Bogra ...	330 09	330 09	315 03	250 31	270 03	
Chaklala ...	...	190 04	210 02	280 07	295 04	360 05
Chhor ...	065 14	065 12	085 09	230 07	220 06	250 06
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	..	...	...	...
Cox's Bazar ...	...		...	...		...
Dacca ...	360 07	360 06	215 06	220 07	270 11	270 24
Dalbandin ...	—	...	070 06	205 05	230 12	265 15
D. I. Khan ...	150 04	150 04	065 03	045 03	270 05	255 12
Drosh ...	...		...	050 01	025 05	040 08
Fort Sandeman ...	..	.	..	225 02	255 03	030 06
Gilgit ...				295 01	260 03	295 03
Ishurdi ...	350 04	345 03	345 02	280 09	275 16	290 37
Jacobabad ...	330 01	360 03	250 05	240 08	230 10	240 19
Jessore ...	345 04	325 04	315 09	300 14	290 15	295 23
Jhelum ...	315 10	320 17	330 23	300 10	310 //	305 10
Jiwani ...	210 02	210 03	115 03	090 08	090 07	310 03
Karachi ...	...			...	...	
Khanpur ...	220 09	230 09	/// //	255 10	270 10	280 10
Khuzdar ...		...		290 06	225 09	260 12
Lahore ...	300 11	305 14	320 14	325 12	270 15	315 15
Multan ...	180 12	200 09	210 07	200 05	040 07	075 11
Nawab Shah .	180 06	180 06	180 07	030 03	150 03	130 07
Nokkundi ..	...	...	180 05	225 06	235 09	255 12
Panjgur ...	...			025 11	035 13	360 16
Peshawar ...	...	280 05	005 06	320 06	320 11	315 17
Parachinar ...	...	..	...		...	.
Quetta ...	...			...		...
Sargodha ...	300 09	325 09	330 13	295 09	360 08	335 13
Skardu ...	...			285 03	335 03	320 03
Sylhet ...	075 10	050 03	020 01	265 10	240 08	280 23
Veraval ...	...	..	...	..	.	

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	010 09	010 08	310 05	310 06	310 10	290 24	..	..	..		...
Bogra ...	360 02	240 03	340 03	250 04	325 06	295 27	...	..		..	
Chaklala ...		255 02	2.5 0!	005 02	358 03	290 01	260 17	270 33	265 39		...
Chhor ...	100 09	100 07	060 04	245 03	165 05	200 07	235 16	245 18	215 11		...
Chittagong ...	040 12	330 08	330 08	295 12	285 17	265 29	265 37	250 36	255 39	245 53	...
Cherat ...	...	—			.	...	...	...	..	..	–
Cox's Bazar ...											
Dacca ...	345 03	360 07	305 06	265 04	285 08	290 09	285 25	285 37	285 37	275 50	260 43
Dalbandin ...	...	—	120 06	2.0 05	220 10	215 12	235 24	235 26	245 35	240 52	240 65
D. I. Khan ...	265 04	260 04	260 03	045 02	120 04	125 24	250 08	075 08	260 18	260 37	250 41
Drosh ...	—	...	..	145 02	025 06	025 06	315 08	315 26	300 30	285 39	
Fort Sandeman ...	...	...	.	235 06	195 06	160 07	205 13	165 17	230 24	260 49	255 69
Gilgit ...		...		155 01	250 05	300 03	/// //	170 09	//. //	270 32	265 68
Ishurdi ...	005 05	005 04	020 03	305 09	300 17	290 31					
Jacobabad ...	025 03	250 02	225 06	225 07	210 07	290 05	145 15	205 17	205 21	230 14	225 30
Jessore ...	005 05	360 05	340 08	315 16	255 25	300 20	265 25	285 27			
Jhelum ...	300 07	295 05	295 10	305 12	310 07	315 15	280 11	270 27	270 38	275 59	270 68
Jiwani ...	165 02	350 04	350 06	095 05	160 06	240 09	..	..	..	..	..
Karachi ...	305 02	330 03	020 02	175 04	215 09	240 07	250 15	260 17	250 21	230 26	...
Khanpur ...	215 16	210 20	235 23	250 27	270 30	270 23	140 07	095 10	145 08	250 08	280 19
Khuzdar ...			...	285 03	105 03	200 11	215 13	240 21	235 27	250 30	255 44
Lahore ...	315 06	315 08	315 08	310 11	310 13	315 13	285 11	280 33	280 41	255 26	265 81
Multan ...	165 14	165 16	175 18	185 05	215 21	180 11	180 10	200 07	260 08	255 25	260 33
Nawab Shah .	150 08	175 08	120 05	C80 05	150 06	145 09	230 07	250 21	245 19		...
Nokkundi ..	..	...	040 03	330 03	330 03	205 11	220 17	240 27	230 33	245 41	—
Panjgur ...	..				...						
Peshawar ...	...	165 04	330 08	300 09	310 07	275 12	250 10	255 31	240 37	255 52	250 66
Parachinar ...	...	...	...	250 14	110 07	255 25	240 18	260 51	250 33	260 56	250 63
Quetta ...	...	...		...	190 09	180 07	245 24	245 29	..	..	...
Sargodha ...	315 02	290 04	270 07	280 06	300 04	295 12	280 26	275 28	270 35	255 37	260 38
Skardu ...	...		...	115 02	/// //	050 04	150 02	170 03	040 06	150 07	..
Sylhet ...	100 05	100 03	285 03	280 06	300 06	290 26	270 39	..	...	..	...
Veraval ...	...	...	...	...	...		..	...	...	...	...

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	300 09	310 07	310 06	340 08	010 10	130 15	220 15	220 15	240 15	240 15	220 24	220 42	...	...	...	...	..	..
Multan ...	170 14	230 09	210 06	040 04	330 04	035 10	295 19	270 33	260 29	275 37	275 85	...	...	...	...	...	...	...
Peshawar ...																		
Quetta																		
Sargodha ...																		

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

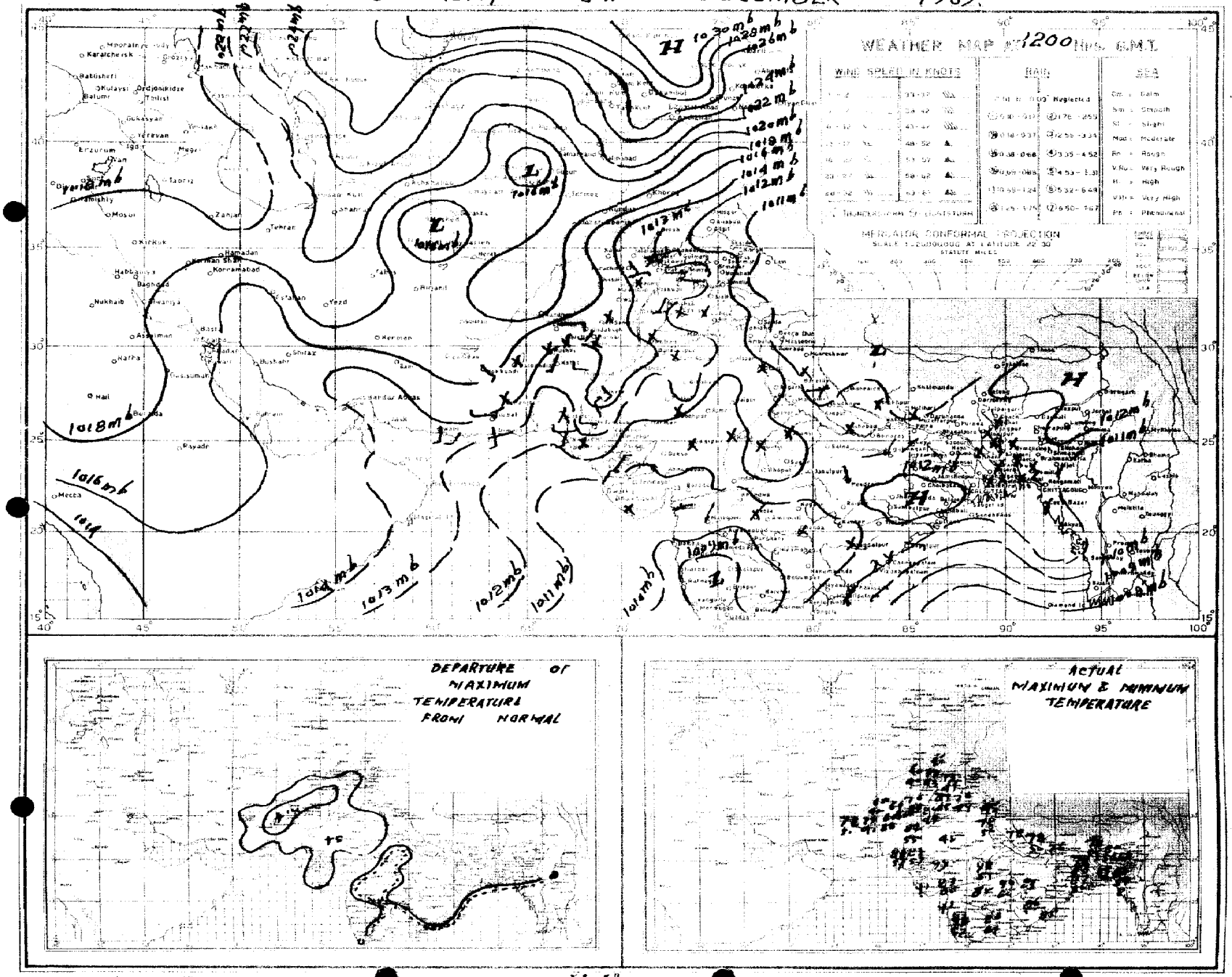
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

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

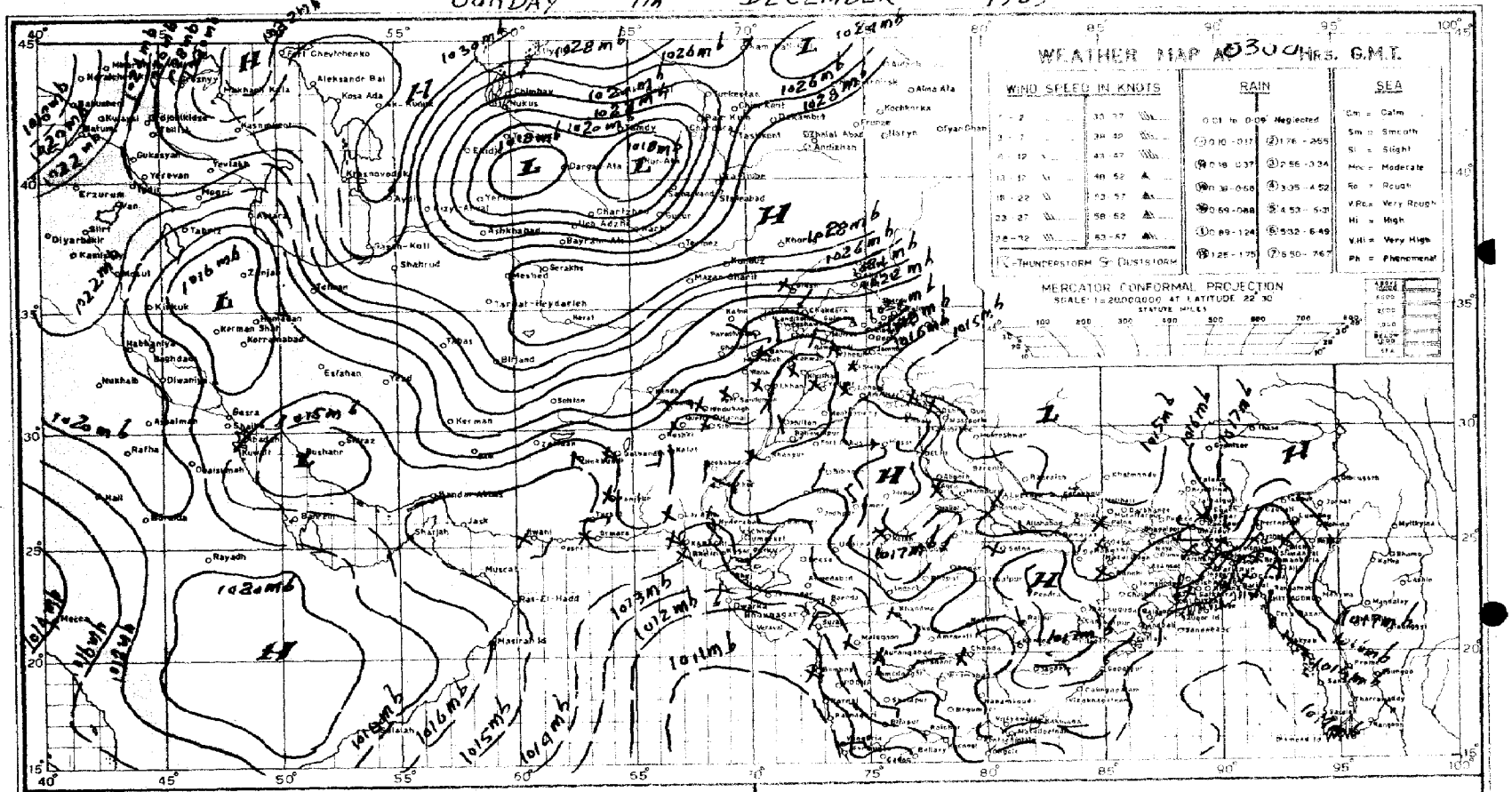
PAKISTAN DAILY WEATHER MAP

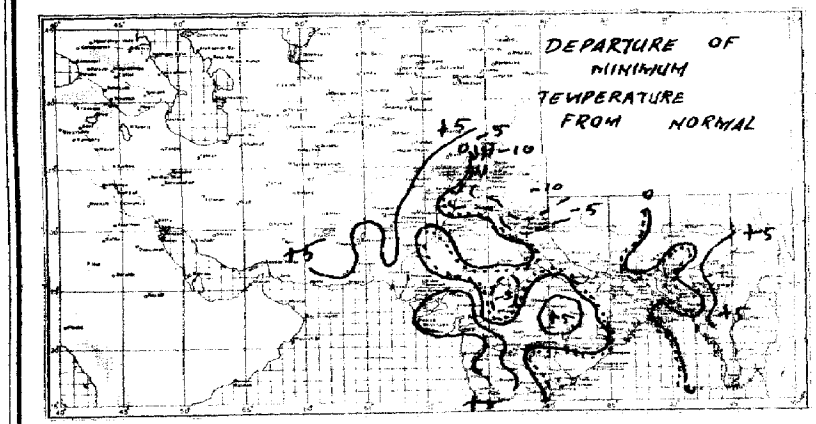
SATURDAY 6th DECEMBER 1969.

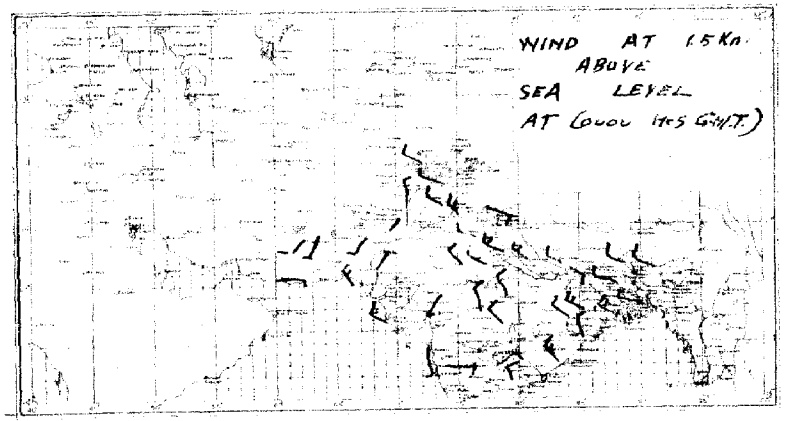


PAKISTAN DAILY WEATHER MAP

SUNDAY 7th DECEMBER 1969







PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 8th DECEMBER 1969.

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

The western disturbance over East Russian Turkistan moved away. A fresh western disturbance is moving across north of Afghanistan, with its associated trough extending to Kalat division. The trough of low pressure over Chittagong division has become unimportant. Weather remained dry over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in Khulna, Rajshahi, Rawalpindi, Bahawalpur, Kalat, Karachi and Hyderabad division and 7—11 °F (4 - 6 °C) so in Peshawar, Quetta and Khairpur divisions and 3—4 °F (2 °C) below normal in Dacca division

Forecast valid until the evening of 9th December 1969 : – A few falls of rain/drizzle may occur in D. I. Khan, Peshawar divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 8th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	36	02	95	00	0	116	72	0	0	9	0	0	59	80
	Cox's Bazar	000	0	1	00	00	//	02	0	112	72	0	0	9	0	1	63	80
	Chittagong	000	9	0	00	00	//	00	0	115	72	0	0	9	0	0	60	80
	Maijdee Court	000	0	0	00	00	96	02	0	118	67	0	0	9	0	0	58	82
	Comilla	000	0	0	00	00	//	00	0	120	70	0	0	9	0	0	59	80
	Brahmanbaria	000	9	0	00	00	//	01	4	///	70	0	0	9	0	0	59	77
	Sylhet	000	0	0	00	00	//	00	0	128	67	0	0	9	0	0	64	80
	Srimangal																	
Dacca	Mymensingh	000	0	0	00	00	//	00	0	126	73	0	0	9	0	0	63	80
	Narayanganj	000	0	0	00	00	//	00	0	121	73	0	0	9	0	0	56	80
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	114	70	0	0	9	0	0	58	78
	Faridpur	000	0	0	00	00	93	00	0	111	72	0	0	9	0	0	59	76
Khulna	Barisal	000	0	1	00	00	//	02	2	114	72	1	4	5	0	0	63	68
	Khulna	000	0	0	00	00	97	00	0	107	82	0	0	9	0	0	78	82
	Satkhira	000	0	0	00	00	95	00	0	134	67	0	0	9	0	0	59	80
	Jessore	000	0	0	05	03	97	02	0	120	68	0	0	9	0	0	54	78
Rajshahi	Pabna	000	0	0	06	01	//	00	0	124	73	0	0	9	0	0	63	78
	Sirajganj	000	0	0	00	00	94	02	0	122	70	0	0	9	0	0	60	78
	Rajshahi	000	0	0	00	00	//	02	0	108	68	0	0	9	0	0	//	72
	Bogra	000	0	0	00	00	//	00	0	120	70	0	0	9	0	0	59	78
	Dinajpur	000	0	2	00	00	96	01	0	107	60	2	0	9	1	0	56	78
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	95	01	0	120	72	2	0	9	5	1	49	78
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	27	02	96	01	0	121	72	0	0	9	0	4	49	86
	Islamabad																	
	Rawalpindi	000	0	5	27	02	98	02	2	132	67	0	0	9	6	0	40	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	07	//	97	00	0	111	76	0	0	9	0	0	49	80
	Sargodha	000	0	5	27	03	97	03	1	123	73	0	0	9	0	2	47	80
	Lyallpur	000	0	0	00	00	96	00	0	121	72	0	0	9	0	0	49	80
Multan	Sahiwal	000	0	3	00	00	97	02	0	127	72	0	0	9	0	1	54	78
	Multan	000	0	0	09	00	94	00	0	182	77	0	0	9	0	2	59	77
	Leiah																	
Bahawalpur	Khanpur	000	0	5	00	00	97	02	2	122	77	1	0	9	3	2	54	82
	Bahawalpur	000	0	0	00	00	95	00	0	124	77	0	0	9	0	0	63	85
	Fort Abbas	///	0	0	00	00	98	00	0	133	78	0	0	9	0	0	58	78
Peshawar	Chakdra	000	0	3	23	02	97	03	0	119	67	0	0	9	0	4	40	67
	Peshawar	000	0	7	00	00	96	04	1	133	67	0	0	9	0	1	58	77
	Haripur	000	0	0	23	02	98	00	0	142	67	0	0	9	0	0	40	73
D. I. Khan	Bannu	000	0	3	00	00	99	01	1	126	72	0	0	9	0	8	40	76
	D. I. Khan	000	0	0	00	00	97	02	0	129	72	0	0	9	0	0	51	77
Quetta	Sibi	000	0	2	18	03	97	83	1	124	82	0	2	9	2	0	52	87
	Nokkundi	000	0	0	05	05	91	02	0	826	80	0	0	9	0	0	37	82
Kalat	Turbat	010	0	0	27	02	96	00	0	976	84	0	0	9	0	0	50	84
	Jiwani	000	0	4	27	03	96	02	1	117	78	4	6	9	3	0	60	80
	Pasni	000	0	4	25	08	97	02	0	142	74	4	0	9	0	0	79	83
Karachi division	Ormara	000	0	1	25	05	96	04	4	116	82	1	0	9	0	0	65	83
	Lasbela	///	0	2	00	00	98	00	0	101	50	0	0	8	0	0	59	92
	Karachi (Manora)	000	0	0	23	03	97	02	0	115	79	0	0	9	0	0	64	85
	Karachi (Airport)	000	0	0	23	09	96	01	0	115	81	0	0	9	0	0	55	89
Hyderabad	Nagarparker	000	0	0	05	02	57	02	0	211	84	6	6	6	0	0	50	90
	Chhor	000	0	0	05	02	97	02	0	116	84	0	0	9	0	0	49	//
	Hyderabad	000	0	0	31	01	97	02	0	113	90	0	0	9	0	0	52	92
	Badin																	
Khairpur	Padidan	000	0	1	[illegible]	02	96	01	0	116	81	0	0	9	0	1	41	85
	Nawabshah	000	0	2	00	00	96	03	4	120	85	0	0	9	0	0	26	87
	Sukkur	000	0	4	13	02	95	05	0	///	//	4	0	9	9	0	3.	66
	Kashmore																	
	Jacobabad	000	0	0	00	00	//	01	0	115	81	0	0	9	0	0	48	82
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	13	03	97	02	1	561	50	3	5	4	4	0	28	60
Peshawar	Drosh *	000	0	5	36	09	97	01	1	507	60	3	0	7	5	0	30	63
	Cherat *	000	0	6	16	02	98	03	1	504	60	0	0	9	0	5	36	67
	Kakul *	000	0	0	36	07	98	02	0	583	70	0	0	9	0	0	20	67
	Landikotal *	000	0	3	06	03	98	02	0	512	56	0	0	9	0	4	//	63
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	512	72	0	0	9	0	0	30	73
	Wana *																	
Quetta	Fort Sandeman *	000	0	2	06	00	98	01	1	486	64	0	0	9	0	1	23	72
	Hindubagh *	000	0	0	20	05	94	05	0	519	60	0	0	9	0	0	33	62
	Loralai *																	
	Barkhan *	000	0	0	00	08	96	02	0	437	69	0	0	9	0	0	42	71
	Harnai *	000	0	4	00	00	96	03	0	488	62	4	0	9	0	4	37	63
	Samungli (Quetta) *	000	0	0	09	03	97	00	0	523	62	0	0	9	0	0	37	65
	Chaman *	000	0	4	31	03	97	03	0	533	73	0	0	9	0	2	43	73
	Nushki *	000	0	/	//	02	98	01	0	505	78	0	0	9	2	0	27	//
	Dalbandin *																	
Kalat	Kalat *	000	0	0	23	06	91	00	2	571	61	0	0	9	0	0	25	67
	Khuzdar *																	
	Panjgur *	000	0	4	00	00	96	03	1	490	75	0	0	9	0	1	41	76

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	009	0	0	00	00	96	02	0	167	45	0	0	9	0	0	59	58	+ 1	— 1	1.2	— 1.2	105.7	140
	Chittagong	000	9	0	00	00	97	00	0	168	64	0	0	9	0	0	58	56	+ 1	— 4	0.4	— 1.4	128.5	103
	Maijdee Court	000	0	0	00	00	96	02	0	163	65	0	0	9	0	0	59	62	+ 2	+ 6	0.5	— 1.0	64.2	115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					94
	Brahmanbaria	000	0	0	09	02	96	02	0	166	68	0	0	9	0	0	59	58	—	—	1.5	—	84.5	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					—
	Srimangal																							98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					91
	Narayanganj	000	0	0	05	02	97	00	0	171	73	0	0	9	0	0	60	58	+ 1	+ 1	—	—	—	74
	Dacca (Tezgaon)	000	0	0	00	00	57	02	0	168	65	0	0	9	0	0	58	56	—	—	1.3	—	66.0	—
	Faridpur	000	0	0	00	00	97	00	0	165	72	0	0	9	0	0	60	54	— 1	— 3	1.6	+ 0.4	58.5	71
Khulna	Barisal	000	0	0	00	00	97	00	0	167	68	0	0	9	0	0	60	56	— 1	— 1	1.0	— 0.7	65.2	81
	Khulna	000	0	0	00	00	57	00	0	173	73	0	0	9	0	0	62	60	+ 3	+ 4	1.4	+ 0.1	74.5	68
	Satkhira	000	0	0	36	01	97	00	0	177	65	0	0	0	0	0	58	54	— 1	0	0.2	— 0.7	61.7	65
	Jessore	000	0	0	00	00	96	05	0	173	62	0	0	9	0	0	58	51	—	—	1.1	+ 0.1	62.5	65
Rajshahi	Pabna	000	0	0	31	02	97	02	0	171	68	0	0	9	0	0	59	59		—	1.0	—	66.3	59
	Sirajganj	000	0	3	36	02	97	03	1	170	65	0	0	9	0	0	60	56	+ 1	+ 1	3.0	+ 2.4	70.3	64
	Rajshahi	000	0	0	31	05	96	05	4	174	65	0	0	9	0	0	60	58	+ 1	+ 1	1.3	+ 0.4	59.6	—
	Bogra																		— 1 / 0					69
	Dinajpur	000	0	0	09	02	96	01	0	157	64	0	0	9	0	0	58	54	+ 1	+ 1	1.5	+ 1.1	87.5	73
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	01	1	170	51	1	0	9	3	2	43	47	+ 3	+ 6	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	//	00	0	175	51	0	0	9	0	0	49	30		+ 1	0.0	— 0.3	11.5	32
Rawalpindi	Jhelum	000	0	2	00	00	96	02	0	165	45	0	0	9	0	1	40	43	—	—	0.0	—	31.2	—
	Islamabad																							
	Rawalpindi	000	0	0	00	00	97	00	0	179	43	0	0	9	0	0	38	41	+ 7	+ 3	0.2	— 0.3	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	97	06	0	151	49	0	0	9	0	0	41	43	+ 6	0	0.0	— 0.1	7.8	15
	Sargodha	000	0	2	00	00	95	04	0	163	45	0	0	9	0	1	43	43	—	—	0.1	—	20.7	—
	Lyallpur	000	0	4	00	00	95	02	0	166	50	0	0	9	0	4	43	43	+ 8	+ 1	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	1	2	00	00	93	40	4	164	47	0	0	9	0	1	43	45	+ 4	+ 1	0.0	— 0.1	11.3	10
	Multan	000	0	0	36	00	93	00	0	215	40	0	0	9	0	0	35	38	—	—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	3	00	00	96	02	0	158	54	0	0	9	0	2	43	43	+ 6	—	0.0	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	166	59	0	0	9	0	0	41	49	+ 10	+ 4	—	—	—	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	6	05	02	97	01	1	176	41	2	0	9	3	9	38	40	—	—	0.0	—	23.2	—
	Peshawar	000	0	2	00	00	97	03	0	178	45	1	0	9	3	1	40	43	+ 8	+ 1	0.5	+ 0.1	14.8	11
	Haripur	000	0	0	05	02	97	00	0	177	51	0	0	9	0	0	33	45	—		1.0	—	24.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	163	51	0	0	9	0	0	35	47	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	164	49	0	0	9	0	0	35	43	+ 3	+ 1	0.0	— 0.2	6.0	9
Quetta	Sibi	000	0	0	00	00	97	03	1	171	50	4	2	9	4	2	52	48	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	65	03	97	02	0	174	48	0	0	9	0	0	16	48	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	013	64	0	0	9	0	0	49	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	2	36	03	56	01	0	166	57	2	6	5	0	0	62	66	—	—	0.0	—	2.0	5
	Pasni	000	0	4	23	04	97	02	0	149	65	4	0	9	0	0	65	//	+ 4	—	0.0	— 0.3	0.2	6
Karachi division	Ormara	000	0	3	00	00	96	03	3	153	69	3	0	7	3	0	67	//	—	/	0.0	0.0	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	5	02	03	96	03	0	046	68	0	0	9	0	1	58	65	+ 5	+ 4	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	5	36	02	96	03	0	151	60	1	0	9	3	1	46	57	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	3	31	02	97	03	0	155	61	1	0	9	3	1	47	57		+ 4	0.0	— 0.1	0.3	7
	Hyderabad	000	0	0	00	00	96	02	0	153	//	0	0	9	0	0	29	51	+ 10	— 2	0.0	— 0.2	0.3	9
	Badin																							—
Khairpur	Padidan	009	0	3	00	00	96	02	0	155	52	0	0	9	0	1	36	47	—	—	0.0	—	0.8	—
	Nawabshah	000	0	6	31	03	96	03	1	150	55	0	0	9	0	2	49	50	—	—	0.0	—	1.1	4
	Sukkur	000	2	6	13	03	95	05	4	151	60	6	0	9	6	0	51	56	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	4	39	02	96	03	0	153	52	/	/	/	/	/	//	54	+ 5	+ 7	0.1	0.0	2.8	20
Junagadh	Veraval																							26
HILL STATIONS																								
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							16
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					18
Peshawar	Drosh *	000	0	4	00	00	97	03	0	551	43	3	0	9	3	1	16	41		+ 4	0.6	—	1.6	29
	Cherat *	000	0	0	36	14	98	00	0	530	58	0	0	9	0	0	23	54	+ 6	+ 11	0.6	— 0.0	15.0	—
	Kakul *	000	0	0	36	02	98	//	0	176	41	0	0	9	0	9	29	38	—	—	0.7	—	33.6	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Parachinar *	000	0	0	00	00	98	02	0	531	45	0	0	9	0	0	22	40	+ 6	+ 7	0.0	—	22.2	12
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	529	49	0	0	9	0	0	27	43	—	—	0.0	— 0.1	2.0	11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	0	13	02	99	02	0	510	40	0	0	9	0	0	//	37	+ 12	+ 3	0.0	— 0.2	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	574	38	0	0	9	0	0	18	20	—	—	0.0	—	0.2	9
	Loralai *																							—
	Barkhan *	000	0	0	00	00	96	02	0	476	45	0	0	0	0	0	14	//	—	/	0.0	— 0.4	5.6	14
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Samungli (Quetta) *	000	0	0	09	03	//	00	0	502	51	0	0	9	0	0	30	45	+ 6	+ 8	0.0	— 0.7	4.7	8
	Chaman *	000	0	0	07	03	97	02	0	547	59	0	0	9	0	0	32	//	—	—	0.0	—	2.6	—
	Nushki *	000	0	3	05	03	58	03	0	484	42	0	0	9	0	0	24	41	—	—	0.0	— 0.1	0.5	4
	Dalbandin *																							7
Kalat	Kalat *	000	0	0	18	03	96	00	2	514	39	3	0	9	0	0	16	30	+ 10	—	0.0	— 0.4	2.2	—
	Khuzdar *																							
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 10					—

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 8th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Rotti/Phem	99 2 30	10 6 34	07 0 63	08 1 06	98 0 20	15 8 24	00 9 00	33 1 17	...		0 / / 19	12 6 79	30 1 81	00 / 00
Hina	99 2 59	10 5 69	97 0 63	29 9 03	99 8 20	10 3 75	21 3 00	...	74 2 11		05 3 65	17 8 78	30 1 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_oT_oT_oT_oD_oD_o$	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 182 26	...	500 166 59	152 128 60	589 031 57	759 147 60	973 309 60	248 555 //	...	...	...	...	...
Dacca ...	00 00	014 153 38	...	420 048 0/	042 041 61	564 171 61	730 239 62	936 323 66	...	--	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	010 160 34	...	500 150 56	121 080 //	583 031 //	755 165 //	967 271 //	...	...	...	...	...	...
Multan ...	00 00	990 801 4	...	480 136 20	122 070 56	579 111 //	749 181 //	959 311 //	241 391 //	...	...	...	...	...
Peshawar ...	00 00	973 182 22	...	420 124 28	082 034 30	572 137 //	738 253 //	940 405 //	208 531 //	...	...	...	...	...
Quetta ...	00 00	821 062 58	...	...	095 046 56	577 079 //	746 187 //	956 301 //	...	...	...	...	...	...
Sargodha ...	00 00	992 120 58	...	510 100 57	062 005 60	567 161 //	731 275 //	933 385 //	199 505 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 150 56	800 156 59	600 044 59	...	...	...	...	...	...	...		--
Dacca ...	00 00	900 104 56	800 014 61	600 101 63	...	...	--	...	...	..		...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	--	...	...	...	...	--	...	--
Multan .	00 00	...	...	..	...	...	..	...	...	...	...	..	...
Peshawar ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	..	...	...	...	...	...	...	...	...
Sargodha ...	00 00	--	...	...	..	...	...	...	...	...	..	...	...

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

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal	340 04	330 04	330 06	315 04	310 12	310 11	..	--	...	030 13	030 11	020 05	310 07	305 13	200 //	340 05	345 05	335 06	310 08	295 09	295 13	250 16				...
Bogra ...	115 01	320 50	010 05	351 11	340 11	330 18	...	...	...	360 15	345 19	315 17	285 11	225 12		025 12	025 13	025 11	160 06	100 07	280 35	260 34	275 35	255 43		
Chaklala ...	...	285 08	310 02	315 04	325 04	015 05	285 04	...	...	...	080 01	340 01	325 07	250 03	200 05	...	115 02	180 02	255 02	175 02	175 05	215 20	220 26	225 39	230 42	...
Chhor ...	340 01	055 02	075 03	235 02	215 03	245 12	255 12	230 25	250 21	135 05	160 05	170 07	230 03	250 10	240 26	100 07	110 05	115 04	280 05	265 08	215 13	215 23	235 26	235 31	245 34	220 57
Chittagong .	350 08	350 10	350 08	325 03	280 09	245 17	...	..	..	...	...	...	...	...	...	005 04	010 01	155 05	215 07	285 05	245 15	265 23	255 35	240 32	270 22	255 41
Cherat	...	...	...	...		...	..	...	...	...	...	...				...	...	..	...	--	...	...	...	..		--
Cox's Bazar ...	345 14	355 11	010 08	035 08	085 05	075 06	..	...	...	015 17	015 16	010 15	005 10	340 06	340 06											
Dacca ...	310 07	320 03	340 03	360 03	035 05		...	...	..	340 08	355 07	330 06	...	330 12		035 04	350 03	045 05	010 07	345 10	290 18	285 35	270 31	275 41	275 47	280 51
Dalbandin ...	...	...	115 01	185 02	175 04	240 12	220 21	230 33	230 37	--	...	070 05	115 06	185 08	215 14	...	...	...	...	...	...	...	...		...	...
D. I. Khan ...	170 02	135 05	100 04	030 06	375 03	010 06		...		075 05	055 06	030 05	315 13	250 09	...	100 06	170 05	170 05	125 04	095 03	180 03	210 11	180 20	200 21	210 24	225 04
Drosh ...	...	...	...	060 55	030 04	055 03	155 04	230 08	250 09	...		...	070 01	045 07	010 18	--	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	..		...						...	...		..	205 02	310 07	325 04	--	...	...	225 01	130 03	250 03	205 08	180 19	205 31	215 50	230 59
Gilgit ...	...	...	...	270 01	225 10	270 05	110 09	165 10	--				320 01	280 08	...	...	...	-	...	--	..	...	..	...	...	...
Ishurdi ...										015 10	015 10	010 09	360 04	...	...	...	...	.	...	...	..	...	...	...	...	..
Jacobabad ...	190 06	190 08	/// //	195 03	165 07	140 16	195 23	220 19	225 42	...				...	...	120 05	150 07	/// //	185 10	225 09	120 05	195 19	...	...	..	...
Jessore ...	360 03	360 03	345 03	250 04	325 16	315 29	...	...	...	025 12	020 03	035 10	360 10	335 15	290 07	015 06	010 07	020 06	360 08	330 15	280 33	...	...	...	...	...
Jhelum ...	295 12	300 45	300 43	305 16	305 17	355 05	245 07	275 15	265 20	300 09	3.0 0/	320 11	310 12	300 07	260 06	025 02	345 06	350 03	300 07	270 09	180 09	180 16	205 23	200 31	205 37	230 60
Jiwani ...	250 07	225 02	020 01	135 05	215 08	245 15	260 20			315 16	244 08	140 02	070 04	050 05	250 07	320 10	290 07	210 04	070 06	030 14	360 08	265 22	280 27	295 36	...	...
Karachi ...	205 13	035 06	350 02	270 08	255 02	255 08	250 19	245 18	240 23	...	...		...	---		325 06	280 04	252 06	215 14	230 16	240 16	280 24	..	...	...	...
Khanpur ...	250 //	235 09	235 08	255 11	250 12	285 07	310 06	265 0	260 26	220 08	220 05	215 04	230 06	250 //	250 17	140 08	170 08	200 07	230 09	255 08	175 12	200 13	...	...	...	...
Khuzdar ...	...	...	...	135 06	195 06	205 18	235 18	235 23	230 33	...	...		200 04	210 07	235 15			...	330 02	315 04	220 09	...	...	...	...	...
Lahore .	315 04	305 15	295 08	310 15	320 20	300 20	350 15	340 07	300 17	305 07	305 12	305 13	280 09	330 10	315 08	315 03	285 06	275 07	300 08	340 06	180 07	225 15	215 20	220 26	...	...
Multan ...	080 05	150 10	150 11	205 08	205 07	235 10	260 18	265 23	270 28	145 07	185 04	215 04	215 07	240 11	240 14	220 06	200 08	210 12	225 16	195 15	180 16	190 26	...	-	...	...
Nawab Shah ...	150 05	145 05	125 04	110 16	335 07	155 07	240 18	220 20	235 26	330 07	275 04	300 03	150 07	210 12	250 16	040 04	355 01	135 03	200 07	235 09	225 21	...	...	...	...	...
Nokkundi .	...	...	040 02	33. 02	250 01	270 04	230 03	280 07	230 09	...	...	210 08	280 08	310 17	345 17	..	...	325 02	275 02	260 03	255 06	235 12	215 19	250 21	..	--
Panjgur ...	--	...	--	230 07	195 07	215 12	235 17	255 23	250 34	...			245 11	345 12	240 17	...		...	075 02	305 06	205 02	160 08	220 21	235 31		...
Peshawar ...	...	240 03	255 02	265 06	260 03	255 04	25/ 20	255 27	255 30	...	260 03	010 02	335 01	205 03	195 07	...	185 05	/// //	110 02	185 06	175 09	180 18	210 30	215 34	225 41	230 51
Parachinar ...	...	...	--	135 01	130 56	250 23	220 10	...	270 29	...	...	...	245 06	120 03	-	...	...	...	...	...	...	...	...	...		...
Quetta ...	...	...	...	...	180 08	215 20	//5 12	265 35	...	...		...	...	...	...	...	...	...	...	195 20	240 15	340 10	190 16	240 29	220 68	...
Sargodha ...	260 04	250 6/	320 06	310 08	330 05	320 08	260 17	265 22	265 26	285 06	295 04	320 03	285 04	220 12	215 07	250 04	240 04	225 03	205 04	230 05	195 10	185 15	200 25	230 27	230 37	235 46
Skardu ...	...			125 03	/// //		...	...	...	...			280 02	/// //		--	...	...	...		...	...	-	...		...
Sylhet ...	170 03	005 04	065 01	015 11	065 07	305 29	..	--	...	065 11	070 05	090 10	035 05	275 10	260 63	--	...	...	..	..	...	...	...	...	...	...
Veraval ...	...	..	.	..	...			...	...	...	..	...	--	..	..	...	...	...	...	...	.	..	...	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	295 12	015 14	250 14	250 10	225 08	220 21	225 19	230 24	235 36	...	...	...	...	...	...	...	...	...
Multan ...	360 19	270 10	290 08	195 08	195 08	195 10	215 4/	235 31	235 36	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

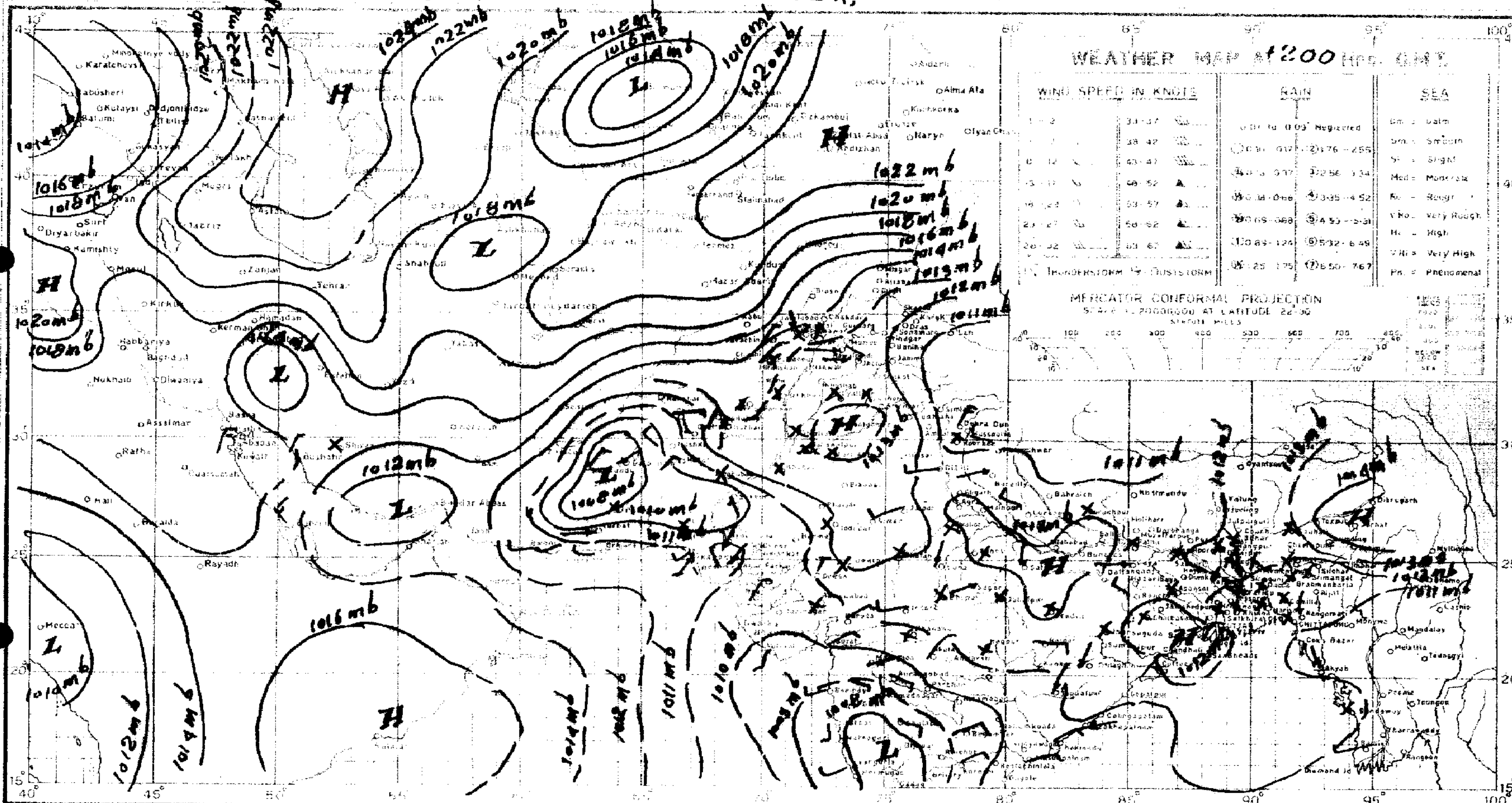
† The actual time of observations may vary within half an hour of the specified time.

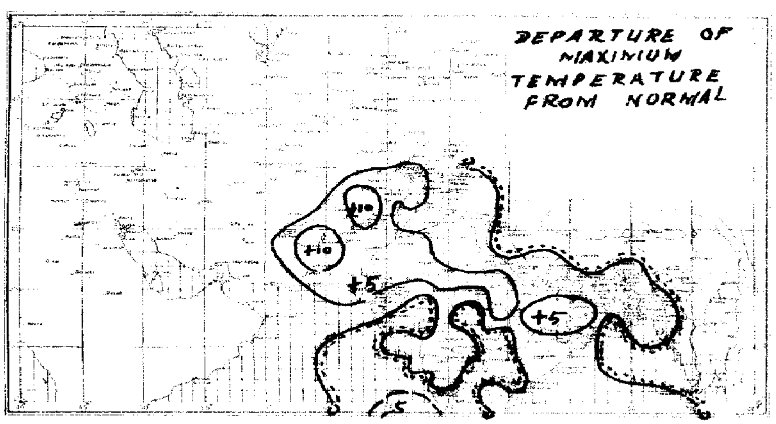
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" omitted.

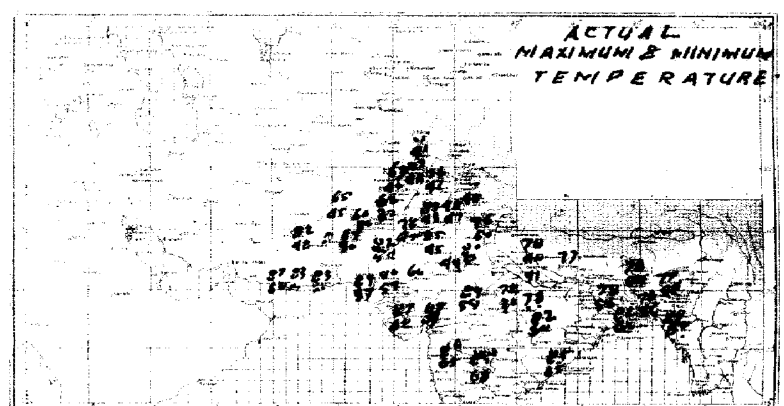
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 7th DECEMBER, 1969.



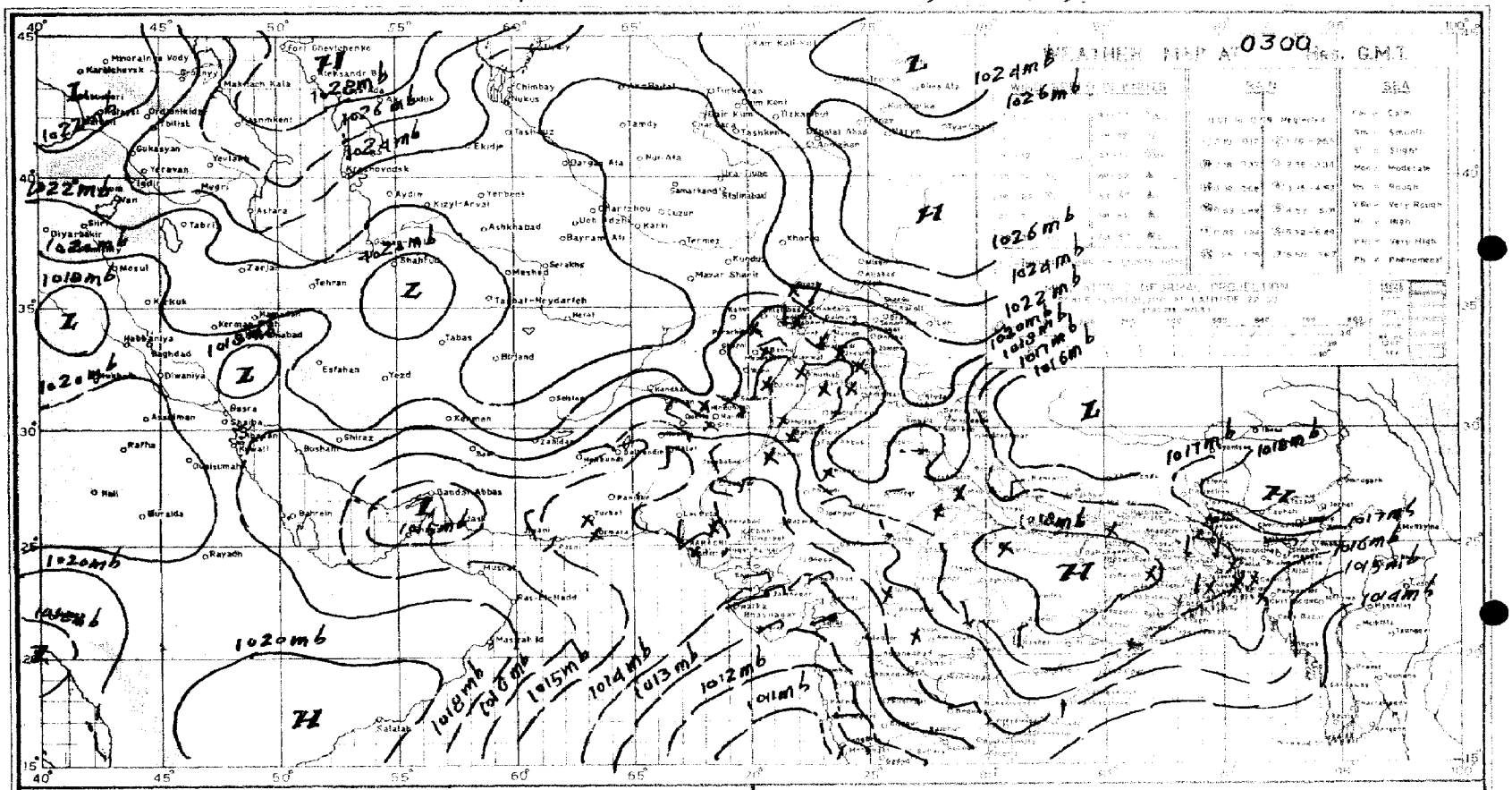


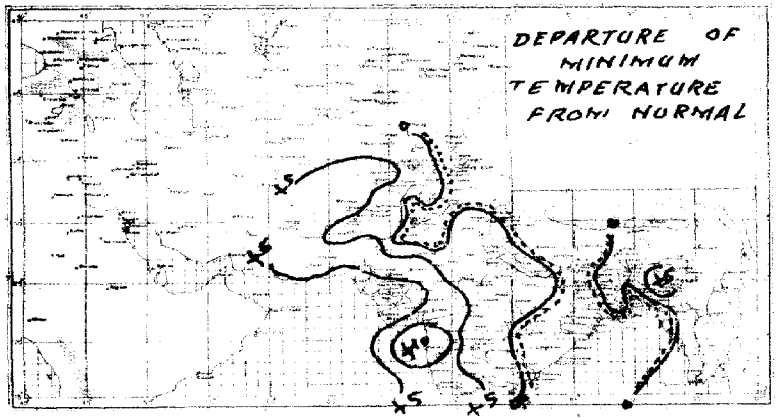


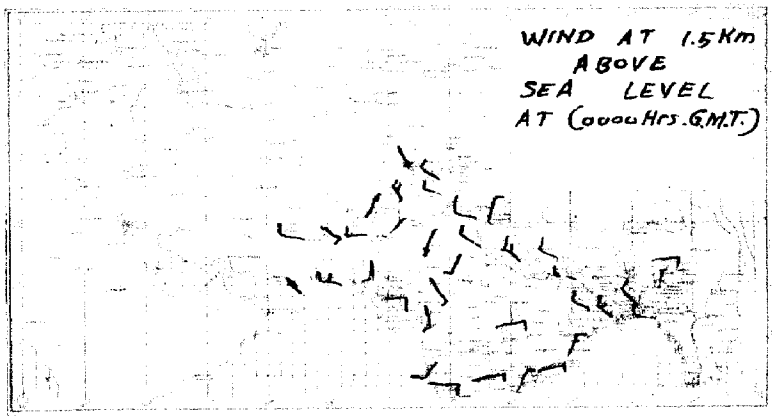
RWXD'61-5,000'63-5,000'67.

PAKISTAN DAILY WEATHER MAP

MONDAY 8th DECEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 9th DECEMBER 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance is now moving across East Russian Turkistan. Its associated trough extends to Quetta division. Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Chittagong division and in Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar, Quetta, Hyderabad and Khairpur divisions and were 3—4 °F (2 °C) below normal in Chittagong and Kalat division

Forecast valid until the evening of 10th December 1969 : – Scattered thunderstorms/showers are likely to occur in Peshawar and Rawalpindi divisions and Kashmir. A few falls of light rain/drizzle may also occur in Quetta division. Weather will be dry elsewhere over the country.

Karachi-11
The 9th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	34	02	95	01		139	73	/	/	7	0	0	59	80
	Cox's Bazar	000	0	0	00	00	//	02	0	131	71	0	0	9	0	0	59	//
	Chittagong	000	0	2	00	00	//	01	0	136	72	0	0	9	0	1	59	79
	Maijdee Court	000	9	0	00	00	//	00	0	175	72	0	0	9	0	0	60	78
	Comilla	000	0	0	00	00	96	02	0	142	80	0	0	9	0	0	64	85
	Brahmanbaria	000	0	6	00	00	//	03	1	131	72	0	0	9	1	1	60	82
	Sylhet	000	0	0	00	00	//	00	0	145	72	0	0	9	0	0	63	81
	Srimangal																	
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	0	00	00	//	00	0	137	75	0	0	9	0	0	60	82
	Dacca (Tezgaon)	000	0	4	00	00	96	01	2	137	72	0	0	9	0	1	59	80
	Faridpur	000	0	0	34	06	93	00	0	108	75	0	0	9	0	0	58	77
Khulna	Barisal	000	0	0	00	00	//	02	2	136	69	0	0	9	0	0	62	79
	Khulna	000	0	0	00	00	97	00	0	143	75	0	0	9	0	0	42	81
	Satkhira	000	0	0	00	00	//	00	0	140	69	0	0	0	0	0	60	81
	Jessore	000	0	0	30	13	97	02	0	137	78	0	0	9	0	0	59	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	137	62	0	0	9	0	0	60	79
	Sirajganj	000	0	0	36	01	//	00	0	133	73	0	0	9	0	0	63	79
	Rajshahi	000	0	3	31	02	94	03	0	143	72	0	0	9	0	8	60	78
	Bogra	000	0	3	00	00	//	02	1	137	69	0	0	9	0	1	60	72
	Dinajpur	000	0	0	00	00	//	00	0	136	72	0	0	9	0	0	62	79
	Rangpur	000	0	2	00	00	96	01	1	106	60	2	0	9	1	0	54	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	95	02	0	143	68	2	0	9	7	1	52	79
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	3	13	02	96	01	2	145	66	0	0	9	0	1	49	75
	Islamabad																	
	Rawalpindi	000	0	5	00	00	98	02	2	145	62	0	0	9	0	4	46	77
	Campbellpur																	
Sargodha	Khushab	000	0	8	00	08	97	01	1	///	73	8	0	9	4	0	52	80
	Sargodha	000	0	6	00	00	97	02	2	143	73	2	0	9	3	7	46	82
	Lyallpur	000	0	4	00	00	96	02	0	134	71	4	3	9	0	0	54	79
Multan	Sahiwal	000	0	6	00	00	97	02	2	139	69	0	0	9	7	0	52	79
	Multan	000	0	0	36	00	94	00	0	188	77	0	0	9	0	0	35	77
	Leiah																	
Bahawalpur	Khanpur	000	0	0	03	03	98	00	0	094	66	0	0	9	0	0	38	70
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
	Fort Abbas																	
Peshawar	Chakdra																	
	Peshawar	000	0	1	00	00	96	04	1	139	66	0	0	9	0	1	54	75
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	5	00	00	99	02	2	142	72	0	0	9	0	4	49	80
	D. I. Khan																	
Quetta	Sibi	000	0	0	00	00	97	02	0	138	81	0	0	9	0	0	36	83
	Nokkundi	000	0	0	13	05	96	02	0	108	78	0	0	9	0	0	40	7
Kalat	Turbat	000	0	0	27	02	96	00	0	986	84	0	0	9	0	0	45	84
	Jiwani	000	0	2	23	05	96	02	0	131	77	2	5	6	0	0	59	7
	Pasni	000	0	4	23	06	97	02	0	132	81	4	0	9	0	0	69	82
Karachi division	Ormara	000	0	0	27	10	96	02	0	133	78	0	0	9	0	0	71	83
	Lasbela	000	0	2	00	00	97	00	0	119	90	0	0	9	0	0	59	92
	Karachi (Manora)	000	0	0	25	02	97	02	0	123	77	0	0	9	0	0	66	85
	Karachi (Airport)	000	0	0	20	75	96	01	0	127	79	0	0	9	0	0	65	87
Hyderabad	Nagarparker	000	0	0	05	22	97	02	0	141	85	0	0	9	0	0	84	93
	Chhor	000	0	1	00	00	96	02	0	123	86	0	0	9	0	0	47	90
	Hyderabad	000	0	1	36	03	97	01	0	190	81	1	0	9	3	0	53	86
	Badin	008	0	0	36	01	97	02	0	123	87	0	0	9	0	0	53	88
Khairpur	Padidan	000	0	2	36	02	96	01	0	121	76	2	0	9	3	0	42	7
	Nawabshah	000	0	5	36	02	96	01	4	136	79	0	0	9	7	0	67	82
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Kashmore																	
	Jacobabad	000	0	2	05	02	97	01	0	131	77	0	0	9	0	1	47	78
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	00	00	98	01	1	519	52	2	5	4	4	0	30	60
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	3	11	02	98	02	0	516	60	0	0	9	0	4	38	69
	Kakul *																	—
	Landikotal *	...	...	...	...	—	—		...	...	—	...	...	...	...	...	...	
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	522	71	0	0	9	0	0	33	72
	Wana *																	
Quetta	Fort Sandeman *	000	0	5	27	02	98	01	2	[illegible]	67	2	0	9	3	1	//	69
	Hindubagh *	000	0	0	22	03	96	02	0	524	52	0	0	9	0	0	30	55
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	489	66	0	0	0	0	0	25	71
	Samungli (Quetta) *	000	0	1	27	03	96	02	0	507	60	1	3	7	0	0	23	62
	Chaman *	000	0	0	27	03	97	00	0	514	66	0	0	9	0	0	37	67
	Nushki *	000	0	4	00	00	97	02	0	556	68	0	0	9	0	0	38	74
	Dalbandin *	000	0	0	05	02	97	02	0	515	71	0	0	9	0	0	30	73
Kalat	Kalat *	000	0	0	36	03	96	00	2	494	55	0	0	9	0	0	29	57
	Khuzdar *	000	0	0	00	00	97	01	0	455	69	0	0	9	0	0	27	72
	Panjgur *	000	0	2	27	02	96	03	0	503	73	2	5	7	0	0	40	77

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	2	02	02	97	42	4	176	75	2	3	6	0	0	62	64	—	—	—	—	—	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					103
	Maijdee Court	000	0	0	00	00	96	00	4	158	49	0	0	9	8	0	59	56	+ 1	— 4	0.4	— 1.4	128.5	115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					94
	Brahmanbaria	000	0	0	00	00	96	00	0	175	73	0	0	9	0	0	//	59	—	—	—	—	—	78
	Sylhet	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	+ 3					—
	Srimangal																							98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	183	69	0	0	9	0	0	62	69		+ 8	—	—	—	91
	Narayanganj	000	0	0	00	00	97	00	0	175	75	0	0	9	0	0	60	60	+ 3	+ 1	—	—	—	74
	Dacca (Tezgaon)	...	...	...	...	...			...			...	...					...	—					—
	Faridpur	000	0	0	00	00	97	00	0	167	65	0	0	9	0	0	59	58	0	+ 1	1.6	+ 0.4	58.5	71
Khulna	Barisal	000	0	0	00	00	97	02	0	173	69	0	0	9	0	0	62	56	0	— 1	1.0	— 0.8	65.2	81
	Khulna	000	0	0	00	00	97	00	0	172	73	0	0	9	0	0	62	60	+ 2	+ 4	1.4	+ 0.1	74.5	68
	Satkhira	000	0	0	00	00	97	00	0	//	//	0	0	9	0	0	61	56	0	+ 2	0.2	— 0.6	61.7	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	000	0	0	31	02	97	02	0	174	65	0	0	9	0	0	62	58	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	05	01	98	00	0	175	65	0	0	9	0	0	64	58	+ 2	+ 2	—	—	—	64
	Rajshahi	000	0	0	36	02	97	02	0	179	65	0	0	9	0	0	62	58	+ 1	+ 3	3.0	+ 2.5	76.3	—
	Bogra	000	0	0	05	02	96	02	0	179	65	0	0	9	0	0	59	//	+ 1	—	1.3	+ 0.4	59.6	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					72
	Rangpur	000	0	0	09	02	96	01	0	175	64	0	0	9	0	0	60	56	+ 1	+ 3	1.5	+ 1.1	87.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	6	193	54	0	0	9	0	0	45	49	+ 4	+ 8	0.0	— 0.1	18.0	19
	Sialkot	000	0	0	00	00	92	00	0	180	50	0	0	9	0	0	50	33		— 10	0.0	— 0.3	11.5	32
Rawalpindi	Jhelum	000	0	1	00	00	94	10	0	204	47	0	0	9	0	1	43	45	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	2	00	00	97	09	0	210	45	0	0	9	0	4	40	41	+ 8	+ 3	0.2	— 0.3	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	8	00	00	97	06	0	162	47	0	0	9	0	0	41	43	+ 6	—	0.0	— 0.1	7.8	18
	Sargodha	000	0	4	05	02	94	04	0	174	47	0	0	9	0	1	45	43	—		0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	95	00	0	196	49	0	0	9	0	0	40	47	0	+ 5	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	5	00	00	96	04	0	188	47	0	0	9	0	2	45	45	+ 5	+ 1	0.0	— 0.1	11.3	10
	Multan	000	0	0	36	01	92	02	2	194	43	0	0	9	0	8	40	40	—	—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	178	51	0	0	9	0	0	43	43	+ 6	— 2	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	189	60	0	0	9	0	0	38	49		+ 4	—	—	—	8
	Fort Abbas																							8
Peshawar	Chakdra																							—
	Peshawar	080	0	5	18	03	97	03	1	206	47	1	0	9	3	1	40	45	+ 6	+ 3	0.3	+ 0.1	14.8	11
	Haripur	000	0	4	05	03	97	03	2	205	51	4	0	9	0	5	39	47		—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	5	00	00	99	03	0	208	45	0	0	9	2	7	40	45	—	—	0.5	—	3.0	11
	D. I. Khan																							9
Quetta	Sibi	000	0	0	18	03	97	02	1	185	52	0	0	9	0	0	46	50	—	—	0.0	—	0.2	5
	Nokkundi	008	0	5	05	03	96	03	0	22:	54	5	5	6	0	0	23	46	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	09	02	96	00	0	032	63	0	0	9	0	0	32	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	0	31	03	56	02	0	166	55	0	0	9	0	0	63	62	—	—	0.0	—	2.0	3
	Pasni	000	0	0	29	02	97	02	0	164	64	0	0	9	0	0	62	//	+ 3	/	0.0	— 0.3	0.2	6
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Lasbela	//	0	3	00	00	98	00	0	175	52	0	0	9	0	0	41	41	—	—	—	—	—	8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					8
	Karachi (Airport)	000	0	0	00	00	96	02	0	164	58	0	0	9	0	0	48	56	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	073	68	0	0	0	0	0	41	68	—	—	—	—	—	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	003	0	0	36	07	97	02	0	167	61	0	0	9	0	0	49	59	+ 6	+ 6	0.0	— 0.1	0.3	9
	Badin	000	0	0	36	04	56	02	0	171	54	0	0	9	0	0	32	51	+ 6	— 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	31	03	96	02	0	170	50	0	0	9	0	0	39	49	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	00	00	56	02	0	175	52	0	0	9	0	0	48	//	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	95	05	4	167	60	6	0	9	0	0	51	54		—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	18	02	96	02	0	174	58	0	0	0	0	0	//	53	—	+ 6	0.1	—	2.8	10
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							24
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	8	5	05	02	98	02	1	447	45	0	0	9	4	0	29	41	+ 3	+ 5	—	—	—	18
Peshawar	Drosh *	000	0	2	36	02	98	01	0	540	54	0	0	7	0	5	27	54		+ 2	0.6	— 0.1	15.0	29
	Cherat *	000	0	3	00	00	97	03	0	994	54	0	0	9	0	5	29	47	—	—	1.0	—	34.0	—
	Kakul *	000	0	4	31	05	98	01	0	6?2	33	4	3	9	0	8	29	32		—	0.7	—	33.6	—
	Landikotal *								0															29
	Parachinar *																		—					13
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—						11
	Wana *																							11
Quetta	Fort Sandeman *	000	0	3	23	02	98	02	0	533	42	2	0	9	3	1	16	36	+ 9	0	0.0	— 0.2	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	572	33	0	0	9	0	0	25	22	—	—	0.0	—	0.2	9
	Loralai *																							—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	587	84	0	0	9	0	0	24	//	—	/	0.0	— 0.4	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	94	02	0	549	41	0	0	9	0	0	61	41	—		—	—	—	8
	Chaman *	000	0	0	09	03	97	00	0	5C2	51	0	0	9	0	0	33	45	+ 8	—	0.0	— 0.5	4.8	—
	Nushki *	000	0	2	31	03	97	02	0	570	47	0	0	9	0	2	19	45	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	5	05	03	97	03	0	509	30	/	/	/	/	/	//	40	+ 10	+ 6	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	18	02	96	00	2	521	31	0	0	9	0	0	30	34	—	— 3	0.0	— 0.4	2.2	—
	Khuzdar *	080	0	0	00	00	96	02		519	46	0	0	9	0	0	30	45	—	—	—	—	—	
	Panjgur *	...	...	...	...	...	...	...	...	...	—	...	—	...	...	...	...	—	+ 11					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 9th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Larderkerk	99 2 10	10 5 94	08 0 63	00 0 00	98 0 20	17 2 24	03 9 00	13 2 08		...	0/ / 22	12 6 44	30 0 00	10 5 01
Likaytlal	99 2 39	10 6 70	08 0 63	13 5 05	97 0 10	14 4 36	11 4 00			84 2 08	05 4 27	12 8 03		...
Larderkerk	99 1 99	10 5 09	08 0 03	00 0 00	98 0 20	14 2 24	00 9 00	13 4 00		--	0/ / 18	12 5 55	30 0 00	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			At surface and Standard Isobaric Levels hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	013 160 87	...	483 134 51	148 084 50	591 105 40	754 187 50	962 345 90	234 565 //	...	...	...	...	...
Dacca		MISDA	...	...	..	...	...	...	...	--	...	...	..	...
Gilgit														
Jiwani														
Karachi	00 00	012 290 16	...	500 140 57	121 034 //	577 115 //	746 195 //	953 355 //	228 475 //	..	...	...	...	...
Multan	00 00	002 083 15	...	580 100 56	107 006 35	574 165 //	738 305 //	936 465 //	202 505 //	...	...	...	...	--
Peshawar	00 00	977 070 11	...	503 070 16	070 015 17	567 173 //	731 277 //	932 401 //	199 527 //	...	--	.	...	...
Quetta	00 00	823	...	...	103 012 //	573 145 //	741 171 //	953 281 //	038 202 40	...	..	..	...	--
Sargodha	00 00	955 140 40	...	460 104 50	058 /21 57	567 185 //	731 275 //	928 385 //	202 515 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 122 00	800 245 0/	600 008 41	...	...	...	...	...	...	...	.	--
Dacca		MISDA	...	...	...	...	...	...	...	..		...	...
Gilgit													
Jiwani													
Karachi	00 00	..	...	...	...	...	...	...	...	...	--	...	...
Multan	00 00	...	...	.	...	...	...	...	..	...	..	.	...
Peshawar	00 00	..	..	...	...	...	...	...	...	...	..	...	...
Quetta	00 00	..	800 056 //	600 065 //	..	...	..	...	...	...	...	...	...
Sargodha	00 00	...	...	...	..	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal	345 07	350 06	345 05	020 04	300 13	305 08			
Bogra	035 03	015 03	015 03	025 05	360 06	305 34	..	--	...
Chaklala	...	135 02	135 03	295 02	185 03	175 09	...	...	...
Chhor	335 02	240 01	180 03	120 05	065 03	240 17	195 13	225 33	245 39
Chittagong	330 01	350 03	150 04	230 04	220 09	240 19	250 27	235 29	225 32
Cherat	...		...		..	...	...	--	..
Cox's Bazar	335 10	335 09	070 07	150 15	155 13	220 03	...	...	...
Dacca	290 03	310 03	335 04	050 05	290 17	...		..	..
Dalbandin	...	...	075 04	070 06	360 01	255 09			
D. I. Khan	175 06	150 04	170 03	195 05	180 10	175 06	265 12	265 17	260 20
Drosh	...	...	...		...		..	...	-
Fort Sandeman	--		...	265 04	235 03	165 07	235 19	245 31	...
Gilgit	..	...	.	...	...	...			---
Ishurdi	..	..		...			--	...	---
Jacobabad	015 04	055 04	095 04	190 09	220 07	245 04	250 21	230 35	235 37
Jessore	335 04	345 05	345 06	105 04	335 15	270 14			
Jhelum	150 02	170 05	180 03	285 05	310 05	210 02	185 13	200 14	220 13
Jiwani	245 06	220 05	275 05	010 11	015 14	335 18	280 21		
Karachi	235 06	260 02	285 02	270 06	265 08	225 10	255 10	235 22	235 22
Khanpur	010 08	005 08	360 10	320 09	265 08	235 12			
Khuzdar	...		...	145 03	245 06	295 06	260 27	245 37	245 33
Lahore	220 03	220 06	235 06	290 08	590 08	310 06	330 06	330 02	250 02
Multan	175 04	215 09	215 11	205 12	185 17	225 11	240 39	...	
Nawab Shah	010 07	020 04	320 03	...	...			...	...
Nokkundi	...	...	245 04	303 03	245 02	260 04	335 10	350 14	350 14
Panjgur	--					...		...	
Peshawar	...	080 08	075 03	175 11	180 07	200 06	195 22	215 22	120 27
Parachinar	...	..	...	...	...				
Quetta	...			...	295 04	225 05	255 15	240 20	240 62
Sargodha	288 02	230 03	205 08	175 10	150 06	208 08	200 15	220 21	
Skardu	...			210 01	/// //	...	250 06	...	--
Sylhet	035 04	070 03	095 05	081 00	070 09	060 08	..	--	...
Veraval	...	..		..	...			...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal						
Bogra	010 04	010 04	020 06	270 04	285 11	..
Chaklala	070 08	110 03	075 04	115 04	225 06	
Chhor	...	055 12	060 02	065 03	060 03	050 01
Chittagong	325 10	345 08	345 08	225 08	225 05	260 16
Cherat	...	...	..	...	...	...
Cox's Bazar	...			...	...	
Dacca	235 05	045 07	075 02	340 02	350 2/	315 02
Dalbandin	--	...	...	...	...	
D. I. Khan	...	...	095 05	070 08	155 15	010 37
Drosh	040 24	045 03	030 02	355 01	235 04	265 07
Fort Sandeman	...	..	...	...	...	...
Gilgit	...	..	...	025 02	340 05	308 09
Ishurdi	.	...	-	/75 01	250 01	245 01
Jacobabad	...			...		...
Jessore	340 07	335 05	310 04	240 04	230 03	325 07
Jhelum	010 09	001 17	005 09	330 04	330 10	265 15
Jiwani	045 01	120 07	115 07	055 03	360 02	210 03
Karachi	210 14	275 13	265 09	325 02	355 05	055 08
Khanpur	--	..		...	...	...
Khuzdar	...	..	...	...		...
Lahore				175 05	190 05	250 05
Multan	110 06	115 04	230 02	350 04	340 02	160 02
Nawab Shah	110 23	175 01	225 04	260 05	305 04	215 11
Nokkundi	005 10	010 09	085 07	335 09	100 04	200 05
Panjgur	..	...	085 07	030 85	030 10	030 10
Peshawar	...			...		...
Parachinar	..	310 09	350 07	160 06	175 05	165 02
Quetta	...	...	...	190 03	065 03	.
Sargodha	...			...		...
Skardu	095 07	110 04	190 03	245 05	080 03	140 05
Sylhet						
Veraval	075 05	065 04	060 06	075 06	170 04	255 19

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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal											
Bogra	060 02	020 04	020 06	360 05	285 08	290 07	280 15	270 15	270 19	.	...
Chaklala	140 02	140 02	140 02	060 05	315 03	060 10	055 10			..	
Chhor	...	200 03	230 01	265 04	320 04	260 11	240 17	260 37	285 34	...	...
Chittagong	055 09	035 11	055 08	240 07	245 11	220 19	220 22	248 23	230 33	...	...
Cherat	275 03	260 03	260 03	230 03	210 03	185 05	170 12	170 23	170 //	...	-
Cox's Bazar	...	...				...	...	...	..	...	-
Dacca	185 04	125 04	160 06	170 20	205 14	285 12	250 15			...	...
Dalbandin	070 06	090 04	025 04	330 07	270 12	270 25	270 33	270 34	270 37	.	...
D. I. Khan	...	-	075 07	081 08	080 06	350 58	215 15	...	..	..	...
Drosh	040 05	055 06	070 06	065 05	045 05	095 05	030 06	040 34	210 07	..	...
Fort Sandeman	-	...	...		...	...	...			...	
Gilgit	...	...	.	350 02	045 08	005 19	015 20	040 05	135 10	185 25	225 46
Ishurdi				/// //	235 03	/// //	140 16	/// //	205 23	...	...
Jacobabad	285 24	285 04	290 03	325 03	315 11	305 23		...	...	...	-
Jessore	085 04	225 04	125 03	005 02	005 02	040 06	215 27	230 10	235 34	...	...
Jhelum	335 03	360 02	360 04	330 04	315 15	275 21	265 20	225 25	250 20	...	.
Jiwani	035 04	190 07	100 07	285 01	085 01	155 07	210 16	225 20	230 25	-	...
Karachi	300 11	295 11	305 07	275 03	185 02	245 12	315 25	260 27	260 26	...	...
Khanpur	030 04	340 07	275 05	240 10	225 15	255 10	185 13	310 18	315 19	...	...
Khuzdar	010 12	045 15	075 17	075 17	080 18	070 08	355 17	155 11	220 14	...	...
Lahore			...	320 02	130 01	215 05	240 22	...	...	...	..
Multan	190 02	190 04	205 04	175 01	125 02	080 05	12 00	220 05	210 08	..	...
Nawab Shah	320 06	260 08	165 10	165 13	145 13	155 08	065 08	145 07	165 13	...	-
Nokkundi	360 10	020 10	010 07	335 03	215 12	210 19	260 26	235 30	245 33	...	...
Panjgur	..	..	285 02	080 03	280 06	300 06	...	...	...	..	...
Peshawar	...			...		...		...	..	...	-
Parachinar	...	355 05	360 04	165 03	150 05	140 03	235 15	235 18	240 22		...
Quetta	-	...	...					..	...	-	...
Sargodha	...	...	-	...	300 01	245 07	170 04		...	...	...
Skardu	095 04	130 03	180 03	195 07	095 12	070 10	040 20	035 22	...	...	...
Sylhet	...	...	...	...		...	...	..	...	..	..
Veraval	...	...	...	...	...		...	..	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	310 19	310 19	280 15	315 07	215 10	215 17	245 25	245 28	250 22	...	---	...	...	...	...	...	---	...
Multan	085 10	120 06	120 04	225 06	285 05	290 06	235 16	225 06	255 13	...	...	...	...	...	...	...	...	---
Peshawar																		
Quetta																		
Sargodha																		

Cloud observation Data (Hiii Cdd V. V. etc.)

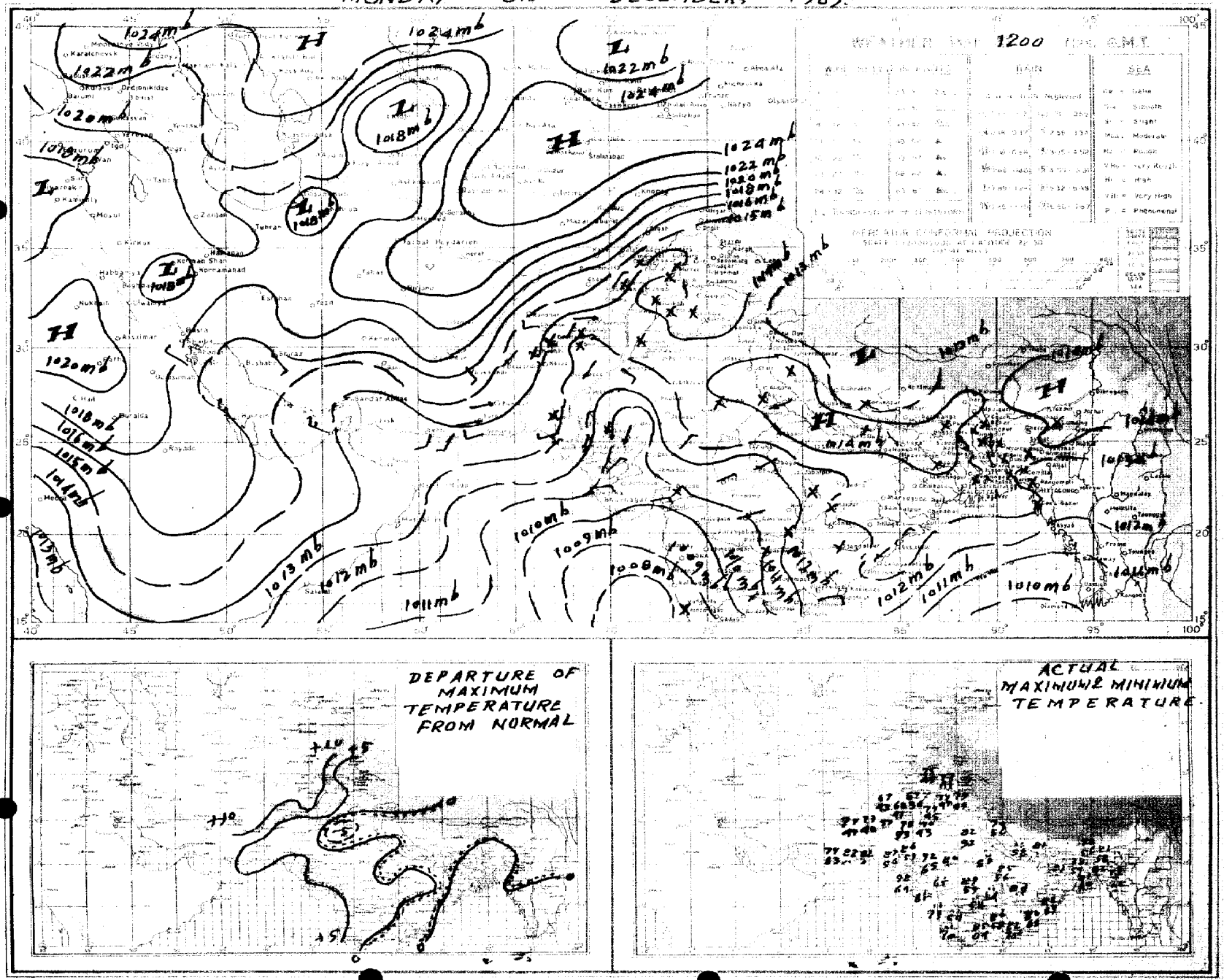
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the 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" omitted.

The accuracy of individual entries in this report cannot and be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 8th DECEMBER, 1969.

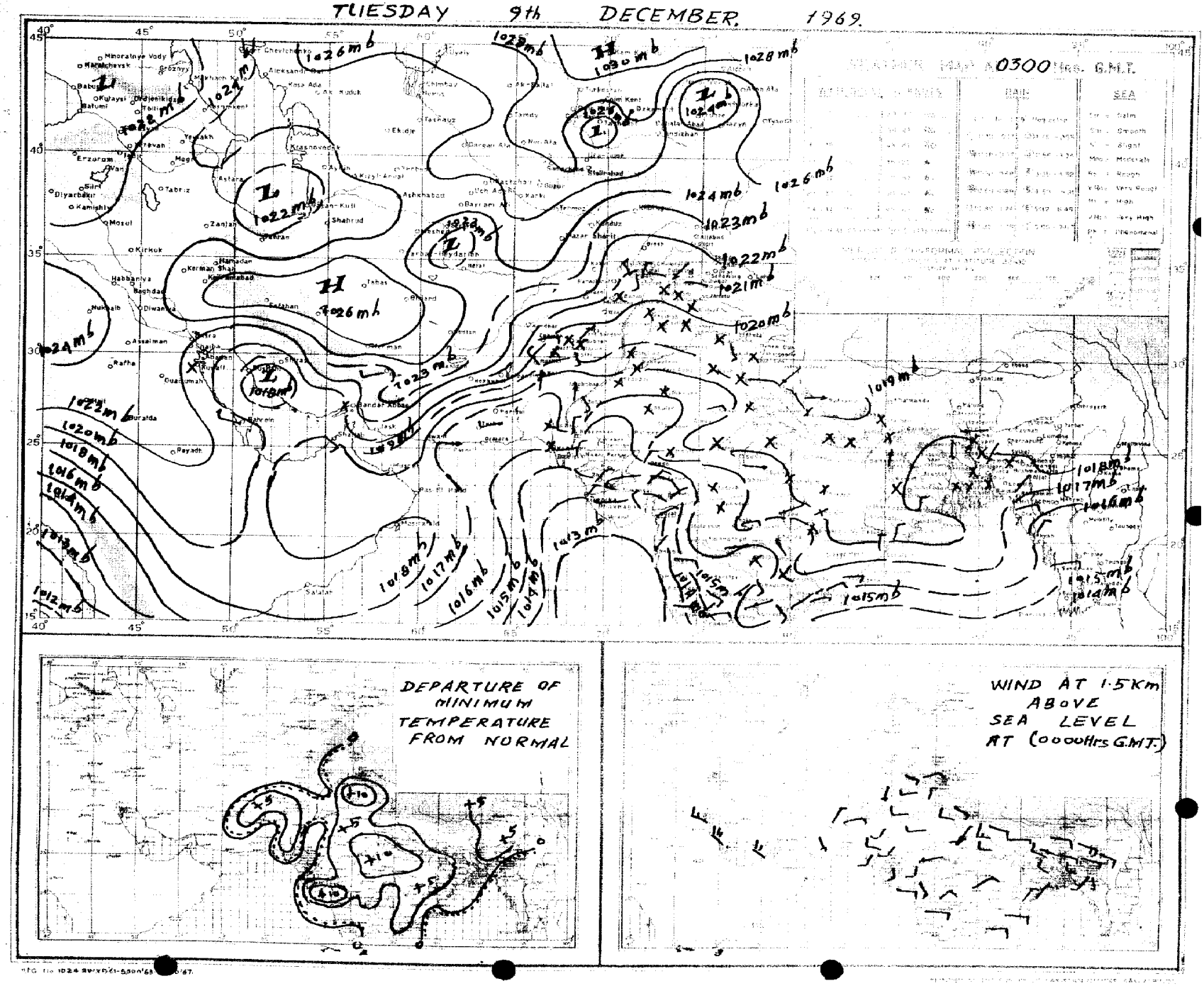


REG. No. 024 R.W.A.D'61-5000'63-5000'67.

PRINTED AT THE GOVT. PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 9th DECEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WFDNESDAY THE 10th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over East Russian Turkistan has moved slightly northeastwards. Its associated trough is moving across Rawalpindi division and adjoining areas. Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Sargodha, Bahawalpur, D. I. Khan, Quetta, southern Kalat, Hyderabad and Khairpur divisions and 3—5 °F (2—3 °C) below normal in Peshawar and northern Kalat divisions.

Forecast valid until the evening of 11th December 1969 :—Weather is likely to mainly dry over the country.

Karachi-11
The 10th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	36	02	95	01	0	126	73	1	1	7	0	0	59	8[illegible]
	Cox's Bazar	000	0	3	35	06	//	02	0	123	76	2	0	2	6	/	64	82
	Chittagong	000	0	5	27	02	//	02	2	128	73	1	4	5	3	/	64	85
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	0	00	00	96	02	0	131	73	0	0	9	0	0	63	85
	Brahmanbaria	000	0	0	00	00	//	00	0	134	72	0	0	9	0	0	59	8
	Sylhet	000	0	0	00	00	//	01	0	12	70	0	0	9	0	0	63	78
	Srimangal	000	0	0	80	00	//	00	0	137	67	0	0	9	0	0	63	80
Dacca	Mymensingh	000	0	0	00	00	//	00	0	136	76	0	0	9	0	0	58	80
	Narayanganj	000	0	0	00	00	//	00	0	132	77	0	0	9	0	0	63	82
	Dacca (Tejgaon)	000	0	1	00	00	96	03	0	124	72	0	0	9	0	1	59	80
	Faridpur	000	0	0	00	00	93	00	0	102	76	0	0	9	0	0	58	78
Khulna	Barisal	000	0	3	00	00	//	02	0	131	72	0	0	9	0	2	64	82
	Khulna	000	0	0	00	00	97	00	0	120	76	0	0	9	0	0	67	66
	Satkhira	000	0	0	00	00	95	00	0	135	70	0	0	9	0	0	69	80
	Jessore	000	0	0	00	00	96	02	0	131	73	0	0	9	0	0	60	82
Rajshahi	Pabna	000	0	9	00	00	//	02	0	130	73	/	/	/	/	/	60	82
	Sirajganj	000	0	0	36	01	//	00	0	143	76	0	0	9	0	0	60	80
	Rajshahi	000	0	0	00	00	54	02	0	136	72	0	0	9	0	0	64	78
	Bogra	000	0	1	00	00	//	02	0	122	72	1	0	9	7	0	63	80
	Dinajpur	000	0	0	00	00	//	00	0	135	72	0	0	9	0	0	64	80
	Rangpur	000	0	0	00	00	96	01	0	114	63	0	0	9	0	0	56	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	95	05	0	151	73	0	0	9	0	2	54	78
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	3	00	00	96	01	1	148	68	0	0	9	0	1	49	76
	Islamabad																	
	Rawalpindi	000	0	6	37	02	98	02	2	162	64	0	0	9	0	8	45	73
	Campbellpur																	
Sargodha	Khushab	000	0	4	00	//	97	01	1	156	76	6	0	9	4	0	50	77
	Sargodha	000	0	5	00	00	96	04	2	157	67	0	0	9	0	1	54	77
	Lyallpur	000	0	4	00	00	96	02	0	143	72	0	0	9	0	4	49	78
Multan	Sahiwal	000	0	6	00	00	97	02	2	145	70	3	0	9	3	1	51	76
	Multan	000	0	8	36	00	94	02	2	///	77	0	0	9	/	/	16	77
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	///	0	0	05	02	98	00	0	144	80	0	0	9	0	0	34	80
Peshawar	Chakdra	000	0	6	23	03	97	03	1	152	60	0	0	9	0	8	49	63
	Peshawar	000	0	7	00	00	93	04	2	161	63	0	0	9	3	2	54	72
	Haripur	000	0	6	23	02	97	03	2	171	66	2	0	9	7	0	40	69
D. I. Khan	Bannu	000	0	6	13	01	98	30	2	160	67	6	0	9	3	7	50	77
	D. I. Khan	000	0	8	00	00	97	02	0	170	70	0	0	9	0	0	56	72
Quetta	Sibi	000	0	0	18	07	97	03	1	130	78	0	0	9	4	2	22	84
	Nokkundi	000	0	2	36	05	97	00	0	156	72	4	2	9	3	0	35	76
Kalat	Turbat	000	0	0	13	02	96	00	0	972	86	2	0	9	0	0	36	86
	Jiwani	000	0	/	//	//	96	02	0	150	77	0	0	6	0	0	66	81
	Pasni	000	0	4	25	04	97	02	0	148	81	0	0	9	0	0	67	84
Karachi division	Ormara	000	0	0	27	09	96	02	0	151	77	4	0	9	0	0	73	79
	Lasbela	///	0	2	00	00	98	00	0	178	89	0	0	8	0	0	53	90
	Karachi (Manora)	000	0	0	23	03	97	02	0	137	77	0	0	9	0	0	64	85
	Karachi (Airport)	000	0	0	23	02	96	01	0	136	81	0	0	9	0	0	59	89
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	141	85	0	0	9	0	0	76	92
	Chhor	000	0	0	00	00	96	02	0	123	89	0	0	9	0	0	53	91
	Hyderabad	000	0	0	36	//	97	02	0	143	79	0	0	9	0	0	47	83
	Badin	000	0	0	36	08	97	02	0	123	85	0	0	9	0	0	52	86
Khairpur	Padidan	000	0	5	23	03	96	03	1	144	77	0	0	9	0	0	39	80
	Nawabshah	000	0	4	31	05	96	03	0	155	80	4	6	9	0	0	52	83
	Sukkur	000	8	0	23	03	95	05	4	119	78	0	0	9	0	0	51	82
	Kashmore																	
	Jacobabad	000	0	3	31	02	97	01	1	146	78	0	0	9	0	1	47	80
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh *	000	0	5	34	09	97	03	2	531	56	5	0	7	1	0	32	64
	Cherat *	000	0	6	18	03	96	05	1	512	58	2	3	5	0	4	47	67
	Kakul *	000	0	6	05	05	98	03	4	532	60	6	7	4	/	/	32	67
	Landikotal *	000	0	5	16	03	98	02	1	530	54	4	8	6	4	4	29	58
	Parachinar *																	
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	540	68	0	0	9	0	0	29	70
	Wana *																	
Quetta	Fort Sandeman *	000	0	9	36	03	97	03	2	513	61	3	4	7	0	1	59	64
	Hindubagh *	000	0	8	22	03	55	03	0	478	54	8	2	4	0	0	27	55
	Loralai *																	
	Barkhan *	000	0	0	13	03	97	02	0	475	65	0	0	9	0		34	70
	Harnai *	000	0	0	10	00	96	02	0	590	66	0	0	0	0	0	37	66
	Samungli (Quetta) *	000	0	3	27	05	96	03	0	527	54	3	4	7	3	0	28	56
	Chaman *	000	0	0	31	07	96	00	0	541	60	0	0	9	0	0	31	62
	Nushki *	000	0	3	31	03	97	02	0	570	64	0	0	9	0	0	31	70
	Dalbandin *	000	0	2	40	03	97	03	0	522	67	2	0	9	3	0	15	69
Kalat	Kalat *	000	0	0	31	03	96	02	1	507	51	0	0	9	0	0	32	67
	Khuzdar *																	
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Rangamati	000	0	2	36	02	98	01	0	159	68	2	3	6	0	0	66	64
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	000	0	1	05	03	96	02	4	166	73	0	0	9	3	0	66	60
Maijdee Court	000	0	0	00	00	97	00	0	168	45	0	0	9	8	0	59	56
Comilla	000	0	0	00	00	96	00	0	161	69	0	0	9	0	0	60	60
Brahmanbaria	0	0	0	00	00	96	00	0	172	69	0	0	9	0	0	62	60
Sylhet	000	2	1	13	05	96	05	4	166	69	1	1	6	0	0	60	58
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	000	0	0	00	00	97	00	0	168	69	0	0	0	0	0	62	60
Narayanganj	000	0	0	00	00	97	00	0	170	79	0	0	9	0	0	62	62
Dacca (Tejgaon)	000	3	0	00	00	96	15	4	169	72	0	0	9	0	0	64	58
Faridpur	000	0	0	02	02	97	00	0	171	64	0	0	9	0	0	55	58
Barisal	000	0	0	00	00	96	05	4	166	68	0	0	9	0	0	66	56
Khulna	000	0	0	00	00	97	00	0	160	75	0	0	9	0	0	64	60
Satkhira	000	0	0	00	00	97	00	0	172	69	0	0	0	0	0	62	56
Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pabna	000	0	0	31	02	97	02	0	172	69	0	0	9	0	0	62	59
Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	000	0	0	36	02	97	02	0	174	69	0	0	9	0	0	62	59
Bogra	000	0	0	00	00	96	05	4	168	66	0	0	9	0	0	60	58
Dinajpur	000	0	0	00	00	96	00	0	155	72	0	0	9	0	0	62	59
Rangpur	000	0	0	11	02	96	01	0	176	64	0	0	9	0	0	60	56
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	178	52	0	0	9	0	0	46	49
Sialkot	000	0	0	00	00	99	00	0	180	50	0	0	9	0	0	50	34
Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Islamabad																	
Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Campbellpur																	
Khushab	000	0	0	00	//	97	06	0	173	46	0	0	9	0	0	40	42
Sargodha	000	0	1	00	00	94	10	0	179	//	1	0	9	3	0	45	43
Lyallpur	000	0	0	00	00	95	00	0	175	49	0	0	9	0	0	40	45
Sahiwal	000	0	1	00	03	96	04	0	172	30	1	2	9	3	0	45	45
Multan	000	0	0	36	00	92	02	2	212	45	0	0	9	0	8	38	40
Leiah																	
Khanpur	000	0	0	00	00	96	02	0	170	49	0	0	9	0	0	46	45
Bahawalpur	000	0	0	00	00	96	00	0	166	60	0	0	9	0	0	43	49
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdra	000	0	2	05	05	98	03	0	164	38	0	0	9	0	3	33	34
Peshawar	000	0	5	00	00	96	04	1	193	45	0	0	9	0	0	43	42
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bannu	000	0	6	13	02	98	03	2	172	52	4	2	7	2	0	40	45
D. I. Khan	000	0	3	05	02	97	01	2	180	52	2	0	9	3	1	45	47
Sibi	000	0	0	00	00	97	02	0	187	40	0	0	9	0	0	32	46
Nokkundi	000	0	0	31	03	97	02	0	213	59	0	0	9	0	0	21	51
Turbat	000	0	0	05	02	96	00	0	///	70	0	0	9	0	0	28	//
Jiwani	000	0	0	36	03	96	00	0	176	64	0	0	9	0	0	49	62
Pasni	000	0	0	07	10	97	02	0	172	71	0	0	0	0	0	53	//
Ormara	000	0	0	00	00	96	02	0	173	64	0	0	9	0	0	59	//
Lasbela	///	0	0	00	00	98	00	0	174	60	0	0	8	0	0	41	43
Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	47	...
Karachi (Airport)	000	0	0	00	00	96	02	0	171	57	0	0	9	0	0	52	55
Nagarparkar	000	0	0	05	02	97	02	0	073	70	0	0	9	0	0	40	70
Chhor	000	0	0	00	00	96	02	0	161	51	0	0	9	0	0	47	46
Hyderabad	000	0	0	31	03	97	02	0	171	60	0	0	9	0	0	45	58
Badin	000	0	0	36	08	56	02	0	164	57	0	0	9	0	0	41	55
Padidan	000	0	0	00	00	96	02	0	175	49	0	0	9	0	0	46	47
Nawabshah	000	0	0	00	00	96	04	0	178	49	0	0	9	0	0	//	48
Sukkur	000	2	0	00	00	94	05	4	171	55	0	0	9	0	0		50
Kashmore																	
Jacobabad	000	0	0	13	02	96	02	0	172	52	0	0	9	0	0	45	53
Veraval																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	0	2	05	03	97	01	1	522	40	0	0	9	4	0	30	35
Drosh *	000	0	0	00	00	98	00	0	513	3	0	0	4	0	0	32	32
Cherat *	000	0	0	05	02	96	04	0	521	9	0	0	9	0	0		46
Kakul *	000	0	4	36	02	98	01	0	614	4	6	0	9	0	8	28	//
Landikotal *	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar *																	
Miranshah *	000	0	0	05	05	99	00	0	543	52	0	0	9	0	0	20	45
Wana *																	
Fort Sandeman *	000	0	5	31	03	97	03	2	533	45	1	3	9	3	1	29	42
Hindubagh *	000	0	0	27	03	97	02	0	563	3	0	0	9	0	0	13	23
Loralai *																	
Barkhan *	000	0	0	31	05	97	02	0	494	49	0	0	9	0	0	31	45
Harnai *	000	0	0	00	00	96	02	0	487	48	0	0	9	0	0	//	//
Samungli (Quetta) *	000	0	0	00	00	96	02	0	544	43	0	0	9	0	0	21	42
Chaman *	000	0	0	09	03	97	00	0	538	42	0	0	9	0	0	22	41
Nushki *	000	0	0	31	07	97	02	0	578	44	0	0	9	0	0	12	42
Dalbandin *	000	0	0	00	00	98	07	0	528	39	0	0	9	0	0	16	37
Kalat *	000	0	0	18	03	96	00	2	525	30	0	0	9	0	0	//	22
Khuzdar *	000	0	0	00	00	96	02	0	527	44	0	0	9	0	0	29	42
Panjgur *																	

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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 1					140
Chittagong	+ 6	+ 1	—	—	—	103
Maijdee Court		— 4	0.4	— 1.4	128.5	115
Comilla	+ 5	+ 4	—	—	—	94
Brahmanbaria	—	—	—	—	—	78
Sylhet	—	—	—	—	—	—
Srimangal	— 2					98
Mymensingh	+ 2	+ 3	—	—	—	91
Narayanganj	+ 3	+ 3	—	—	—	74
Dacca (Tejgaon)	—	—	—	—		—
Faridpur	+ 1	+ 1	1.6	+ 0.4	56.5	71
Barisal	+ 3	— 1	1.0	— 0.8	65.2	81
Khulna	+ 7	+ 4	1.4	+ 0.1	74.5	68
Satkhira	— 1	+ 2	0.2	— 1.8	61.7	65
Jessore	—					65
Pabna	—	—	1.0	—	66.3	59
Sirajganj	+ 3					64
Rajshahi	+ 1	+ 4	3.0	+ 2.4	70.3	—
Bogra	+ 3	+ 3	1.0	+ 0.4	59.5	69
Dinajpur	+ 2	+ 6	—	—		72
Rangpur	+ 1	+ 3	1.5	+ 1.1	87.6	84
Jammu						—
Lahore (Jail Rd.)	+ 3	+ 8	0	— 0.1	18.0	19
Sialkot		— 9	0	— 0.3	11.5	33
Jhelum	—					—
Islamabad						—
Rawalpindi	+ 4					36
Campbellpur						
Khushab	+ 3	— 1	0	— 0.1	7.8	18
Sargodha	—	—	0.1	—	20.7	—
Lyallpur	+ 6	+ 3	0	— 0.1	7.7	12
Sahiwal	+ 2	+ 1	0	— 0.1	11.3	10
Multan	—	0	—	—	2.7	7
Leiah						8
Khanpur	—	0	/	—	—	6
Bahawalpur		+ 4	—	—	—	6
Fort Abbas	—					8
Chakdra	—	—	—	—	—	—
Peshawar	+ 3	0	0.6	+ 0.1	14.8	11
Haripur	—				3.0	—
Bannu	—	—	0.5	—	—	11
D. I. Khan	— 2	+ 7	—	—	0.2	9
Sibi	—	—	0	—	0.3	5
Nokkundi	—	—	0	—	0.2	2
Turbat	—	/	0	—	2.0	—
Jiwani	—	—	0	—	2.0	5
Pasni	+ 5	/	0	— 0.4	0.2	6
Ormara	—	/	—	—	—	6
Lasbela	—	—	—	—	—	8
Karachi (Manora)	+ 5					8
Karachi (Airport)	—	—	0	—	1.5	—
Nagarparkar	—	—	0	—	0.1	—
Chhor	—	—	—	—	—	7
Hyderabad	+ 3	+ 5	0	— 0.1	0.3	9
Badin	+ 4	+ 2	0	— 0.2	0.3	—
Padidan	—	—	—	—	—	—
Nawabshah	—	—	0.0	—	1.1	4
Sukkur	—	—	0.0	—	0.1	—
Kashmore						4
Jacobabad	+ 3	+ 6	—	—	...	30
Veraval						26
Srinagar *						—
Gulmarg **						71
Sonamarg **						24
Dras **						3
Leh **						6
Skardu *						—
Misgar **						—
Aliabad *						5
Gilgit *						59
Murree *	—	— 1	—	—	—	18
Drosh *	+ 7	— 11	0.6	— 0.1	15.0	29
Cherat *	—	/	1.0	—	34.0	—
Kakul *	—		0.7	—	13.6	—
Landikotal *	— 1	—				29
Parachinar *						18
Miranshah *			—	—	—	11
Wana *		+ 8				11
Fort Sandeman *	+ 4	—	0	— 0.2	6.5	—
Hindubagh *	—		—	—	0.2	9
Loralai *		—				—
Barkhan *	—	—	0	—	0.9	14
Harnai *	—	—	0	— 0.4	5.6	9
Samungli (Quetta) *	—	+ 4	—	—	—	8
Chaman *	+ 3	—	0	— 1.0	4.7	—
Nushki *	—	+ 3	0	—	2.6	4
Dalbandin *	+ 6	— 5	0	— 0.2	0.5	7
Kalat *	—		0	— 0.5	2.2	—
Khuzdar *		+ 3	—	—	—	—
Panjgur *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 10th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rd_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_e DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 172 08	...	475 122 56	115 070 56	580 103 57	749 179 56	959 335 56	...	...	...	...	...	...
Dacca ...	00 00	014 154 25	...	470 110 58	102 052 57	579 101 / /	748 193 / /	84/ 329 6	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 160 25	...	500 110 25	083 010 01	569 175 / /	734 255 / /	917 375 / /	212 455 / /	...	...	...	...	...
Multan ...	00 00	001 082 10	...	458 106 98	090 00, / /	567 201 / /				...	...	...	...	...
Peshawar ...	00 09	974 070 09	...	460 072 28	051 011 34	565 171 / /	7/9 275 / /	930 401 / /	200 491 / /	...	...	...	...	...
Quetta ...	00 00	923 058 59	...	...	096 089 / /	567 20/ / /	73' 253 / /	...	...	...	...	...	...	...
Sargodha ...	00 08	994 134 45	...	500 100 30	076 005 / /	566 211 / /	728 311 / /	928 421 / /	192 545 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_e DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 100 00	800 120 56	600 009 50	...	...	...	...	...	...	...	...	...
Dacca ...	00 08	900 130 32	830 049 50	600 019 56	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 030 / /	600 125 / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 08	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	005 03	334 05	295 05	295 05	285 10	290 21	..	—	...
Bogra ...	125 03	230 03	255 03	240 03	300 04	...	...	...	...
Chaklala ...	...	290 07	335 02	340 03	360 03	150 09	...	...	...
Chhor ...	025 02	035 03	030 05	010 04	275 07	255 22	250 37	...	290 51
Chittagong ...	200 08	160 09	120 19	200 08	240 11	255 15	...	...	..
Cherat ...	...	..	...	...	...	...	...	...	...
Cox's Bazar ...	190 07	198 08	140 19	150 07	135 04	165 07	...	...	..
Dacca ...	330 04	345 05	350 05	010 05	030 06	...		...	..
Dalbandin ...	...	...	190 09	070 / /	343 0/		285 20	...	285 34
D. I. Khan ...	360 02	050 05	045 06	050 04	085 03	020 09	030 06	...	..
Drosh ...	...	...	...		...	...	...	...	...
Fort Sandeman ...	..	..	...	360 03	020 02	190 50	235 50	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	060 02	160 03	158 02	080 02	320 05	320 05	245 12	245 29	235 44
Jessore ...	325 10	325 06	330 07	350 07	325 06	305 12	...	...	...
Jhelum ...	305 03	235 04	285 03	330 07	325 09	250 05	255 08	255 09	250 10
Jiwani ...	280 07	325 09	330 09	320 06	280 02	295 16	315 31	290 30	285 33
Karachi ...	295 08	330 07	363 04	260 12	240 10	230 17	240 24	225 33	230 34
Khanpur ...	040 10	025 11	080 13	060 12	020 12	250 15	.	...	...
Khuzdar ...	...	...		...	...				
Lahore ...	340 02	335 01	340 01	320 01	275 03	210 01	170 06	225 10	230 16
Multan ...	335 08	005 09	355 04	140 04	015 04	050 03	225 16	...	..
Nawab Shah ...	325 05	015 07	050 06	275 04	245 16	230 18	245 25	245 37	230 38
Nokkundi ...	...	...	285 08	295 17	275 14	290 07	265 11	...	...
Panjgur ...	—		...	010 06	0/0 03	290 07	295 16	290 37	280 34
Peshawar ...	...	185 03	340 03	320 02	225 03	105 04	065 03	200 17	200 33
Parachinar ...	..	...	...	320 04	205 07	.	.	...	...
Quetta ...	...	.	...	...	...	...	.	...	...
Sargodha ...	320 01	310 02	295 03	280 04	130 03	070 04	035 12	010 16	020 /6
Skardu ...	...	...		340 03	...	180 09	...	...	...
Sylhet ...	085 4	090 04	150 03	140 07	/// / /	005 01	..	—	...
Veraval ...	...	...		...	...			...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	070 04	065 03	035 03	300 05	275 13	280 16
Bogra ...	090 05	070 04	10/ 04	110 03	310 04	350 13
Chaklala ...	...	110 05	125 07	180 04	250 04	250 04
Chhor ...	040 16	025 21	355 15	325 12	280 10	260 03
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...				...	...	...
Dacca ...	090 08	015 10	355 08	...	275 22	
Dalbandin ...	...	...	070 07	100 21	130 33	240 25
D. I. Khan ...	300 07	320 09	330 06	040 05	250 06	255 09
Drosh ...	...	...	...	050 02	040 02	035 05
Fort Sandeman ...	...	..	...	350 05	035 08	275 14
Gilgit ...	..	...	.	...	—	..
Ishurdi ...	..		...	...	...	...
Jacobabad ...	020 01	285 04	/// / /	335 09	340 12	/// / /
Jessore ...	...	...	..	...	...	...
Jhelum ...	345 02	160 02	175 03	155 06	170 04	170 02
Jiwani ...	225 07	320 10	315 10	200 04	/// / /	330 04
Karachi ...	—			...	—	.
Khanpur ...	010 10	015 12	020 01	350 12	320 13	280 21
Khuzdar ...		...		325 04	315 06	300 10
Lahore ...	200 07	295 09	330 12	328 11	320 13	300 15
Multan ...	140 07	155 05	190 05	250 15	295 12	280 09
Nawab Shah ...	020 10	025 10	075 09	170 06	035 04	005 16
Nokkundi ...	...	...	305 14	340 08	045 07	045 07
Panjgur ...	...			025 09	360 12	350 24
Peshawar ...	...	335 06	335 05	310 06	320 07	32/ 14
Parachinar ...	...	..	...	...	...	.
Quetta ...	...	...	...	...	..	...
Sargodha ...	290 07	295 09	/23 01	325 11	230 13	300 15
Skardu ...	...		...	...	...	
Sylhet ...	095 12	100 09	120 07	155 06	218 07	285 24
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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	360 02	270 56	275 10	290 08	280 12	285 17	270 21	280 31	285 19	..	...
Bogra ...	105 04	095 04	100 04	100 06	030 02	065 13	340 03		...	..	..
Chaklala ...	...	085 04	105 05	120 03	/// / /	185 03	170 05	285 12	255 10	...	...
Chhor ...	025 17	355 15	360 13	015 10	320 05	265 18	275 17	286 20	280 23	...	...
Chittagong ...	170 13	185 15	175 19	185 26	200 22	230 27	260 27	255 29	255 29	...	...
Cherat ...	...	...	..	...	—	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	..		...	.	...	...	...
Dacca ...	210 02	195 02	330 02	280 06	260 13	300 19	300 32	250 36	270 25	...	...
Dalbandin ...	...	...	060 10	075 15	360 09	305 15	315 27	315 33	315 39	310 38	295 45
D. I. Khan ...	180 01	159 02	190 03	255 07	300 16	285 11	200 10	215 19	235 15	...	...
Drosh ...	—	...	...	050 02	040 02	035 05	355 11	.	.	...	...
Fort Sandeman ...	...	...	—	280 14	285 19	295 20	310 37	310 40	315 33	...	...
Gilgit ...	..	...	...	.	...	...	..	...	...	...	...
Ishurdi ...	090 03	095 03	100 03	345 03	095 03	310 23	100 03	/// / /	310 15	...	.
Jacobabad ...	310 13	315 12	320 14	355 25	365 27	300 27	290 26	205 04	280 14	...	...
Jessore ...	189 04	154 01	140 81	290 03	305 12	295 05	125 17	275 27	265 28	...	...
Jhelum ...	440 02	095 06	060 06	355 08	330 05	195 21	180 15	...	195 29	..	...
Jiwani ...	075 08	070 12	080 12	083 06	010 03	038 13	330 23	305 21	320 24	...	...
Karachi ...	345 08	360 06	360 08	005 10	030 08	290 09	340 16	305 21	280 20	...	...
Khanpur ...	315 11	110 15	320 20	325 35	325 41	315 18	220 12	205 15	185 18	...	...
Khuzdar ...	...		...	340 09	300 05	335 19	315 30	315 44	310 47	...	...
Lahore ...	095 04	090 05	010 04	330 04	315 06	275 08	225 30	225 33	215 45	...	...
Multan ...	225 05	245 06	260 08	240 11	320 12	355 08	370 60	245 28	245 31	...	—
Nawab Shah ...	010 08	350 13	350 12	360 09	020 04	290 14	295 24	285 35	285 48	...	...
Nokkundi ...	...	...	355 08	335 06	335 13	320 19	300 24	290 48	285 38	...	...
Panjgur ...	...		...	005 07	010 19	335 23	315 29	315 27	310 33	...	...
Peshawar ...	...	065 01	005 04	340 08	340 05	125 06	170 11	210 07	261 3/	—	...
Parachinar ...	...	...	...	..	...		...	...	...	—	...
Quetta ...	...	...	.	...	320 10	315 19	300 34	252 4/	300 29	...	...
Sargodha ...	060 03	330 02	265 03	235 05	265 06	250 08	250 10	295 07	285 12	...	...
Skardu ...	—	...	...	..		...	...	—	...	...	...
Sylhet ...		130 05	170 08	135 04	350 04	270 18	275 31	..	...	...	...
Veraval ...	115 05	...	...	...	...		..	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	45.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	345 08	355 07	335 05	010 07	350 09	310 11	290 22	295 31	285 25	...	...	...	...	...	...	...	...	...
Multan ...										...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Te—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

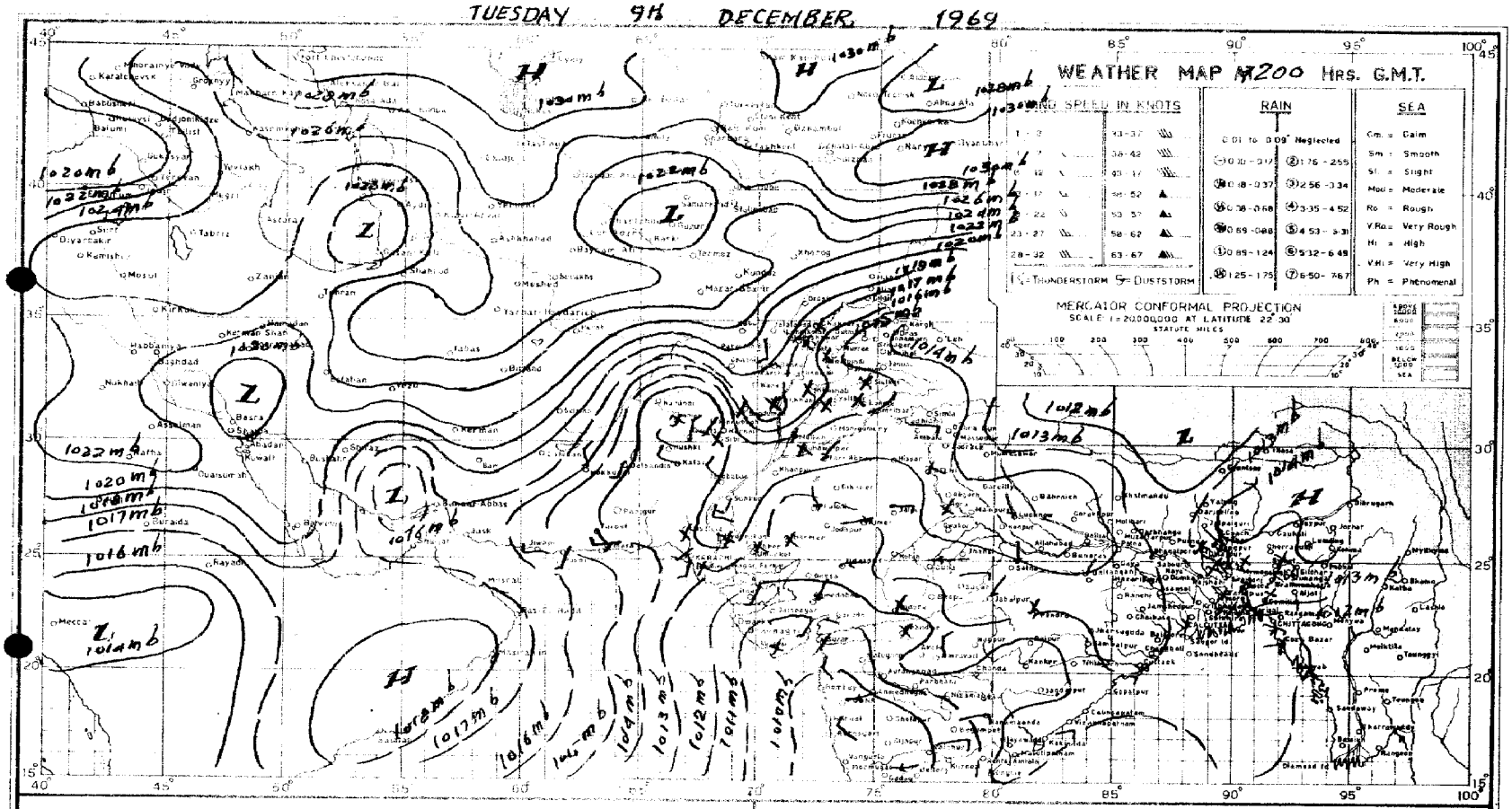
† The actual time of observations may vary within half an hour of the specified time.

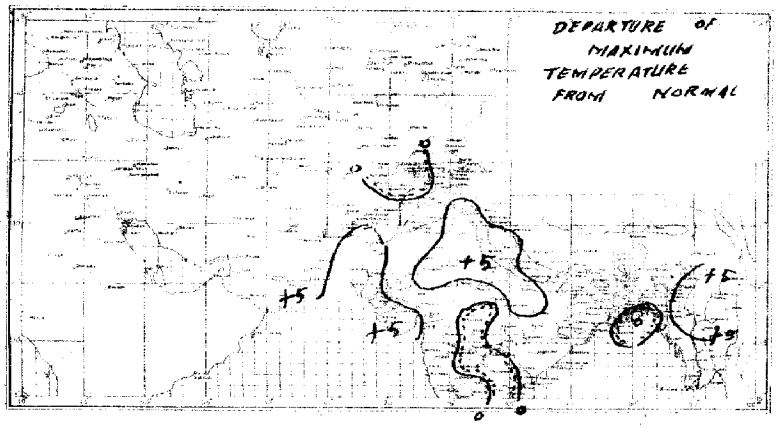
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

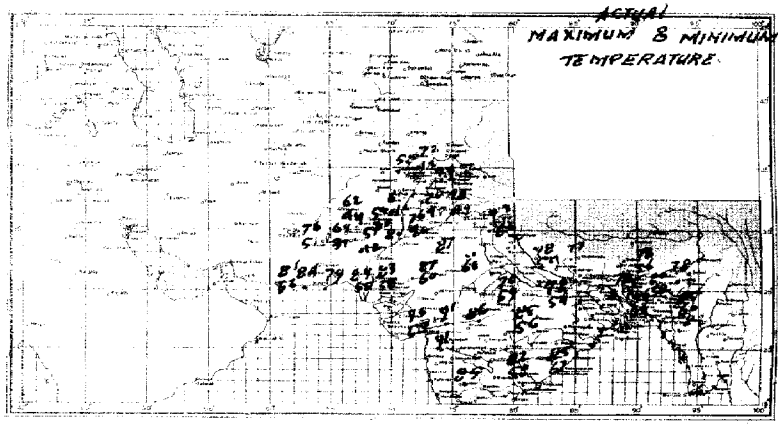
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 9th DECEMBER 1969



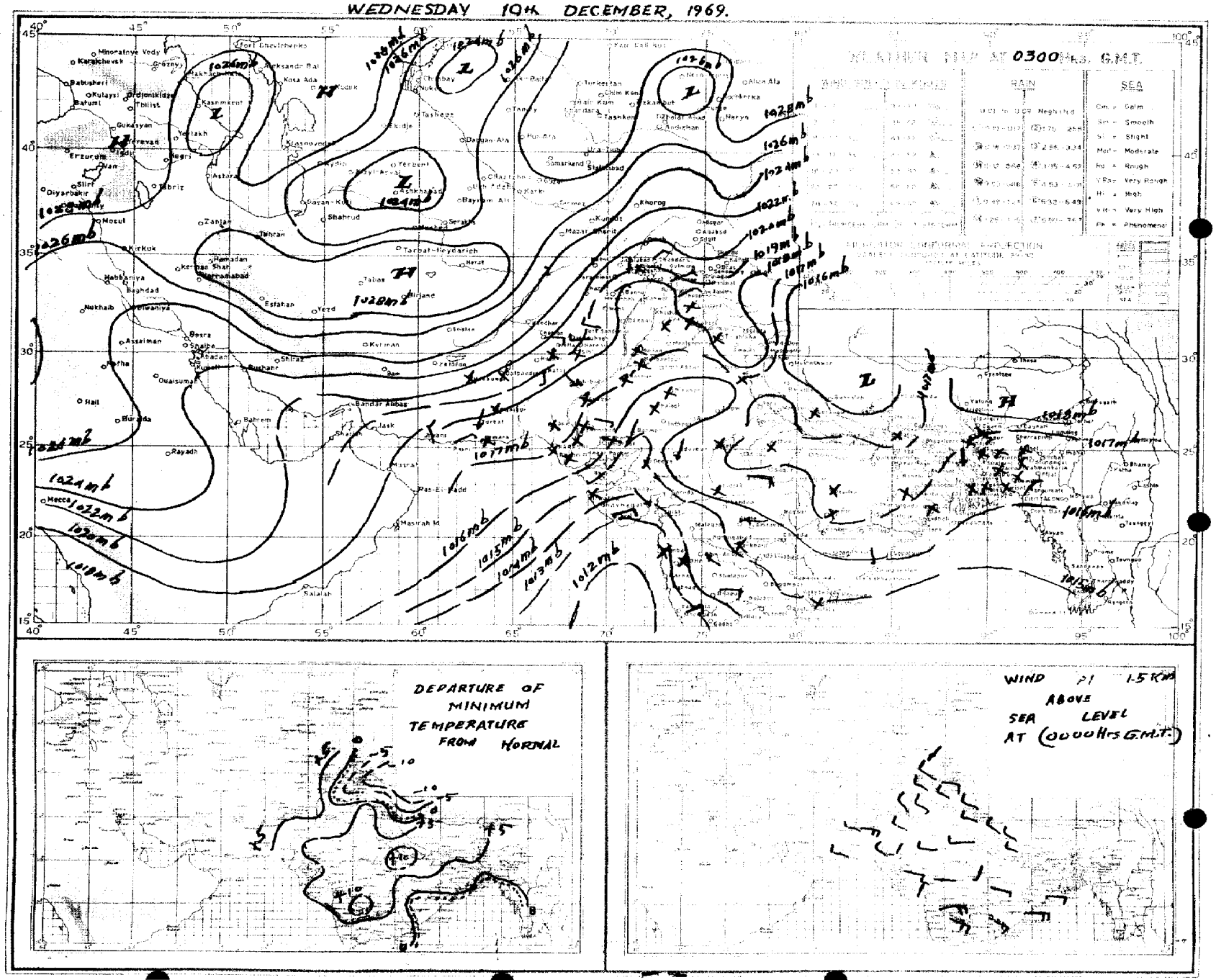




REG. No. 114 RWXD'61-5,000'65-5,000'67.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 10th DECEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 11th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over Russian Turkistan and its associated trough over Rawalpindi division have moved away northwestwards. Dry continental air prevails over the country where weather remained dry.

Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Rawalpindi, Sargodha, Khairpur and Hyderabad divisions and 3—4 °F (2 °C) below normal in western districts of Quetta divisions and northern districts of Kalat divisions.

Forecast valid until the evening of 12th December 1969 :—Weather is likely to remain dry over the country.

Karachi-11
The 11th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wε)	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)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wε)	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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to date	Departure from normal	Since 1st January, 1969 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	31	02	55	01	0	137	76		1	7	0	0	67	82	000	0	2	13	02	98	01	0	182	69	2	3	6	0	0	65	64	—	—	—	—	—	—
	Cox's Bazar	000	0	3	00	00	//	01	1	134	77	1	2	5	3	1	68	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					140
	Chittagong	000	0	4	27	03	//	02	1	134	73	2	2	5	8	1	68	82	000	9	6	00	00	96	05	4	159	65	3	7	3	1	0	64	61	+ 3	+ 3	—	—	—	103
	Maijdee Court	000	0	0	00	00	//	00	0	123	77	0	0	9	0	0	59	82	000	9	0	00	00	97	00	0	152	45	0	0	9	8	0	58	55	+ 3	—	0.4	— 1.4	128.5	115
	Comilla	000	0	0	00	00	56	02	0	128	77	0	0	9	0	0	72	82	000	0	0	00	00	96	OR	0	156	64	0	0	9	0	0	64	60	+ 2	+ 5	—	—	—	94
	Brahmanbaria	000	0	0	00	00	//	00	0	130	72	0	0	9	0	0	59	85	000	0	0	01	02	97	00	0	153	69	0	0	9	0	0	62	62	—	—	—	—	—	78
	Sylhet	000	0	1	00	00	//	01	4	135	72	0	0	9	3	0	59	80	000	0	3	05	05	97	00	0	158	73	2	4	5	3	0	60	60	—	—	—	—	—	—
	Srimangal																																								98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	142	76	0	0	9	0	0	58	80	000	0	0	00	00	97	00	0	169	69	0	0	9	0	0	62	60	+ 2	+ 5	—	—	—	91
	Narayanganj	000	0	2	00	00	//	01	1	127	76	2	6	6	0	0	60	85	000	0	0	00	00	97	00	0	158	93	0	0	9	0	0	56	62	+ 6	+ 5	—	—	—	74
	Dacca (Tejgaon)	000	0	3	00	00	96	02	0	129	76	2	0	9	4	1	63	87	000	0	0	00	00	96	02	4	147	73	0	0	9	0	0	49	58	—	—	—	—	—	—
	Faridpur	000	0	0	34	02	93	00	0	107	76	0	0	9	0	0	58	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					71
Khulna	Barisal	000	0	5	00	00	//	02	0	132	73	3	4	5	0	2	64	80	000	0	0	00	00	96	05	0	159	65	0	0	9	0	0	62	58	+ 1	+ 2	1.0	////	65.2	81
	Khulna	000	0	0	00	00	97	00	0	127	76	0	0	9	0	0	67	85	000	0	0	00	00	97	00	0	165	73	0	0	9	0	0	62	60	+ 6	+ 5	1.4	+ 0.1	74.5	68
	Satkhira	000	0	2	00	00	95	00	0	147	76	0	0	9	0	1	63	80	000	0	0	00	00	97	00	0	161	73	0	0	9	0	0	62	58	— 1	+ 5	0.2	— 1.6	61.7	65
	Jessore	000	0	2	00	00	97	02	0	134	72	1	0	9	3	1	60	82	000	3	2	05	04	95	10	4	160	73	2	0	9	0	0	62	56	—	—	—	—	—	65
Rajshahi	Pabna	000	0	0	00	00	//	00	0	141	76	0	0	9	0	0	63	80	000	0	0	36	01	98	00	0	166	69	0	0	9	0	0	64	65	+ 3	+ 10	—	—	—	59
	Sirajganj	000	0	0	31	02	54	02	0	142	73	0	0	9	0	0	63	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					64
	Rajshahi	000	0	0	00	00	//	02	0	132	72	0	0	9	0	0	70	82	000	0	0	00	00	96	02	0	157	73	0	0	9	0	0	62	60	+ 5	+ 5	—	—	—	69
	Bogra	000	0	0	00	00	//	00	0	130	73	0	0	9	0	0	63	80	000	0	0	36	02	96	00	0	163	69	0	0	9	0	0	62	59	+ 2	+ 8	—	—	—	72
	Dinajpur	000	0	1	00	00	96	01	0	114	63	1	0	9	1	0	56	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					64
	Rangpur																																								—
Kashmir	Jammu	000	0	0	00	00	95	05	0	151	72	0	0	9	0	0	51	77	000	0	0	36	02	96	05	0	202	51	0	0	9	0	0	45	47	+ 2	+ 7	0.0	— 0.2	18.0	19
Lahore	Lahore (Jail Rd.)																																								32
	Sialkot	000	0	0	00	00	96	02	0	151	70	0	0	9	0	0	54	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Rawalpindi	Jhelum																																								—
	Islamabad	000	0	0	00	00	99	00	0	154	64	0	0	9	0	0	47	76	000	0	0	00	00	95	10	0	223	41	0	0	9	9	0	40	41	+ 7	+ 4	—	—	—	34
	Rawalpindi																																								—
	Campbellpur																																								—
Sargodha	Khushab	000	0	3	00	00	97	01	2	152	76	0	0	9	4	0	58	73	000	0	0	00	//	97	00	0	173	47	0	0	9	0	0	40	45	+ 3	—	0	0.0	— 0.2	7.8	18
	Sargodha	000	0	0	09	02	97	02	0	158	70	0	0	9	0	0	51	76	000	0	0	05	02	92	46	4	207	45	0	0	9	0	0	45	43	—	—	—	0.1	—	20.7
	Lyallpur	000	0	0	00	00	96	00	0	142	73	0	0	9	0	0	54	78	000	0	0	00	00	95	00	0	193	51	0	0	9	0	0	45	47	+ 6	+ 6	0.0	— 0.1	7.7	12
Multan	Sahiwal	000	0	0	00	00	97	02	0	151	72	0	0	9	0	0	50	78	000	0	0	00	00	96	04	0	210	47	0	0	9	0	0	41	45	+ 4	+ 3	0.0	— 0.1	11.3	10
	Multan																		000	0	4	36	00	92	03	1	176	50	0	0	9	0	4	18	//		/				7
	Lerah																																								8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	141	77	0	0	9	0	0	43	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					6
	Bahawalpur	000	0	0	00	00	96	00	0	141	78	0	0	9	0	0	59	85	000	0	0	00	00	93	03	1	174	59	0	0	9	0	0	22	//	+ 10			—	0.8	4
	Fort Abbas																																								6
Peshawar	Chakdara	000	0	2	36	02	58	03	1	151	60	2	0	9	0	8	43	63	000	0	0	05	05	98	02	0	220	40	0	0	9	0	0	35	35	—	—	—	—	—	—
	Peshawar	000	0	1	00	00	96	04	0	160	64	1	1	6	1	1	56	72	000	0	0	00	00	97	02	0	224	47	0	0	9	0	0	43	45	+ 3	+ 4	0.5	+ 0.1	14.8	11
	Risalpur	000	0	0	13	03	58	00	0	163	67	0	0	9	0	0	40	72	000	0	0	36	05	98	00	0	215	51	0	0	9	0	0	38	45	—	—	—	—	—	—
D.I. Khan	Bannu	000	0	2	16	01	99	01	1	152	70	0	0	9	2	0	40	72	000	0	0	27	01	99	00	0	126	43	0	0	9	0	0	43	47	—	—	0.5	—	—	3.0
	D. I. Khan	000	0	0	00	00	97	02	0	156	72	0	0	9	0	0	49	73	000	0	0	00	00	97	02	0	203	24	0	0	9	0	0	22	18	— 1	— 23	—	—	—	11
Quetta	Sibi	000	0	0	00	00	97	02	0	147	83	0	0	9	0	0	62	84	000	0	0	00	00	97	00	0	189	46	0	0	9	0	0	46	46	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	31	09	97	02	0	207	67	0	0	9	0	0	20	71	000	0	0	05	02	97	02	0	216	37	0	0	9	0	0	14	36	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	011	82	0	0	9	0	0	25	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	000	0	0	18	05	96	02	0	153	80	0	0	9	0	0	44	84	000	0	0	09	03	96	02	0	188	63	0	0	9	0	0	//	61	—	—	0.0	—	2.0	5
	Pasni	000	0	0	//	08	97	02	0	147	81	0	0	0	0	0	65	84	000	0	0	05	06	97	02	0	075	62	0	0	9	0	0	49	22	+ 5	—	0.0	— 0.5	0.2	6
Karachi division	Ormara	000	0	0	27	03	96	02	0	145	80	0	0	9	0	0	71	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Karachi (Manora)	000	0	0	36	03	96	02	0	132	84	0	0	9	0	0	53	86	000	0	0	05	02	96	02	0	183	61	0	0	9	0	8	45	47	—	—	0.0	—	1.5	—
	Karachi (Airport)																																	52							
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	060	87	0	0	9	0	0	//	92	000	0	0	05	02	97	02	0	072	70	0	0	9	0	0	...	70	—	—	0.0	—	0.1	—
	Chhor	000	0	0	36	05	96	02	0	125	80	0	0	9	0	0	40	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	0	31	03	97	02	0	146	78	0	0	9	0	0	52	87	000	0	0	36	05	97	02	0	188	60	0	0	9	0	0	45	60	+ 2	+ 8	0.0	— 0.1	0.3	9
	Badin	000	0	0	36	10	97	02	0	144	82	0	0	9	0	0	41	83	000	0	0	36	08	96	02	0	164	54	0	0	9	9	0	36	54	+ 1	+ 1	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	05	03	96	02	0	146	76	0	0	9	0	0	39	80	000	0	0	05	03	97	02	0	192	//	0	0	9	0	0	43	46	—	—	—	—	—	—
	Nawabshah	000	0	0	36	07	96	02	0	152	77	0	0	9	0	0	52	81	000	0	0	36	05	96	02	6	195	52	0	0	9	0	0	43	48	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	127	78	0	0	9	0	0	40	80	000	0	0	05	03	95	05	4	194	55	0	0	9	0	0	42	51	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	000	0	0	31	02	97	02	0	145	78	0	0	9	0	0	31	80	000	0	0	00	00	//	02	0	198	52	0	0	9	0	0	33	51	+ 3	+ 5	0.0	—	2.8	20
Sargodh	Varanai																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg *																																								34
	Sonamarg *																																								3
	Dras *																																								8
	Leh *																																								—
	Skardu *																																								—
	Minagar *																																								3
	Allabad *																																								59
	Gilgit *																																								—
Rawalpindi	Murree *	000	0	2	27	03	98	01	1	519	49	2	1	4	0	0	34	54	000	0	3	09	05	98	01	1	524	43	0	0	9	4	0	23	35	— 3	— 3	—	—	—	18
Peshawar	Drosh *																																								29
	Chitral *	000	0	0	36	09	98	00	0	522	54	0	0	9	0	0	32	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					—
	Kakul *	000	0	0	18	02	55	05	0	517	54	0	0	9	0	0	47	58	000	0	0	00	00	98	02	0	540	45	0	0	9	0	0	32	43	—	—	1.0	—	34.0	—
	Landikotal *	000	0	4	05	05	58	01	4	630	60	4	3	9	0	0	58	63	000	0	0	31	05	98	02	0	608	40	0	0	9	0	0	8	41	—	—	0.7	—	13.6	29
	Parachinar *																																								18
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	531	70	0	0	9	0	0	32	72	000	0	0	05	01	99	00	0	541	49	0	0	9	0	0	18	43	—	—	—	—	—	11
	Wana *	000	0	0	00	00	99	00	0	496	60	0	0	9	0	0	36	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	31	01	//	//	/	506	53	0	0	9	0	0	21	60	000	0	0	31	02	//	02	0	542	39	0	0	9	0	0	//	34	—	0	0.0	— 0.2	6.5	—
	Hindubagh *	000	0	0	20	03	96	02	0	504	64	0	0	9	0	0	45	62	000	0	0	27	02	97	02	0	583	32	0	0	9	0	0	13	23	—	—	0.0	—	0.2	9
	Loralai *																																								14
	Barkhan *	000	0	0	00	00	96	02	0	590	66	0	0	9	0	0	37	66	000	0	0	00	00	96	02	0	487	48	0	0	9	0	0	74	//	—	/	0.0	— 0.4	5.6	9
	Harnai *	000	0	0	00	00	96	02	0	542	51	0	0	9	0	0	17	64	000	0	0	27	03	96	02	0	547	32	0	0	9	0	0	15	38	—	—	—	—	—	8
	Samungli (Quetta) *	000	0	0	27	05	97	00	0	544	56	0	0	9	0	0	27	59	000	0	0	09	03	97	00	0	538	42	0	0	9	0	0	22	42	—	+ 5	0.0	— 0.1	4.8	—
	Chaman *	000	0	0	31	05	97	02	0	588	63	0	0	9	0	0	31	65	000	0	0	09	09	97	02	0	589	45	0	0	9	0	0	14	42	—	—	0.0	—	2.4	4
	Nushki *	000	0	0	05	03	97	02	0	523	64	0	0	9	0	0	18	67	000	0	0	00	00	98	02	0	533	36	0	0	9	0	0	12	33	+ 4	— 4	0.0	—	0.5	7
	Dalbandin *	000	0	0	27	03	96	00	0	505	54	0	0	9	0	0	30	62	000	0	0	13	02	96	00	2	524	33	0	0	9	0	0	14	//	+ 5	/	0.0	— 0.4	2.2	—
Kalat	Kalat *	000	0	1	35	05	96	03	0	532	64	1	0	5	9	0	31	70	000	0	0	05	02	96	02	0	532	41	0	0	9	0	0	25	37	+ 4	— 4	—	—	—	—
	Khuzdar *																																								
	Panjgur *																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 11th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Arendkerk	99 0 22	20 7 26	10 0 03	83 3 07	08 0 12	09 0 27	85 4 //	14 3 08			0 / / 24	12 7 60	30 2 01	34 5 03
Hines	99 2 53	10 5 85	10 0 03	03 6 08	99 0 20	17 6 85	00 0 00	23 4 00			05 2 55	17 7 05	30 2 01	
Dinadema	99 2 09	10 6 20	10 4 23	10 2 14	98 0 20	15 0 25	11 4 00	...			0 / / 20	12 6 44	30 4 03	99 / 03
Dinadema	99 2 21	10 6 08	10 3 63	13 3 14	98 0 20	19 0 25	11 4 00				0 / / 17	12 5 02	30 6 03	...
Hines	99 2 50	10 6 00	10 0 63	03 6 05	99 0 20	19 8 76	00 0 00	23 2 17			05 / 57	17 8 05	30 1 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	015 166 08	...	500 960 12	125 050 44	583 085 56	754 193 50	962 349 50	232 505 //	...	...	...	...	...
Dacca ...	00 00	013 150 17	...	410 080 30	099 044 50	5.. 101 //	747 195 //	955 11/ //	..	...	...	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 150 57	...	500 110 35	108 016 //	587 101 //	766 194 //	962 341 //	239 461 //	...	...	...	...	...
Multan ...	00 00	004 080 40	...	500 094 58	139 014 59	577 131 //				...	...	...	...	...
Peshawar ...	00 00	978 070 20	...	600 121 14	030 075 15	556 251 16	715 341 //	911 445 //	178 531 //	...	...	...	...	...
Quetta ...	00 00	824 006 99	...	...	086 015 //	568 167 //	732 281 //	933 417 //	...	...	...	...	...	...
Sargodha ...	00 00	996 124 58	...	550 090 58	096 850 58	/// /// //	731 281 //	928 391 //	205 601 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 114 03	800 080 81	600 081 57	...	...	...	...	...	...	...	..	...
Dacca ...	00 00	900 119 37	8.. 112 23	/// /// //	...	...	...	...	...	...	..	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	..	...	...
Quetta ...	00 00	..	800 019 //	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	270 04	200 04	230 04	185 04	228 09	250 13	200 22	.	...
Bogra ...	090 01	070 03	330 03	025 03	290 03	290 35	..	...	...
Chakiala ...		230 05	220 02	110 03	100 05	205 04	190 04	285 01	260 12
Chhor ...	021 00	005 09	010 09	025 10	010 02	270 10	311 52	290 34	270 28
Chittagong ...	165 13	175 17	155 17	190 13	230 07	240 07	...	...	..
Cherat ...	...	...	...	...	...	...		...	...
Cox's Bazar ...	265 03	270 07	245 02	285 04	300 05	...	...	..	..
Dacca ...	260 14	265 02	270 02	225 01	110 01	...			
Dalbandin ...		...	/20 09	070 06	040 06	320 11	300 29	250 33	290 39
D. I. Khan ...	015 03	340 04	335 06	265 04	090 03	210 08	275 10	275 10	295 12
Drosh ...	...	...	...						
Fort Sandeman ...	..	..	...	295 07	265 06	270 06	300 18	310 30	295 38
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	..	...	...	...		...	...	...
Jacobabad ...	315 12	320 12	335 13	335 14	310 16	300 19	320 33	323 27	310 41
Jessore ...	170 02	180 02	285 01	310 03	305 13	315 15	...	...	...
Jhelum ...	200 //	270 01	315 01	070 02	100 04	290 03	275 15	275 12	255 12
Jiwani ...	165 07	255 01	343 37	355 10	355 14	035 10	310 21	305 27	305 31
Karachi ...	360 06	015 05	048 08	060 08	070 08	345 06	300 19	325 20	310 19
Khanpur ...	025 10	015 12	/// //	010 16	360 19	330 22	270 18	280 07	255 40
Khuzdar ...	...	..	...	325 10	315 07	340 12	305 28	305 32	300 35
Lahore ...	320 28	315 07	310 05	310 05	335 04	290 06	240 09	290 17	270 19
Multan ...	070 84	060 04	/// //	050 09	125 05	230 10	290 13	310 15	310 17
Nawab Shah ...	005 09	035 12	015 10	340 03	290 05	330 14	305 27	295 29	245 31
Nokkundi ...	...	.	310 05	310 02	330 10	305 15	220 21	280 30	285 28
Panjgur ...	...		...	350 11	051 21	325 07	310 27	310 35	310 39
Peshawar ...	...	220 02	360 05	335 09	015 07	310 05	228 09	270 13	265 14
Parachinar ...	...	...	...	165 05	160 03	305 16			...
Quetta ...				...	310 08	305 11	290 11	310 32	
Sargodha ...	050 01	325 01	290 01	060 03	275 03	250 10	285 13	290 19	295 31
Skardu ...	...		No	Ascent	...		...	...	...
Sylhet ...	100 03	110 03	145 04	195 07	165 04	010 07	..	—	...
Veraval ...	...	...	.	...	...	.	..	...	...

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
Barisal ...		...			...	...
Bogra ...	135 03	105 04	140 03	315 04	310 21	290 31
Chakiala ...	...	065 03	120 01	065 07	030 03	155 03
Chhor ...	...	...	...	...	...	...
Chittagong ...	..	...	...	...	...	...
Cherat ...	...	...		...	...	...
Cox's Bazar ...				...		
Dacca ...	080 08	355 09	355 09	...	260 05	
Dalbandin ...		...	100 01	165 04	270 04	255 13
D. I. Khan ...	075 07	310 08	325 07	140 04	070 08	260 06
Drosh ...	...	...	...			
Fort Sandeman ...	...	..	...	280 04	305 08	295 15
Gilgit ...	...	...	.	...	..	
Ishurdi ...	...					
Jacobabad ...	050 06	045 05	360 06	360 05	020 07	345 07
Jessore ...	105 08	100 05	085 04	355 34	345 13	305 08
Jhelum ...	340 06	010 06	060 06	111 06	025 02	160 09
Jiwani ...	160 14	075 07	015 06	355 09	360 08	125 13
Karachi ...						
Khanpur ...	020 10	020 11	/// //	133 03	295 13	270 17
Khuzdar ...				290 06	305 10	315 15
Lahore ...	035 07	005 09	005 08	360 04	225 01	185 03
Multan ...	060 08	045 07	010 12	005 10	025 07	285 10
Nawab Shah ...	035 15	040 12	035 09	010 12	010 11	305 14
Nokkundi ...	...	...	325 08	340 05	200 10	250 16
Panjgur ...	...			015 15	015 19	360 20
Peshawar ...	...	/// //	/// //	324 02	350 55	305 13
Parachinar ...	...	...	...	...	...	.
Quetta ...	...					
Sargodha ...	020 03	360 09	170 05	320 04	250 11	230 10
Skardu ...	...					
Sylhet ...	095 10	095 10	115 04	215 05	115 03	...
Veraval ...	...	..	...	...	..	.

STATION	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	280 09	290 07	310 06	280 04	270 06	340 12	260 17	282 1	260 31	285 08	260 40
Bogra ...	340 03	350 03	270 02		235 04		...				
Chakiala ...	...	175 03	/// //	050 04	060 05	140 05	300 10	215 03	285 02	...	...
Chhor ...	...	...					...	...	...	...	...
Chittagong ...	265 04	250 03	185 11	170 11	260 09	290 11	280 24	305 27	315 27	...	...
Cherat ...	...	...			.	...	...	...	..	...	..
Cox's Bazar ...	...	...	..	...					...	...	...
Dacca ...	...	...									
Dalbandin ...	...	...	080 10	055 13	360 10	355 11	325 19	330 34	340 42	330 38	300 42
D. I. Khan ...	320 09	330 12	340 17	010 06	010 08	015 08	340 09	315 13	305 15	285 19	265 67
Drosh ...	...	...	...							...	...
Fort Sandeman ...	...	...	.	205 04	355 03	035 02	290 11	285 21	275 21	280 26	290 46
Gilgit ...	...	...			...	...	...	...	...	...	...
Ishurdi ...	...										
Jacobabad ...	320 02	010 02	045 05	045 11	080 19	115 31	355 22	010 26	015 17	...	...
Jessore ...	335 05	335 05	335 03	325 04	350 06	270 12	280 23	270 31	270 40	...	...
Jhelum ...	330 06	330 12	335 08	075 03	175 04	165 15	265 11	270 19	275 27	...	...
Jiwani ...	055 17	055 20	040 17	360 10	350 13	015 13	005 28	005 29		...	...
Karachi ...	950 10	050 15	050 14	035 07	035 06	335 09	275 13	280 15	265 25	...	...
Khanpur ...	031 07	030 21	035 24	035 26	035 19	015 15	325 17	290 15	260 19	300 17	305 37
Khuzdar ...	...	...	...	...						...	...
Lahore ...	/// //	/// //	/// //	010 04	075 02	150 05	230 08	265 10	265 18	...	...
Multan ...	360 19	360 19	355 17	355 26	360 27	010 25	015 09	350 04	275 07	...	...
Nawab Shah ...	020 12	015 13	035 11	060 01	350 12	/// //	270 18	126 52	270 25	...	...
Nokkundi ...	...	...	130 04	140 04	155 05	145 08	120 13	100 18	095 20	...	...
Panjgur ...	...			005 11	360 14	340 20	330 02	320 28	320 31	...	...
Peshawar ...	...	230 04	235 04	245 06	250 06	298 07	135 06	195 15	195 17	—	...
Parachinar ...	...		...	...			...		...	...	...
Quetta ...	...			...	320 06	310 11	300 24	395 9	295 30	...	...
Sargodha ...	350 03	155 03	005 07	325 07	280 07	300 08	290 14	285 21	285 22	...	...
Skardu ...	—	...	...			...	...	..	...	..	..
Sylhet ...		110 05	130 04	155 05	280 12	285 27	275 42	..	...	...	...
Veraval ...	100 07	...	...	...	...		—	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	055 11	055 09	040 08	020 11	020 15	300 12	260 15	263 21	260 24	...	...	...	...	...	...	...	...	...
Multan ...	045 24	030 18	025 10	175 24	345 08	335 25				...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

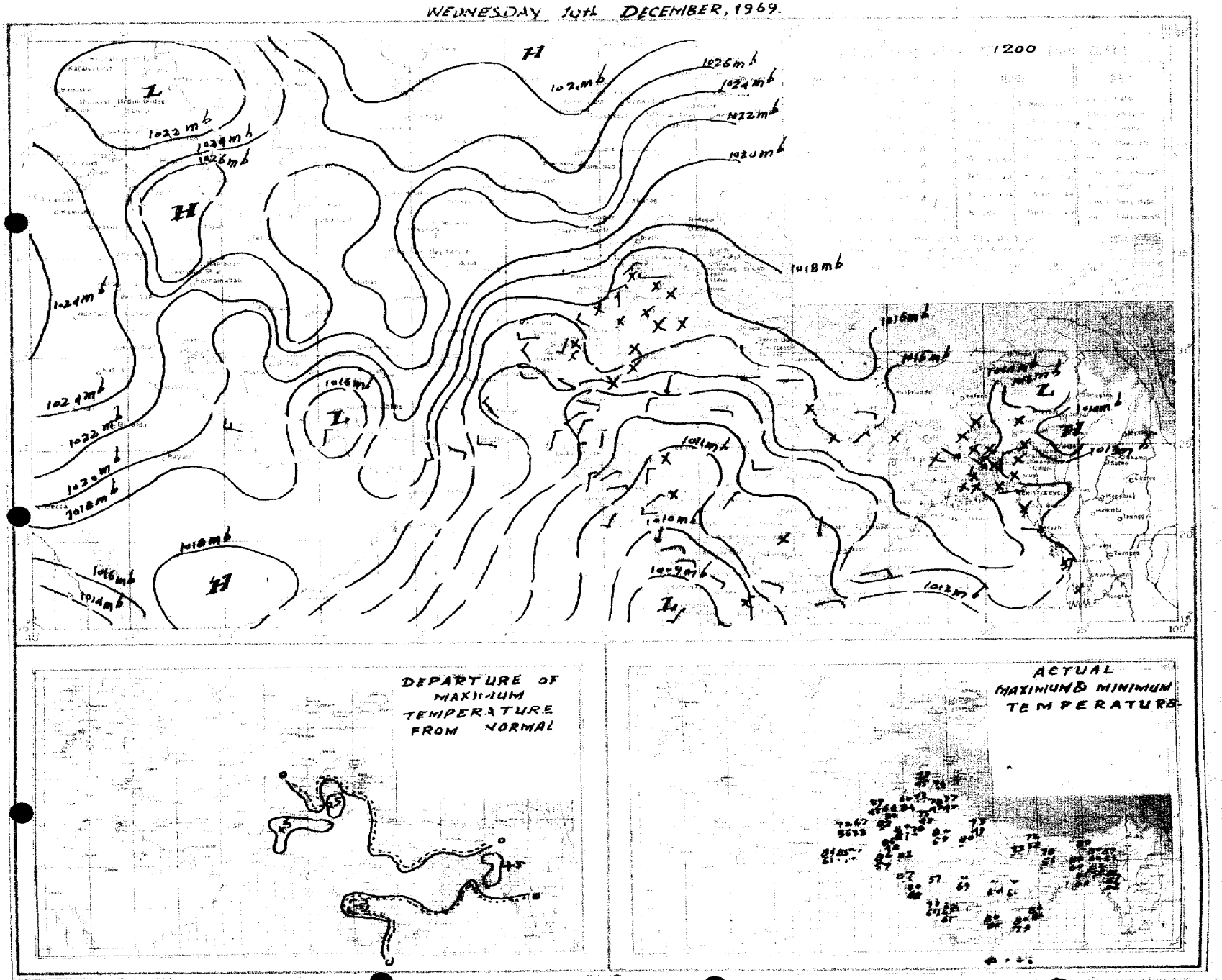
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre I Air Port, KARACHI—11

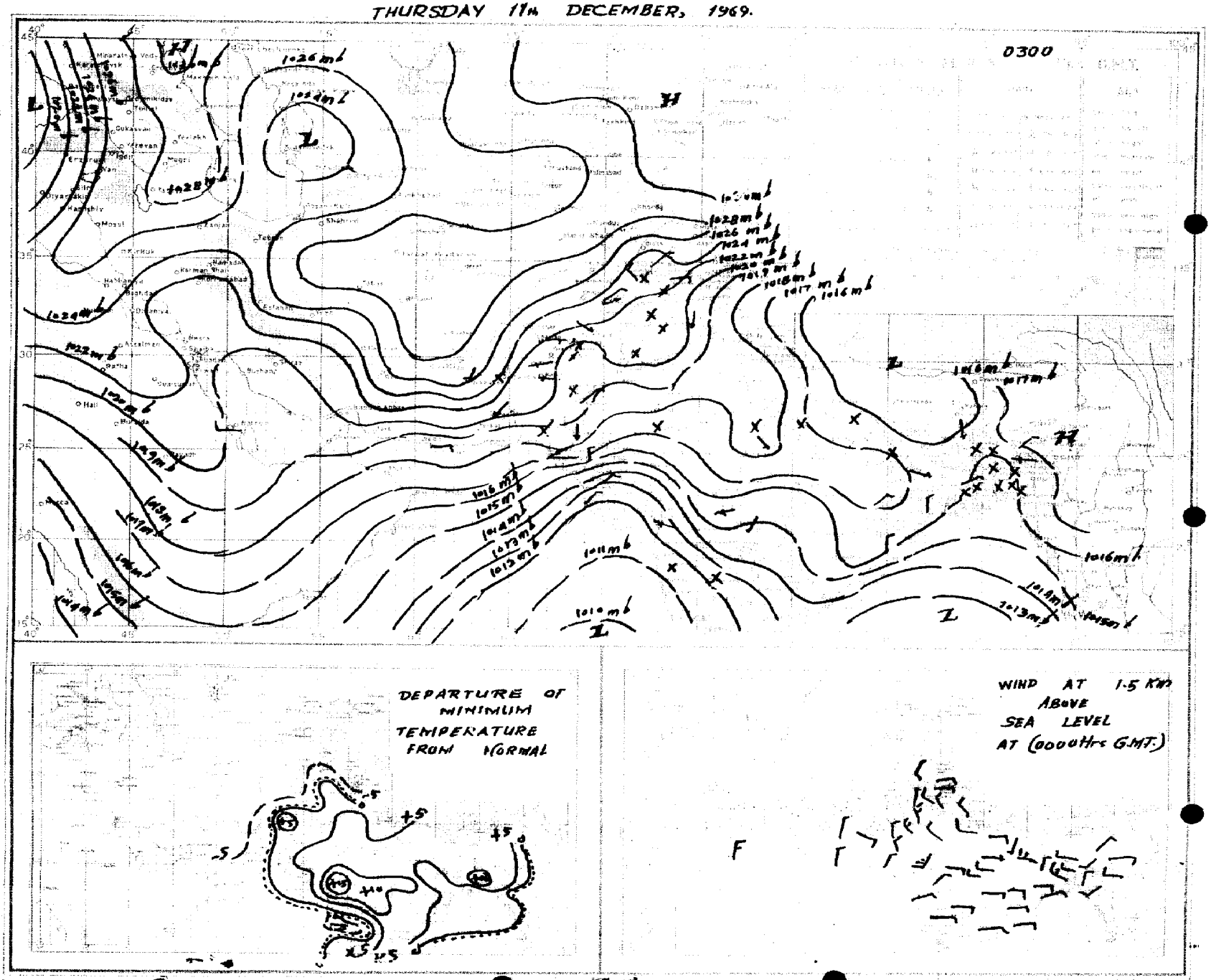
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 10TH DECEMBER, 1969.



PAKISTAN DAILY WEATHER MAP

THURSDAY 11th DECEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 12th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

A trough of low pressure extends over Chittagong division and neighbourhood. Dry continental air prevails over West Pakistan. Weather remained dry over the country.

Night temperatures were 9 – 11 °F (5—6 °C) above normal in Khulna division and 3—8 °F (2—4 °C) so elsewhere in East Pakistan and in Lahore, Peshawar and Kalat divisions and were 3 – 6 °F (2—3 °C) below normal in Multan, Quetta and Hyderabad divisions.

Forecast valid until the evening of 13th December 1969 : – A few thunderstorm/showers are likely to occur in Chittagong division and southern districts of Khulna division. Otherwise weather is likely to remain dry over the country.

Karachi-11
The 12th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions (1)	Stations (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	0	31	02	95	08	0	122	76	0	0	9	0	0	64	82	000	0	4	03	02	97	61	4	159	69	4	3	8	0	0	65	64	—	—	—	—	—	—
	Cox's Bazar	000	0	0	31	00	//	02	0	119	73	9	0	9	0	0	67	82	000	0	2	09	05	97	02	0	145	73	1	2	3	1	1	66	63	+ 2	+ 4	—	—	—	140
	Chittagong	000	0	3	00	00	//	02	0	117	73	3	0	9	0	3	64	82	000	0	6	09	02	96	02	2	148	73	1	2	5	6	0	64	60	+ 3	+ 2	—	—	—	103
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	6	7	00	00	96	03	2	148	65	2	1	5	3	0	62	59		+ 1	0.4	— 1.4	18.6	115
	Comilla	000	0	0	00	00	//	00	0	112	73	0	0	9	0	0	64	82	000	0	3	00	00	96	02	0	148	69	3	4	7	0	0	69	64		+ 9	—	—	—	94
	Brahmanbaria	000	0	3	00	00	//	02	1	113	73	1	1	6	0	.	63	87	000	0	4	00	00	97	03	1	155	73	4	0	9	4	0	65	69	—	—	—	—	—	78
	Sylhet	000	0	0	00	00	//	00	0	110	67	0	0	9	0	0	60	80	000	0	0	35	05	96	02	2	153	69	2	4	5	2	/	60	60	—	—	—	—	—	—
	Srimangal	000	0	4	00	00	//	02	1	132	72	4	4	9	0	0	63	78	000	0	0	00	00	56	00	0	163	72	0	0	9	8	0	64	67	— 1	+ 2	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	115	76	0	0	4	0	0	63	82	000	0	7	00	00	97	02	2	161	69	7	4	4	0	0	64	64	+ 1	+ 9	—	—	—	91
	Narayanganj	000	0	3	00	00	96	02	0	114	76	3	0	9	4	0	64	80	000	0	8	05	02	95	02	2	148	75	8	6	9	/	/	64	65	+ 3	+ 8	—	—	—	74
	Dacca (Tezgaon)	000	0	0	02	02	93	00	0	118	76	0	0	9	0	0	59	80	000	0	6	00	00	96	05	2	151	73	6	0	9	4	0	64	60	—	—	—	—	—	—
	Faridpur	000	0	2	00	00	//	//	/	116	74	2	4	9	0	0	64	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					71
Khulna	Barisal																		000	0	6	00	00	97	02	2	153	68	3	4	4	2	8	64	60	+ 4	+ 4	0.9	— 0.8	65.2	81
	Khulna	000	0	2	00	00	95	01	0	100	73	2	0	9	1	0	67	85	000	0	7	00	00	97	03	2	158	69	0	4	7	1	0	58	64	+ 5	+ 1	0.2	— 1.7	61.7	68
	Satkhira	000	0	1	00	00	97	02	0	119	73	1	0	9	4	0	63	82	000	0	8	03	02	95	02	4	148	69	0	0	9	4	2	64	64	+ 3	+ 9	—	—	—	65
	Jessore	000	0	9	00	00	//	01	1	171	73	/	/	/	/	/	//	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	000	0	6	00	00	//	02	0	135	77	6	6	6	0	0	63	80	000	0	8	00	00	97	02	2	165	69	8	0	7	1	0	65	63	+ 2	+ 5	—	—	—	59
	Sirajganj	000	0	4	00	00	94	03	1	125	73	0	0	9	3	0	67	80	000	0	6	36	02	96	03	0	160	68	0	0	9	3	0	64	64	+ 3	+ 10	3.0	+ 2.4	70.3	64
	Rajshahi	000	0	6	00	00	//	02	2	123	72	0	0	9	0	7	63	82	000	0	7	00	00	96	02	0	150	69	3	5	5	7	0	68	64	+ 4	+ 9	—	—	—	—
	Bogra	000	0	4	00	00	//	01	0	113	76	4	0	9	4	0	63	80	000	0	7	00	00	96	01	1	162	70	7	0	9	2	/	66	63	+ 6	+ 12	—	—	—	69
	Dinajpur	000	0	2	00	00	56	01	0	151	62	2	0	9	1	0	56	78	000	0	6	05	02	96	03	0	172	62	6	0	9	2	0	59	56	+ 2	+ 4	1.5	+ 1.1	67.6	72
	Rangpur																																								84
Kashmir	Jammu	000	0	0	31	02	97	05	0	149	72	0	0	9	0	0	47	76	000	0	0	00	00	95	10	0	192	45	0	0	9	0	0	43	43	+ 3	+ 3	0.0	— 0.2	18.0	—
Lahore	Lahore (Jail Rd.)																																								19
	Sialkot	000	0	0	31	02	56	02	0	151	70	0	0	9	0	0	45	77	000	0	0	36	02	96	02	0	189	43	0	0	9	0	0	40	41	—	—	—	—	—	32
Rawalpindi	Jhelum																																								—
	Islamabad	000	0	0	27	02	99	00	0	139	64	0	5	9	0	0	41	73	000	0	0	00	00	97	00	0	204	40	0	0	9	0	0	38	38	+ 5	+ 1	—	—	—	—
	Rawalpindi																																								34
	Campbellpur	000	0	0	00	//	97	00	0	158	72	0	0	9	0	0	58	78	000	0	8	00	//	98	00	0	180	51	0	0	9	0	0	43	45	+ 5	0	0.0	— 0.2	7.8	—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	03	96	02	0	185	43	0	0	9	0	0	43	40		—	0.1	—	20.8	13
	Sargodha	000	0	0	00	00	96	00	0	162	73	0	0	9	0	0	49	77	000	0	0	29	02	95	00	0	194	46	0	0	9	0	0	36	43	+ 7	+ 2	0.0	— 0.1	7.7	—
	Lyallpur																																								12
Multan	Sahiwal	000	0	0	00	00	97	02	0	165	70	0	0	9	0	0	45	76	000	0	1	00	03	96	04	0	198	45	0	0	9	0	0	43	40	+ 4	— 3	0.0	— 0.1	11.3	10
	Multan	000	0	4	36	00	94	03	2	153	78	0	0	9	0	4	22	78	000	0	2	36	00	92	00	0	190	//	0	0	9	0	2	43	43	—	—	—	—	—	7
	Leiah	000	0	0	00	00	97	02	0	161	73	0	0	9	0	0	45	77	000	0	0	00	00	96	05	0	196	45	0	0	9	0	0	40	40	+ 1	— 4	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	155	78	0	0	9	0	0	59	82	000	0	0	00	00	96	00	0	169	60	0	0	9	0	0	45	47	+ 3	— 4	—	—	—	6
	Bahawalpur	000	0	0	23	02	98	00	0	144	80	0	0	9	0	0	73	80	000	0	0	00	00	97	00	0	185	56	0		9	0	0	45	//	—	—	0.8	—	0.9	6
	Fort Abbas	000	0	0	36	02	90	02	0	157	64	0	0	9	0	0	38	64	000	0	0	05	05	98	02	0	209	38	0	0	9	0	0	35	38	—	—	—	—	—	8
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	03	0	202	45	0	0	9	0	0	38	41		0	0.5	+ 0.1	14.8	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	98	00	0	205	51	0	0	9	0	0	28	45		—	—	—	—	11
	Haripur																																								—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	161	70	0	0	9	0	0	40	73	000	0	0	00	00	99	00	0	195	50	0	0	9	0	0	33	46	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	97	00	0	168	70	0	0	9	0	0	50	73	000	0	0	00	00	97	02	0	194	47	0	0	9	0	0	38	43	8	+ 2	—	—	—	9
Quetta	Sibi	000	0	0	00	03	97	02	0	149	80	0	0	9	0	0	56	84	000	0	0	00	00	97	02	0	205	45	0	0	9	0	0	42	43	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	03	03	97	02	0	177	65	0	0	9	9	0	//	71	000	0	0	31	03	97	02	0	254	43	0	0	9	0	0	20	37	—	—	0.0	—	0.3	2
Kalat	Turbat	010	0	0	05	03	96	00	0	///	86	0	0	9	0	0	46	86	010	0	0	05	02	96	00	0	///	60	0	0	9		0	23	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	0	09	09	96	02	0	158	79	0	0	9	0	0	67	81	000	0	0	36	05	96	02	0	195	59	0	0	9	0	0	16	55	—	—	0.0	—	2.0	5
	Pasni	000	0	0	//	04	97	02	0	161	78	0	0	0	0	0	68	83	000	0	0	29	04	97	02	0	170	65	0	0	9	0	0	62	//	+ 6	/	0.0	— 0.5	0.2	6
Karachi division	Ormara	000	0	0	18	03	96	02	0	156	80	0	0	9	0	0	73	83	000	0	8	09	03	96	00	0	191	62	0	0	9	0	0	60	//	—	—	—	—	—	6
	Lasbela	000	0	0	00	00	98	00	0	139	84	0	0	9	0	0	59	87	000	0	0	00	00	98	00	0	168	59	0	0	0	0	0	33	40	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	36	05	96	02	0	148	80	0	0	9	0	0	41	83	000	0	0	05	02	96	02	0	184	55	0	0	9	0	0	22	32	—	—	0.0	—	1.5	8
	Karachi (Airport)	000	0	0	05	02	97	02	0	160	87	0	0	0	0	0	80	93	000	0	0	05	02	97	02	0	173	70	0	0	9	0	0	//	70	—	—	0.0	—	0.1	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	181	55	0	0	9	0	0	39	49	—	—	—	—	—	—
	Chhor	000	0	0	36	05	97	02	0	155	77	0	0	9	0	0	43	80	000	0	0	36	03	97	02	0	192	56	0	0	9	0	0	46	55	+ 1	+ 3	0.0	— 0.2	0.3	7
	Hyderabad	000	0	0	36	14	97	02	0	145	81	0	0	9	0	0	62	82	000	0	0	36	04	96	02	0	174	50	0	0	9	0	0	25	48	+ 1	— 5	0.0	— 0.2	0.3	9
	Badin																																	41							—
Khairpur	Padidan	000	0	8	31	05	96	02	0	159	75	0	0	9	0	0	42	79	000	0	0	00	00	96	02	0	198	44	0	0	9	0	0	43	42	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	31	05	96	02	0	152	75	0	0	9	0	0	49	80	000	0	0	36	02	96	02	0	201	58	0	0	9	0	0	46	46	—	—	0.0	—	1.1	4
	Sukkur	000	0	0	13	03	96	02	0	146	75	0	0	9	0	0	47	79	000	2	0	05	02	95	05	4	192	53	0	0	9	0	0		50	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	000	0	0	23	02	97	02	0	162	78	0	0	9	0	0	33	79	000	0	0	00	00	96	02	0	198	51	0	0	9	0	0	39	47	+ 4	+ 1	0.0	0.0	2.8	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								24
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								
Rawalpindi	Murree *	000	0	0	05	03	98	00	1	529	49	0	0	9	0	0	41	54	000	0	0	18	09	98	00	1	534	43	0	0	9	0	0	14	38	+ 6	0	—	—	—	18
Peshawar	Drosh *	000	0	5	00	00	97	01	2	524	54	3	5	7	2	0	20	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					19
	Cherat *	000	0	0	36	08	98	00	0	576	54	0	0	9	0	0	29	60	000	0	0	36	24	98	00	0	573	49	0	0	9	0	0	33	49	+ 5	+ 6	—	—	—	—
	Kakul *	000	0	0	31	02	97	02	0	523	58	0	0	9	0	0	43	60	000	0	0	02	02	98	02	0	528	47	0	0	9	0	0	35	43	—	—	1.0	—	33.9	—
	Landikotal *	000	0	0	31	05	98	02	0	614	56	0	0	9	0	0	56	64	000	0	0	36	02	98	02	0	162	43	0	0	9	0	0	42	32	—	—	0.7	—	13.7	29
	Parachinar *	000	0	1	16	07	98	02	2	534	51	1	1	8	0	0	49	58	000	0	1	34	02	98	03	0	551	40	0	0	9	0	0	1	33	+ 3	+ 1	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	153	70	0	0	9	0	0	30	72	000	0	0	05	05	99	00	0	553	49	0	0	9	0	0	40	43	—	—	—	—	—	11
	Wana *																																								11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	521	58	0	0	9	0	0	12	61	000	0	0	23	02	98	02	0	528	34	0	0	9	0	0	18	28	+ 3	— 6	0.0	— 0.3	6.5	—
	Hindubagh *	000	0	0	23	03	97	02	0	524	62	0	0	9	0	0	23	63	000	0	0	00	00	97	02	0	579	33	0	0	9	0	0	18	23	—	—	0.0	—	0.2	9
	Loralai *																																								—
	Barkhan *	000	0	0	31	02	97	00	2	486	64	0	0	9	0	0	34	71	000	0	0	31	02	97	02	0	490	55	8	0	9	0	0	19	48	—	—	—	—	—	14
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	491	44	0	0	9	0	0	25	//		—	0.0	— 0.4	5.7	9
	Samungli (Quetta) *	000	0	0	31	03	96	02	0	531	52	0	0	9	0	0	38	56	000	0	0	00	00	94	02	0	541	15	0	0	9	0	0	13	15	—	—	—	—	—	8
	Chaman *	000	0	0	27	01	97	00	0	500	56	0	0	9	0	0	23	57	000	0	0	09	03	97	00	0	542	51	0	0	9	0	0	35	48	0	— 11	0.0	— 1.1	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	584	59	0	0	9	0	0	21	63	000	0	0	00	00	97	02	0	583	41	0	0	9	0	0	08	40	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	0	05	03	98	02	0	547	61	0	0	9	0	0	12	63	000	0	0	00	00	98	02	0	523	30	0	0	9	0	0	18	39	0	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	27	02	96	00	2	513	58	0	0	9	0	0	30	63	000	0	0	18	02	96	00	2	517	39	0	0	9	0	0	16	30	+ 8	+ 4	0.0	— 0.3	2.2	—
	Khuzdar *	000	0	0	00	00	97	02	0	517	65	0	0	9	0	0	37	47	000	0	0	22	02	96	02	0	527	39	0	0	9	0	0	//	6	—	—	—	—	—	
	Panjgur *	000	0	0	31	07	96	02	0	537	63	0	0	9	0	0	29	67	000	0	0	05	07	96	02	0	526	35	0	0	9	0	0	20	34	+ 2	— 7	—	—	—	—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 12th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Diadne	93 1 65	10 6 64	11 1 23	20 3 18	98 0 20	15 5 27	21 4 00				0 / / 21	12 6 52	30 7 04	00 / 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	010 160 89	...	360 120 58	046 056 62	572 087 09	742 167 00	951 345 56	221 541 / /	401 677 / /	635 843 / /	...	...	...
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	—	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	016 240 37	...	500 114 56	134 020 / /	568 285 / /	725 361 / /	932 421 / /	200 545 / /	...	...	...	...	...
Multan ...	00 00	003 062 18	...	580 060 45	075 115 / /	560 235 / /	721 331 / /	...	...	...	...	...	...	..
Peshawar ...	00 00	975 080 30	...	495 094 39	098 002 34	571 173 / /	735 253 / /	939 361 / /	214 445 / /	...	...	...	...	...
Quetta ...	00 00	824 013 60	...	/// /// //	094 000 / /	568 195 / /	732 255 / /	938 319 / /	219 407 / /	...	...	...	...	...
Sargodha ...	00 00	934 124 56	...	500 080 55	052 055 / /	561 221 / /	722 295 / /	923 411 / /	...	..	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 122 00	800 094 59	600 109 46	350 243 22	...	...	...	...	...	100 843 / /	-	...
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...		...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan ...	00 00	...	...	.	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 022 / /	782 020 / /	700 000 / /	680 111 / /	350 281 / /	290 517 / /	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	..	...	...	...	...	...	...	...	...

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal	030 02	020 05	345 04	285 04	325 03	280 08	...	...	...
Bogra	280 05	290 07	303 06	315 05	275 13	285 34	...	...	...
Chaklala	..	275 06	350 06	040 02	095 06	335 06	310 11	255 04	275 01
Chhor	025 17	285 21	/// //	030 15	255 27	310 13	...	...	...
Chittagong	030 05	075 03	120 04	120 09	200 19	250 19	...	...	..
Cherat	...	...	...	...	...	...	..	...	...
Cox's Bazar	315 09	315 01	295 09	285 06	/// //	155 02	...	...	..
Dacca	290 04	300 03	310 03	315 02	020 01	300 06	—	...	
Dalbandin	..	..	085 08	060 07	355 10	355 12	310 26	315 32	305 34
D. I. Khan	045 01	340 02	125 03	015 06	010 07	340 07	285 11	290 18	275 20
Drosh	...	...	...	235 04	230 06	225 04	...	...	...
Fort Sandeman	..	.	...	295 03	260 03	315 07	300 12	295 29	290 29
Gilgit			.	345 01	100 04	150 //	...	...	—
Ishurdi	280 04	290 07	305 06	315 05	275 13	285 34	...	...	..
Jacobabad	250 03	315 03	335 05	015 07	205 08	330 15	330 21	310 20	320 29
Jessore	325 04	330 04	345 04	350 04	325 03	315 03	...	...	...
Jhelum	295 07	310 08	315 06	305 03	145 03	135 12	050 06	260 11	280 01
Jiwani	100 //	095 04	040 06	355 12	350 14	335 16	345 19	350 25	345 29
Karachi	010 13	030 10	030 10	025 13	360 11	325 18	305 15	285 14	235 16
Khanpur	345 08	350 09	330 10	340 14	310 10	255 07	215 11	230 15	235 18
Khuzdar	...	...	-	320 02	340 06	325 14	330 17	330 26	330 26
Lahore	345 13	345 13	370 04	340 13	320 08	310 08	220 06	185 07	230 04
Multan	360 10	355 12	355 12	005 13	355 15	335 09	330 24	290 39	290 49
Nawab Shah	350 10	015 15	055 14	050 16	350 14	337 17	345 26	340 25	325 41
Nokkundi	...		235 04	240 03	260 02	295 09	290 06	330 07	325 11
Panjgur	..	..	...	025 06	030 07	020 07	340 19	345 31	340 34
Peshawar	...	340 05	335 05	350 05	015 04	005 04	295 13	280 23	265 17
Parachinar	..	...	...	295 06	155 03	280 23	280 19	270 31	245 19
Quetta	...			...	330 08	315 10	295 26	285 45	280 50
Sargodha	280 03	305 03	335 05	310 03	250 05	345 03	315 17	275 16	270 17
Skardu	...	...	...	045 01	070 01	045 04	...	...	...
Sylhet	330 01	315 01	260 01	240 01	050 20	280 20	..	—	...
Veraval	...	...		...	...	-		...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	060 04	065 03	030 03	...	...	...
Bogra	135 02	305 04	340 03	315 04	310 21	290 31
Chaklala	...	300 08	200 06	340 04	/// //	275 02
Chhor	020 19	020 17	025 14	040 09	310 09	275 19
Chittagong	.	...	...	...	...	...
Cherat	..	...		...	...	...
Cox's Bazar	360 13	010 05	140 06	135 03	115 06	
Dacca	040 04	030 05	030 05	250 03	315 02	320 13
Dalbandin	-	...	065 05	265 09	135 12	360 43
D. I. Khan	025 06	030 09	035 08	110 06	140 08	230 05
Drosh	...	...	...	...		
Fort Sandeman	...	.	..	280 04	305 08	295 15
Gilgit				...	.	.
Ishurdi	015 06	360 03	270 03	290 03	...	...
Jacobabad	345 02	340 04	335 03	305 06	290 10	320 11
Jessore	040 08	050 03	105 01	310 05	285 06	215 10
Jhelum	340 06	010 06	060 06	110 06	020 05	160 09
Jiwani	/// //	125 12	050 09	045 09	050 13	325 10
Karachi	-			...	-	.
Khanpur	265 07	270 09	265 06	260 05	255 03	245 17
Khuzdar				270 07	290 04	290 13
Lahore	325 10	315 12	305 12	305 10	290 09	250 19
Multan	270 05	255 06	340 04	015 10	005 12	320 15
Nawab Shah	...	...	...	...	...	...
Nokkundi	...	...	065 10	320 06	290 06	290 11
Panjgur	...	.		025 08	025 07	020 11
Peshawar	...	115 07	340 15	320 11	335 10	310 12
Parachinar	...	...	...	...	...	.
Quetta	...	...	...	...	...	...
Sargodha	305 08	345 07	360 10	340 07	330 11	290 05
Skardu	...	...	...	...	...	...
Sylhet	085 08	085 03	095 03	245 05	/// //	275 21
Veraval	...	...	...	—	...	-

At 0600 hrs. G.M.T. † of date (dd ff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	025 03	025 02	060 02	050 07	065 07	.	—	...	...	-	...
Bogra	045 03	035 03	325 01	285 12	...		...		...	..	...
Chaklala	...	095 03	235 01	115 03	125 04	260 03	280 08	305 23	285 26	...	...
Chhor	025 17	030 22	030 23	020 18	030 10	220 16	285 10	275 09	275 17	..	-
Chittagong	015 03	255 02	215 02	135 09	215 06	215 07	240 15	230 20	240 37	240 52	230 53
Cherat	...	...				...	...	...	..	...	..
Cox's Bazar	210 06	275 04	160 04	150 11	150 07	075 06	275 11	230 09	210 09	...	...
Dacca	035 01	005 01	250 01	320 07	250 13	275 15	..	...	...	..	...
Dalbandin	...	-	065 06	060 05	325 10	315 16	295 26	303 35	300 38	300 49	295 60
D. I. Khan	300 17	310 11	210 08	265 07	255 04	285 01	310 19	290 24	280 26	270 33	265 44
Drosh	-	...	...			...	...	-	.	...	..
Fort Sandeman	...	...	-	225 08	210 13	275 15	310 21	265 20	275 21	295 34	310 57
Gilgit	..	...			...	...	-	...	...	...	...
Ishurdi	030 03	030 02	345 03	325 03		..	...		...	..	
Jacobabad	310 11	315 11	315 10	315 12	295 13	010 10	040 08	340 19	335 23	325 36	295 32
Jessore	300 01	035 03	010 03	020 04	315 09	255 09	...	...	...	...	
Jhelum	310 09	310 06	305 02	080 03	135 10	110 07	275 09	290 19	275 23	265 36	265 52
Jiwani	025 17	040 13	360 14	025 11	045 08	010 09	335 12	310 12	320 26	315 31	-
Karachi	050 10	045 09	020 17	030 03	025 12	350 08	320 16	295 21	325 38	...	—
Khanpur	...	-	.	...							
Khuzdar	...	...	...	235 01	315 03	310 11	305 23	300 29	290 31	285 02	290 32
Lahore	360 03	355 05	320 07	305 10	270 11	145 10	335 07	295 06	290 09	270 10	298 24
Multan	280 09	310 08	345 07	345 07	360 09	025 17	345 14	305 24	305 24	330 29	325 43
Nawab Shah	040 06	035 09	060 10	036 10	025 13	340 11	315 25	..	...	..	...
Nokkundi	...	...	200 03	010 03	325 13	325 19	285 23	295 30	295 30	305 38	...
Panjgur	...		...	010 17	010 15	345 11	305 13	310 25	305 32	...	
Peshawar	...	080 02	205 21	320 09	355 03	348 04	275 15	275 24	270 26	270 29	265 41
Parachinar	...	...	...	...	...	...	—	--	—	.	.
Quetta	...	...	...	...	...	...	...	...	...	...	..
Sargodha	310 03	345 04	355 07	355 08	355 06	310 06	295 11	285 20	275 22	275 27	275 42
Skardu	—	...	...	...	.	...	...	—	...	.	..
Sylhet		090 03	080 03	...	...	...	...	..	...	...	...
Veraval	100 01	...	...	...	...	..	--	...	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ..	045 19	040 30	040 27	045 15	010 17	010 19	345 13	337 ?5	235 26	315 20	305 39	270 39	...	...	...	...	...	..
Multan ...	285 06	315 02	035 02	175 06	335 06	330 13	300 21	283 37	280 38	280 66	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIIii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

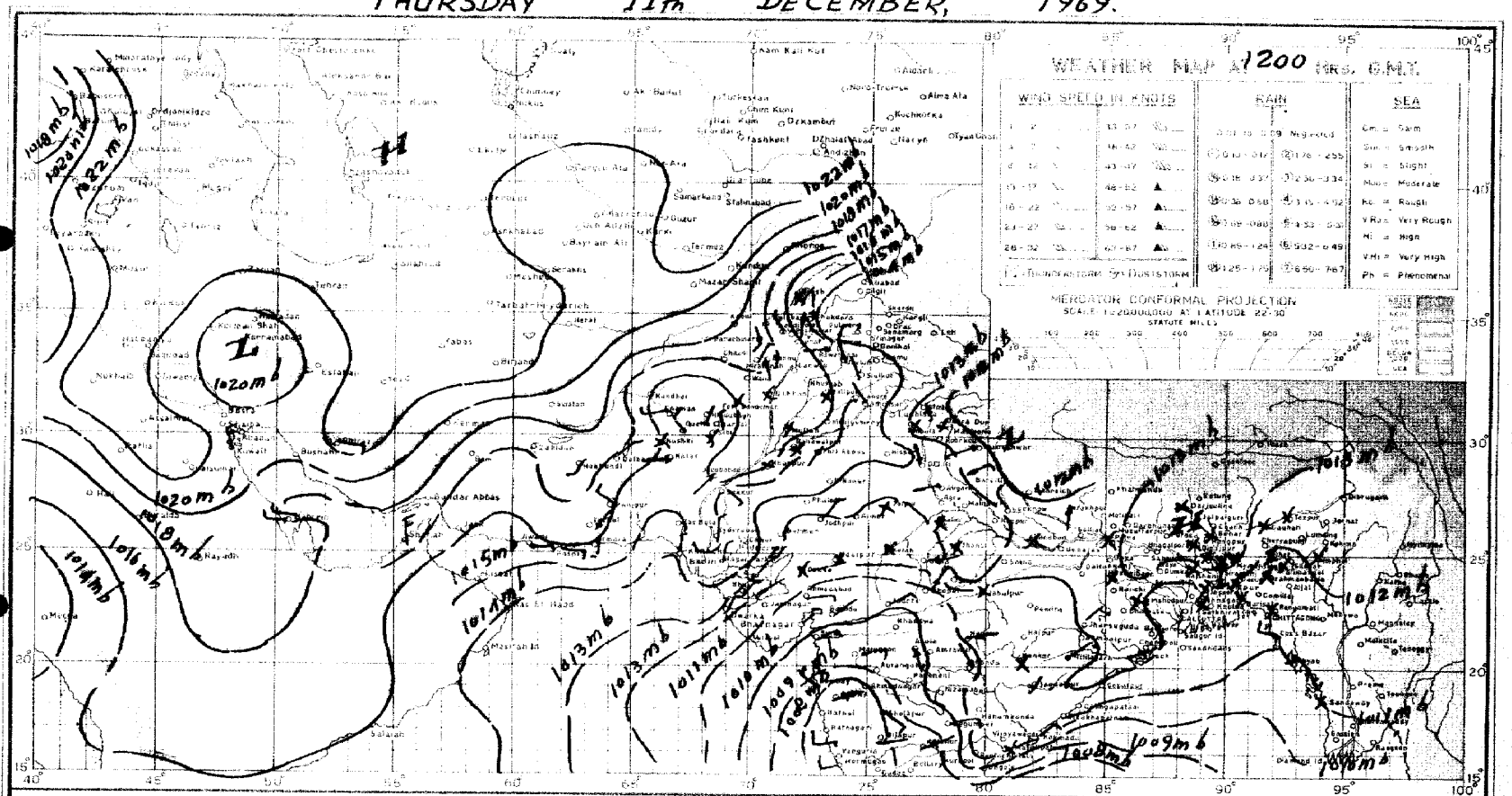
† The actual time of observations may vary within half an hour of the specified time.

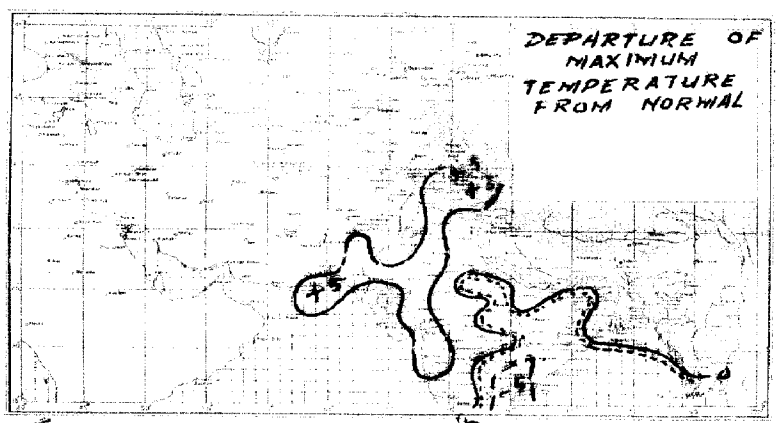
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

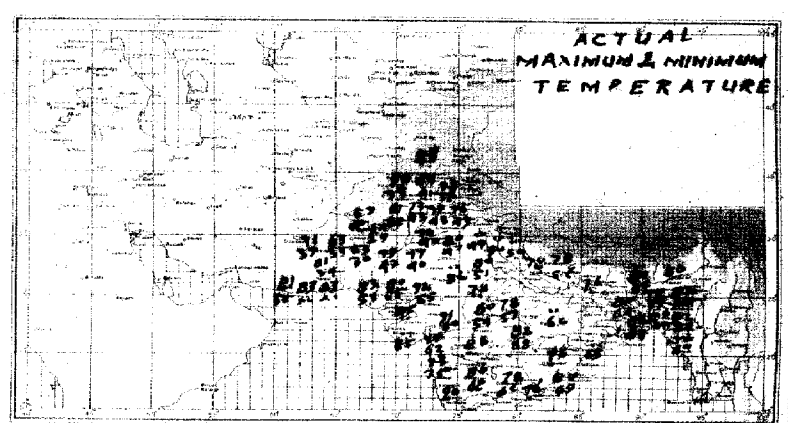
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 11th DECEMBER, 1969.





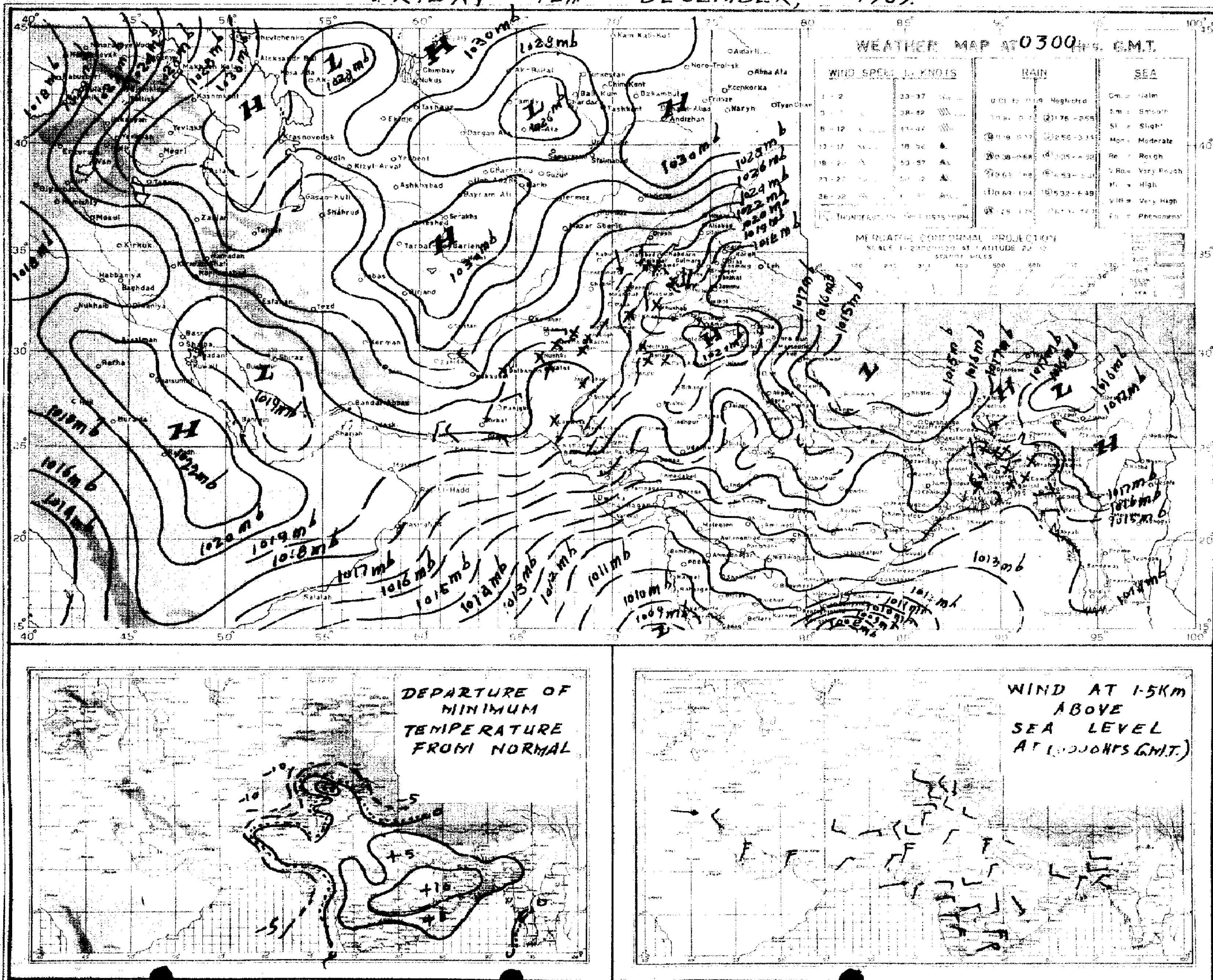


REG. No. 1024 RWXD 61-5,000/68-5,000/67

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

FRIDAY 12th DECEMBER, 1969.



REG. No. 024 RWXD'61-5000'65-Rev.'67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 13th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's trough of low pressure extends over east Pakistan. Dry continental air prevails over west Pakistan. Weather remained dry over the country.

Night temperatures were 9—11 °F (5—6 °C) above normal in Khulna and Rajshahi divisions and 3—8 °F (2—4 °C) so in Chittagong, Dacca, Lahore and Rawalpindi divisions and were 3—8 °F (2—4 °C) below normal in Multan, Quetta, Kalat and Hyderabad divisions.

Forecast valid until the evening of 14th December 1969 :—Scattered thunderstorm/showers are likely to occur in Chittagong, Dacca and Khulna divisions. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 13th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature* (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *F (TdTd)	Maximum temperature *F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *F (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	3	36	02	95	01	0	135	73	3	3	6	0	0	68	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	49
	Cox's Bazar	000	0	0	27	05	//	02	0	128	76	0	0	9	0	0	64	82	000	0	3	09	05	97	01	1	143	75	7	0	9	3	1	64	74	+ 2	+ 5	0.7	— 3.2	92.0	03
	Chittagong	000	0	6	00	00	//	03	2	130	76	6	0	9	3	0	67	85	000	0	7	05	02	96	02	2	150	73	7	0	9	3	0	68	65	+ 6	+ 7	1.2	— 1.4	105.7	13
	Maijdee Court	000	9	0	00	00	//	00	0	125	76	0	0	9	0	0	58	78	000	9	7	00	00	96	03	2	143	65	2	1	5	2	1	60	60	0	+ 2	0.4	— 1.4	128.6	94
	Comilla	000	0	0	00	00	56	02	0	130	76	0	0	9	0	0	76	80	000	0	3	00	00	96	02	0	146	69	3	4	7	0	0	65	62	+ 2	+ 7	0.5	— 1.1	104.2	78
	Brahmanbaria	000	0	6	27	00	//	03	1	132	76	6	5	5	0	0	67	80	000	0	4	05	02	97	03	1	153	73	4	0	9	4	0	68	65	—	—	1.3	— 0.1	55.1	—
	Sylhet	000	0	6	00	00	//	03	2	126	72	2	5	5	3	0	64	78	000	0	8	05	05	96	02	2	157	69	3	5	4	4	1	62	64	+ 3	—	1.5	—	149.7	—
Dacca	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	...	...	...	98
	Mymensingh	000	0	7	00	00	//	02	2	127	72	7	4	4	0	0	60	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	...	...	...	91
	Narayanganj	000	0	8	00	00	//	03	2	134	76	8	6	4	0	0	64	82	000	0	8	00	00	97	02	2	155	73	8	6	4	0	0	65	65	+ 3	+ 8	1.3	— 0.3	82.1	74
	Dacca (Tejgaon)	000	0	8	27	02	96	02	2	131	73	8	0	9	7	0	64	80	000	0	7	00	00	96	02	2	152	69	7	0	9	7	0	65	64	—	—	1.3	—	66.0	—
	Faridpur	000	0	8	00	00	93	02	2	128	73	6	5	5	1	0	68	78	000	0	8	02	02	97	02	2	148	73	6	4	5	1	0	65	64	+ 2	+ 9	1.6	— 0.5	58.5	71
Khulna	Barisal	000	0	7	00	00	//	02	2	134	73	2	4	4	5	0	68	78	000	0	6	09	02	96	02	0	152	73	2	4	5	3	8	65	64	0	+ 8	1.0	— 0.8	65.2	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	00	97	00	0	150	73	0	0	9	0	0	73	72	—	+ 7	0.4	+ 0.1	///	68
	Sarkhira	000	0	8	36	01	95	03	1	140	72	8	4	7	1	2	64	80	000	0	7	00	00	97	03	0	158	73	7	4	7	1	0	64	64	0	+ 14	0.2	— 1.7	61.7	65
	Jessore	000	0	7	34	03	97	02	2	139	73	7	0	9	7	0	64	77	000	0	7	33	04	96	05	4	154	65	0	0	9	4	0	64	64	— 2	+ 9	1.1	—	61.5	65
Rajshahi	Pabna	000	0	9	00	00	//	03	2	139	72	/	/	/	/	/	72	77	000	0	7	00	00	96	01	2	159	69	7	0	9	2	0	65	65	—	—	1.0	—	66.3	59
	Sirajganj	000	0	8	00	00	//	02	2	145	72	8	0	7	8	0	67	76	000	0	8	00	00	97	02	2	155	68	8	0	7	1	0	64	60	— 2	+ 5	0.4	— 0.4	56.6	64
	Rajshahi	000	0	7	31	02	94	03	1	147	72	3	5	5	7	0	67	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	...	...	...	—
	Bogra	000	0	7	00	00	//	03	2	134	72	3	5	4	7	0	67	77	000	0	7	27	02	94	02	2	153	68	2	5	5	7	0	64	65	+ 5	+ 10	1.3	+ 0.4	59.6	69
	Dinajpur	000	9	7	00	00	//	00	2	133	73	7	0	9	4	/	63	76	000	0	6	00	00	96	01	1	163	66	6	0	9	2	1	64	62	—	+ 11	0.8	+ 0.3	96.5	73
	Rangpur	000	0	0	00	00	96	03	1	113	63	6	0	9	7	0	58	77	000	5	7	00	00	96	03	4	168	60	7	0	9	2	0	56	54	+ 1	+ 2	1.5	+ 1.0	87.5	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Ialt Rd.)	000	0	1	00	00	96	02	0	150	70	9	6	9	0	1	47	73	000	0	0	00	00	94	10	0	191	45	0	0	9	0	0	40	43	0	+ 3	0.0	— 0.2	18.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Rawalpindi	Jhelum	000	0	1	31	02	91	01	0	146	70	0	0	9	0	1	40	78	000	0	3	00	00	96	03	0	191	43	0	0	9	0	1	38	40	—	—	0.0	— 0.3	31.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Rawalpindi	000	0	0	00	00	99	00	0	111	63	0	0	9	0	0	40	72	000	0	1	00	00	97	00	0	208	38	0	0	9	0	0	33	39	+ 4	+ 1	0.2	— 0.4	33.6	34
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargodha	Khushab	000	0	0	00	//	98	00	0	144	76	0	0	9	0	0	64	80	000	0	3	00	11	96	01	0	155	47	0	0	9	0	3	48	40	+ 7	— 2	0.0	— 0.2	7.8	18
	Sargodha	000	0	1	00	00	97	01	0	152	70	0	0	9	0	1	51	78	000	0	3	00	00	96	04	0	153	38	2	0	9	3	1	38	34	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	00	00	91	00	0	147	70	0	0	9	0	0	59	77	000	0	0	29	02	95	00	0	178	43	0	0	9	0	0	38	40	+ 7	— 1	0.0	— 0.1	7.7	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
	Multan	000	0	0	00	00	97	02	0	159	77	0	0	9	0	0	34	78	000	0	0	00	00	96	04	0	197	43	0	0	9	0	0	38	40	+ 4	— 3	0.0	— 0.1	11.3	7
	Leiah	000	0	8	36	00	94	03	0	150	78	0	0	9	0	0	73	86	000	0	3	36	01	99	02	3	209	45	0	0	9	0	3	38	38	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	///	73	0	0	9	0	0	45	80	000	0	0	00	00	96	02	0	187	16	0	0	9	0	0	23	27	+ 4	— 14	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	155	73	0	0	9	0	0	45	82	000	0	0	00	00	96	00	0	195	57	0	0	9	0	0	22	20	+ 3	— 23	—	—	—	6
	Fort Abbas	///	/	0	23	02	98	00	0	144	80	0	0	9	0	0	73	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
Peshawar	Chakdara	000	0	0	23	07	98	02	0	140	64	0	0	9	0	0	40	64	000	0	0	05	07	98	02	0	210	38	0	0	9	0	0	29	36	—	—	—	—	—	—
	Peshawar	000	0	0	00	00	97	01	0	157	67	0	0	9	0	0	43	76	000	0	0	18	02	98	02	0	206	45	0	0	9	0	0	27	43	+ 9	+ 2	0.5	+ 0.1	14.8	11
	Kohat	000	0	0	31	02	98	00	0	616	68	0	0	9	0	0	41	75	000	0	0	05	02	98	00	0	205	51	0	0	9	0	0	27	20	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	152	70	0	0	9	0	0	45	76	000	0	0	31	02	99	00	0	166	50	0	0	9	0	0	27	45	—	—	8.5	—	4.3	11
	D. I. Khan	000	0	0	00	00	97	02	0	182	72	0	0	9	0	0	56	73	000	0	2	00	00	97	02	0	197	45	2	0	9	3	0	32	41	0	0	—	—	—	9
Quetta	Sibi	000	0	0	00	00	//	02	0	156	78	0	0	9	0	0	40	82	000	0	0	00	00	97	02	0	203	40	0	0	9	0	0	//	38	—	+ 2	0.0	—	0.2	5
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	34	03	97	02	0	242	43	6	0	9	0	0	29	40	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	31	00	96	00	0	173	84	0	0	9	0	0	46	86	000	0	0	13	02	96	00	0	041	57	0	0	0	0	0	30	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	0	31	07	96	02	0	164	77	0	0	9	0	0	58	80	000	0	0	00	00	96	02	0	184	63	0	0	9	0	0	21	57	—	—	0.0	—	2.0	8
	Pasni	000	0	0	00	06	97	02	0	166	80	0	0	0	0	0	54	84	000	0	0	31	06	97	02	0	180	59	0	0	0	0	0	38	21	+ 7	—	0.0	— 0.5	0.2	6
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	180	55	0	0	9	0	0	//	//	—	—	—	—	—	6
	Lasbela	000	0	0	00	00	98	00	0	149	85	0	0	9	0	0	61	88	000	0	0	00	00	98	00	0	177	47	0	0	8	1	0	40	35	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	05	05	96	02	0	150	80	0	0	9	0	0	52	82	000	0	0	05	02	96	02	0	180	51	0	0	9	0	0	38	49	—	—	0.0	—	///	8
	Karachi (Airport)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	//	...	...	...	...	...	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	160	87	0	0	0	0	0	//	//	000	0	0	05	02	97	02	0	173	70	0	0	0	0	5	33	//	—	—	—	—	0.1	—
	Chhor	000	0	0	36	07	96	02	0	147	78	0	0	9	0	0	22	81	000	0	0	05	03	96	02	0	176	53	0	0	9	0	0	33	46	/	—	—	—	0.3	7
	Hyderabad	000	0	0	31	03	97	02	0	152	75	0	0	9	0	0	46	79	000	0	0	36	05	97	02	0	185	55	0	0	9	0	0	35	54	—	—	0.0	— 0.1	0.3	9
	Badin	000	0	0	36	08	97	02	0	149	78	0	0	9	0	0	29	79	000	0	0	00	00	96	02	0	160	47	0	0	9	0	0	38	46	0	+ 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	36	02	97	02	0	158	75	0	0	9	0	0	40	77	000	0	0	00	00	96	02	0	187	41	0	0	9	0	0	37	40	—	2	—	—	—	—
	Nawabshah	000	0	0	05	02	96	02	0	164	75	0	0	9	0	0	47	80	000	0	0	00	00	96	02	0	193	43	0	0	9	0	0	37	41	—	—	0.0	—	0.8	—
	Sukkur	000	0	0	13	02	96	02	0	149	74	0	0	9	0	0	43	79	000	0	0	05	02	94	05	4	183	54	0	0	9	0	0	43	50	—	—	0.0	—	0.2	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Jacobabad	000	0	0	31	02	96	02	0	163	76	0	0	9	0	0	31	77	000	0	0	00	00	97	02	0	188	51	0	0	9	0	0	31	46	+ 2	—	0.1	0.0	2.8	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	HILL STATIONS																																								26
Kashmir	Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Gulmarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
	Sonamarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	Dras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Leh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Rawalpindi	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	31	07	98	01	1	534	45	0	0	9	5	0	//	40		+ 5	1.0	— 0.3	41.0	19
Peshawar	Drosh	000	0	0	31	10	98	00	0	530	54	0	0	9	0	0	22	58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
	Chitral	000	0	0	18	01	98	05	0	518	56	0	0	9	0	0	50	//	000	0	1	00	00	98	03	0	529	7	0	0	9	0	1	30	41	+ 3	—	1.0	—	34.0	—
	Kakul	000	0	0	31	05	98	02	0	628	56	0	0	9	0	0	51	64	000	0	0	31	05	98	02	0	640	40	0	0	9	0	0	38	31	—	—	0.7	—	13.6	—
	Landikotal	000	0	0	20	03	98	02	0	523	59	0	0	9	0	0	47	64	000	0	0	00	00	98	03	0	548	35	0	0	9	0	0	//	30	+ 9	+ 2	0.6	—	22.2	29
	Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	544	72	0	0	9	0	0	70	72	000	0	0	05	05	99	00	0	551	47	0	0	9	0	0	23	41	—	—	0.0	— 0.3	2.0	11
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	525	41	0	0	9	0	0	18	38	—	—	—	—	—	11
Quetta	Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	97	02	0	529	32	0	0	9	0	0	//	29	—	—	0.0	— 0.3	6.5	—
	Hinguboagh	000	0	6	27	03	//	03	0	519	60	6	2	5	0	0	33	61	000	0	0	00	00	97	02	0	579	33	0	0	9	0	0	//	23	—	—	0.0	—	0.2	9
	Loralai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Barkhan	000	0	0	23	02	97	02	0	480	//	0	0	9	0	0	34	71	000	0	0	31	02	97	02	0	495	55	0	0	9	0	0	19	46	—	—	0.0	—	1.0	14
	Sibi	000	0	0	00	00	96	02	0	513	60	0	0	9	0	0	40	72	000	0	0	00	00	97	02	0	///	45	0	0	9	0	0	//	//	—	—	0.0	— 0.4	5.6	7
	Samungli (Quetta)	000	0	0	00	00	96	02	0	546	50	0	0	9	0	0	//	51	000	0	0	00	00	96	02	0	555	30	0	0	9	0	0	//	29	—	—	—	—	—	8
	Chaman	000	0	0	27	03	97	00	0	544	56	0	0	9	0	0	23	59	000	0	0	09	03	97	00	0	538	42	0	0	9	0	0	22	42	+ 2	+ 5	0.0	— 1.0	4.7	—
	Nushki	000	0	0	31	02	97	02	0	591	57	0	0	9	0	0	23	60	000	0	0	00	00	97	02	0	589	47	0	0	9	0	0	//	40	—	—	0.0	—	2.6	4
	Dalbandin	000	0	0	05	03	98	02	0	494	61	0	0	9	0	0	//	63	000	0	0	00	00	98	07	0	522	31	0	0	9	0	0	20	27	—	— 10	0.0	— 0.2	0.5	7
Kalat	Kalat	000	0	0	18	02	96	00	2	505	54	3	0	9	6	1	38	65	000	0	0	18	00	96	00	2	525	30	0	0	9	0	0	//	23	+ 10	—	0.0	— 0.5	2.2	—
	Khuzdar	000	0	0	27	02	97	02	0	513	68	0	0	5	8	0	//	31	000	0	0	00	00	96	02	0	517	39	0	0	9	0	0	//	38	—	—	0.3	—	3.5	—
	Panjgur	000	0	0	36	07	96	02	0	534	63	0	0	9	0	0	29	68	000	0	0	05	02	96	02	0	519	36	0	0	9	0	0	17	35	+ 3	— 6	0.0	—	0.3	—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 13th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RRt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Ohramazd	99 1 54	10 7 09	12 0 60	00 5 05	99 0 00	10 0 28	...		74 / //					
Naeco	99 2 29	10 6	12 0 63	00 4 11	98 0 20	19 3 25	00 9 00		73 4 14		0 / / 12	12 5 00	30 3 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	011 162 11	...	155 094 61	085 033 71	974 083 28	737 193 26	953 317 //	225 547 //	...	...	...	...	...
Dacca ...	00 00	013 210 20	...	500 152 59	126 045 59	580 083 58	749 195 60	957 339 56	234 551 11	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 120 30	...	500 100 50	/// /// //	547 463 //	728 325 //	923 511 //	183 581 //	...	...	...	...	...
Multan ...	00 00	030 /// //	...	580 090 56	101 031 25	688 183 //	733 265 //	021 309 37	...	...	...	...	...	...
Peshawar ...	00 00	976 000 00	...	495 070 58	056 025 62	565 181 //	725 407 //	929 421 //	198 507 //	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...		...		...	...	...	...	...
Sargodha ...	00 00	994 124 58	...	500 100 55	078 051 51	564 215 //	726 281 //	927 395 //	197 505 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 110 62	800 074 63	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 09	900 180 61	800 110 62	600 031 11	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	355 05	355 04	355 04	045 03	270 02	290 08	...	...	...
Bogra ...	265 06	275 03	300 04	270 10	270 19	...	...	...	...
Chaklala ...		...	...	...	...		...	...	...
Chhor ...	025 12	030 12	040 15	015 12	030 08	345 17	330 22	280 16	285 24
Chittagong ...	2.0 07	250 03	045 04	020 07	345 75	255 08	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	275 08	275 08	260 06	265 08	260 10	...	...	...	...
Dacca ...	315 06	315 05	325 05	300 07	270 09	275 13	...	...	...
Dalbandin ...		...	080 06	035 06	340 17	305 16	325 33	285 41	285 48
D. I. Khan ...	310 04	315 05	305 05	295 05	265 08	280 07	275 12	270 21	280 23
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	290 01	305 05	285 12	275 27	290 33	300 31
Gilgit ...	...	...	...	290 01	009 05	110 01	125 15	...	251 3/
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	275 04	350 05	360 03	290 04	300 06	330 12	328 25	310 29	290 55
Jessore ...	315 11	315 08	315 08	265 04	285 03	315 09	...	...	...
Jhelum ...	280 01	320 09	325 07	105 03	140 04	160 02	295 02	270 13	285 17
Jiwani ...	125 08	055 07	040 08	045 14	025 09	360 10	025 09	325 25	310 11
Karachi ...	040 06	010 08	035 09	005 09	035 11	015 09	350 09	330 17	320 29
Khanpur ...	255 05	280 04	280 00	040 04	015 06	020 09	340 19	335 26	320 02
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	330 05	340 08	320 09	340 10	195 06	340 11	340 03	270 10	270 11
Multan ...	075 04	065 03	055 02	005 06	025 06	330 13	330 22	345 39	325 46
Nawab Shah ...	035 06	035 05	040 00	035 16	015 08	345 11	130 34	310 28	295 30
Nokkundi ...	...		295 05	310 05	320 12	320 17	320 19	302 27	340 25
Panjgur ...	...		...	005 12	010 13	360 11	315 12	320 20	335 24
Peshawar ...	...	310 03	325 08	340 03	300 07	230 01	255 14	280 31	275 30
Parachinar ...	...	...	...	095 06	160 04	280 38	255 17		275 35
Quetta ...	...			...	340 05	315 07	300 14	290 16	285 20
Sargodha ...	310 04	305 04	320 05	355 10	350 05	310 10	305 11	310 19	290 23
Skardu ...	...			320 02	/// //	...	300 22	...	...
Sylhet ...	275 02	270 03	270 04	...	275 05	...	...	...	...
Veraval ...	...	...		...	...	...	...	...	...

At 0000 hrs. G.M.T.† of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	050 03	065 07	015 02	310 02	320 06	220 06
Bogra ...	010 06	015 03	25 03	255 10	280 13	...
Chaklala ...	...	000 4	0.5 06	305 12	205 06	200 04
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	050 08	060 06	/// //	090 03	155 04	155 09
Dacca ...	040 07	040 02	040 04	2/ / 08	290 10	270 27
Dalbandin ...	...	...	080 04	075 09	065 12	035 31
D. I. Khan ...	305 06	305 07	235 07	035 07	065 07	080 13
Drosh ...	025 04	020 13	360 15	000 01	...	045 10
Fort Sandeman ...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...					
Jacobabad ...	320 04	305 06	200 05	250 02	190 03	315 10
Jessore ...	015 10	035 07	155 06	330 06	265 07	290 17
Jhelum ...	320 07	070 03	/// //	135 11	160 04	260 03
Jiwani ...	/35 12	015 10	025 10	065 12	045 14	360 13
Karachi ...	...			...	...	
Khanpur ...	345 08	350 12	360 11	300 15	313 12	275 15
Khuzdar ...				280 05	280 04	310 14
Lahore ...	310 07	320 07	320 08	280 04	195 06	0.0 03
Multan ...	235 06	210 02	180 03	355 06	320 04	257 21
Nawab Shah ...	030 10	035 09	040 07	085 07	025 05	325 05
Nokkundi ...	..	...	130 06	150 05	175 09	250 14
Panjgur ...	...			010 08	005 11	345 13
Peshawar ...	...	220 06	310 05	325 05	360 08	3.0 09
Parachinar ...	...	...	...	...	...	...
Quetta ...	No	Ascent	...	...		
Sargodha ...	320 05	320 05	345 07	355 10	285 05	250 09
Skardu ...						
Sylhet ...	090 08	085 03	100 03	215 08	250 05	235 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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	/00 05	160 03	325 05	340 10	320 05	330 12	135 01	234 07	230 57	...	..
Bogra ...	325 09	320 05	265 06	180 10	320 12			...		..	
Chaklala ...	...	215 01	075 02	140 06	130 04	235 05	275 18	270 22	275 18	...	...
Chhor ...	005 11	065 08	070 06	070 03	110 02	330 10	335 25	335 15	295 14	...	..
Chittagong ...	025 07	015 04	015 02	140 03	/11 03	360 07	155 15	280 28	225 38	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	175 04	155 30	145 04	075 05	100 04	350 11	...	...	...	...	...
Dacca ...	320 02	310 02	260 05	270 08	205 12	275 19	340 3/	...	...	...	...
Dalbandin ...	...	...	070 07	040 12	350 13	345 18	330 31	315 28	315 08	.	...
D. I. Khan ...	310 15	310 13	315 06	315 03	340 06	280 03	265 14	270 19	270 14		..
Drosh ...	...	...	..	015 02	040 07	005 21	175 06	170 11	230 09	255 33	275 33
Fort Sandeman ...	..	...	...	225 06	235 11	320 22	285 3	275 31	285 33	...	...
Gilgit ...						...	...	...	...	...	...
Ishurdi ...	340 06	020 01	225 02	335 03	290 13	...					
Jacobabad ...	315 06	255 46	270 04	155 04	103 09	230 09	260 17	300 17	300 23	..	..
Jessore ...	045 06	050 07	040 06	335 10	...		...	...	...	...	...
Jhelum ...	315 05	325 08	030 03	125 06	150 07	175 06	265 18	270 19	270 23	..	.
Jiwani ...	045 19	050 15	050 11	035 16	045 16	360 17	260 18	345 12	252 71	..	...
Karachi ...	970 09	025 07	/45 08	025 01	345 06	335 08	325 18	315 18	280 17	...	...
Khanpur ...	145 15	150 16	195 10	115 06	045 06	090 09	235 13	240 38	270 40	...	..
Khuzdar ...				320 01	070 06	315 13	355 23	305 26	315 25		..
Lahore ...	345 03	325 06	305 06	310 06	290 03	190 01	250 08	270 13	275 15	...	...
Multan ...	165 06	255 05	210 05	175 08	195 04	009 05	250 14	265 20	265 30	..	..
Nawab Shah ...	085 07	080 07	035 07	035 04	095 05	245 09	315 17	310 22	310 27	...	...
Nokkundi ...	..	..	305 02	005 06	320 16	325 2	315 19	310 23	305 23	...	...
Panjgur ...	..	...	...	005 19	345 27	335 10	330 18	330 29	303 03	...	...
Peshawar ...	...	150 01	260 08	/30 10	360 05	270 02	250 17	265 21	265 22	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	..	..
Quetta ...	...	...	...	...	335 05	295 08	305 19	300 21	305 26	..	...
Sargodha ...	330 04	255 61	335 05	325 24	265 11	250 05	275 19	260 16	270 17	—	...
Skardu ...						...	...	...	...	.	..
Sylhet ...	095 05	085 03	105 03	240 11	265 11	..	..	..	...	..	...
Veraval ...	...	...	...	..	...		..	...	..	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	015 08	015 08	035 10	035 10	355 10	355 08	305 13	355 19	340 23	.	...	..	...	...	...	...	...	..
Multan ...	205 05	205 02	310 02	280 04	280 03	285 08	295 17	255 18	293 19	...	...	...	...	...	..	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression,

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

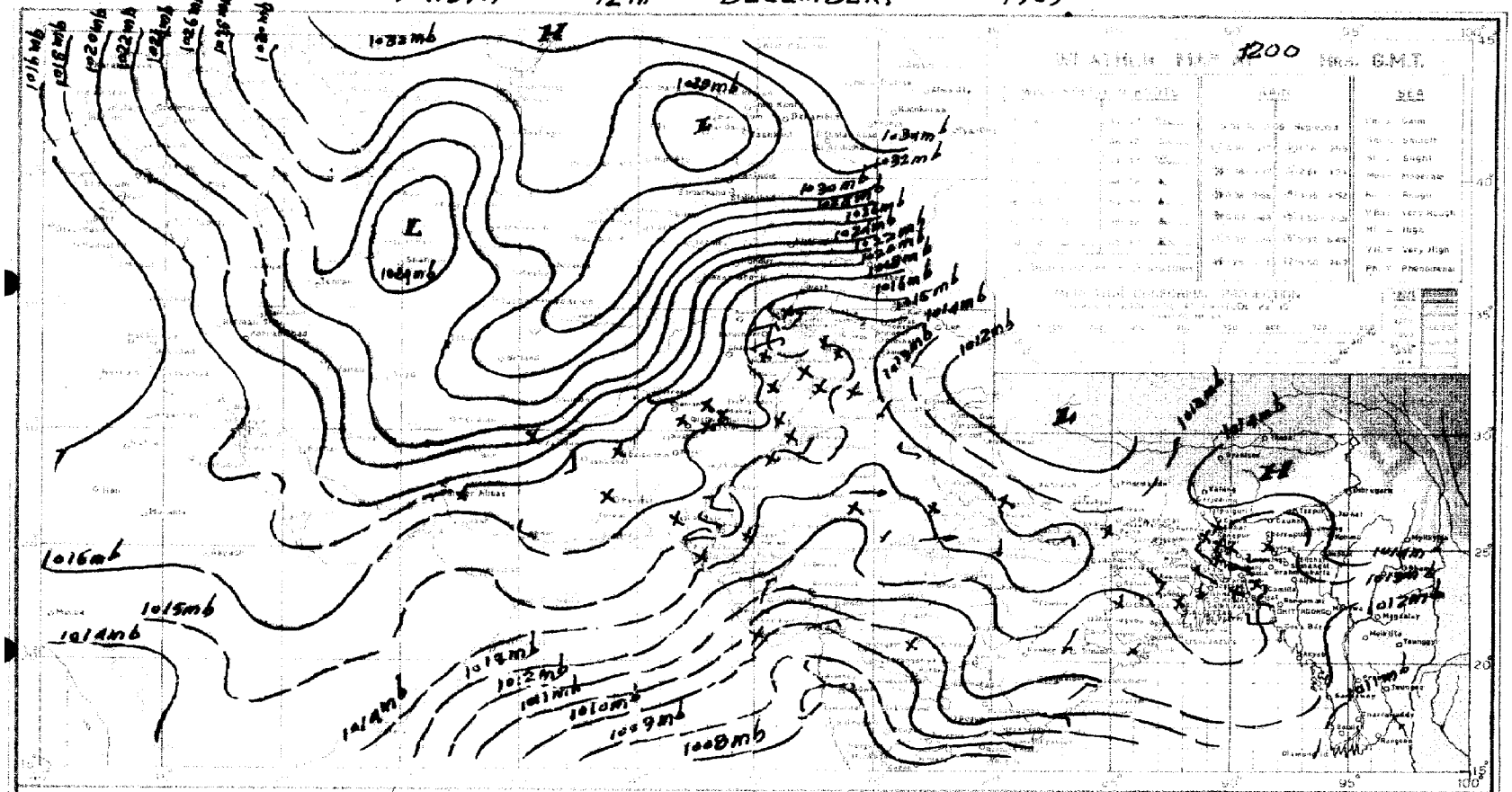
† The actual time of observations may vary within half an hour of the specified time.

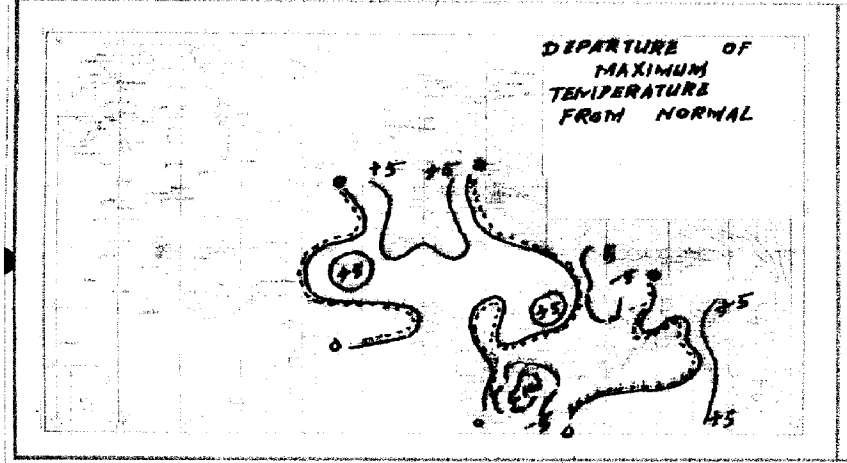
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

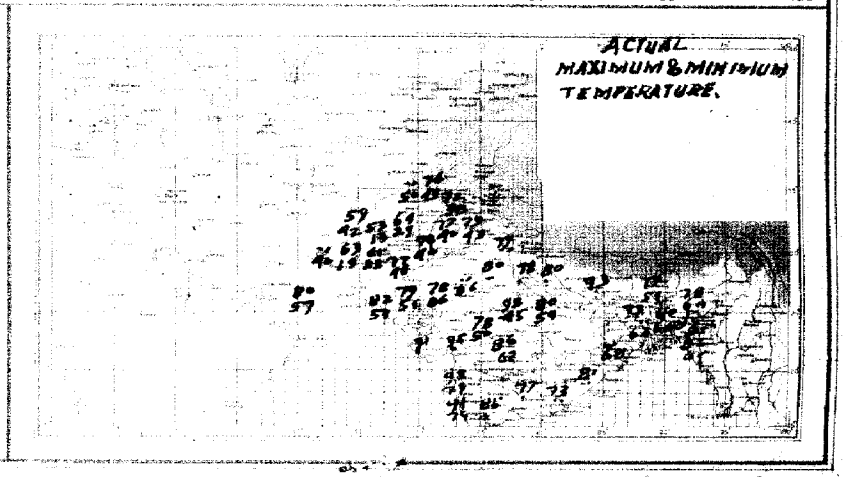
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 12th DECEMBER, 1969.



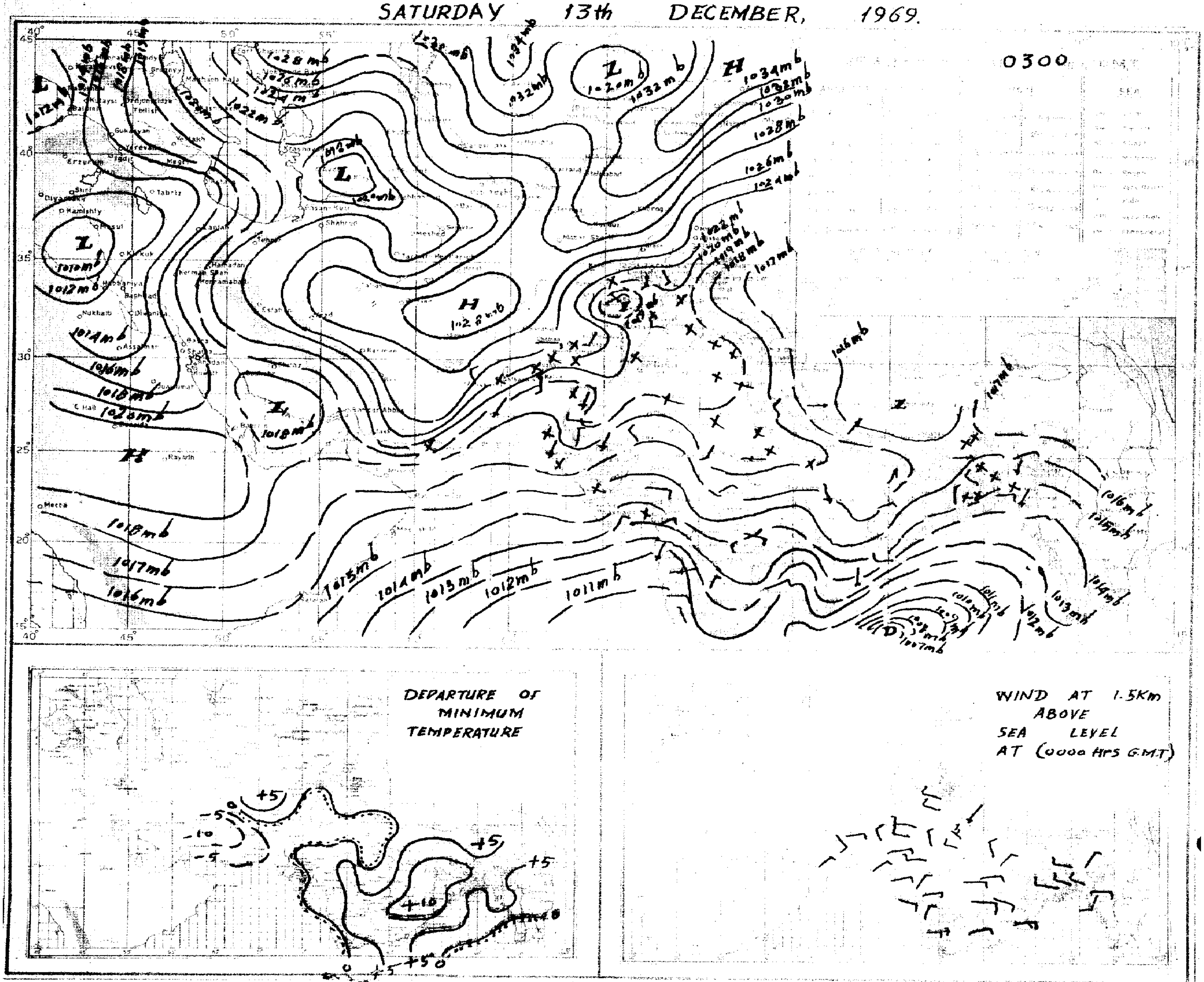




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 13th DECEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 14th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

A western disturbance is moving across north of Peshawar division. It has induced a feeble secondary over D. I. Khan and Quetta division and neighbourhood. The trough of low pressure over east Pakistan persists. A few falls of light rain/drizzle have occurred in Khulna division. Weather remained dry elsewhere over the country.

Night temperatures were 9 – 13 °F (5 – 7 °C) above normal in Khulna and Rajshahi divisions and 3 – 8 °F (2—4 °C) so in Dacca, Rawalpindi and Hyderabad divisions and were 3 – 8 °F (2—4 °C) below normal in Multan, Bahawalpur and Quetta divisions.

Forecast valid until the evening of 15th December 1969 :—Scattered thunderstorm/showers are likely to occur in east Pakistan outside Rajshahi division. A few thunderstorms are also likely to occur in Quetta, Peshawar, Rawalpindi division and Kashmir. Weather is likely to be dry elsewhere over the country.

Karachi-11
The 14th December, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature * TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °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 konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	6	27	02	95	02	3	121	77	5	7	5	7	7	77	82	C00	0	6	27	02	98	01	2	143	72	4	3	5	7	1	72	67	—					—
	Cox's Bazar	000	0	2	27	06	//	03	0	115	78	2	2	5	/	/	64	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					140
	Chittagong	000	0	5	27	03	//	02	2	119	77	6	0	6	3	0	70	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					103
	Maijdee Court	000	9	0	00	00	//	00	0	103	77	0	0	[illegible]	0	0	58	80	C00	0	8	00	00	96	03	2	135	70	3	5	5	2	1	65	65	+ 3	+ 7	0.4	— 1.4	108.5	[illegible]
	Comilla	C00	0	3	00	00	56	02	0	126	76	3	4	7	0	0	77	80	C00	0	6	31	02	56	02	0	143	72	6	4	5	0	0	68	65	+ 2	+ 10	0.5	— 1.1	104.2	54
	Brahmanbaria	000	0	4	00	00	//	03	1	124	76	4	5	5	0	0	67	78	CCC	0	8	03	63	57	03	1	144	77	4	5	5	0	0	65	68	—	—	1.3	— 0.1	55.1	76
	Sylhet	000	0	8	00	00	//	02	2	118	72	2	4	6	2	.	60	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					98
	Srimangal	C00	0	7	00	00	//	//	/	171	60	4	5	5	7	3	69	60	C00	0	7	00	00	56	02	0	135	69	3	5	5	7	2	67	65	— 1	— 4	—	—	—	
Dacca	Mymensingh	000	0	5	C0	00	//	01	2	117	72	5	4	4	0	0	64	76	C10	0	7	C0	00	97	02	2	157	69	7	4	4	0	0	64	64	—	— 9	0.3	— 0.6	77.5	91
	Narayanganj	C00	0	8	31	02	//	03	2	124	73	1	2	4	7	3	66	78	000	0	8	31	02	57	02	2	148	73	6	6	3	/	/	68	65	— 1	+ 8	1.3	+ 0.3	82.1	74
	Dacca (Tezgaon)	CC0	0	8	36	05	96	02	2	121	73	8	0	9	7	1	67	78	C00	0	7	31	02	96	05	2	146	69	7	0	9	5	0	64	65	—	—	1.3	—	66.0	—
	Faridpur	CC0	0	8	36	02	93	00	0	124	72	7	5	5	1	0	67	77	000	0	8	34	02	57	02	2	136	73	6	4	5	1	0	65	65	+ 1	0	1.6	+ 0.4	58.5	71
Khulna	Barisal	000	0	8	C0	C0	//	02	2	125	73	5	4	4	5	0	67	80	000	0	7	09	02	91	02	5	146	70	4	4	5	0	0	65	65	+ 2	/	1.0	— 0.8	65.2	81
	Khulna	CC0	0	0	00	C0	97	00	0	101	76	2	2	4	0	0	70	60	CC0	0	4	C0	C0	57	02	2	144	73	2	2	4	0	0	68	68	+ 2	+ 13	1.4	— 0.7	74.5	68
	Satkhira	CC0	0	8	C0	C0	95	03	1	126	64	8	3	6	1	0	64	77	C00	0	8	00	C0	97	03	0	153	69	8	4	6	0	0	65	64	— 8	+ 11	0.2	— 1.6	61.7	65
	Jessore	C00	7	8	31	07	56	02	6	126	73	3	5	4	2	1	64	78	C07	6	7	18	04	96	10	6	152	68	7	0	9	2	1	70	64	— 1	+ 9	1.1	— 0.1	62.5	65
Rajshahi	Pabna	C00	0	9	C0	00	//	C1	2	119	72	/	/	/	/	/	72	76	000	0	7	31	02	96	03	2	150	73	7	0	5	5	0	69	65	—	—	1.0	—	66.3	59
	Sirajganj	C00	0	8	C0	C0	//	02	2	138	73	8	0	7	6	0	67	76	000	(	8	00	00	97	02	7	148	68	8	0	7	1	0	64	64	— 2	+ 9	0.4	— 0.4	56.5	64
	Rajshahi	0C0	0	3	31	02	54	01	1	135	70	0	0	9	2	0	64	73	000	0	5	31	03	96	03	1	155	69	0	0	9	7	1	67	64	— 4	+ 10	3.0	+ 3.4	59.6	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	31	02	96	02	2	149	65	4	5	3	4	3	62	64		+ 9	1.3	+ 0.4	70.3	69
	Dinajpur	000	9	0	00	00	//	01	1	131	72	6	0	9	2	/	64	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					72
	Rangpur	000	0	7	00	00	96	03	2	111	63	7	0	9	2	0	58	76	C00	0	0	00	00	96	07	0	149	65	0	0	9	0	0	60	54	0	+ 2	1.5	+ 1.0	87.5	84
Kashmir	Jammu	000	0	0	31	02	96	C2	0	149	68	0	0	9	0	0	45	73	000	0	0	00	00	95	02	0	175	47	0	0	9	0	0	38	43	0	0	0.0	— 0.2	18.0	—
Lahore	Lahore (Rail Rd.)	000	0	1	37	02	96	02	0	143	72	0	0	9	0	1	36	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					19
	Sialkot																																								32
Rawalpindi	Jhelum																																								—
	Islamabad																																								—
	Rawalpindi	CC0	0	2	27	01	99	00	0	159	64	0	0	9	6	0	32	72	000	0	0	00	00	97	00	0	187	40	0	0	9	0	0	35	//	+ 4	/	0.2	— 0.5	33.6	36
	Campbellpur																																								—
Sargodha	Khushab	CC0	0	0	00	00	97	01	0	145	73	0	0	9	0	0	68	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					15
	Sargodha	CC0	0	0	27	02	97	02	0	150	72	0	0	9	0	1	40	78	000	0	0	27	03	96	C4	0	174	48	C	0	5	0	0	38	40	—	—	0.1	—	20.7	—
	Lyallpur	000	0	0	70	02	56	00	0	14[illegible]	70	0	0	9	0	0	47	73	0C0	0	0	00	00	95	00	0	168	47	0	0	9	0	0	35	40	+ 3	— 1	0.0	— 0.2	7.6	12
Multan	Sahiwal	0C0	0	0	00	00	97	02	0	160	73	0	0	9	0	0	41	75	000	0	0	C0	00	96	04	0	168	43	0	0	9	0	0	38	38	+ 6	— 5	0.0	— 0.2	11.3	10
	Multan	000	0	5	36	00	94	01	1	184	77	C	0	5	0	5	59	77	C00	0	1	36	00	//	//	/	223	40	0	0	9	0	1	35	38	—	—	0.0	—	2.7	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	00	C0	97	02	0	157	72	0	C	9	0	0	43	80	000	0	0	00	00	95	1C	0	185	41	C	0	9	0	0	39	35	+ 4	— 9	0.3	+ 0.1	1.4	6
	Bahawalpur	000	0	0	00	C0	56	00	0	17[illegible]	72	C	0	9	0	0	4	78	CC0	0	0	00	C0	96	C0	0	166	51	0	0	9	0	0	47	41	— 1	— 2	0.0	— 0.1	2.0	6
	Fort Abbas	///	/	L	85	02	98	C0	0	14[illegible]	76	0	0	9	0	0	67	75	///	/	0	23	02	58	C0	0	124	75	0	0	9	0	0	45	58	—	—	0.0	—	0.8	8
Peshawar	Chakdra	000	0	0	36	02	58	02	0	///	63	0	0	9	0	0	40	64	CC0	0	0	C0	C0	97	02	0	185	41	0	0	9	0	0	33	35	+ 6	— 2	0.5	— 0.0	14.8	—
	Peshawar	C00	C	C	00	C0	57	02	0	165	67	0	0	5	0	0	43	73	C00	0	C	18	03	58	00	0	220	50	!	0	9	0	0	20	41	—	—	1.0	—	24.0	11
	Haripur	C0C	0	0	23	02	58	C0	0	178	67	0	0	5	0	0	36	72																							—
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	156	72	0	0	9	0	0	31	76	C00	0	0	31	02	59	00	C	174	40	0	0	9	0	0	22	//	—	/	0.5	—	///	11
	D. I. Khan	000	0	0	00	C0	57	02	0	160	73	0	0	9	0	(	51	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					9
Quetta	Sibi	C00	0	0	00	00	97	02	0	162	82	0	0	9	0	0	52	81	C00	0	0	00	00	97	02	0	193	50	0	0	9	0	0	40	39	—	—	0.0	—	0.2	5
	Nokkundi	0C0	0	0	27	05	57	02	0	160	70	0	0	9	0	0	[illegible]	71	CC8	0	0	31	02	57	//	/	184	46	C	0	9	0	0	17	50	—	—	0.0	—	0.3	3
Kalat	Turbat	CC0	0	C	05	02	96	00	0	606	83	0	0	9	0	0	//	83	0C0	0	0	05	02	56	00	0	025	55	0	0	9	0	0	03	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	0	00	0C	96	02	0	154	81	0	0	9	0	0	3[illegible]	83	000	C	0	C0	00	56	02	0	164	59	0	0	9	0	0	45	57	—	—	0.0	—	2.0	5
	Pasni	000	0	0	05	04	97	02	0	155	77	0	0	0	0	0	66	78	000	0	0	31	06	57	C2	0	173	54	0	0	0	0	0	50	//	+ 1	/	0.0	— 0.6	0.2	6
Karachi division	Ormara	000	0	0	18	03	96	02	0	149	78	0	0	9	0	0	76	80	0CC	0	0	00	C0	56	02	0	174	58	0	0	9	0	0	56	//	—		0.0	— 0.1	0.6	6
	Lasbela	///	/	0	C0	C0	58	00	0	149	83	0	0	8	0	0	37	86	///	0	0	C0	C0	98	L0	0	182	52	0	0	8	0	(	28	37	— 5	—	—	—	0.7	8
	Karachi (Manora)	0C0	0	0	27	05	97	02	0	140	74	0	0	9	9	0	50	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+					8
	Karachi (Airport)	000	0	0	09	05	96	C2	0	142	60	0	0	9	0	0	54	81	000	0	0	C5	02	96	02	0	171	34	0	0	9	0	C	35 52	49	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	0C0	0	0	05	02	97	02	0	C60	87	0	0	0	0	0	86	92	000	(	0	C5	02	57	02	0	073	70	0	0	0	0	(	31	70	—	—	0.0	—	0.1	—
	Chhor	0C0	0	0	05	C5	56	02	0	133	79	0	0	9	0	0	39	82	0C0	0	0	C0	C0	56	C1	0	168	49	0	0	9	0	0	42	44	—	—	0.0	—	0.3	7
	Hyderabad	C00	0	0	36	02	97	C2	0	151	75	0	0	9	0	0	42	79	000	0	0	31	03	97	//	/	176	55	0	C	9	0	0	39	54	0	+ 2	0.0	— 0.1	0.3	9
	Badin	C00	0	D	36	C6	97	02	0	144	78	0	0	9	0	0	43	80	000	0	0	36	07	56	0[illegible]	C	183	48	0	0	9	0	0	39	46	— 1	+ 4	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	31	02	96	02	0	152	73	0	0	9	0	0	19	75	000	0	0	31	03	56	02	0	190	44	0	0	9	0	0	39	41	—	—	0.0	—	0.1	—
	Nawabshah	000	0	0	31	05	56	C2	C	156	75	0	0	9	0	0	47	79	C00	0	0	00	00	54	02	0	185	40	0	0	9	0	0	40	42	—	—	0.0	—	0.2	4
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0C0	2	0	13	03	95	05	4	178	55	0	0	9	0	C		50	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	C00	0	0	27	02	97	02	0	156	75	0	0	5	0	0	36	78	000	0	0	18	02	56	02	0	182	51	0	C	9	0	0	27	46	+ 3	—	0.1	— 0.1	2.8	20
unagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								86
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								39
	Gilgit *																																								18
Rawalpindi	Murree *	C00	0	/	32	33	58	01	1	520	49	3	5	4	0	0	27	54	000	0	0	05	07	58	00	0	520	45	0	0	9	0	0	09	38	+ 6	+ 3	1.0	— 0.4	41.0	29
Peshawar	Drosh *	000	0	0	36	01	58	00	r	514	54	0	0	9	r	0	//	56	000	0	0	36	10	96	C0	0	512	51	0	0	9	0	0	16	47	+ 1	+ 4	0.6	— 0.3	15.0	—
	Cherat *	C00	0	2	13	03	55	C5	1	517	54	2	2	4	0	0	38	63	000	0	C	C0	00	98	02	0	515	9	0	0	9	0	0	20	41	—	—	1.0	—	34.0	—
	Kakul *	0C0	0	0	36	02	58	02	0	628	55	0	0	9	0	0	58	60	C00	0	0	36	02	98	0[illegible]	0	614	//	0	0	9	0	0	45	//	—	/	0.7	—	13.6	39
	Landikotal *	C00	0	0	16	03	58	02	0	528	51	0	8	9	0	0	51	58	000	0	(	34	03	98	03	0	535	40	9	0	9	0	0	09	32	+ 3	0	0.6	—	22.2	12
	Parachinar *	000	0	0	05	05	99	00	0	532	70	0	0	9	0	0	18	72	C00	0	0	05	05	99	C0	0	529	54	0	0	9	0	0	2	47	—	—	0.0	— 0.3	2.0	11
D.I. Khan	Miranshah *	0C0	0	L	00	00	99	00	0	479	60	0	0	9	0	0	36	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana *																																								—
Quetta	Fort Sandeman *	000	0	0	31	02	96	02	0	510	62	0	0	9	0	0	//	63	0CC	0	0	27	02	99	07	0	533	36	0	0	9	0	0	15	31	+ 5	— 3	0.0	— 0.3	6.5	9
	Hindubagh *	000	0	0	20	05	97	02	0	518	57	0	0	9	0	0	17	56	000	0	0	C0	C0	97	02	0	579	33	0	0	9	0	0	10	23	—	—	0.0	—	6.2	—
	Loralai *																																								14
	Barkhan *	000	0	0	00	00	56	02	0	489	67	0	0	9	0	0	39	72	000	0	0	0C	00	96	02	0	486	45	0	0	9	0	0	14	//	—	/	0.0	— 0.5	5.6	9
	Harnai *	000	0	0	00	00	56	02	0	551	52	0	0	9	0	0	19	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Samungli (Quetta) *	000	0	0	31	03	57	00	0	535	55	0	0	9	0	0	25	57	000	0	0	09	03	97	00	0	552	36	0	0	9	0	0	12	3	0	— 5	0.0	— 1.1	5.8	—
	Chaman *	000	0	0	00	00	97	02	0	574	59	0	0	9	0	0	21	59	000	0	0	C0	00	97	02	0	556	51	0	0	9	0	0	17	45	—	—	0.0	—	2.6	4
	Nushki *	000	0	0	05	08	98	02	0	534	60	0	0	9	0	0	//	63	080	0	0	00	00	98	07	0	589	32	0	0	9	0	0	04	30	0	— 7	0.0	— 0.3	0.5	7
	Dalbandin *																																			+ 10					—
Kalat	Kalat *	000	0	C	09	02	96	00	2	571	61	0	0	9	0	0	25	65	C00	0	C	C0	00	96	02	0	500	40	0	n	9	0	0	02	37	—	—	0.3	—	3.5	
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Panjgur *	000	0	0	36	07	96	02	0	52[illegible]	64	C	0	9	0	0	28	69	000	0	C	C5	02	96	02	0	496	39	0	0	9	0	0	13	36	+ 4	— 5	0.0	—	0.2	—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 14th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_{gtg}	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{wt}T$	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Ohramazd	99 2 16	10 6 84	13 0 60	08 5 13	98 0 00	16 0 24	...	...	74 / //					
Cianmacnai	99 1 47	10 5 59	13 0 63	20 3 12	98 0 20	15 5 26	11 5 60	13 3 18	...		0 / 7 19	12 7 36	30 3 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (P₀P₀P₀ ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		hhh TTT$_a$ DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	009 204 17	...	480 140 56	123 064 42	583 071 18	753 193 07	961 325 59	234 545 / /	...	...	...	...	...
Dacca ...	00 00	012 196 02	...	450 114 50	090 094 30	575 113 42	744 191 50	952 211 57	227 523 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 124 57	...	590 140 45	104 040 11	575 075 / /	748 195 / /	955 311 / /	236 435 / /	...	...	...	...	...
Multan ...	00 00	002 044 14	...	580 080 50	077 035 59	562 267 / /	730 355 / /	917 425 / /	...	...	...	...	...	...
Peshawar ...	00 00	974 050 39	...	486 064 59	052 003 56	566 191 / /	731 261 / /	995 359 / /	209 501 / /	...	...	...	...	...
Quetta ...	00 00	827 017 37	...	...	122 009 / /	574 179 / /	745 /// / /		...	...	...	...	...	...
Sargodha ...	00 00	994 114 57	...	470 094 56	068 021 20	576 171 / /	732 241 / /	936 361 / /	212 431 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T$_s$ DD								Max. Wind Speed: PmPmPm dmdm imimim	TROPOPAUSE: $P_tT_tP_tT_tT_tT_{st}$	TROPOPAUSE: dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 184 57	800 116 16	600 010 / /	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 150 23	800 078 50	600 042 26	...	...	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00		800 042 / /	600 059 / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Heights in Kms. a.s.l. →	At 1200 hrs. G.M.T.* † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	325 11	325 09	310 04	345 06	300 06	...	...	...	...	095 10	020 08	050 10	...	050 11	...	360 06	360 02	345 05	315 10	275 03	...	...	...	...	...	...
Bogra ...	290 05	280 06	280 09	285 03	...	...	...	...	...	320 06	275 03	320 04	335 08	285 13	...	340 08	310 10	300 12	255 21	280 27	...	...	...	...	...	...
Chaklala ...	...	275 08	290 55	046 03	070 04	155 03	250 11	...	201 55	...	060 03	005 03	010 06	045 03	340 04	...	205 03	175 02	605 01	025 03	170 02	290 12	300 02	295 03	...	...
Chhor ...	035 11	030 12	035 12	085 06	070 03	240 / /	322 22	325 22	340 22	035 27	045 27	045 24	065 15	315 15	275 17	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	305 05	010 02	055 05	350 09	350 06	110 03	...	...	...	...	...	...	...	...	...	335 09	355 08	355 09	330 09	325 02	040 07	120 11	180 31	240 23	...	...
Chirat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	265 05	263 03	265 03	115 03	110 04	...	...	...	...	010 12	010 09	390 09	355 12	265 07	...	185 09	175 09	175 08	160 04	160 05	140 07	190 12	...	...	...	...
Dacca ...	300 29	300 07	300 09	265 08	275 1/	260 17	...	...	...	335 08	335 08	330 08	...	260 15	...	330 04	340 03	320 02	320 10	280 19	330 25	...	...	...	...	...
Dalbandin ...	...	...	070 / /	065 16	035 16	320 17	310 23	310 25	295 25	...	...	075 03	085 07	065 08	035 17	...	...	075 07	165 08	215 11	250 15	270 19	270 24	275 28	...	...
D. I. Khan ...	275 03	305 02	310 04	340 05	355 08	305 09	210 14	290 21	285 23	045 07	055 07	075 07	155 0	360 05	330 06	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	220 04	305 09	270 12	275 18	275 32	280 39	...	...	...	350 03	310 14	290 11	...	...	...	220 03	215 08	270 14	275 21	260 27	260 35	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	275 04	250 04	230 02	090 04	020 04	265 11	/// //	300 25	315 21	225 05	210 06	140 04	095 02	065 05	275 08	225 03	215 07	210 10	210 11	190 04	014 42	260 09	265 17	275 21	...	...
Jessore ...	345 09	345 06	320 05	320 13	...	...	...	...	...	340 19	360 15	005 13	330 16	295 15	230 18	360 06	010 06	035 07	335 14	295 11	200 13	225 21	...	...	...	...
Jhelum ...	225 02	295 07	305 07	012 04	085 02	185 02	275 05	280 12	295 09	315 12	360 12	345 08	06. 0.	360 04	320 11	275 07	300 11	290 09	280 04	210 02	360 02	315 02	305 01	320 15	...	...
Jiwani ...	280 05	330 03	355 03	025 13	035 09	005 15	045 13	350 20	340 22	315 11	380 06	135 02	235 08	330 05	300 08	320 07	325 04	250 03	230 06	275 09	230 09	250 15	260 16	260 15	...	...
Karachi ...	045 03	035 03	350 03	305 05	005 06	320 00	310 18	295 19	286 24	...	...	...	...	...	...	070 07	070 08	035 06	065 07	140 01	285 03	330 08	305 10	325 39	...	...
Khanpur ...	128 05	140 04	120 05	115 04	150 02	265 05	265 14	290 21	310 28	180 10	175 12	190 11	320 15	240 14	245 12	190 15	185 21	190 21	190 15	240 77	050 09	075 10	310 10	270 36	...	...
Khuzdar ...	...	...	...	225 02	315 04	300 13	320 19	310 24	305 27	...	...	...	270 02	285 06	290 09	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	390 08	305 14	300 13	305 17	310 1/	265 07	270 05	285 07	295 59	345 04	380 07	330 06	335 07	340 04	355 04	325 09	320 17	310 17	310 12	335 04	340 04	005 07	330 08	335 07	...	...
Multan ...	225 04	280 03	310 03	260 03	245 04	310 15	295 37	310 50	315 55	255 07	300 04	350 05	340 06	335 07	290 19	240 19	240 13	245 11	255 10	065 03	355 09	270 13	300 19	295 33	...	...
Nawab Shah ...	015 06	030 06	040 06	210 02	255 07	300 10	320 17	340 26	320 21	060 07	059 09	025 03	34. 06	325 05	305 13	075 06	055 04	015 04	190 03	275 04	295 12	310 14	310 17	300 20	...	...
Nokkundi ...	...	...	100 23	145 11	325 13	105 22	025 45	340 42	330 45	...	...	320 17	340 10	025 06	095 06	...	...	095 08	130 06	140 10	195 10	290 09	...	...	...	...
Panjgur ...	...	...	...	085 10	360 15	315 13	330 19	325 22	305 22	...	...	...	085 04	355 12	335 11	...	...	...	335 07	265 10	270 15	275 13	290 20	295 27	...	...
Peshawar ...	...	360 04	325 12	330 08	335 08	350 04	330 10	270 11	270 10	...	145 05	300 09	340 12	340 11	3 5 07	...	120 07	310 03	315 11	350 08	245 11	295 13	295 18	290 30	...	...
Parachinar ...	...	...	...	025 03	125 05	335 30	255 10	...	270 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	305 08	180 12	285 26	295 36	265 44	...	...	...	...	...	...	...	...	...	...	170 07	235 07	260 23	275 22	...	...	...
Sargodha ...	265 05	295 06	310 05	315 06	290 08	275 10	270 16	290 19	300 19	275 08	335 05	020 09	005 08	335 10	285 13	310 11	285 06	325 06	355 04	340 05	315 08	295 14	295 20	295 14	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100 01	230 04	160 06	180 06	335 05	305 07	...	...
Sylhet ...	280 01	225 01	200 02	295 09	265 1/	265 20	...	...	...	115 04	105 03	190 04	295 05	285 16	245 22	070 04	065 04	085 02	285 10	275 25	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	005 08	340 11	34. 11	340 09	335 06	345 09	345 15	295 09	280 09	...	...	...	...	...	...	...	...	...
Multan ...	245 11	290 09	020 06	005 05	325 07	310 14	315 19	315 29	310 37	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIIii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_s—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

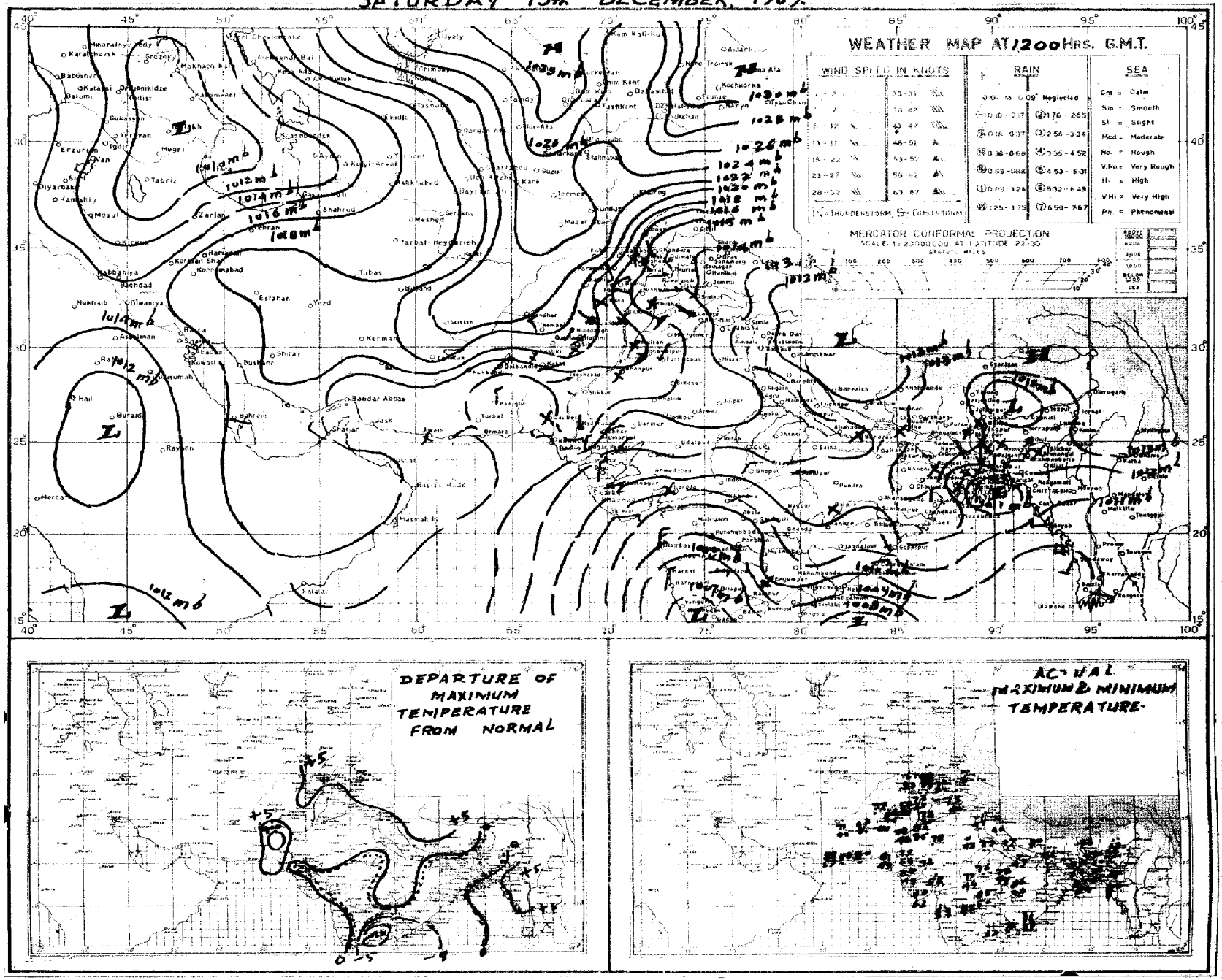
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port), KARACHI—11

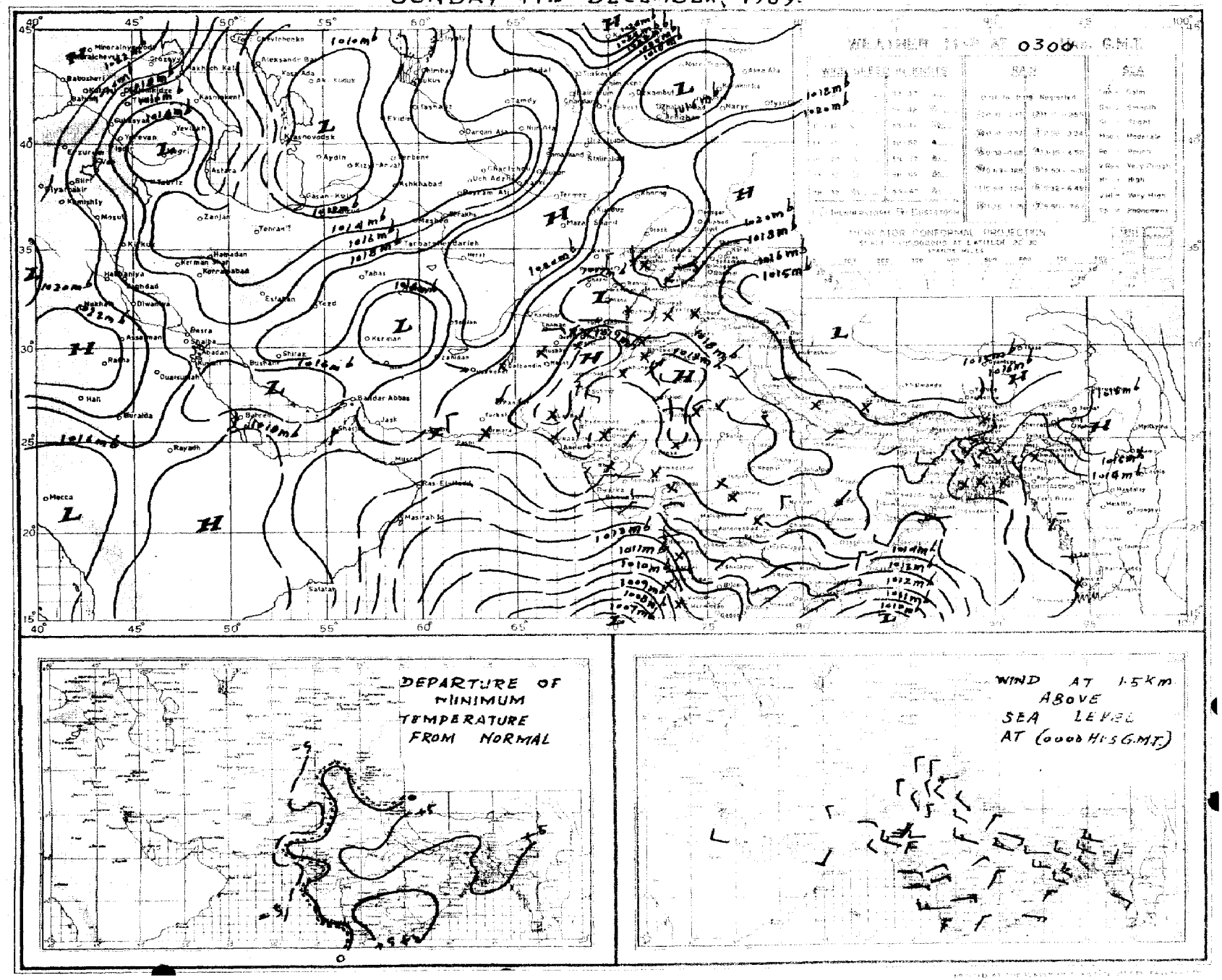
PAKISTAN DAILY WEATHER MAP

SATURDAY 13th DECEMBER, 1969.



PAKISTAN DAILY WEATHER MAP

SUNDAY 14th DECEMBER, 1969.



Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 15th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secondary western disturbance over D. I. Khan division is now moving away across Kashmir.
A fresh western disturbance is moving across Russain Turkistan. Its secondary lies over Afghanistan.
Yesterday's trough of low pressure over East Pakistan now lies over Chittagong division only.
A few falls of light rain occured in Chittagong division otherwise weather remained dry over the country.
Night temperatures were 9—10 °F (5—6 °C) above normal in Chittagong division and 3—8 °F (2—4 °C) so elsewhere in East Pakistan and in Rawalpindi and Peshawar divisions and were 3—6 °F (2—3 °C) below normal in Multan, western Quetta, northern Kalat and Hyderebad division.

Forecast valid until the evening of 16th December 1969 :—Scattered thunderstorm/showers are likely to occur in Chittagong, Sargodha, Peshawar, Rawalpindi Lahore divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 15th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (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)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	7	36	02	95	02	2	122	77	6	7	5	7	/	72	//	000	0	0	00	00	97	01	4	165	72	5	3	6	0	0	64	64	—	—	1.6	—	10.2	—
	Cox's Bazar	000	0	7	31	02	//	02	2	119	77	3	4	4	3	0	70	84	000	0	7	36	09	95	05	0	161	73	2	2	5	0	0	70	69	+ 4	+ 10	0.7	— 3.2	91.9	140
	Chittagong	000	0	7	31	02	//	02	2	122	77	4	4	4	3	0	67	84	000	0	6	36	12	96	01	0	167	48	4	5	9	3	0	66	56	+ 5	— 2	1.2	— 1.5	105.2	103
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	165	72	0	0	9	0	0	66	62	—	+ 3	0.3	— 1.4	128.6	115
	Comilla	000	0	0	00	00	//	02	0	126	70	0	0	9	0	0	68	79	000	0	0	00	00	96	02	0	170	69	0	0	9	0	0	64	64	+ 1	+ 9	0.5	— 1.1	104.2	94
	Brahmanbaria	000	0	0	00	00	//	03	1	118	76	4	5	5	0	0	67	79	000	0	0	00	00	96	00	4	178	75	0	0	9	0	0	66	62	—	—	1.2	— 0.1	55.0	78
	Sylhet	007	9	7	09	13	//	02	6	093	72	4	4	5	3	/	67	77	001	0	0	09	05	96	02	2	171	72	0	0	9	0	0	58	54	—	—	1.5	—	149.7	98
	Srimangal	...	—	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	000	0	0	00	00	94	47	0	176	64	0	0	9	0	0	62	58	—	— 10	1.5	— 0.1	84.5	91
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	165	71	0	0	9	0	0	60	59	—	— 6	0.3	— 0.7	77.5	74
	Narayanganj	000	0	8	00	00	//	02	2	125	76	8	6	3	/	/	65	79	000	0	0	05	02	97	10	0	176	75	0	0	9	0	0	60	62	0	+ 5	1.3	+ 0.3	82.1	—
	Dacca (Tejgaon)	000	0	6	00	00	96	02	2	123	73	8	0	9	0	0	65	79	000	0	8	05	05	96	02	0	176	69	0	0	9	0	0	60	59	—	—	1.2	—	65.9	71
	Faridpur	000	0	2	34	02	93	01	1	110	73	2	5	6	0	0	61	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0						
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	36	03	97	02	2	171	72	1	4	5	0	0	62	60	—	+ 4	0.9	— 0.9	65.2	81
	Khulna	000	0	4	00	00	97	03	0	111	76	2	2	5	0	0	72	81	000	0	0	00	00	97	00	0	171	73	0	0	9	0	0	64	64	+ 3	+ 9	1.3	+ 0.1	74.5	48
	Satkhira	000	0	0	00	00	95	00	0	128	72	2	0	9	0	1	67	77	000	0	0	36	02	97	00	0	184	68	0	0	9	0	0	59	60	— 3	+ 7	0.2	— 1.7	61.7	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	4	174	66	0	0	9	0	0	58	68	—	+ 3	1.1	— 0.1	62.5	59
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	...	31	05	97	02	0	189	69	0	0	9	0	0	60	63	—	—	1.0	—	66.3	64
	Sirajganj	000	0	6	00	00	//	02	2	124	76	6	0	9	0	0	65	77	000	0	0	00	00	98	00	0	181	69	0	0	9	0	0	59	60	+ 1	+ 5	0.3	— 0.4	56.6	—
	Rajshahi	000	0	1	00	00	94	01	1	130	72	0	0	9	3	0	62	81	000	0	0	31	03	97	02	0	191	66	0	0	9	5	0	54	59	+ 4	+ 5	2.9	— 2.3	70.3	69
	Bogra	000	0	4	00	00	//	02	2	111	72	0	0	9	4	0	63	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3						72
	Dinajpur	000	0	0	00	00	//	00	0	123	72	0	0	9	0	0	61	81	000	0	0	00	00	98	00	0	176	66	0	0	9	0	0	59	56	—	+ 5	0.7	+ 0.3	96.5	84
	Rangpur	000	0	0	00	00	96	01	0	114	67	0	0	9	0	0	61	79	000	0	0	05	02	96	01	0	172	66	0	0	9	0	0	60	56	+ 3	+ 4	1.5	+ 1.0	87.5	—
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						19
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	02	0	148	70	0	0	9	0	0	40	77	000	0	0	00	00	95	10	0	192	//	4	0	9	3	0	48	41	+ 4	+ 1	0.0	— 0.2	18.0	32
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	180	50	0	0	9	0	0	50	33	—	— 3	0.0	— 0.4	11.5	—
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	145	67	0	0	9	1	0	43	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						—
	Islamabad																																									36
	Rawalpindi	000	0	5	27	02	99	03	2	148	65	0	0	9	0	8	32	73	000	0	7	00	00	96	02	0	196	41	2	0	9	3	3	38	40	+ 5	+ 3	0.2	— 0.5	33.6	—
	Campbellpur																																									15
Sargodha	Khushab	000	0	0	00	00	97	06	0	133	81	0	0	9	0	0	72	81	000	0	0	00	00	97	01	0	184	45	0	0	9	0	0	38	40	+ 8	— 2	0.0	— 0.2	7.8	—
	Sargodha	000	0	1	27	03	97	02	0	146	70	0	0	9	0	4	50	79	000	0	7	23	03	96	04	1	187	43	4	0	9	3	1	38	40	—	—	0.1	—	20.2	13
	Lyallpur	000	0	9	27	02	96	00	0	135	72	0	0	9	0	0	47	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6						18
Multan	Sahiwal	000	0	0	00	00	97	02	0	157	72	0	0	9	0	0	38	76	000	0	0	00	00	94	10	0	150	43	0	0	9	0	0	40	38	+ 4	— 5	0.0	— 0.2	11.3	7
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	92	00	0	212	45	0	0	9	0	0	38	40	—	—	0.0	—	2.7	9
	Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							6
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	152	72	0	0	9	0	0	38	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3						6
	Bahawalpur	000	0	0	00	00	96	00	0	167	72	0	0	9	0	0	47	79	000	0	0	00	00	96	00	0	175	52	0	0	9	0	0	42	41	— 0	—	0.0	— 0.1	1.9	8
	Fort Abbas	000	0	0	23	02	98	00	0	174	81	0	0	9	0	0	72	81	000	0	0	05	03	98	00	0	124	56	0	0	9	0	0	46	58	—	—	0.0	— 0.8	—	
Peshawar	Chakdara	000	0	3	36	02	98	03	0	173	63	3	0	9	0	0	40	63	000	0	6	05	07	97	01	2	168	42	6	0	9	0	2	35	25	—	—	0.0	—	23.2	11
	Peshawar	000	0	5	00	00	97	02	1	152	63	0	0	9	0	1	43	71	000	0	2	13	02	97	01	1	192	45	9	0	9	0	0	33	45	+ 5	+ 4	0.5	— 0.0	14.8	—
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	98	00	0	215	54	8	0	9	0	0	22	45	—	—	0.9	—	23.9	
D. I. Khan	Bannu	000	0	4	13	02	98	02	0	149	67	0	0	9	6	0	51	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						11
	D. I. Khan	000	0	0	00	00	97	02	0	156	72	0	0	9	0	0	34	73	000	0	0	00	00	97	02	0	189	45	0	0	9	0	0	24	41	— 0	0	0.0	— 0.2	5.9	9
Quetta	Sibi	000	0	0	00	00	97	02	0	159	77	0	0	9	0	0	62	79	000	0	0	00	00	97	02	0	198	40	0	0	9	0	0	40	38	—	—	0.0	—	0.2	3
	Nokkundi	000	0	7	13	05	97	02	0	109	65	7	0	9	2	0	20	66	000	0	0	05	05	97	02	0	147	52	0	0	9	0	0	97	46	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	1	23	02	96	03	0	138	78	0	0	9	0	0	38	79	000	0	0	36	03	96	02	0	168	63	0	0	9	0	0	57	59	—						—
	Jiwani	000	0	0	11	02	97	02	0	131	75	0	0	9	0	0	70	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.8	—	2.0	3
	pasni																																			+ 1						6
Karachi division	Ormara	000	0	0	18	03	96	02	0	149	77	0	0	9	0	0	73	78	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	—						6
	Lasbela	000	0	2	00	00	98	00	0	131	85	0	0	8	0	0	67	88	000	0	0	00	00	98	00	0	187	52	0	0	8	0	0	43	41	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	27	03	97	02	0	141	74	0	0	9	0	0	53	81	000	0	0	05	02	96	02	0	176	62	0	0	9	0	0	44	40	+ 4	— 2	0.0	— 0.1	1.1	—
	Karachi (Airport)	000	0	0	00	00	96	02	0	138	79	0	0	9	0	0	50	81	000	0	1	00	00	96	03	0	168	51	1	0	9	0	0	37	50	—	—	0.0	— 0.2	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	160	87	0	0	9	0	0	66	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						7
	Chhor	000	0	0	36	02	96	02	0	137	81	0	0	9	0	0	36	85	000	0	0	00	00	96	02	0	165	48	0	0	9	0	0	22	43	—	— 10	0.0	—	0.3	9
	Hyderabad	000	0	0	36	03	97	02	0	148	74	0	0	9	0	0	45	79	000	0	0	36	02	97	03	0	182	55	0	0	9	0	0	41	33	0	+ 1	0.0	— 0.1	0.3	—
	Badin	000	0	0	36	06	97	02	0	164	82	0	0	9	0	0	38	84	000	0	0	36	04	96	02	0	162	48	0	0	9	0	0	39	45	+ 3	— 6	0.0	— 0.2	0.3	
Khairpur	Padidan	000	0	0	00	00	96	02	0	146	73	0	0	9	0	0	34	77	000	0	0	31	02	97	03	0	//	//	0	0	9	0	0	37	40	—	—	0.0	—	0.8	4
	Nawabshah	000	0	0	00	00	96	02	0	157	75	0	0	9	0	0	43	78	000	0	0	00	00	96	02	0	191	44	0	0	9	0	0	37	42	—	—	0.0	—	0.2	
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	03	95	05	0	185	54	0	0	9	0	0	38	50	—	—	0.0	—	0.1	4
	Kashmore																																									
	jacobabad	000	0	0	31	03	97	02	0	149	74	0	0	9	0	0	39	79	000	0	0	00	00	//	02	0	189	50	0	0	9	0	0	34	47	+ 4	+ 1	0.1	— 0.1	2.8	10
Junagadh	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar																																									71
	Gulmarg																																									26
	Sonamarg																																									3
	Dras																																									6
	Leh																																									—
	Skardu																																									—
	Miagar																																									9
	Aliabad																																									39
	Gilgit																																									—
Rawalpindi	Murree	000	0	4	09	05	98	01	1	498	52	0	0	9	0	4	52	56	000	0	0	09	05	97	02	1	520	45	6	5	4	0	0	21	40	+ 8	+ 2	0.9	— 0.4	41.0	18
Peshawar	Drosh																																									29
	Cherat	000	8	9	36	10	97	03	0	520	56	4	0	7	2	0	62	68	000	0	5	34	01	97	01	2	515	56	5	0	7	4	2	50	50	+ 13	+ 7	0.6	— 0.4	15.0	—
	Kakul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	05	00	97	03	1	524	9	3	0	9	4	0	23	43	—	—	1.0	—	33.9	39
	Landikotal	000	0	6	36	02	98	02	0	528	54	0	7	9	/	/	56	63	000	0	0	36	03	95	02	0	608	40	4	3	9	0	0	35	33	—	—	0.7	—	13.6	18
	Parachinar	000	0	4	16	03	98	01	1	511	//	1	0	9	0	0	61	61	000	0	0	00	03	99	03	0	// 9	40	/	/	/	/	/	//	35	+ 6	+ 3	0.6	—	22.1	11
D.I. Khan*	Miranshah	000	0	0	05	05	99	00	0	524	70	0	0	9	0	0	52	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						11
	Wana	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	03	0	448	49	0	0	9	6	0	//	46	—	—	0.0	—	4.3	
Quetta	Fort Sandeman	000	0	3	27	02	96	03	0	4 9	65	1	0	9	3	1	17	67	000	0	0	31	02	97	02	2	522	38	0	0	9	0	1	05	33	+ 9	— 1	0.0	— 0.3	6.4	9
	Hindubagh	000	0	0	23	05	97	02	0	529	54	0	0	9	0	0	45	56	000	0	0	23	02	97	03	0	583	32	0	0	9	0	0	13	22	—	—	0.0	—	0.2	
	Loralai																																									14
	Barkhan																																									9
	Harnai	000	0	0	00	00	96	02	0	484	66	0	0	9	0	0	37	72	000	0	0	00	00	96	02	0	485	45	0	0	9	0	0	14	//	—	0	0.0	— 0.5	5.6	8
	Samungli (Quetta)	000	0	5	00	00	96	02	0	458	60	0	0	9	0	3	48	64	000	0	0	00	00	96	02	0	575	32	0	0	9	0	0	27	18	—	—	0.5	— 0.3	3.6	—
	Chaman	000	0	0	27	03	97	00	0	535	55	0	0	9	0	0	25	57	000	0	0	00	00	97	00	0	504	50	0	0	9	0	0	37	35	0	— 2	0.0	— 1.1	4.8	4
	Nushki	000	0	5	00	00	97	03	0	537	69	0	0	9	0	2	36	60	000	0	0	07	03	97	02	0	545	58	0	0	9	0	0	27		—	—	0.0	—	2.7	7
	Dalbandin	000	0	4	05	02	98	03	0	495	67	0	0	9	0	0	20	71	000	0	0	00	00	98	03	0	578	41	0	0	9	0	0	11	31	+ 8	— 6	0.0	— 0.3	0.5	
Kalat	Kalat	000	0	0	36	03	96	00	2	494	55	0	0	9	0	0	21	57	000	0	0	00	00	96	00	2	500	30	0	0	9	0	0	14	22	+ 2	— 4	0.0	— 0.6	2.3	5
	Khuzdar	000	0	1	13	02	97	03	0	496	66	0	0	9	0	1	15	71	000	0	0	03	13	96	02	0	496	39	0	0	9	0	0	41	39	—	—	0.2	—	3.4	
	Panjgur																																									

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR. at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
Where over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 15th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RRt_Rt_R$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Texaco Saigon	05 5 19	10 6 13	14 1 23	00 4 05	98 0 00	13 7 76	00 0 00	33 6 15			05 1 63	17 7 00	30 5 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	018 206 08	...	465 154 56	129 040 41	579 010 //	749 100 60	960 307 59	235 539 //	414 681 //	...	...	...	...
Dacca ...	00 00	014 170 22	...	450 138 63	1u/ 036 o4	578 101 66	748 191 63	956 265 93	232 525 //	414 662 91/	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	015 180 56	...	450 054 50	073 000 //	5 0 121 //	730 221 //	943 351 //	121 465 //	...	...	...	...	...
Multan ...	00 00	982 00/ 30	...	480 076 20	050 051 //	562 191 //	725 295 //	927 375 //	201 471 //	...	...	...	...	...
Peshawar ...	00 00	975 076 34	...	00/ 108 41	072 005 56	568 1'5 //	734 241 //	938 367 //	103 483 //	39/ 511 //	...	...	...	...
Quetta ...	00 00	820 060 64	...	...	073 009 //	564 269 //	721 471 //	921 637 //	...	...	...	...	...	...
Sargodha ...	00 00	993 124 58	...	530 114 59	089 005 62	570 151 //	735 251 //	939 361 //	213 481 //	400 535 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 172 29	800 112 18	...		...	...	...	...	...	...	-	...
Dacca ...	00 00	9u0 148 61	803 106 60	608 000 13	350 267 64	250 032 91	—	...	...	...	.	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	—	...	...	...	...	—	...	—
Multan ...	00 00	...	...	.	...	...	...	...	...	...	—	...	...
Peshawar ...	00 00	930 116 50	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 090 //	600 105 //	380 571 //	250 C83 //	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	.	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	360 31	355 11	345 05	340 05	180 02	220 12	...	—	...
Bogra ...	315 05	315 05	310 05	295 11	...	...	...	...	...
Chaklala ...	..	275 08	335 04	360 03	075 04	130 05	260 12	290 15	300 15
Chhar ...	120 13	150 18	250 16	265 20	275 18	...	...	...	...
Chittagong ...	210 15	215 20	230 20	250 10	265 25	275 03	280 05	...	..
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	265 12	260 04	235 04	135 04	180 04	065 04	090 07	...	..
Dacca ...	290 03	295 02	350 04	305 04	270 10	240 17	...	...	...
Dalbandin ...	...	...	190 20	195 18	200 25	210 30	215 15	230 15	235 20
D. I. Khan ...	160 02	279 01	255 01	115 06	085 03	230 03	270 08	275 14	265 15
Drosh ...	...	...	...	045 12	025 12	360 02	250 12	265 20	270 15
Fort Sandeman ...	...	..	...	260 10	260 12	280 30	285 20	300 10	320 40
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	355 03	355 05	010 08	275 15	260 18	255 19	...	...	...
Jacobabad ...	285 12	290 30	300 10	325 15	352 16	360 10	255 12	280 10	290 10
Jessore ...	080 03	030 01	260 12	340 05	355 26	360 04	...	...	...
Jhelum ...	295 01	300 13	300 04	320 03	080 04	080 03	280 13	...	...
Jiwani ...	245 05	260 04	360 04	250 07	230 12	270 12	255 11	265 12	.
Karachi ...	085 04	080 03	355 02	280 03	325 08	275 06	355 12	290 12	285 15
Khanpur ...	195 05	205 04	200 04	170 02	255 02	290 06	305 13	315 19	315 17
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	310 03	325 03	330 05	335 04	325 04	335 04	290 15	295 12	295 13
Multan ...	215 10	220 09	230 08	120 01	100 01	280 05	305 17	255 17	280 13
Nawab Shah ...	045 10	060 16	290 03	275 16	300 06	285 12	345 16	345 51	270 16
Nokkundi ...	...	...	135 09	005 07	245 01	265 19	...	...	...
Panjgur ...	—	...	...	...	...	...	...	...	...
Peshawar ...	...	200 06	315 16	330 19	330 06	295 01	235 12	240 14	240 12
Parachinar ...	...	...	...	185 03	280 05	290 21	290 12	285 73	280 27
Quetta ...	...	...	...	...	180 03	240 12	265 03	270 31	275 10
Sargodha ...	120 12	145 02	175 02	228 02	265 12	...	...	—	...
Skardu ...	...	...	...	345 01	/// //	325 10	100 10	...	...
Sylhet ...	315 06	325 06	100 02	045 07	120 05	240 10	..	—	...
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)
Barisal	030 08	030 08	035 06	035 05	040 04	...
Bogra	360 06	360 10	345 09	255 09	250 07	280 19
Chaklala	...	140 06	130 05	130 05	125 09	115 08
Chhar	095 09	100 05	170 53	290 C8	280 07	305 11
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	102 05	135 18	101 10	055 04	020 10	080 04
Dacca	015 20	330 19	350 15	...	...	...
Dalbandin	...	...	170 07	205 13	220 23	235 12
D. I. Khan	320 07	335 10	350 10	250 08	100 10	170 10
Drosh	—	-	...	070 01	030 06	020 10
Fort Sandeman	...	..	..	275 04	285 11	315 19
Gilgit	...	...	-	...	—	.
Ishurdi	...					
Jacobabad	360 02	305 01	275 04	225 05	225 08	255 12
Jessore	025 11	113 01	040 12	340 05	240 02	250 17
Jhelum	325 03	305 10	705 10	270 07	235 05	250 05
Jiwani	345 02	235 02	220 07	255 14	250 14	150 17
Karachi	...			...	...	...
Khanpur	170 12	185 12	195 12	240 08	210 07	235 32
Khuzdar	...	...		165 05	260 21	245 14
Lahore	300 08	330 10	325 11	335 06	330 06	315 10
Multan	225 06	215 04	190 01	260 02	255 08	265 12
Nawab Shah	235 12	220 08	210 04	180 40	245 08	250 12
Nokkundi	...	...	315 07	300 06	310 07	300 12
Panjgur	...					
Peshawar	...	265 07	180 05	230 05	230 05	240 21
Parachinar	...	...	...	220 04	055 07	-
Quetta	...	...	...	...	...	...
Sargodha	295 04	305 09	310 06	345 06	300 06	270 08
Skardu	...			...	...	
Sylhet	060 15	860 13	670 09	305 07	280 06	245 12
Veraval	...	..	...	...	...	.

At 0600 hrs. G.M.T.† of date (dd ff)

STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.4 (22)	4.5 (23)	5.4 (24)	6.0 (5)	7.2 (26)	9.0 (27)
Barisal	020 08	035 26	035 01	100 05	265 C5	265 11	280 28	270 15	265 17	260 25	..
Bogra	020 07	340 11	360 15	331 14	200 18	245 21	275 12	285 41	284 10	285 36	.
Chaklala	...	285 05	285 05	255 05	245 01	265 07	305 C9	..	...	...	...
Chhar	...							...	...	...	...
Chittagong	260 02	350 09	360 13	010 07	060 10	080 10	340 37	250 25	265 18	245 39	245 65
Cherat	...	...				...	...	...	...	..	..
Cox's Bazar	010 08	020 07	015 06	050 05	055 07		...	..	...	..	...
Dacca	330 12	030 12	010 13	005 09	295 06	280 09	275 29	270 09	265 39	265 53	265 79
Dalbandin	...	—	175 05	210 10	230 15	245 15	250 13	260 32	260 71	270 43	255 13
D. I. Khan	—	...	...	..	...	...		...	...	..	...
Drosh	—	...	...	055 08	035 12	020 25	005 12	350 14	...	...	...
Fort Sandeman	...	...	—	220 01	195 03	205 10	215 23	230 18	225 28	230 37	235 58
Gilgit	...	...	-	355 01	...	...	-	...	...	...	...
Ishurdi	...	...					...		...		
Jacobabad	155 04	190 00	190 06	210 09	205 10	240 16	260 10	265 29	265 17	255 40	250 42
Jessore	030 07	035 12	030 11	030 07	C65 04	250 18	290 26	265 13	265 19	265 42	.
Jhelum	...	...	.	.				...	...	...	...
Jiwani	060 01	225 03	225 05	255 08	225 12	250 15	260 15	250 21	250 26		
Karachi	070 08	060 10	060 05	245 02	295 02	240 07	270 19	270 15	260 12	275 13	255 36
Khanpur	070 29	190 12	210 21	270 12	255 13	255 61	255 61	260 13	..	—	.
Khuzdar	...	...	...	...			...		...	..	.
Lahore	295 03	300 06	200 08	235 10	195 07	305 04	220 11	230 13	245 19	...	.
Multan	190 11	215 13	200 13	185 13	180 12	175 11	240 33	260 25	265 31	255 45	245 62
Nawab Shah	065 04	055 03	110 02	255 03	275 05	280 13	240 17	260 18	270 19	...	...
Nokkundi	...	...	—	210 08	265 18	260 14	215 13	225 22	215 13	...	...
Panjgur	...										
Peshawar	...	125 02	130 03	270 02	210 03	245 08	250 23	240 29	240 28	295 48	260 72
Parachinar	...	...	...	160 01	165 06	255 30	295 19	250 54	253 38	260 60	265 19
Quetta	...	...	...	...	170 10	225 13	250 28	250 26	...		...
Sargodha	275 03	285 07	290 06	315 03	280 04	285 09	240 23	255 31	265 15	245 37	265 41
Skardu	025 01	030 10	035 09	360 12	345 05	225 14	280 15	285 14	275 13		.
Sylhet	070 07	070 08	075 01	035 07	055 03	270 03	288 29	280 43	...	..	...
Veraval	..	...	...	...	...		..	...	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi .	030 10	060 09	06. C8	060 06	245 04	275 10	265 19	265 16	265 16	275 19	270 31	245 63	...	...	...	...	..	..
Multan ...																		
Peshawar ...																		
Quetta .																		
Sargodha ...																		

Cloud observation Data (Hiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

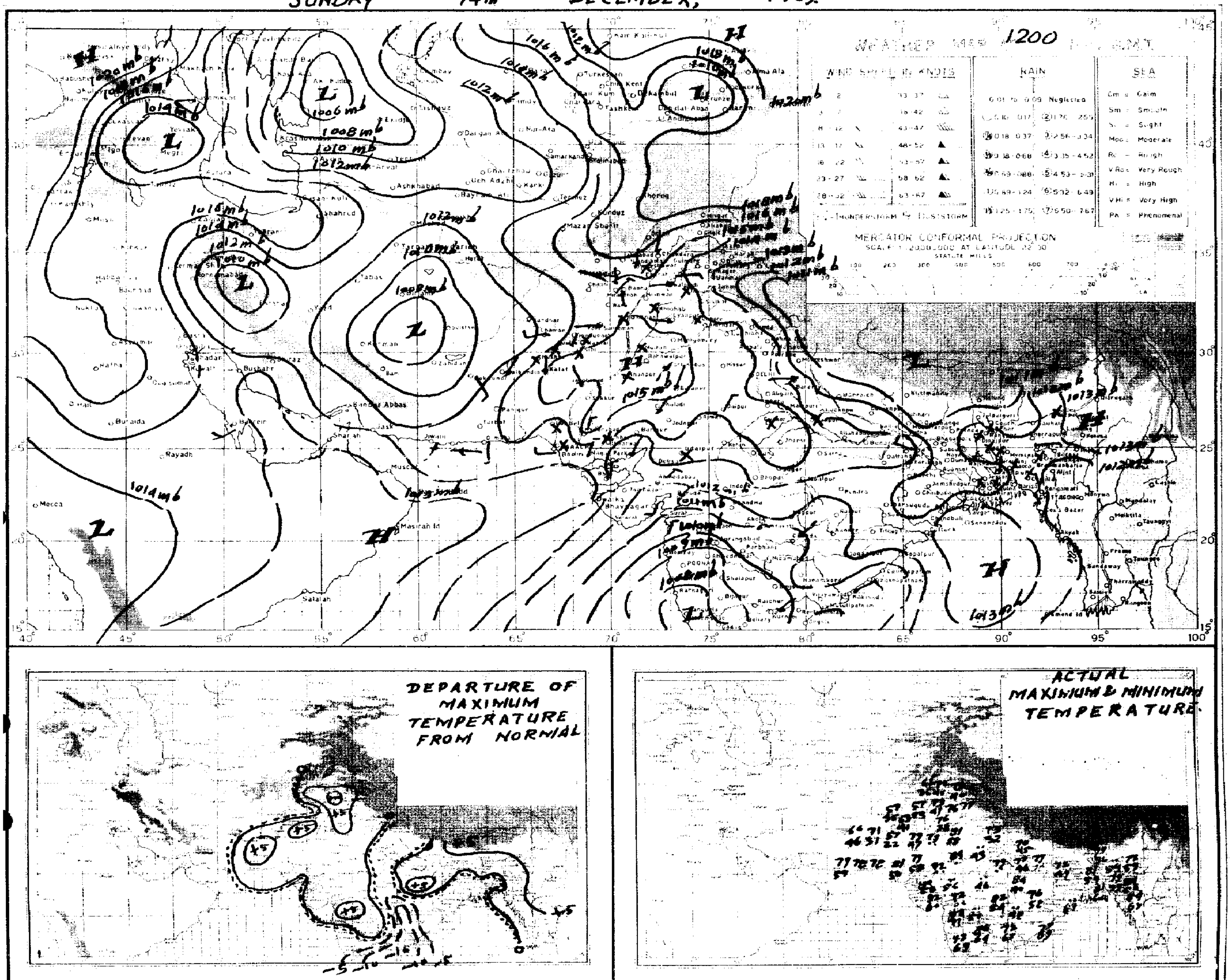
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the 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" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

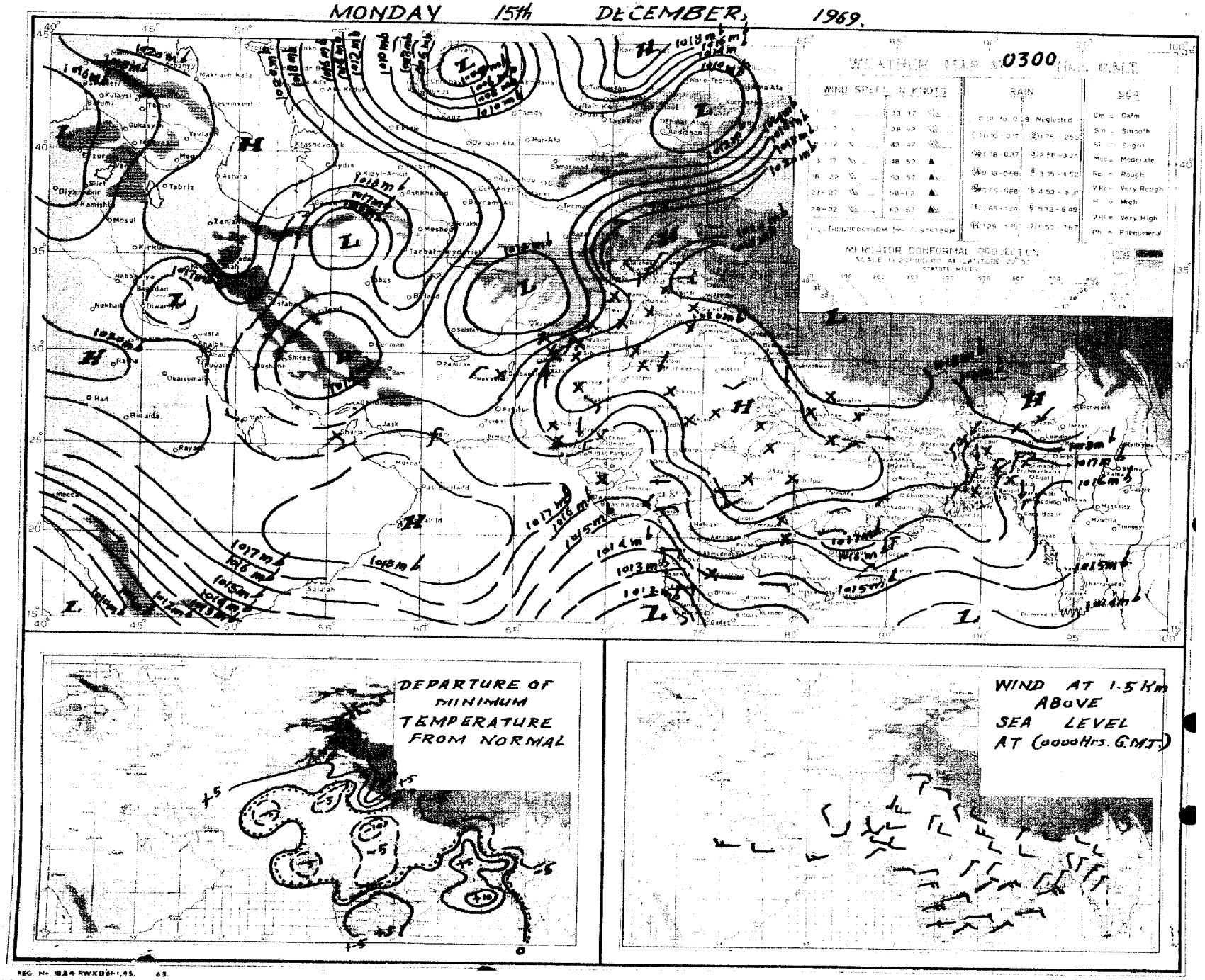
SUNDAY 14th DECEMBER, 1969.



REG. No. 1024 RWXD'61 1,45,005-63.

PAKISTAN DAILY WEATHER MAP

MONDAY 15th DECEMBER, 1969.



REG No 1824 RWKD'69-1,45. 63.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 16th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secondary western disturbance over Kashmir maved away northeastwards.
The secondary western disturbance over Afghanistan moved slightly northeastwards.
The trough of low pressure over Chittagong division has become unimportant.
Weather remained dry over the country.
Night temperatures were 3−8 °F (2−4 °C) above normal in East Pakistan and in Rawalpindi, Peshawar and western Quetta and were to the same extent below normal in Sargodha, Multan, Bahawalpur, northern Quetta and Hyderabad divisions.

Forecast valid until the evening of 17th December 1969 :—Scattered thunderstorms/showers are likely to occur in Sargodha, Peshawar, Rawalpindi divisions and Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 16th December, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

At 12 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature* TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	36	02	//	01	0	140	78	1	3	7	0	0	70	85
	Cox's Bazar	000	0	2	31	08	//	02	0	149	77	2	4	6	3	0	68	82
	Chittagong	000	0	1	31	02	//	01	2	141	76	1	0	9	1	0	68	82
	Maijdee Court	000	0	0	00	00	//	00	0	146	77	0	0	9	0	0	64	82
	Comilla	000	0	0	00	00	96	02	0	100	77	0	0	9	0	0	60	82
	Brahmanbaria	000	0	0	05	02	//	00	0	151	70	0	0	9	0	0	63	80
	Sylhet	000	0	0	00	00	//	01	0	142	72	0	0	9	0	0	58	85
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	00	00	//	00	0	163	72	0	0	9	0	0	60	78
	Narayanganj	000	0	0	00	00	//	00	0	142	76	0	0	9	0	0	63	82
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	150	73	0	0	9	0	0	59	80
	Faridpur	000	0	0	34	02	93	00	0	118	73	0	0	9	0	0	59	78
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	0	00	00	97	00	0	149	76	0	0	9	0	0	72	65
	Satkhira	000	0	0	00	00	95	00	0	157	77	0	0	9	0	0	63	82
	Jessore	000	0	0	03	05	97	02	0	158	72	0	0	9	0	0	58	80
Rajshahi	Pabna	000	0	9	00	00	//	02	0	154	73		/	/	/	/	67	80
	Sirajganj	000	0	0	36	01	//	00	0	164	73	0	0	9	0	0	67	80
	Rajshahi	000	0	0	00	00	94	02	0	166	72	0	0	9	0	0	60	78
	Bogra	000	0	0	36	02	//	02	0	143	78	0	0	9	0	0	58	80
	Dinajpur	000	0	0	00	00	//	00	0	142	68	0	0	9	0	0	56	80
	Rangpur	000	0	0	00	00	96	01	0	114	64	0	0	9	0	0	60	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	95	02	1	174	70	0	0	9	0	0	40	73
	Sialkot	080	0	0	00	00	96	02	0	170	64	0	0	9	0	0	50	72
Rawalpindi	Jhelum	000	0	1	00	00	96	02	0	170	67	0	0	9	0	1	41	76
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	0	178	61	0	0	9	0	0	36	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	176	76	0	0	9	0	0	67	78
	Sargodha	000	0	1	00	00	97	03	0	174	70	0	0	9	0	0	51	77
	Lyallpur	000	0	0	00	00	96	00	0	166	70	0	0	9	0	0	43	73
Multan	Sahiwal	000	0	0	18	05	97	02	0	171	73	0	0	9	0	0	51	76
	Multan	000	0	0	31	00	94	00	0	103	77	0	0	9	0	0	58	76
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	//	02	0	174	73	0	0	9	0	0	29	77
	Bahawalpur	000	0	0	00	00	96	00	0	///	75	0	0	9	0	0	47	81
	Fort Abbas	000	0	0	23	02	98	00	0	150	73	0	0	9	0	0	72	76
Peshawar	Chakdra	000	0	2	36	02	98	01	0	150	64	2	0	9	0	8	43	64
	Peshawar	000	0	3	00	00	96	04	0	175	67	2	0	9	3	1	40	73
	Haripur	000	0	0	31	02	98	00	0	163	64	0	0	9	0	0	47	75
D. I. Khan	Bannu	000	0	2	13	02	99	01	1	170	70	0	0	9	4	0	34	76
	D. I. Khan	000	0	0	00	00	97	02	0	176	68	0	0	9	0	0	40	75
Quetta	Sibi	000	0	0	00	00	97	02	0	171	77	0	0	9	0	0	61	78
	Nokkundi	000	0	0	00	00	97	02	0	///	//	0	0	9	0	0	31	76
Kalat	Turbat	000	0	0	27	02	96	88	0	017	80	0	0	9	0	0	37	80
	Jiwani	000	0	2	18	02	96	01	0	152	75	2	5	6	0	0	55	78
	Pasni	000	0	0	11	06	97	02	0	164	76	0	0	0	0	0	70	78
Karachi division	Ormara	000	0	0	18	02	96	02	0	163	73	0	0	9	0	0	73	77
	Lasbela	000	0	2	00	00	98	00	0	145	81	0	0	8		0	67	86
	Karachi (Manora)	000	0	0	02	02	97	02	0	158	71	0	0	9	0	0	51	85
	Karachi (Airport)	000	0	0	00	00	96	02	0	147	80	0	0	9	0	0	25	85
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	137	81	0	0	0	0	0	81	89
	Chhor	000	0	0	00	00	96	02	0	149	81	0	0	9	0	0	34	86
	Hyderabad	000	0	0	36	03	97	02	0	166	76	0	0	9	0	0	37	81
	Badin	008	0	0	36	03	97	02	0	156	82	0	0	9	0	0	41	83
Khairpur	Padidan	000	0	0	13	02	97	02	0	165	74	0	0	9	0	0	32	76
	Nawabshah	000	0	0	36	02	96	02	0	170	75	0	0	9	0	0	41	79
	Sukkur	000	0	0	13	06	96	02	0	157	75	0	0	9	0	0	40	78
	Kashmore																	
	Jacobabad	000	0	0	31	02	97	00	2	169	75	0	0	9	0	0	40	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	05	03	98	00	1	522	54	0	0	9	0	0	29	58
Peshawar	Drosh *	000	0	0	00	00	97	02	0	546	51	0	0	9	0	0	35	59
	Cherat *	000	0	0	31	01	98	00	1	543	58	0	0	9	0	0	22	67
	Kakul *	008	0	2	13	03	96	05	2	535	58	0	0	9	3	0	32	64
	Landikotal *	000	0	4	36	02	98	01	1	632	60	4	3	9	0	0	27	60
	Parachinar *	000	0	5	11	05	99	03	0	540	51	1	0	9	3	4	//	60
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	533	70	0	0	9	0	0	32	72
	Wana *	000	0	0	00	00	99	00	0	510	//	0	0	9	0	0	24	75
Quetta	Fort Sandeman *	000	0	1	00	00	95	03	0	510	63	0	0	9	0	0	//	67
	Hindubagh *	000	0	1	16	02	97	02	0	524	52	0	0	9	0	0	30	54
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	498	66	0	0	9	0	0	40	70
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	508	62	0	0	9	0	0	48	70
	Chaman *	000	0	0	18	05	97	00	0	510	67	0	0	9	0	0	36	72
	Nushki *	000	0	0	23	05	97	02	0	559	71	0	0	9	0	0	49	73
	Dalbandin *	000	0	0	23	02	98	01	0	510	74	0	0	9	0	0	//	77
Kalat	Kalat *	000	0	0	18	02	96	00	2	522	60	0	0	9	0	0	39	67
	Khuzdar *																	
	Panjgur *																	

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	0	1	27	05	96	01	4	186	69	1	1	7	0	0	64	64
	Cox's Bazar	000	0	3	15	03	97	03	0	166	73	1	2	5	3	0	65	65
	Chittagong	000	0	0	36	02	97	01	0	176	69	0	0	9	0	0	59	62
	Maijdee Court	000	0	0	34	05	96	00	0	160	59	0	0	9	0	0	58	//
	Comilla	000	0	0	18	05	95	02	0	181	68	0	0	9	0	0	60	//
	Brahmanbaria	000	0	0	05	02	97	00	0	189	73	0	0	9	0	0	64	60
	Sylhet	001	0	0	09	05	96	02	0	183	69	0	0	9	0	0	58	56
	Srimangal	000	0	0	00	00	96	00	0	171	64	0	0	9	0	0	40	//
Dacca	Mymensingh	000	0	0	00	00	97	00	0	193	68	0	0	9	0	0	58	59
	Narayanganj	000	0	0	31	02	98	00	0	173	73	0	0	9	0	0	59	58
	Dacca (Tejgaon)	000	0	0	36	05	96	02	0	187	68	0	0	9	0	0	59	56
	Faridpur	000	0	0	02	05	97	00	0	182	75	0	0	9	1	0	65	53
Khulna	Barisal	000	0	0	36	05	97	02	0	183	69	0	0	9	0	0	58	58
	Khulna	010	0	0	00	00	97	00	0	183	73	0	0	9	0	0	65	60
	Satkhira	000	0	0	36	02	97	00	0	192	68	0	0	9	0	0	49	58
	Jessore	000	0	0	02	08	97	02	0	191	65	0	0	9	0	0	50	56
Rajshahi	Pabna	000	0	0	00	00	97	02	0	191	69	0	0	9	0	0	56	60
	Sirajganj	000	0	0	36	02	98	00	0	191	69	0	0	9	0	0	68	58
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	0	31	05	96	05	0	194	65	0	0	9	0	0	51	54
	Dinajpur	000	0	0	36	02	96	00	0	201	68	0	0	9	0	0	51	51
	Rangpur	000	0	0	00	00	96	07	0	169	65	0	0	9	0	0	60	56
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	80	96	05	0	221	49	0	0	9	0	1	38	40
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	3	00	00	96	02	0	224	41	0	1	7	3	1	38	40
	Islamabad																	
	Rawalpindi	000	0	6	00	00	97	01	0	230	41	3	0	9	4	8	35	40
	Campbellpur																	
Sargodha	Khushab	000	0	2	03	00	97	01	0	231	45	0	0	9	0	2	35	38
	Sargodha	000	0	4	27	02	96	04	0	222	38	2	0	9	3	1	35	35
	Lyallpur	000	0	4	00	00	95	02	0	213	43	0	0	9	0	4	28	40
Multan	Sahiwal	000	0	0	00	00	94	12	4	225	40	0	0	9	0	0	35	38
	Multan	000	0	0	36	01	92	00	0	171	43	0	0	9	0	0	35	38
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	219	45	0	0	9	0	0	35	33
	Bahawalpur	000	0	0	00	00	96	00	0	185	51	0	0	9	0	0	38	41
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	000	0	7	00	00	97	02	1	218	41	0	0	9	0	8	32	40
	Peshawar	000	0	7	00	00	96	04	1	220	45	2	0	4	3	4	38	43
	Haripur	080	0	4	18	02	97	02	2	219	49	8	5	6	0	0	30	40
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	3	17	01	98	03	2	///	45	0	0	9	0	0	32	40
Quetta	Sibi	000	0	0	00	80	97	02	0	220	42	0	0	9	0	0	46	40
	Nokkundi	008	0	0	36	03	97	02	0	189	53	0	0	9	0	0	21	51
Kalat	Turbat	000	0	0	05	02	96	00	0	025	55	0	0	9	0	0	47	//
	Jiwani	000	0	0	05	03	96	02	0	193	65	0	0	9	0	0	59	61
	Pasni	000	0	0	23	06	97	02	0	190	59	0	0	0	0	0	59	22
Karachi division	Ormara	000	0	0	00	00	96	02	0	192	63	0	0	9	0	0	61	//
	Lasbela	000	0	0	00	00	98	00	0	208	39	0	0	8	0	0	42	40
	Karachi (Manora)	000	0	0	05	03	96	02	0	174	62	0	0	9	0	0	41	61
	Karachi (Airport)	000	0	0	00	00	96	02	0	193	54	1	0	9	0	8	29	49
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	36	05	97	02	0	205	55	0	0	9	0	0	37	54
	Badin	000	0	0	36	04	56	02	0	185	48	0	0	9	0	0	39	46
Khairpur	Padidan	000	0	0	31	02	97	02	0	214	45	0	0	9	0	0	40	41
	Nawabshah	000	0	3	15	05	94	02	0	214	46	2	5	6	0	0	39	43
	Sukkur	000	0	0	13	02	93	05	4	214	53	0	0	9	0	0	40	46
	Kashmore																	
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	7	05	03	97	02	1	560	47	4	5	4	5	0	//	41
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	4	34	10	97	02	2	560	54	4	0	7	5	0	58	47
	Kakul *	000	0	7	05	03	97	03	1	546	9	3	5	6	7	0	20	41
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar *	000	0	5	00	00	99	01	2	561	45	5	0	7	0	0	//	38
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	514	43	4	0	9	0	0	38	35
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	23	02	97	02	0	536	34	0	0	9	0	0	14	28
	Hindubagh *	000	0	0	00	00	97	02	0	572	33	0	0	9	0	0	25	22
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	501	44	0	0	9	0	0	22	//
	Samungli (Quetta) *	000	0	0	00	00	97	00	0	///	//	0	0	9	0	0	37	33
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nushki *	000	0	0	07	05	97	02	0	574	59	0	0	9	0	0	31	51
	Dalbandin *	080	0	0	00	00	98	07	0	513	41	0	0	9	0	0	25	41
Kalat	Kalat *	000	0	0	16	02	96	00	2	543	34	0	0	9	0	0	12	28
	Khuzdar *																	
	Panjgur *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Departure from Normal of: Maximum temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	—	—	1.5	—	101.4	—
	Cox's Bazar	+ 2	+ 7	0.7	− 3.3	91.9	140
	Chittagong	+ 3	+ 5	1.2	− 1.7	105.2	113
	Maijdee Court	+ 5	—	0.3	− 1.4	128.5	115
	Comilla	+ 4	—	0.5	− 1.1	104.2	94
	Brahmanbaria	—	—	1.3	− 0.1	55.1	78
	Sylhet	—	—	1.5	—	149.7	98
	Srimangal	—	—	1.5	− 0.1	84.5	91
Dacca	Mymensingh	+ 1	+ 7	0.3	− 0.7	77.5	74
	Narayanganj	+ 3	+ 1	1.3	+ 0.2	82.1	—
	Dacca (Tejgaon)	—	—	1.3	—	65.9	71
	Faridpur	+ 2	+ 5	0.0	—	—	81
Khulna	Barisal	—	+ 3	0.9	− 0.9	65.1	68
	Khulna	+ 7	+ 5	1.3	− 0.2	74.5	65
	Satkhira	+ 2	+ 6	0.2	− 1.7	61.7	65
	Jessore	+ 1	—	1.1	− 0.0	62.5	59
Rajshahi	Pabna	—	—	1.0	—	66.2	64
	Sirajganj	+ 1	+ 5	0.3	− 0.3	56.5	—
	Rajshahi	+ 2					69
	Bogra	—	+ 1	—	—	—	72
	Dinajpur	—	+ 1	0.7	+ 0.3	96.5	84
	Rangpur	+ 2	+ 6	1.5	+ 1.0	87.5	—
Kashmir	Jammu						13
Lahore	Lahore (Jail Rd.)	0	+ 1	0.0	− 0.3	17.9	32
	Sialkot	+ 2					—
Rawalpindi	Jhelum	—	—	0.0	—	31.2	—
	Islamabad						34
	Rawalpindi	+ 8	+ 3	0.2	− 0.4	33.5	—
	Campbellpur						15
Sargodha	Khushab	+ 5	− 3	0.0	− 0.2	7.8	—
	Sargodha	—	—	0.1	—	20.2	12
	Lyallpur	+ 3	− 1	0.0	− 0.1	7.6	10
Multan	Sahiwal	+ 4	− 4	0.0	− 0.2	11.3	7
	Multan	—	—	0.0	—	2.7	8
	Leiah						6
Bahawalpur	Khanpur	+ 1	− 10	0.3	+ 0.1	1.3	6
	Bahawalpur	+ 2	− 2	0.0	− 0.1	1.9	8
	Fort Abbas	—					—
Peshawar	Chakdra	—	—	0.0	—	23.2	11
	Peshawar	—	+ 3	0.5	—	14.8	—
	Haripur	—	—	0.9	—	23.9	11
D. I. Khan	Bannu						9
	D. I. Khan	+ 2	0	0.0	− 0.2	5.9	5
Quetta	Sibi	—	—	0.0	—	0.2	2
	Nokkundi	—	—	0.0	—	0.3	—
Kalat	Turbat	—	—	0.0	—	2.0	5
	Jiwani	—	—	0.0	—	2.0	6
	Pasni	+ 1	—	0.0	− 0.8	0.2	6
Karachi division	Ormara	—	—	0.0	− 0.1	0.5	8
	Lasbela	—	—	0.0	—	0.7	8
	Karachi (Manora)	+ 6	+ 2	0.0	− 0.1	1.1	—
	Karachi (Airport)	—	—	0.0	—	1.5	—
Hyderabad	Nagarparker						7
	Chhor						9
	Hyderabad	+ 2	0	0.0	− 0.1	0.3	—
	Badin	+ 2	− 5	0.0	− 0.2	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	4
	Nawabshah	—	—	0.0	—	0.2	—
	Sukkur	—	—	0.0	—	0.1	4
	Kashmore						20
	Jacobabad						26
Junagadh	Veraval						—
	HILL STATIONS						
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						59
	Gilgit *						18
Rawalpindi	Murree *	+ 10	+ 9	0.9	− 0.5	41.0	29
Peshawar	Drosh *	+ 4					—
	Cherat *	+ 12	+ 5	0.6	− 0.4	15.0	—
	Kakul *	—	—	1.0	—	33.9	29
	Landikotal *	—					13
	Parachinar *	+ 5	+ 7	0.6	—	22.1	11
D.I. Khan	Miranshah *	—	—	0.0	− 0.3	1.9	11
	Wana *						—
Quetta	Fort Sandeman *	+ 9	− 3	0.0	− 0.4	6.5	9
	Hindubagh *	—	—	0.0	—	0.2	—
	Loralai *						14
	Barkhan *						9
	Harnai *	—	—	0.0	− 0.4	5.6	8
	Samungli (Quetta) *	—	− 3	0.0	− 1.1	4.7	—
	Chaman *	+ 15					4
	Nushki *	—	—	0.0	—	2.7	7
	Dalbandin *	+ 12	+ 6	0.0	− 0.3	0.5	—
Kalat	Kalat *	+ 12	+ 2	0.0	− 0.6	2.1	5
	Khuzdar *						—
	Panjgur *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 16th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_a L_a L_o$	$Q_c L_o L_o L_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s a$ PP	7RR $t_R t_R$	8$N_s Ch_s h_s$	$OT_s T_s T_d T_d$	1$T_w T_w T_{wt} T$	3$P_w P_w H_w H_w$	$d_w d_w P_w H_w H$
1	2	3	4	5	6	7	8	9	10	11	14	13	14	15
ARABIAN SEA														
Clanmacnairghir	99 2 30	10 6 56	15 0 03	08 4 05	98 0 20	15 0 23	00 9 00	13 5 09			0 / / 12	12 5 35	38 4 00	
Flying Cloudkiss	99 2 36	10 6 61	15 0 63	00 5 15	99 8 20	18 3 25	00 9 00	13 0 15			0 / / 18	12 6 70	30 2 02	
Dumra	99 2 41	10 6 70	15 0 69	00 4 09	99 6 20	18 3 24	08 9 00	73 2 22			05 0 15	..	30 2 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	813 182 25	...	520 150 16	156 075 41	586 062 44	757 167 0	969 287 47	247 485 / /	430 611 / /	678 725 / /	...	...	...
Dacca ...	00 00	016 168 50	...	500 132 16	149 884	585 091		765 203	243 502 / /	424 165 / /	668 761 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	016 130 62	...	500 150 68	165 020 / /	583 081 / /	755 135 / /	968 291 / /	...	...	...	...	...	...
Multan ...	00 00	006 030 20	...	500 110 45	104 026 / /	576 115 / /	745 191 / /	955 281 / /	241 358 / /	432 431 / /	701 441 / /	...	...	...
Peshawar ...	00 00	997 076 57	...	470 108 59	098 165 16	570 171 / /	731 293 / /	935 427 / /	205 477 / /	...	...	...	...	...
Quetta ...	00 00	024 056 61	...	...	125 040 / /	578 139 / /	744 257 / /	946 411 / /	...	...	...	...	...	...
Sargodha ...	00 00	997 110 68	...	500 145 81	136 021 59	572 181 / /	739 285 / /	932 391 / /	208 495 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_s DD								Max. Wind Speed	TROPOPAUSE
										$P_m P_m P_m$ dmdm fmfmfm	$P_T P_T P_T T_T T_T T_{aa}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	980 182 59	800 116 56	600 028 56	350 217 46								
Dacca ...	00 00	900 162 68	800 076 63	600 012 / /	350 235 / /	250 624 C3	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...		...								
Peshawar ...	00 00	...	...		...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 120	600 011 / /	380 325 / /	250 674 99	...	...	...	...	...	...	...	...
Sargodha ...				...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	360 12	005 13	030 11	045 18	065 07	240 06	200 13	—	...	020 25	020 15	045 12	305 02	230 02	030 11
Bogra ...	340 08	340 07	330 08	293 09	255 14	285 17	...	...	...	331 06	335 13	335 10	345 04	325 07	345 07
Chaklala ...	...	260 03	315 04	300 08	035 01	265 01	265 19	260 39	275 19	...	070 03	070 03	270 06	280 06	...
Chhor ...	310 03	075 03	075 03	290 01	340 05	300 01	275 14	275 15	275 14	075 09	075 06	055 04	015 03	330 03	020 11
Chittagong ...	345 13	345 10	360 06	055 04	080 04	090 02	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	328 07	320 07	320 06	340 04	345 04	340 05	...	...	...	011 17	010 15	035 05	045 06	315 03	240 06
Dacca ...	005 06	010 10	010 09	010 07	015 05	255 07	...	...	...	345 13	345 13	345 09	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	160 04	205 07	205 14	255 40
D. I. Khan ...	170 05	165 04	100 05	135 07	170 03	240 07	260 20	270 20	260 00	040 06	030 07	100 08	285 03	120 06	140 03
Dreeh ...	...	...	...	140 01	050 03	050 07	170 07	185 02	190 05	...	...	...	300 01	035 03	020 05
Fort Sandeman ...	..	..	...	020 04	090 00	100 06	265 25	270 25	260 67	...	...	...	100 01	280 14	290 08
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	355 18	355 13	320 10	305 09	270 09	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	360 02	280 01	145 03	225 11	235 17	255 17	...	...	...	360 06	340 03	275 02	270 04	245 01	260 09
Jessore ...	020 12	020 11	025 10	050 14	090 04	325 12	265 15	260 24	260 25	010 23	010 19	360 15	315 01	210 08	255 04
Jhelum ...	190 13	255 04	310 12	345 08	300 06	300 14	275 18	250 12	250 18	350 07	300 08	310 11	290 08	295 01	290 12
Jiwani ...	175 04	205 02	275 03	230 10	210 16	250 15	260 16	...	...	200 04	135 07	085 07	230 15	245 10	...
Karachi ...	090 02	075 02	065 04	095 01	180 02	185 02	270 09	275 10	270 10	...	...	...	...	...	...
Khanpur ...	105 03	125 02	160 02	260 05	305 09	195 14	155 09	190 13	215 23	020 13	025 11	020 10	340 16	320 17	315 12
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	240 04	245 01	265 10
Lahore ...	305 04	305 01	315 04	340 06	325 07	330 07	300 13	275 18	265 17	315 08	315 00	325 10	340 07	315 09	300 06
Multan ...	180 05	305 03	205 06	180 04	180 06	260 13	270 08	260 13	260 15	185 03	215 03	210 04	240 08	230 12	255 18
Nawab Shah ...	035 03	060 04	135 04	225 03	280 14	285 10	270 18	255 12	045 12	020 13	025 09	070 06	210 06	205 06	280 07
Nokkundi ...	...	...	090 09	135 03	250 19	245 13	245 25	245 38	245 41	...	...	305 07	350 06	280 17	310 12
Panjgur ...	...	...	...	...	...	...	...	...	...	...	355 06	905 06	160 04	100 02	240 24
Peshawar ...	...	090 52	155 02	170 03	210 03	255 07	275 14	260 13	250 54	...	...	...	095 07	130 13	200 20
Parachinar ...	...	...	...	250 08	130 06	275 31	260 11	280 12	285 11	...	...	...	265 05	105 02	...
Quetta ...	...	...	...	...	170 12	240 19	245 12	...	...	...	...	...	...	...	...
Sargodha ...	240 03	280 02	300 03	330 12	340 01	275 15	280 19	260 17	265 18	280 07	290 04	290 04	305 04	255 10	220 11
Skardu ...	...	...	...	...	...	...	...	...	...	355 18	355 13	320 13	305 09	275 09	...
Sylhet ...	280 05	270 05	255 04	270 03	275 05	...	...	...	...	040 68	025 06	320 05	200 07	025 06	275 17
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	350 12	015 16	101 51	101 17	101 07	275 03	250 16	285 16	275 20	290 27	255 34
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	075 01	150 02	270 03	225 05	210 09	230 04	...	...	...	...
Chhor ...	065 04	045 06	040 06	085 06	005 04	350 06	285 11	285 14	285 10	...	...
Chittagong ...	255 10	010 13	010 11	055 07	205 09	235 17	260 49	270 52	255 16	255 45	255 74
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	025 17	110 06	090 09	165 02	205 02	340 05	285 02	285 17	290 27	...	...
Dacca ...	350 08	330 06	320 07	255 04	225 06	255 04	280 12	280 17	280 12	270 25	260 32
Dalbandin ...	...	...	255 05	190 14	220 15	245 19	270 25	260 31	260 42	265 66	276 01
D. I. Khan ...	175 04	185 03	190 03	185 03	165 03	205 04	225 13	225 19	255 13	260 19	260 45
Dreeh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	255 06	330 05	345 06	230 17	225 27	240 38	255 44	250 66
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	130 09	100 05	125 05	180 08	205 09	270 01	245 13	240 13	240 37	260 17	260 39
Jacobabad ...	345 12	335 13	335 12	255 07	250 10	290 10	270 17	285 32	270 47	270 37	275 49
Jessore ...	045 03	280 06	205 08	265 07	028 04	...	...	...	...	...	...
Jhelum ...	020 07	100 03	120 03	230 15	100 12	260 15	225 15	...	...	...	...
Jiwani ...	980 15	110 13	115 19	105 02	245 02	175 06	250 08	300 14	290 17	...	...
Karachi ...	115 24	235 21	240 28	045 03	260 33	215 18	260 58	260 30	265 18	255 34	275 77
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	259 06	275 08	295 08	310 06	300 06	280 09	255 16	260 27	255 17	255 25	265 58
Lahore ...	155 70	185 11	175 11	175 04	240 17	225 02	220 13	220 12	160 24	250 52	245 82
Multan ...	010 07	045 07	060 06	210 02	175 06	265 12	280 14	201 25	285 15	285 13	...
Nawab Shah ...	...	...	100 17	110 22	190 26	245 21	305 13	305 11	260 18	240 30	...
Nokkundi ...	...	...	...	...	230 22	240 12	255 14	260 20	275 41	...	...
Panjgur ...	...	185 02	140 02	275 04	190 05	150 06	255 13	245 90	...	...	...
Peshawar ...	...	...	...	195 06	125 06	280 23	261 15	245 47	265 12	265 33	267 70
Parachinar ...	...	...	...	...	170 03	255 13	250 24	255 37	255 14	...	...
Quetta ...	...	...	210 04	235 04	250 08	285 11	245 23	250 24	265 13	...	...
Sargodha ...	280 03	240 06	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	360 05	345 07	300 05	290 02	070 03	300 06	270 29	275 25	260 19	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	C40 16	280 10	09. 09	105 05	185 39	205 11	285 23	270 19	285 39	280 35	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIIii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

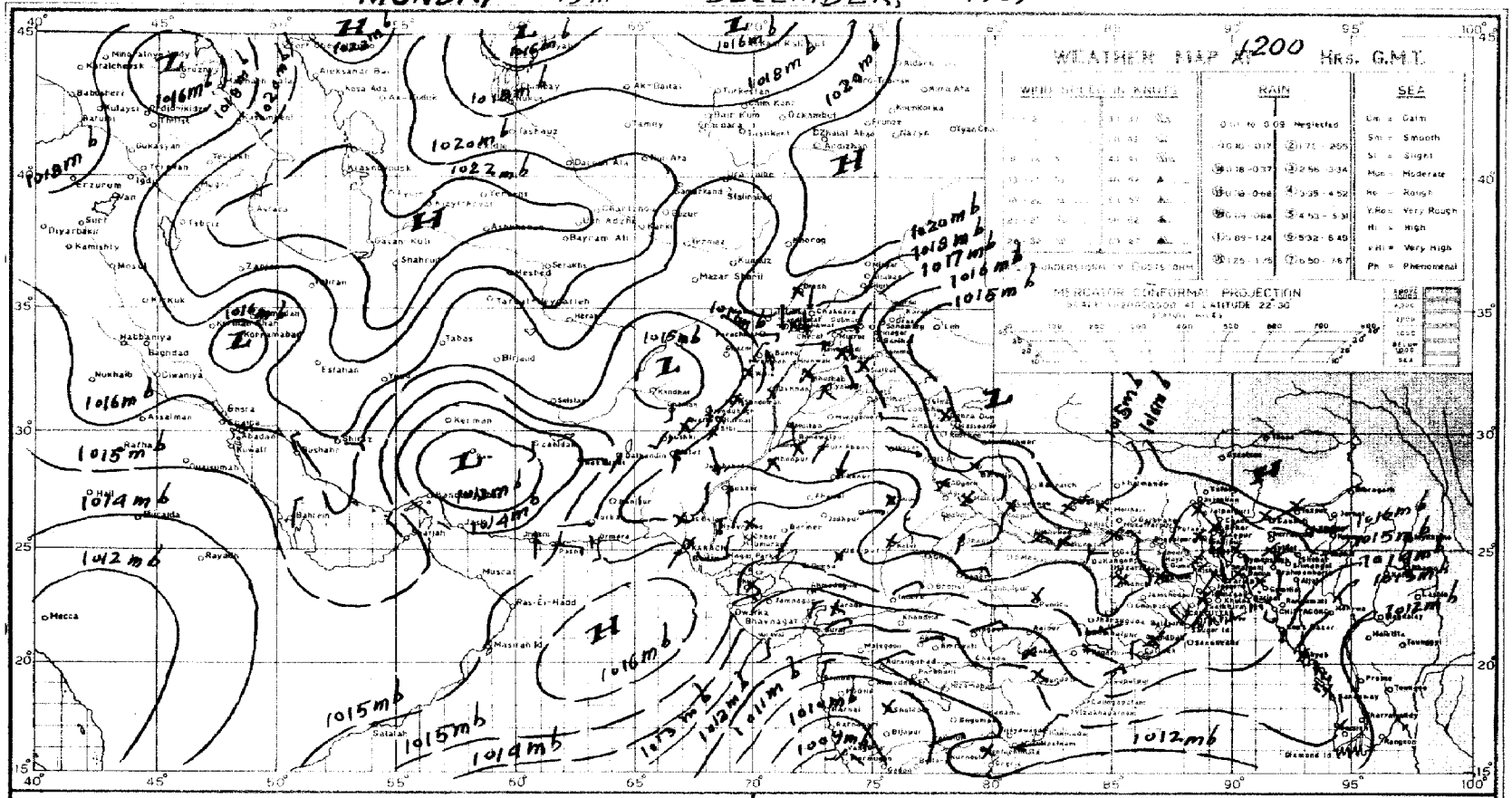
† The actual time of observations may vary within half an hour of the specified time.

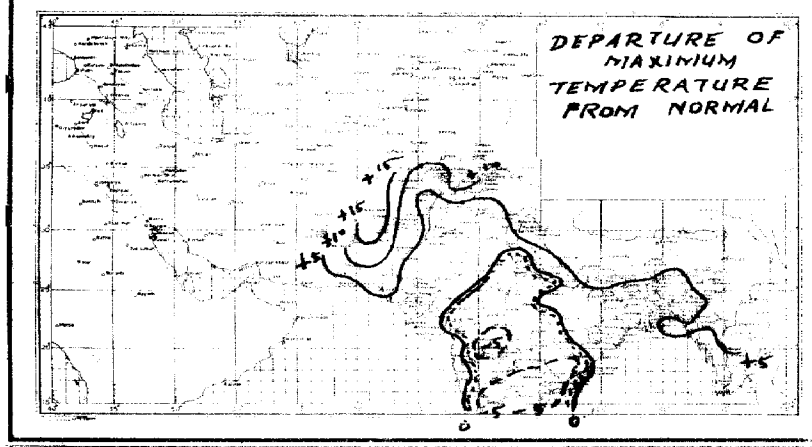
* The first two figures in each column give the wind direction "dd" in tens of degree running from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

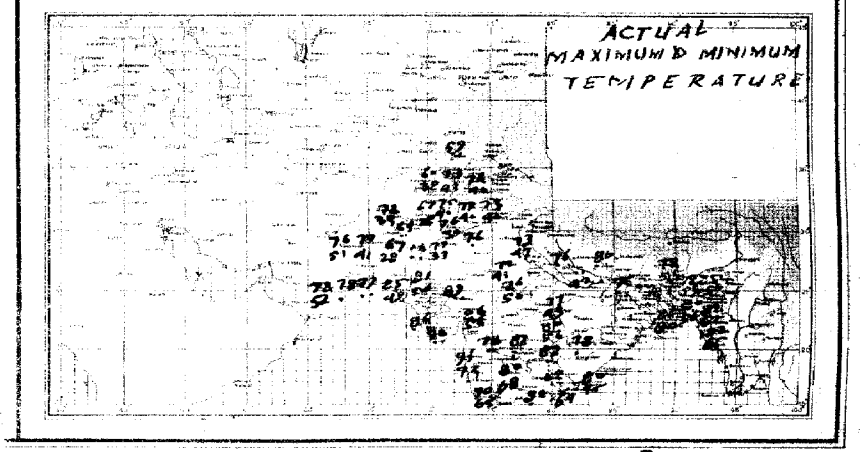
The accuracy of individual stations in this report cannot not be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port .KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 15th DECEMBER, 1969



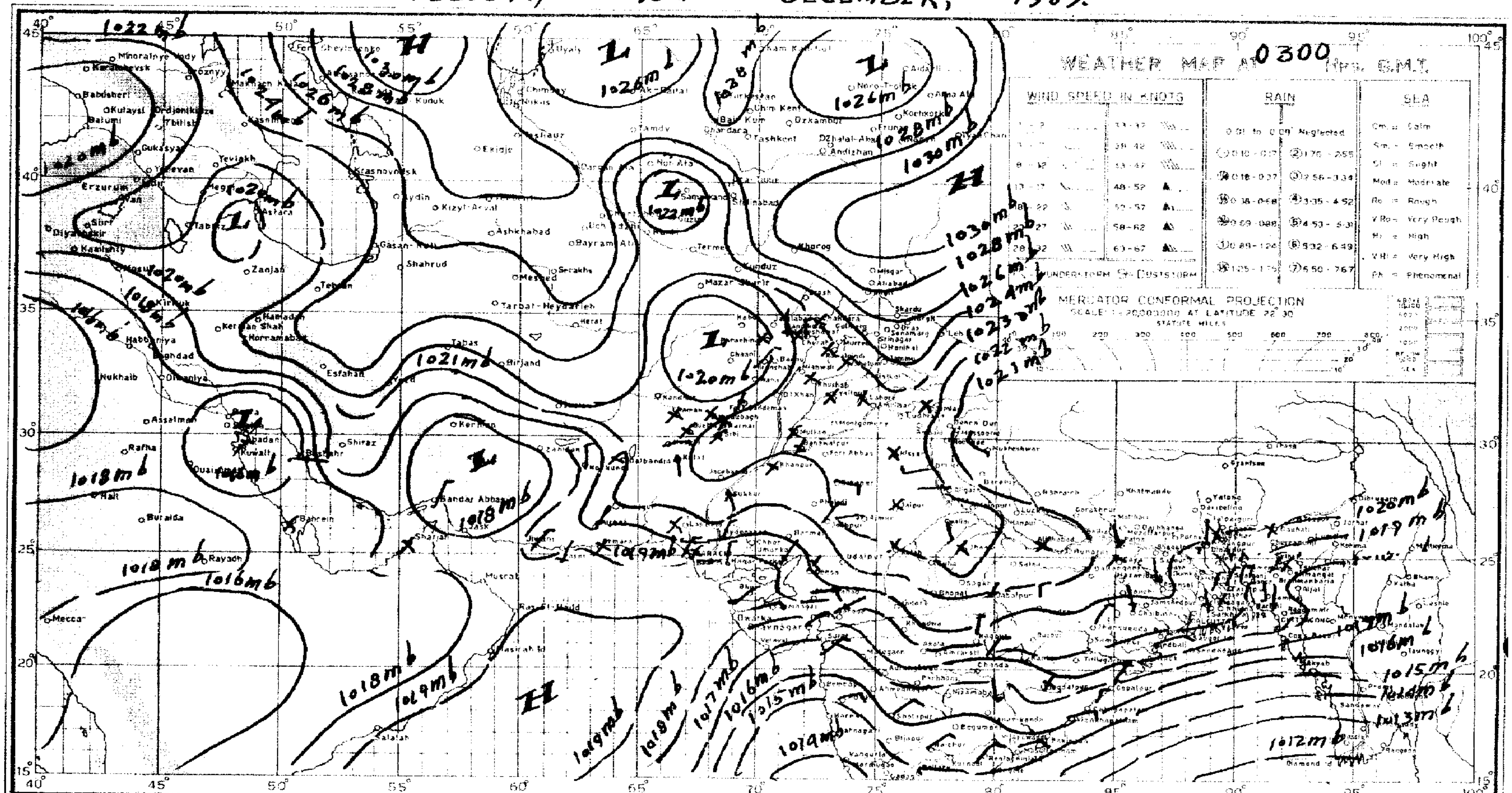


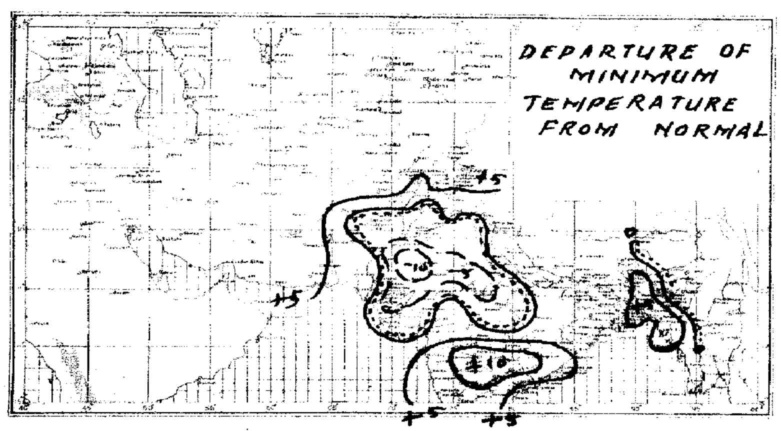


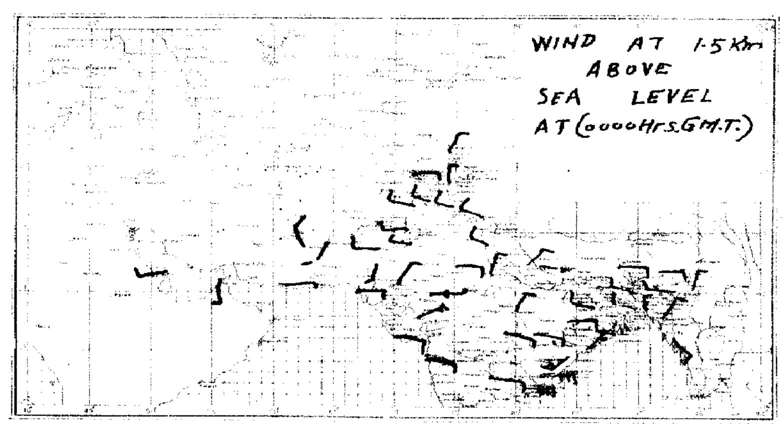
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 16th DECEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 17th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secondary western disturbance over northeast Afghanistan now lies as a trough of low pressure area over Rawalpindi division and adjoining Kashmir. Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) below normal in Sargodha, Multan, Bahawalpur and Hyderabad divisions and were to the same extent above normal in Peshawar, Quetta, Karachi divisions and in East Pakistan outside Dacca division.

Forecast valid until the evening of 18th December 1969 :—Weather will remain mainly dry over the country.

Karachi-11
The 17th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) ● (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 Between	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	—	000	0	0	36	02	//	60	0	145	76	0	0	9	0	0	67	85	000	2	0	36	02	97	01	4	19	66	1	1	7	8	0	60	62	—	—	1.5	—	102.4	—
	Cox's Bazar	—	000	0	2	36	05	//	02	0	135	77	0	0	9	2	0	64	82	000	0	1	36	08	96	04	2	180	73	2	2	4	3	0	58	65	+ 3	+ 7	0.7	— 3.3	91.9	145
	Chittagong	—	000	0	2	31	02	//	02	0	139	76	2	0	9	3	0	67	82	000	0	2	36	03	96	02	1	186	69	2	0	9	3	0	59	59	+ 4	+ 3	1.2	— 1.5	105.2	103
	Maijdee Court	—	000	9	0	00	00	97	03	0	143	73	0	0	9	3	0	58	80	000	6	0	36	02	97	00	0	178	68	0	0	9	0	0	54	58	+ 2	0	0.4	— 1.4	128.6	[illegible]
	Comilla	—	000	0	0	00	00	96	02	0	146	77	0	0	9	0	0	59	85	000	0	0	00	00	96	02	0	181	65	0	0	9	0	0	56	62	+ 8	+ 8	0.5	— 1.1	104.2	94
	Brahmanbaria	—	000	0	0	00	00	//	00	0	147	72	0	0	9	0	0	64	80	000	0	0	00	00	96	04	0	185	69	0	0	9	0	0	62	58	—	—	1.3	— 0.1	55.1	78
	Sylhet	—	000	0	0	27	03	//	01	0	145	72	0	0	9	0	0	51	82	000	0	0	35	05	97	02	0	188	55	0	0	9	0	0	56	50	—	—	1.5	—	149.7	98
	Srimangal	—	000	0	0	00	00	//	00	0	149	62	0	0	9	0	0	59	82	000	0	0	00	00	96	00	0	179	64	0	0	9	0	0	60	49	+ 1	+ 4	1.5	— 0.1	84.5	91
Dacca	Mymensingh	—	000	0	0	00	00	//	00	0	150	64	0	0	9	0	0	59	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	...	...	...	...	74
	Narayanganj	—	000	0	0	31	02	//	00	0	144	73	0	0	9	0	0	60	82	000	0	0	31	02	98	00	0	173	64	0	0	9	0	0	51	58	+ 5	+ 1	1.3	+ 0.2	82.1	—
	Dacca (Tejgaon)	—	000	0	0	00	00	96	02	0	150	72	0	0	9	0	0	59	80	000	0	0	31	05	94	02	0	173	64	0	0	9	0	0	49	56	—	—	1.3	—	65.9	71
	Faridpur	—	000	0	0	34	02	93	00	0	122	72	0	0	9	0	0	59	78	000	0	0	34	06	97	00	0	177	68	0	0	9	0	0	60	54	+ 5	0	—	—	—	81
Khulna	Barisal	—	000	0	0	00	00	//	00	0	146	72	0	0	9	0	0	58	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	...	...	...	...	68
	Khulna	—	000	0	0	00	00	97	00	0	140	76	0	0	9	0	0	76	85	000	0	0	00	00	97	00	0	186	73	0	0	9	0	0	60	64	+ 3	+ 9	0.9	— 0.2	75.2	65
	Satkhira	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	196	64	0	0	9	0	0	51	54		+ 2	0.2	— 1.7	61.7	65
	Jessore	—	000	0	1	33	05	97	02	0	154	70	1	0	9	4	0	51	80	000	0	0	23	04	96	05	4	191	62	0	0	9	0	0	//	50	—	—	1.1	— 0.0	62.5	59
Rajshahi	Pabna	—	000	0	9	00	00	//	02	0	145	72	/	/	/	/	/	54	78	000	0		31	02	97	02	0	192	65	0	0	9	0	0	45	54	—	—	1.0	—	66.3	64
	Sirajganj	—	000	0	0	36	01	//	00	0	143	72	0	0	9	0	0	58	78	000	0	0	09	02	97	00	0	196	64	0	0	9	0	0	59	54	+ 1	+ 1	0.3	— 0.4	56.6	—
	Rajshahi	—	000	0	0	00	00	94	02	0	140	68	0	0	9	0	0	54	78	000	0	0	31	03	97	02	0	198	62	0	0	9	0	0	54	54	+ 2	+ 1	—	—	—	69
	Bogra	—	000	0	0	00	00	//	02	0	152	78	0	0	9	0	0	54	78	000	0	0	31	08	96	02	0	184	62	5	1	9	0	0	53	53	+ 2	0	—	—	—	72
	Dinajpur	—	000	0	0	00	00	//	00	0	153	70	0	0	9	0	0	59	71	000	0	0	31	02	96	00	0	191	64	0	0	9	0	0	51	54	—	+ 1	0.8	— 0.1	96.5	84
	Rangpur	—	000	0	0	00	00	96	01	0	134	67	0	0	9	0	0	60	60	000	0	0	00	00	96	01	0	191	64	0	0	9	0	0	60	54	+ 2	+ 3	1.5	+ 1.0	87.5	—
Kashmir	Jammu	—	000	0	0	00	00	95	02	0	159	67	0	0	9	0	0	40	73	000	0	0	00	00	95	05	0	218	45	0	0	9	0	0	35	41	+ 1	+ 3	0.0	— 0.3	18.0	19
Lahore	Lahore (Ish Rd.)	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	185	50	0	0	9	0	0	49	31		— 8	—	—	—	32
	Sialkot	—	000	0	0	00	00	96	02	0	188	64	0	0	9	0	0	43	75	000	0	1	00	00	96	01	1	226	47	0	1	9	0	3	35	41	—	—	0.0	—	31.2	—
Rawalpindi	Jhelum	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34
	Islamabad	—	000	2	00	00	98	00	0	167	62	0	0	9	4	0	40	71	000	0	1	00	00	96	10	0	233	38	1	0	9	3	0	38	38	+ 5	+ 1	0.2	— 0.6	33.6	—
	Rawalpindi	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
	Campbellpur	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Sargodha	Khushab	—	000	0	0	00	//	98	00	0	189	73	1	0	9	0	0	58	76	000	0	0	00	//	98	00	0	213	38	0	0	9	0	0	33	35	+ 5	— 6	0.0	— 0.2	7.8	—
	Sargodha	—	000	0	0	00	00	97	02	0	191	67	0	0	9	0	0	49	75	000	0	0	27	01	96	04	0	217	40	0	0	9	0	0	38	37	—	—	0.1	—	20.2	12
	Lyallpur	—	000	0	0	29	02	96	00	0	192	69	0	0	9	0	0	45	74	000	0	0	00	00	95	00	0	219	47	0	0	9	0	0	40	43	+ 5	+ 2	0.0	— 0.2	7.7	18
Multan	Sahiwal	—	000	0	0	18	03	97	02	0	182	72	0	0	9	0	0	40	76	000	0	0	00	00	94	10	0	222	41	0	0	9	0	0	35	38	+ 6	— 4	0.0	— 0.2	11.3	7
	Multan	—	000	0	0	36	00	94	00	0	149	78	0	0	9	0	0	36	78	000	0	0	00	00	92	00	0	173	49	0	0	9	0	0	33	35	—	—	0.0	—	2.8	8
	Laiah	—	000	0	0	00	00	97	02	0	185	73	0	0	9	0	0	29	78	000	0	0	00	00	96	02	0	230	43	0	0	9	0	0	35	35	+ 3	— 6	0.3	+ 0.1	1.4	6
Bahawalpur	Khanpur	—	000	0	0	00	00	96	00	0	201	73	0	0	9	0	0	26	82	000	0	0	00	00	96	00	0	235	54	0	0	9	0	0	40	43	+ 9	0	0.0	— 0.1	2.0	8
	Bahawalpur	—	000	0	0	23	02	98	00	0	180	73	0	0	9	0	0	66	76	000	0	0	05	05	98	00	0	124	58	0	0	9	0	0	46	58	—	—	—	—	—	11
	Fort Abbas	—	000	0	0	00	00	97	02	0	179	64	0	0	9	0	0	36	64	000	0	0	00	00	98	02	0	240	40	0	0	9	0	0	29	35	—	—	0.0	—	23.2	11
Peshawar	Chakdara	—	000	0	0	36	02	98	02	0	196	64	0	0	9	0	0	43	70	000	0	0	18	02	97	01	0	///	//	0	0	9	0	0	//	42	+ 4	+ 2	0.5	— 0.0	14.8	—
	Peshawar	—	000	0	1	00	00	98	04	1	196	63	1	1	6	3	0	43	69	000	0	0	36	03	98	00	0	231	46	0	0	9	0	0	28	42	—	—	—	—	—	11
	Haripur	—	000	0	0	13	02	98	00	0	186	64	0	0	9	0	0	36	73	000	0	0	31	02	95	00	0	232	47	0	0	9	0	0	30	43	—	—	—	—	—	9
D. I. Khan	Bannu	—	000	0	2	00	00	99	01	1	184	68	0	0	9	4	0	41	73	000	0	0	00	00	97	02	0	224	45	0	0	9	0	0	25	45	+ 3	+ 5	0.0	— 0.3	6.0	5
	D. I. Khan	—	000	0	0	00	00	97	02	0	192	66	0	0	9	0	0	42	74	000	0	0	00	00	97	02	0	238	44	0	0	9	0	0	34	43	—	—	0.0	—	0.2	3
Quetta	Sibi	—	000	0	0	00	00	97	02	0	192	74	0	0	9	0	0	33	73	000	0	0	00	00	97	02	0	238	44	0	0	9	0	0	27	49	—	—	0.0	—	0.3	—
	Nokkundi	—	000	0	0	13	03	97	02	0	136	74	0	0	9	0	0	36	//	000	0	0	36	03	97	02	0	206	52	0	0	9	0	0	36	//	—	—	0.0	—	2.0	5
Kalat	Turbat	—	000	0	0	27	02	96	00	0	134	82	0	0	9	0	0	47	83	000	0	0	09	02	96	00	0	///	36	0	0	9	0	0	60	61	—	—	0.0	—	2.0	6
	Jiwani	—	000	0	1	18	03	96	02	0	175	75	1	5	6	0	0	58	79	000	0	0	00	00	96	02	0	213	64	0	0	9	0	0	56	//	—	—	0.0	— 0.8	0.2	—
	pasni	—	000	0	0	11	02	97	02	0	184	76	0	0	9	0	0	67	76	000	0	0	23	02	97	02	0	209	58	0	0	9	0	0	57	//		1	0.0			6
Karachi division	Ormara	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	//	02	0	210	59	0	0	9	0	0	52	42	—	—	0.0	— 0.1	0.6	8
	Lasbela	—	000	0	0	00	00	98	00	0	169	85	0	0	9	0	0	65	88	000	0	0	00	00	97	02	0	208	52	0	0	9	0	0	45	49	—	—	0.0	—	0.7	8
	Karachi (Manora)	—	000	0	0	00	00	97	02	0	170	78	0	0	9	0	0	56	88	000	0	0	36	03	96	02	0	203	63	0	0	9	0	0	38	62	+ 11	+ 3	0.0	— 0.2	1.1	—
	Karachi (Airport)	—	000	0	0	05	03	96	02	0	169	82	0	0	9	0	0	28	84	000	0	0	00	00	96	02	0	209	54	0	0	9	0	0	29	52	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	—	000	0	0	05	02	97	02	0	137	81	0	0	9	0	0	81	89	000	0	0	05	02	97	02	0	224	65	0	0	9	0	0	33	45	—	—	—	—	—	7
	Chhor	—	000	0	0	36	05	96	02	0	166	79	0	0	9	0	0	31	..	000	0	0	09	03	96	02	0	207	48	0	0	9	0	0	37	54	+ 2	— 2	0.0	— 0.4	0.3	9
	Hyderabad	—	000	0	0	36	02	97	02	0	163	75	0	0	9	0	0	40	72	000	0	0	00	00	97	02	0	217	57	0	0	9	0	0	39	46	+ 3	— 5	0.0	— 0.2	0.3	—
	Badin	—	000	0	0	36	04	97	02	0	164	78	0	0	9	0	0	43	83	000	0	0	36	08	96	02	0	183	48	0	0	9	0	0	34	41	—	—	0.0	—	0.8	4
Khairpur	Padidan	—	000	0	0	13	03	97	02	0	184	75	0	0	9	0	0	37	76	000	0	0	31	02	96	02	0	230	43	0	0	9	0	0	39	44	—	—	0.0	—	0.2	—
	Nawabshah	—	000	0	0	36	05	96	02	0	180	75	0	0	9	0	0	44	78	000	0	0	31	08	96	02	0	231	47	0	0	9	0	0	43	48	—	—	0.0	—	0.1	4
	Sukkur	—	000	0	0	36	05	96	02	0	178	75	0	0	9	0	0	40	78	000	0	0	05	03	93	05	4	225	50	0	0	9	0	0								
	Kashmore	—	000	6	0	23	02	96	02	0																																
	Jacobabad	—	000	0	0	00	00	97	02	0	190	72	0	0	9	0	0	69	76	000	0	2	18	02	97	02	0	222	52	0	0	9	0	0	38	46	+ 2	+ 1	0.1	— 0.1	2.9	20
Junagadh	Veraval	—																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	● ...																																								71
	Gulmarg	●● ...																																								24
	Sonamarg	●● ...																																								3
	Dras	●● ...																																								6
	Leh	●● ...																																								—
	Skardu	● ...																																								—
	Misgar	●● ...																																								5
	Aliabad	● ...																																								39
	Gilgit	● ...																																								18
Rawalpindi	Murree	●● ..	000	0	6	07	03	97	01	1	523	51	3	5	4	5	0	20	56	000	0	5	09	03	97	02	1	553	49	3	5	4	5	0	12	43	+ 8	+ 9	0.9	— 0.6	41.0	29
Peshawar	Drosh	●● ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	02	97	02	0	601	40	0	0	9	0	0	21	40	—	+ 6	—	—	—	—
	Chitral	●● ...	000	0	0	36	01	98	00	2	545	56	0	0	9	0	0	64	60	000	0	0	36	21	98	00	0	566	54	0	0	9	0	0	50	50	+ 11	+ 8	0.4	— 0.5	15.0	—
	Chitral	●● ...	000	0	1	31	02	96	05	2	550	56	0	0	9	0	0	29	67	000	0	2	34	02	97	01	0	555	47	2	0	9	3	0	20	47	—	—	1.0	—	33.9	29
	Kakul	●● ...	000	0	4	05	05	98	01	4	530	55	4	3	9	7	0	25	70	000	0	1	00	00	96	10	0	233	38	0	0	9	3	0	35	38	—	—	0.7	—	13.7	19
	Landikotal	●● ...	000	0	5	20	03	99	02	1	553	54	2	3	6	3	0	25	60	000	0	0	05	02	//	02	0	566	38	0	0	9	0	0	14	//	—	/	0.6	—	22.2	11
	Prachinar	●● ...	000	0	0	05	05	99	00	0	522	65	0	0	9	0	0	51	68	000	0	0	05	05	99	00	0	508	40	0	0	9	0	0	38	35	—	—	0.0	— 0.4	2.0	11
D.I. Khan	Miranshah	●● ...	000	0	0	00	00	99	02	0	497	60	0	0	9	0	0	36	65	000	0	0	00	00	99	00	0	553	40	0	0	9	0	0	21	28	—	—	—	—	—	—
	Wana	●● ...	000	0	0	00	00	99	02	0	532	63	0	0	9	0	0	03	67	000	0	2	31	02	97	03	0	551	36	0	0	9	0	0	07	30	+ 9	— 1	0.0	— 0.4	6.5	9
Quetta	Fort Sandeman	●● ...	000	0	0	31	02	97	02	0	478	54	0	0	9	0	0	27	55	000	0	0	00	00	97	02	0	562	36	0	0	9	0	0	19	25	—	—	0.0	—	6.2	—
	Hindubagh	●● ...	000	0	0	16	03	90	02	0																																14
	Loralai	●● ...																																								9
	Barkhan	●● ...																																								—
	Harnai	●● ...	000	0	0	00	00	96	02	0	517	63	0	0	9	0	0	35	73	000	0	0	00	00	96	02	0	507	44	0	0	9	0	0	22	22	—	—	0.0	— 0.5	5.6	8
	Sarangli (Quetta)	●● ...	000	0	0	00	00	96	02	0	530	62	0	0	9	0	0	33	69	000	0	0	00	00	96	02	0	576	27	0	0	9	0	0	22	24	—	—	0.5	— 0.3	9.6	8
	Chaman	●● ...	000	0	0	27	05	97	00	0	533	69	0	0	9	0	0	33	72	000	0	0	09	03	97	00	0	538	53	0	0	9	0	0	29	//	+ 17	/	0.0	— 1.2	4.8	4
	Nushki	●● ...	000	0	0	00	00	97	02	0	500	73	0	0	9	0	0	40	74	000	0	0	07	05	97	02	0	591	57	0	0	9	0	0	29	56	—	—	0.0	—	2.7	7
	Dalbandin	●● ...	000	0	0	23	02	98	02	0	541	75	0	0	9	0	0	21	77	000	0	0	00	00	98	07	0	529	42	0	0	9	0	0	16	39	+ 14	+ 4	0.0	— 0.4	0.5	—
Kalat	Kalat	●● ...	000	0	0	23	02	96	00	2	514	61	0	0	9	8	0	11	67	000	0	0	16	02	96	00	2	567	36	0	0	9	0	0	10	25	+ 13	— 11	0.0	— 0.7	2.3	5
	Khuzdar	●● ...	000	0	0	13	02	97	02	0	530	69	0	0	9	0	0	25	71	000	0	0	27	02	96	02	0	547	44	0	0	9	0	0	22	41	—	—	—	—	—	—
	Panjgur	●● ...	000	0	0	23	05	96	02	0	541	74	0	0	9	0	0	37	74	000	0	0	05	02	96	02	0	541	44	0	0	9	0	0	25	41	+ 14	+ 2	0.0	—	0.2	—

† Given in Code.

● These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

●● These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 17th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hshs	0TsTsTdTd	1TwTwTwT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Taviobank	99 2 33	10 6 63	16 0 63	00 3 14	99 0 00	20 2 28	// / /	13 4 26			00 0 12	13 6 95	03 1 02	04 5 01
...														
... ...														

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb	850 mb hhh TTTa DD	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	014 174 12	...	510 180 17	122 030 39	578 131 28	745 211 14	949 349 //		...	...	...	...	...
Dacca ...	00 00	016 174 58	...	485 112 62	116 054 61	578 125 63	746 215 63	953 333 62	226 531 //	416 647 //	647 771 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	017 130 60	...	400 044 41	967 045 //	556 161 //	722 255 //	925 371 //	197 505 //	...	...	...	...	—
Multan ...	00 00	006 050 40	...	500 080 30	102 015 //	571 145 //	737 251 //	941 351 //	...	...	...	...	...	—
Peshawar ...	00 00	980 062 56	...	580 060 //	059 015 16	567 153 //	735 231 //	940 333 //	215 483 //	403 535 //	—	...	—	...
Quetta ...	00 00	826 092 66	...	/// /// //	137 002 //	573 201 //	735 315 //	914 429 //	...	...	...	...	—	—
Sargodha ...	00 00	998 095 59	...	450 080 50	176 020 58	567 171 //	731 275 //	932 411 //	203 501 //	388 561 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 134 35	800 074 34	600 027 26	450 211 4/	350 263 //	...	...	...	...	350 285 62	-	—
Dacca ...	00 00	...	...	...	...	...	—	...	...	...	306 271 07	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	—	...	...	...	...	—	...	—
Multan ...	00 00	..	...	-	...	...	...	...	...	...	—	...	...
Peshawar ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 082 //	698 000 //	600 91 //	350 363 //	309 417 //	...	...	...	...	...	...	...
Sargodha ...				...	..	...	...	...	...	...	...	...	—

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	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	-	...	...	...	-	...
Bogra ...	315 09	320 09	325 05	265 05	275 08	290 17	...	...	...
Chaklala —	...	255 06	280 05	270 06	235 07	225 07	...	...	...
Chhor —	005 06	015 07	015 06	050 01	320 04	335 03	280 04	270 18	270 11
Chittagong —	150 09	355 08	360 06	195 13	235 13	260 11	...	..	..
Cherat ...	...	...	...	-	...	...	..	...	...
Cox's Bazar —	335 05	330 03	360 03	270 09	-	...	.	...	...
Dacca —	295 07	310 05	310 05	260 06	255 09	275 11	290 12	..	.
Dalbandin —	...	...	285 04	245 05	255 09	245 18	245 29	255 36	260 45
D. I. Khan —	150 02	150 03	150 03	190 01	240 02	265 05	280 19	260 27	260 27
Drosh —	...	...	...	035 02	050 09	050 09	165 14	...	...
Fort Sandeman —	-	-	...	295 01	220 05	205 07	255 14	245 31	...
Gilgit ...	...	...	-	...	...	...	...	...	...
Ishurdi ...	335 12	230 11	325 15	300 11	270 14	285 12	305 27	...	..
Jacobabad —	250 02	185 02	205 02	230 06	240 17	255 20	285 23	260 03	255 39
Jessore —	355 12	330 10	/// //	290 10	260 13	290 01	...	...	...
Jhelum —	280 05	305 08	305 10	310 08	270 04	260 17	260 24	255 27	255 33
Jiwani —	165 04	245 01	045 03	170 05	200 09	260 10	265 19	270 24	275 36
Karachi —	070 06	050 08	050 08	070 03	195 06	260 03	315 08	280 12	285 15
Khanpur —	020 09	005 10	005 09	345 10	005 10	075 11	345 23	315 25	225 23
Khuzdar ...	...	..	.	205 04	240 09	260 13	275 24	260 32	275 33
Lahore ...	310 12	310 12	310 13	310 14	315 16	320 11	285 12	265 13	265 14
Multan ...	150 06	200 04	200 02	235 08	255 15	265 15	280 27	275 37	265 40
Nawab Shah ...	005 06	065 06	195 04	285 03	295 08	265 08	275 19	280 21	295 25
Nokkundi ...	...	...	135 06	080 02	260 15	240 23	240 25	265 30	..
Panjgur ...	-	.	...	225 10	220 12	280 09	255 22	260 30	270 34
Peshawar ...	...	150 02	080 01	200 03	355 01	260 04	255 17	265 29	265 42
Parachinar ...	...	...	...	100 02	120 04	...	250 03		..
Quetta ...	...	..	...	...	265 08	275 12	290 21	295 27	295 52
Sargodha ...	235 03	265 02	265 03	285 01	265 07	235 09	265 24	275 34	275 40
Skardu ...	...	..	..	...	...	...	..	...	...
Sylhet ...	280 13	270 11	270 10	225 06	080 06	245 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 1	11	12	13	14	15	16
Barisal ...	...	...		...	...	...
Bogra ...	335 15	345 11	335 07	080 08	315 03	300 25
Chaklala —	...	065 01	035 03	005 03	335 10	260 07
Chhor —	080 12	085 08	040 08	015 11	005 05	320 03
Chittagong —	...	...	...	...	...	...
Cherat ...	...	...		...	...	..
Cox's Bazar —	010 08	015 07	025 06	360 06	025 05	...
Dacca —	315 12	315 11	295 10	250 08	260 11	285 25
Dalbandin —	-	...	075 12	205 09	205 12	230 24
D. I. Khan —	015 06	035 05	055 04	130 04	110 03	045 10
Drosh —	...	...	...	070 02	280 02	160 02
Fort Sandeman —	...	.	...	203 04	250 09	280 19
Gilgit ...			.	115 12	225 02	210 02
Ishurdi ...	355 21	325 03	280 03	295 12	290 20	300 45
Jacobabad —	325 09	340 03	270 03	250 07	365 07	280 10
Jessore —	340 13	340 13	340 13	310 13	305 15	305 21
Jhelum —	300 12	310 13	320 10	295 08	285 08	...
Jiwani —	360 03	145 01	080 10	170 07	190 06	200 12
Karachi —	...			...	...	
Khanpur —	020 08	010 08	005 10	020 09	055 09	960 12
Khuzdar ...		...		245 04	255 07	265 14
Lahore ...	305 10	320 12	325 13	320 13	325 11	265 15
Multan ...	290 07	320 02	340 03	265 06	235 11	220 13
Nawab Shah ...	035 12	040 07	075 04	320 02	315 02	195 07
Nokkundi ...	...	...	315 07	335 03	350 09	005 14
Panjgur ...	...			180 13	210 17	245 26
Peshawar ...	...	310 04	240 04	200 04	330 03	285 05
Parachinar ...	..	...	...	225 03	080 03	.
Quetta ...			...	...	-	...
Sargodha ...	295 08	305 05	050 04	305 04	265 06	265 04
Skardu ...	...	...	...	020 51	350 02	
Sylhet ...	085 08	060 03	125 03	125 04	265 07	270 24
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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	335 07	320 12	320 16	285 13	260 15	300 21	290 22	280 24	..	...	...
Bogra ...	335 04	360 07	015 06	040 09	035 08	295 29	270 36	...	...		.
Chaklala —	...	055 03	025 01	265 01	305 04	300 04	280 08	288 08	350 07	300 18	280 43
Chhor —	065 09	060 09	080 11	075 10	030 05	350 06	032 06	230 13	..	..	..
Chittagong —	...	-	...	..	...	...	-	..	...	...	...
Cherat ...	...	...				...	...	...	..	...	-
Cox's Bazar —	355 04	360 06	010 07	025 10	045 13					...	...
Dacca —	315 13	280 12	240 10	275 09	260 22	285 23	285 23	290 28	290 28	280 35	290 44
Dalbandin —	...	-	090 05	205 11	225 16	235 25	255 31	.	..	..	-
D. I. Khan —	...	...	..	..	..	—	-	...	...	..	—
Drosh —	-	...	...	...	...	...	..	...	...	—	...
Fort Sandeman —	...	...	-	220 03	345 06	260 21	255 24	275 46	...	—	—
Gilgit ...		...			...	...	.	..	...	...	...
Ishurdi ...	325 04	320 05	010 05	030 03	310 17	290 37	260 34		...	...	
Jacobabad —	140 03	205 04	225 00	235 05	240 05	235 10	285 15	280 19	280 25	270 32	275 58
Jessore —	275 08	275 12	280 21	285 11	310 19	295 19	300 22	300 29	290 29	..	...
Jhelum —	310 07	305 13	300 10	335 06	320 07	260 12	275 21	290 38	210 39	295 45	280 59
Jiwani —	005 03	055 06	080 09	155 08	125 09	195 13	260 20	250 20	250 23	—	...
Karachi —	975 06	070 07	085 08	055 05	075 03	360 02	310 13	270 18	240 13	—	—
Khanpur —	155 08	155 08	155 08	090 10	285 19	270 19	265 21	215 24	210 23	250 24	290 33
Khuzdar ...	.	...	...	040 07	240 08	250 10	275 14	280 16	270 15	—	—
Lahore ...	315 11	305 15	300 16	320 15	330 11	275 09	280 18	30 35	300 41	300 49	300 59
Multan ...	245 14	275 12	/// //	295 07	320 08	280 08	285 34	265 38	265 44	285 57	-
Nawab Shah ...	025 06	070 05	095 05	175 01	160 03	335 07	285 15	265 21	255 22	...	—
Nokkundi ...	...		090 15	150 07	220 13	245 23	235 19	245 29	245 34	...	—
Panjgur ...	...		...	195 07	230 14	220 15	240 21	265 28	265 33	...	—
Peshawar ...	...	135 05	295 02	325 10	310 03	270 05	275 34	275 34	275 33	280 52	265 64
Parachinar ...	...	...	...	250 06	175 01	275 28	260 38	/// //	275 59	...	..
Quetta ...	...	...	-	...	120 04	235 18	260 26	255 34	..		..
Sargodha ...	260 03	310 05	310 07	315 05	280 08	255 14	280 26	255 30	275 35	290 53	280 53
Skardu ...	..	...	..	205 02	030 03		...	..	...		
Sylhet ...	085 06	075 04	170 04	160 07	240 14	260 19	280 39	270 35	...	..	..
Veraval ...		...	...	...	...			...	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	065 15	070 15	075 14	095 12	075 07	355 07	305 11	305 11	285 14	290 21	295 31	70 53	265 58	250 61	...	...	..	..
Multan ...	320 02	320 02	335 03	295 12	275 10	280 14	305 24	295 35	300 43	300 51	295 81	285 72	295 87					
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

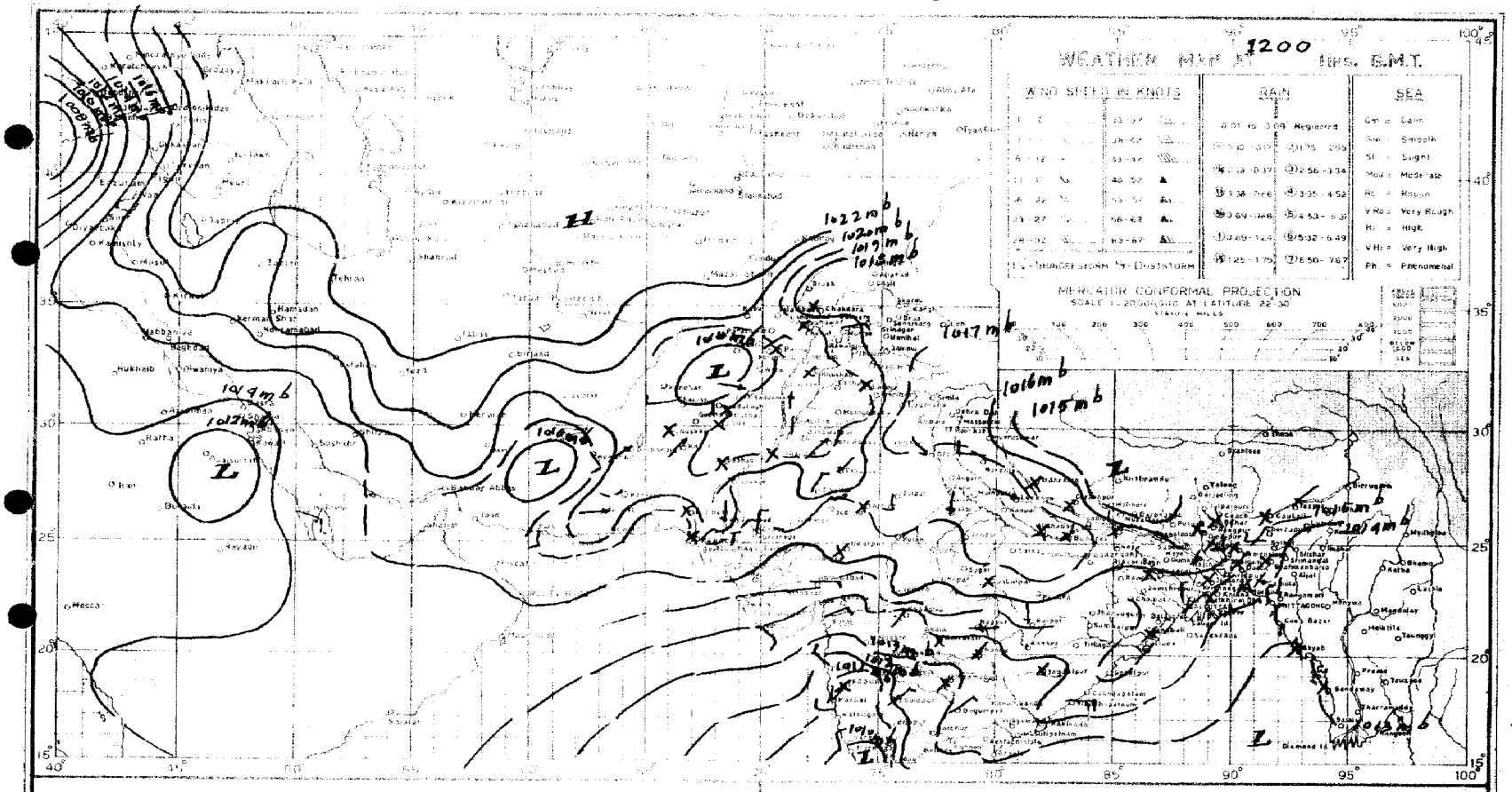
† The actual time of observations may vary within half an hour of the specified time.

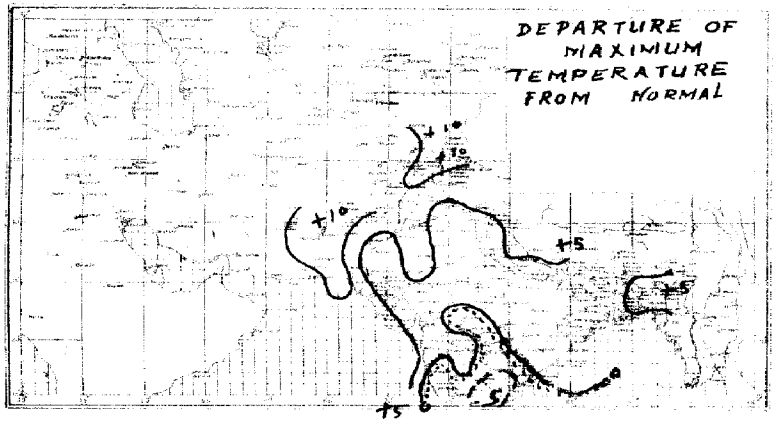
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

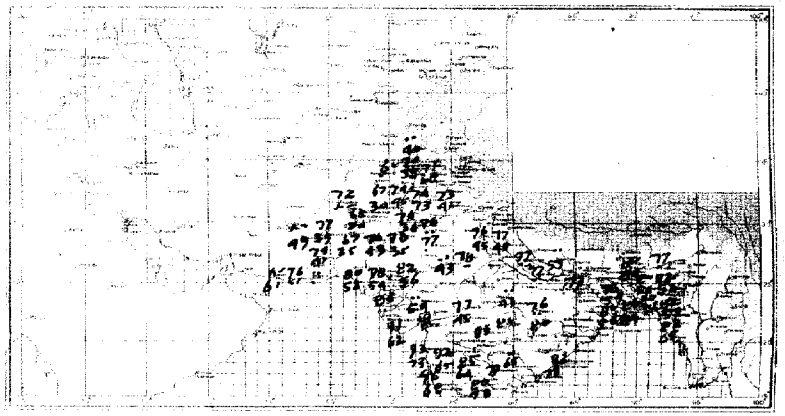
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port, KARACHI—1)

PAKISTAN DAILY WEATHER MAP

TUESDAY 16th DECEMBER, 1969.



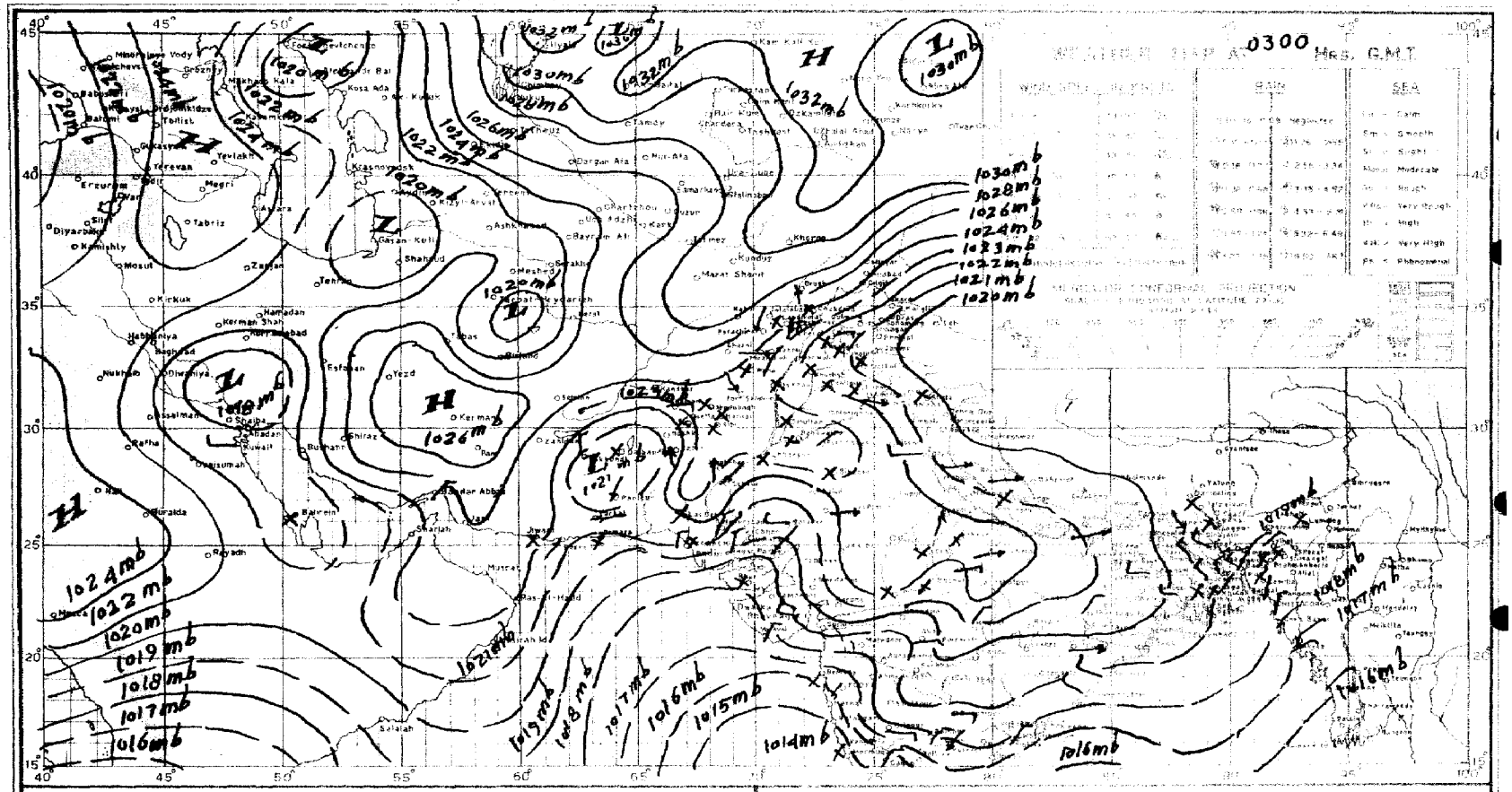


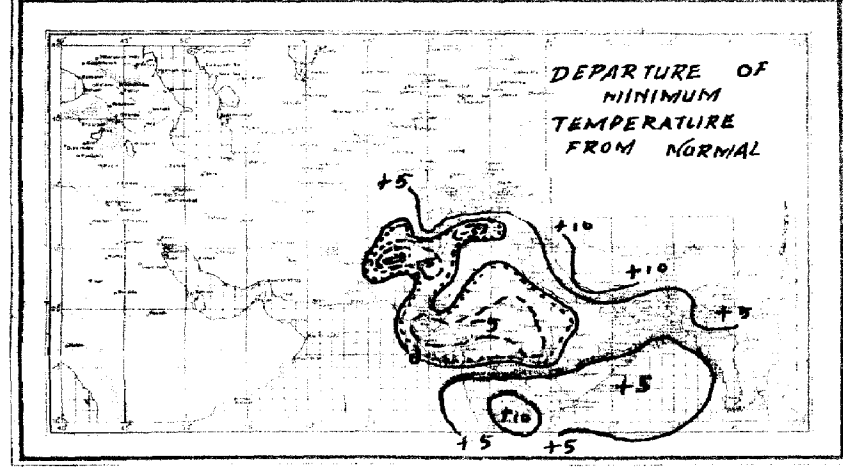


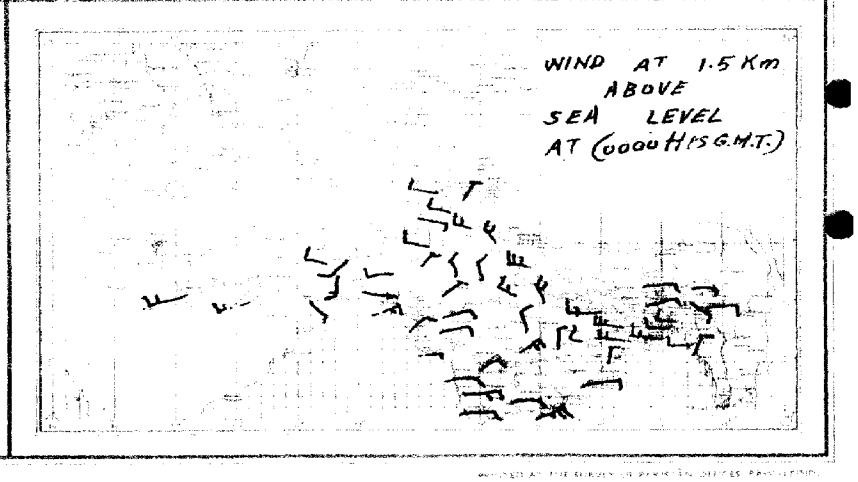
REG. No. 7 24 RWX D'61-5,000'63-3,000'67.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 17th DECEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 18th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's trough of low pressure over Rawalpindi division and Kashmir moved away northeastwards. A fresh western disturbance is moving across east Russain Turkistan and its associated trough extends to Peshawar division. Weather remained dry over the country.

Night temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan and in Lahore, Rawalpindi and Khairpur divisions and were 3—5 °F (2—3 °C) below normal in Sargodha, Peshawar, Kalat and Hyderabad divisions.

Forecast valid until the evening of 19th December 1969 :— A few thunderstorms/showers are likely to occur in Peshawar division and Kashmir. Weather is likely to be mainly dry elsewhere over the country.

Karachi-11
The 18th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Centre (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)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	0	36	02	//	02	8	146	73	0	0	9	0	0	65	81
	Cox's Bazar	000	0	3	36	06	//	02	0	133	73	2	4	6	3	/	60	80
	Chittagong	000	0	1	31	03	//	02	0	143	70	1	0	9	3	0	63	79
	Maijdee Court	000	0	0	00	00	97	00	0	140	70	0	0	9	0	0	56	77
	Comilla	000	0	0	00	00	96	02	0	143	73	0	0	9	0	0	58	79
	Brahmanbaria	000	0	0	00	00	//	00	0	147	//	0	0	9	0	0	63	80
	Sylhet	000	0	0	09	02	//	01	0	138	63	0	0	9	0	0	59	80
	Srimangal	000	0	0	00	00	//	00	0	150	62	0	0	9	0	0	59	82
Dacca	Mymensingh	000	0	0	00	00	//	00	0	144	73	0	0	9	0	0	59	80
	Narayanganj	000	0	0	31	03	//	00	0	143	72	0	0	9	0	0	71	80
	Dacca (Tejgaon)	000	0	1	27	02	96	03	0	136	72	1	0	9	4	0	56	77
	Faridpur	000	0	0	00	00	96	00	0	135	72	0	0	9	0	0	58	80
Khulna	Barisal	...	...	...	...	...	...	...	...	143	74	0	0	9	0	0	73	82
	Khulna	000	0	0	00	00	97	00	0	156	67	0	0	9	0	0	56	79
	Satkhira	000	0	0	00	00	96	00	0	156	67	0	0	9	0	0	56	79
	Jessore	000	0	0	31	05	96	02	0	145	70	0	0	9	0	0	54	77
Rajshahi	Pabna	000	0	0	00	00	//	02	0	148	68	0	0	9	0	0	52	79
	Sirajganj	000	0	0	36	01	//	02	0	153	72	0	0	9	0	0	59	79
	Rajshahi																	
	Bogra	000	0	2	00	00	//	02	0	139	78	2	0	9	3	0	59	80
	Dinajpur	000	0	0	00	00	//	00	0	148	72	0	0	9	0	0	63	80
	Rangpur	000	0	0	00	00	96	01	0	135	65	0	0	9	0	0	60	79
Kashmir	Jammu																	
Lahore	Lahore (Safi Rd.)	000	0	0	00	00	96	05	0	161	70	0	0	9	0	0	45	73
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	0	31	02	96	02	0	159	72	0	0	9	0	0	40	79
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	0	171	63	0	0	9	0	0	30	72
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	96	00	0	189	73	0	0	9	0	0	56	77
	Sargodha	000	0	1	00	00	97	02	0	164	72	1	0	9	3	1	59	77
	Lyallpur	000	0	0	29	02	96	00	0	169	70	0	0	9	0	0	47	73
Multan	Sahiwal	000	0	1	23	03	97	01	0	177	73	0	0	9	0	1	32	75
	Multan	000	0	0	36	09	94	00	0	149	77	0	0	9	0	0	54	77
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	182	73	0	0	9	0	0	41	79
	Bahawalpur	000	0	0	00	00	96	00	0	184	73	0	0	9	0	0	47	79
	Fort Abbas	000	0	0	23	09	98	00	0	160	73	0	0	9	0	0	63	73
Peshawar	Chakdara	000	0	0	36	03	98	02	0	166	65	0	0	9	0	0	41	66
	Peshawar	000	0	1	00	00	96	04	0	168	67	1	0	9	3	0	45	72
	Kohat	000	0	0	23	00	98	00	0	168	68	0	0	9	0	0	38	70
D. I. Khan	Bannu	000	0	0	27	01	99	00	0	168	70	0	0	9	0	0	43	75
	D. I. Khan	000	0	0	00	00	97	02	0	175	65	0	0	9	0	0	43	75
Quetta	Sibi	000	0	0	00	00	97	02	0	181	75	0	0	9	0	0	24	80
	Nokkundi	000	0	0	13	05	97	02	0	147	//	0	0	9	0	0	36	78
Kalat	Turbat	000	0	0	27	02	96	00	0	042	82	0	0	9	0	0	28	82
	Jiwani	000	0	0	27	03	96	02	0	191	65	0	0	9	0	0	58	79
	Pasni	000	0	0	23	06	97	02	0	196	79	0	0	9	0	0	63	79
Karachi division	Ormara	000	0	0	27	07	96	02	0	193	77	0	0	9	0	0	73	79
	Lasbela	//	0	2	00	00	98	02	0	162	90	0	0	8	0	0	69	92
	Karachi (Manora)	000	0	0	27	00	97	02	0	176	76	0	0	9	0	0	59	85
	Karachi (Airport)	000	0	0	00	00	96	02	0	177	84	0	0	9	0	0	35	87
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	091	82	0	0	0	0	0	43	87
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	31	02	97	02	0	184	76	0	0	9	0	0	41	80
	Badin	000	0	0	36	06	//	02	0	164	80	0	0	9	0	0	41	82
Khairpur	Padidan	000	0	0	31	02	96	02	0	179	75	0	0	9	0	0	40	67
	Nawabshah	000	0	0	31	02	96	02	0	191	76	0	0	9	0	0	48	79
	Sukkur	000	0	0	13	02	96	02	0	174	76	0	0	9	0	0	48	79
	Kashmore																	
	Jacobabad	000	0	0	27	02	97	02	0	184	75	0	0	9	0	0	38	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Miagar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	00	00	00	0	526	58	0	0	9	0	0	25	40
Peshawar	Drosh																	
	Chitral	000	0	0	36	16	98	00	0	544	59	0	0	9	0	0	16	63
	Kakul	000	0	0	18	02	96	05	1	535	58	0	0	9	0	0	31	68
	Landikotal	000	0	0	05	05	98	02	0	635	59	0	0	9	0	0	36	65
	Prachinar	000	0	0	13	02	99	02	0	546	57	0	0	9	0	0	//	64
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	538	68	0	0	9	0	0	48	69
	Wana	000	0	0	13	04	99	00	0	519	65	0	0	9	0	0	4	68
Quetta	Fort Sandeman	000	0	3	00	00	98	03	0	529	68	0	0	9	3	1	18	73
	Hindubagh	000	0	0	05	03	97	02	0	481	51	0	0	9	0	0	43	52
	Loralai																	
	Barkhan																	
	Harnai	000	0	0	00	00	96	02	0	471	65	0	0	9	0	0	41	73
	Samungli (Quetta)	000	0	0	00	00	96	02	0	541	63	0	0	9	0	0	23	65
	Chaman	000	0	0	27	05	97	00	0	533	69	0	0	9	0	0	33	73
	Nushki	000	0	0	00	00	97	02	0	591	74	0	0	9	0	0	45	75
	Dalbandin	000	0	0	00	00	98	03	0	545	74	1	0	9	2	0	31	78
Kalat	Kalat	000	0	0	18	02	96	00	2	536	61	0	0	9	0	0	40	67
	Khuzdar	000	0	0	00	00	97	02	0	540	73	0	0	9	0	0	49	75
	Panjgur	000	0	0	23	03	96	02	0	549	78	0	0	9	0	0	37	76

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Centre (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	5	1	27	02	97	01	4	168	67	1	4	7	0	0	//	62	—	—	1.6	—	102.4	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					140
	Chittagong	000	0	0	36	02	97	02	0	180	44	0	0	9	0	0	58	56	+ 1	— 1	1.2	— 1.5	103.3	103
	Maijdee Court	000	0	0	00	00	97	00	0	184	68	0	0	9	0	0	58	56	— 1	— 2	0.4	— 1.4	128.5	112
	Comilla	000	0	0	00	00	96	00	0	179	65	0	0	9	0	0	59	56	+ 1	+ 2	0.5	— 1.1	104.2	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	000	0	0	09	06	96	02	0	176	65	0	0	9	0	0	58	53	—	—	1.5	—	149.7	98
	Srimangal	000	0	0	00	00	96	00	0	177	65	0	0	9	0	0	5.	43	+ 1	+ 4	1.5	— 0.1	84.5	
Dacca	Mymensingh	000	0	0	00	00	97	00	0	187	67	0	0	9	0	0	58	54	+ 6					91
	Narayanganj	000	0	0	00	00	96	00	0	63	64	0	0	9	0	0	58	58	+ 2	+ 1	1.3	+ 0.2	82.1	74
	Dacca (Tejgaon)	000	0	0	00	00	96	05	4	181	64	0	0	9	0	0	58	56	—		1.3	—	66.0	—
	Faridpur	000	0	0	00	00	97	00	0	72	68	0	0	9	0	0	58	54	+ 7	+ 3	1.6	+ 0.4	58.5	71
Khulna	Barisal	000	0	0	36	03	96	02	0	179	64	0	0	9	0	0	56	54		— 1	1.0	— 0.8	65.2	81
	Khulna	000	0	0	00	00	97	00	0	163	73	0	0	9	0	0	59	60	+ 10	+ 5	1.4	— 0.1	74.5	68
	Satkhira	000	0	0	36	01	97	00	0	190	64	0	0	9	0	0	51	51	+ 2	— 1	0.2	— 1.6	61.7	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						49
Rajshahi	Pabna	000	0	31	02	98	02	0	182	66	0	0	9	0	0	0	59	56	—	—	1.0	—	66.3	59
	Sirajganj	000	0	36	01	98	00	0	183	65	0	0	9	0	0	0	56	56	+ 2	+ 3	0.4	— 0.4	56.5	64
	Rajshahi																							—
	Bogra	000	0	31	06	94	05	4	179	64	0	0	9	0	0	0	62	55	+ 8	+ 3	1.3	+ 0.4	57.6	69
	Dinajpur	000	0	00	00	96	00	0	186	67	0	0	9	0	0	0	58	54	+ 4	+ 4	0.8	+ 0.3	56.5	73
	Rangpur	000	0	05	01	96	01	0	193	64	0	0	9	0	0	0	60	54	+ 1	+ 3	1.5	+ 1.0	87.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Safi Rd.)	000	0	00	00	94	10	0	181	45	0	0	9	0	0	0	39	41	+ 1	+ 3	0.0	— 0.3	18.0	19
	Sialkot	000	0	00	00	99	00	0	190	50	0	0	9	0	0	0	4.	32	—	— 8	—	—	—	33
Rawalpindi	Jhelum	000	0	00	00	96	02	0	183	41	0	0	9	0	0	0	35	40	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	00	00	96	10	0	194	40	0	0	9	0	0	0	40	38	+ 6	+ 1	0.2	— 0.6	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	00	00	98	00	0	187	45	0	0	9	0	0	0	40	38	+ 6	— 3	0.0	— 0.2	7.8	18
	Sargodha	000	0	27	02	96	04	0	178	39	0	0	9	0	0	0	33	38	—	—	0.1	—	20.1	—
	Lyallpur	000	0	00	00	95	00	0	190	45	0	0	9	0	0	0	38	40	+ 4	— 1	0.0	— 0.2	7.7	13
Multan	Sahiwal	000	0	00	00	95	04	0	177	50	0	0	9	0	0	0	38	40	+ 5	— 2	0.0	— 0.2	11.3	10
	Multan	000	0	36	00	92	00	0	193	40	0	0	9	0	0	0	38	38	—	—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	23	02	96	02	0	176	49	0	0	9	0	0	0	35	41	+ 2	— 2	0.3	+ 0.1	1.4	6
	Bahawalpur	000	0	00	00	96	00	0	191	56	0	0	9	0	0	0	38	40	+ 6	— 3	0.0	— 0.2	2.0	6
	Fort Abbas	//	0	05	02	98	00	0	124	55	0	0	9	0	0	0	18	//	—	/ —	—	—	—	8
Peshawar	Chakdara	000	0	05	05	97	03	0	192	38	5	0	9	2	0	0	30	38	—	—	0.0	—	23.2	—
	Peshawar	000	0	00	03	96	04	0	189	40	0	0	9	3	0	0	32	35	+ 6	— 5	0.5	— 0.0	14.8	11
	Kohat	040	0	05	03	97	00	0	193	49	0	0	9	9	0	0	29	43	— 6	—	1.0	—	24.0	—
D. I. Khan	Bannu	000	0	00	00	99	00	0	186	43	0	0	9	0	0	0	32	43	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	00	00	97	02	0	181	43	0	0	9	0	0	0	32	40	+ 4	0	8.0	— 0.3	6.0	9
Quetta	Sibi	000	0	00	00	97	02	0	197	44	0	0	9	0	0	0	20	41	—	—	0.0	—	0.2	5
	Nokkundi	000	0	05	03	97	02	0	226	50	0	0	9	0	0	0	24	//	—	/	0.0	—	0.3	2
Kalat	Turbat	000	0	09	02	96	00	0	053	57	0	0	9	0	0	0	37	//	—	/	0.0	—	3.0	—
	Jiwani	000	0	36	02	96	02	0	195	59	0	0	9	0	0	0	56	57	—	—	0.0	—	2.0	5
	Pasni	000	0	29	04	97	02	0	191	57	0	0	9	0	0	0	57	//	— 2	—	0.0	— 0.8	0.2	6
Karachi division	Ormara	000	0	00	00	95	01	0	187	57	0	0	9	0	0	0	57	//	—	/	0.0	— 0.1	0.6	6
	Lasbela	000	0	00	00	98	00	0	175	51	0	0	9	0	0	0	46	38	—	—	0.0	—	0.7	9
	Karachi (Manora)	000	0	00	00	96	02	0	187	51	0	0	9	0	0	0	46	49	+ 6	—	0.0	—	1.1	8
	Karachi (Airport)	000	0	05	03	96	02	0	180	61	0	0	9	0	0	0	51	61	— 8	— 2	0.0	— 0.2	1.5	—
Hyderabad	Nagarparkar	000	0	05	02	97	02	0	194	65	0	0	9	0	0	0	33	55	—	—	—	—	1.1	7
	Chhor	000	0	00	00	91	02	0	174	49	0	0	9	0	0	0	27	41	—	—	0.0	—	—	9
	Hyderabad	000	0	00	00	97	02	0	182	53	0	0	9	0	0	0	37	49	+ 3	— 3	0.0	— 0.2	0.3	—
	Badin	000	0	31	01	96	02	0	178	47	0	0	9	0	0	0	38	45	+ 2	— 5	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	00	00	96	02	0	186	43	0	0	9	0	0	0	40	41	—	—	0.0	—	0.8	4
	Nawabshah	000	0	00	00	94	11	1	186	43	0	0	9	0	0	0	38	40	—	—	0.0	—	0.2	—
	Sukkur	000	0	13	02	93	05	4	181	55	0	0	9	0	0	0	47	48	—	—	0.0	—	0.1	4
	Kashmore																							—
	Jacobabad	000	0	00	00	//	02	0	183	49	0	0	9	0	0	0	37	46		/ + 3	0.1	— 0.1	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar																							71
	Gulmarg																							26
	Sonamarg																							3
	Dras																							4
	Leh																							—
	Skardu																							5
	Miagar																							39
	Aliabad																							—
	Gilgit																							—
Rawalpindi	Murree	000	0	09	03	98	00	0	532	47	0	0	9	0	0	0	13	41		+ 7	0.9	— 0.5	41.0	18
Peshawar	Drosh																		+ 12					39
	Chitral	000	0	36	10	98	00	0	528	58	1	0	9	3	0	0	49	49	+ 10	+ 7	0.6	— 0.5	15.0	—
	Kakul	000	0	34	03	97	02	0	521	50	0	9	9	0	0	0	20	47	—	—	1.0	—	34.0	29
	Landikotal	000	0	36	02	98	01	0	510	41	4	3	9	0	0	0	32	32	—	—	0.7	—	13.6	13
	Prachinar	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				11
D.I. Khan	Miranshah	000	0	05	05	99	00	0	611	43	0	0	9	0	0	0	35	47	—	—	0.0	— 0.4	2.0	11
	Wana	000	0	00	00	99	00	0	526	40	0	0	9	0	0	0	22	34	—	—	—	—	—	—
Quetta	Fort Sandeman	000	0	31	02	97	02	0	534	39	0	0	9	0	0	0	13	33	+ 13	+ 3	0.0	— 0.4	6.5	9
	Hindubagh	000	0	00	00	97	02	0	561	36	0	0	9	0	0	0	19	20	—	—	0.0	—	6.2	—
	Loralai																							14
	Barkhan																							9
	Harnai	000	0	00	00	96	02	0	507	44	0	0	9	0	0	0	22	//	—	—	0.0	— 0.5	5.6	—
	Samungli (Quetta)	000	0	00	00	96	02	0	560	48	0	0	9	0	0	0	27	43	—	—	—	—	—	4
	Chaman	000	0	05	03	97	00	0	561	53	0	0	9	0	0	0	29	40	+ 17	+ 12	0.0	— 1.3	4.7	7
	Nushki	000	0	00	00	97	//	/	591	57	0	0	9	0	0	0	29	55	—	—	0.0	—	2.6	—
	Dalbandin	000	0	00	00	98	07	0	515	40	0	0	9	0	0	0	17	33	+ 15	— 2	0.0	— 0.4	0.5	—
Kalat	Kalat	000	0	31	02	98	00	2	545	32	0	0	9	0	0	0	//	23	+ 13	— 3	0.0	— 0.7	2.1	6
	Khuzdar	000	0	05	03	96	02	0	532	46	0	0	9	0	0	0	19	44	—	—	0.0	—	3.5	—
	Panjgur	000	0	05	03	96	02	0	529	43	0	0	9	0	0	0	25	48	+ 12	+ 3	0.0	—	0.2	—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 18th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sepia/Phkw	99 2 22	10 6 19	17 4 23	00 3 13	98 0 20	18 5 85	00 9 00				0 // 15	12 5 69	34 0 02	10 5 08

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface (PoPoPo ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			At surface and Standard Isobaric Levels — hhh TTT_s DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	012 178 57	...	500 152 75	151 094 78	584 075 81	756 13 78	040 309 65	241 523 //	...	—	...	...	...
Dacca ...	00 00	014 152 31	...	420 054 41	072 032 50	571 151 55	...	940 373 56	211 544 3/	...	—	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	016 110 26	...	480 020 //	040 075 //	559 231 //	781 355 //	914 421 //	—	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	975 052 50	...	500 114 59	899 032 58	571 167 55	736 257 //	950 359 //	227 433 //	...	...	...	...	...
Quetta ...	00 00	824 066 56	...	115 086 //	575 121 //	743 181 //	954 293 //		...	...	...	...	...	...
Sargodha ...	00 00	995 100 59	...	490 084 57	880 025 59	557 178 //	721 285 //	932 405 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$)	TROPOPAUSE (dt dt ft ft ft)
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 176 57	800 152 82	600 022 //	...	...	...	...	...	...	...	—	—
Dacca ...	00 00	900 074 36	800 054 56	600 051 56	...	...	...	...	...	...	...	—	—
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...		...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 066 //	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	280 08	280 07	250 09	270 14	295 19	250 21	...	...	...
Bogra ...	/40 03	335 03	355 03	325 05	/00 20	250 46	...	...	—
Chaklala ...	...	270 11	/09 04	200 01	125 04	250 06	265 32	280 41	285 51
Chhor ...	015 06	030 07	045 07	080 06	030 02	355 02	315 15	295 19	255 20
Chittagong ...	280 08	275 08	250 9/	210 07	195 09	255 15	...	...	...
Cherat ...	...		...	—	...	...	...	...	...
Cox's Bazar ...	251 3/	351 1/	355 10	350 01	275 01	355 09	...	...	...
Dacca ...	265 07	285 06	295 06	280 08	265 09	280 17	...	...	...
Dalbendin ...	...	...	185 05	185 11	235 19	250 26	250 31	255 47	255 51
D. I. Khan ...	180 03	035 03	020 05	/95 04	280 09	270 17	275 26	270 27	270 27
Drosh ...	...	...	...	255 01	360 06	355 05	025 08	090 29	090 33
Fort Sandeman ...	...	...	...	045 03	185 05	250 3/	260 6/	275 38	—
Gilgit ...	...	...	...	135 01	015 03	275 06	330 08	140 12	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	280 05	195 04	155 04	250 //	240 16	225 23	250 23	285 22	275 04
Jessore ...	251 2/	320 09	305 10	305 10	305 18	295 25	...	...	...
Jhelum ...	055 8/	300 1/	305 19	340 0/	/ 0 05	275 08	275 28	285 36	290 43
Jiwani ...	258 07	2/5 02	245 02	255 07	255 08	245 11	265 17	255 19	260 25
Karachi ...	055 01	055 02	120 02	340 01	290 02	335 05	290 14	260 20	260 22
Khanpur ...	360 05	020 06	020 07	085 08	145 34	185 12	260 18	265 23	255 /4
Khuzdar ...	...	...	...	240 05	250 11	270 13	275 27	310 39	295 67
Lahore ...	290 06	285 11	285 14	315 11	340 13	300 08	270 31	280 29	285 25
Multan ...	250 8/	275 07	295 05	290 04	270 08	255 26	280 39	280 7/	270 7/
Nawab Shah ...	3/0 06	025 0/	200 02	245 0/	295 04	310 03	320 09	265 10	265 10
Nokkundi ...	...	...	120 06	230 07	251 4/	255 20	240 32	294 03	235 46
Panjgur ...	—	...	...	200 07	245 12	255 12	260 22	252 4/	230 39
Peshawar ...	...	130 04	090 06	315 10	035 06	360 08	280 20	275 37	280 44
Parachinar ...	...	...	...	125 06	135 06	270 35	280 15	...	270 40
Quetta ...	...	...	...	...	275 02	245 11	2// 05	...	260 43
Sargodha ...	245 07	320 06	335 07	305 06	280 12	275 20	285 25	285 31	280 9/
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	219 50	200 08	195 08	170 05	2/ / / /	245 19	...	—	...
Vereval ...	...	...	...	...	...			...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	345 17	340 13	230 10	285 15	270 24	280 21
Bogra ...	350 11	335 06	351 15	010 08	350 13	...
Chaklala ...	...	080 06	070 03	045 03	350 05	285 10
Chhor ...	/05 14	010 12	020 12	050 10	080 10	170 07
Chittagong ...	...	...	...	...	...	...
Cherat ...						
Cox's Bazar ...	345 12	345 17	351 7/	305 11	224 05	225 07
Dacca ...	340 12	355 12	355 11	—	270 17	...
Dalbendin ...	—	...	035 01	270 09	310 10	255 20
D. I. Khan ...	055 06	065 05	090 0/	160 03	175 09	/00 11
Drosh ...	...		...	...	...	...
Fort Sandeman ...	...	...	...	045 02	245 03	255 11
Gilgit ...	...	...	...	280 04	280 04	265 07
Ishurdi ...	...			...	...	...
Jacobabad ...	300 08	280 08	240 06	255 08	270 11	260 13
Jessore ...	335 13	325 08	360 05	325 09	305 13	295 23
Jhelum ...	015 06	300 13	305 13	290 08	285 11	170 17
Jiwani ...	285 12	305 06	320 05	205 05	280 11	255 13
Karachi ...	...			...	...	
Khanpur ...	205 12	201 11	201 3/	235 15	260 15	245 15
Khuzdar ...	...	...		275 04	295 05	270 11
Lahore ...	285 09	295 10	300 14	305 11	320 10	300 08
Multan ...	215 08	215 13	215 09	230 08	250 3/	285 26
Nawab Shah ...	180 10	285 10	260 09	265 09	265 08	260 10
Nokkundi ...	...	...	120 02	200 01	245 13	305 18
Panjgur ...	...			120 03	210 04	245 04
Peshawar ...	...	285 08	255 05	005 04	295 07	230 09
Parachinar ...	...	...	...	245 08	320 03	...
Quetta ...				...	300 04	285 07
Sargodha ...	070 11	335 05	025 06	295 09	270 12	270 14
Skardu ...	...		...	205 03	/// //	275 05
Sylhet ...	085 05	090 05	125 05	100 05	240 09	280 27
Vereval ...	...		...	...		

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	330 10	315 14	320 19	320 15	275 25	240 55	255 36	...	...	...	...
Bogra ...	315 04	360 06	360 08	020 09	020 12	020 18	260 32		...		...
Chaklala ...	...	135 02	175 02	260 03	215 04	245 15	250 23	255 28	255 47	...	...
Chhor ...										...	...
Chittagong ...	315 04	200 04	200 04	225 04	245 19	240 22	245 41	255 32	072 32	...	—
Cherat ...	...	...				...	...	...	...		...
Cox's Bazar ...	345 07	325 04	235 02	2 ? 03	260 12	255 19	295 20	310 21		...	...
Dacca ...	360 12	360 12	360 12	360 15	300 17	280 18	280 29	265 37	290 41	...	...
Dalbendin ...	...	—	080 11	045 19	035 18	030 11	270 35	275 34	285 36	...	—
D. I. Khan ...	205 01	175 03	175 13	200 08	265 30	280 1/	280 23	265 27	260 32	...	—
Drosh ...	...	...	...		...				...	...	...
Fort Sandeman ...	—	...	...	220 08	255 13	285 02	270 38	260 51	256 00	...	...
Gilgit ...	...	...			...		...	...	...	...	...
Ishurdi ...	...	...	...		...		...		...	...	...
Jacobabad ...	295 06	250 07	275 58	310 09	360 12	265 16	255 31	255 41	260 44	...	...
Jessore ...	310 08	220 05	320 05	285 15	265 19	280 23	270 41			...	...
Jhelum ...	320 02	265 96	260 04	245 14	260 09	345 25	260 39	106 29	260 60	...	...
Jiwani ...	285 12	305 06	320 05	205 05	280 11	255 13				—	...
Karachi ...	285 05	275 86	270 07	295 09	300 06	350 //	2?0 17	265 23	255 24	...	...
Khanpur ...	235 15	245 35	250 24	275 39	285 ?6	30 17	255 43	250 58	260 85		...
Khuzdar ...	...	...	...	320 06	290 13	280 14	290 16	280 13	280 25	225 30	...
Lahore ...	...		...	...			...		...	...	...
Multan ...	185 12	195 27	185 28	185 10	255 10	325 25	260 27	255 47	260 55	...	...
Nawab Shah ...	205 05	260 08	265 10	270 12	265 09	270 22	255 25	275 32	255 43	...	...
Nokkundi ...	...	...	080 05	165 02	185 04	315 04	270 09	265 15	265 13	...	...
Panjgur ...	...		...	200 06	240 14	230 15	255 17	270 19	270 23	...	...
Peshawar ...	...	060 02	120 02	270 05	225 06	250 09	260 11	270 22	265 33	...	...
Parachinar ...	...	...	...	...				...		...	...
Quetta ...	...	...	...	...	305 11	290 19	270 48	...	270 50	...	...
Sargodha ...	...	...	...	—	...	...	...	...	...	...	...
Skardu ...	...	...	...	...			...	...	...	...	...
Sylhet ...	085 06	065 07	085 08	130 07	265 30	420 13	////	265 43	130 05	...	...
Vereval ...	...	...	...	...	...		...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	285 09	285 10	263 10	285 06	295 11	260 14	270 12	270 15	260 21	.	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

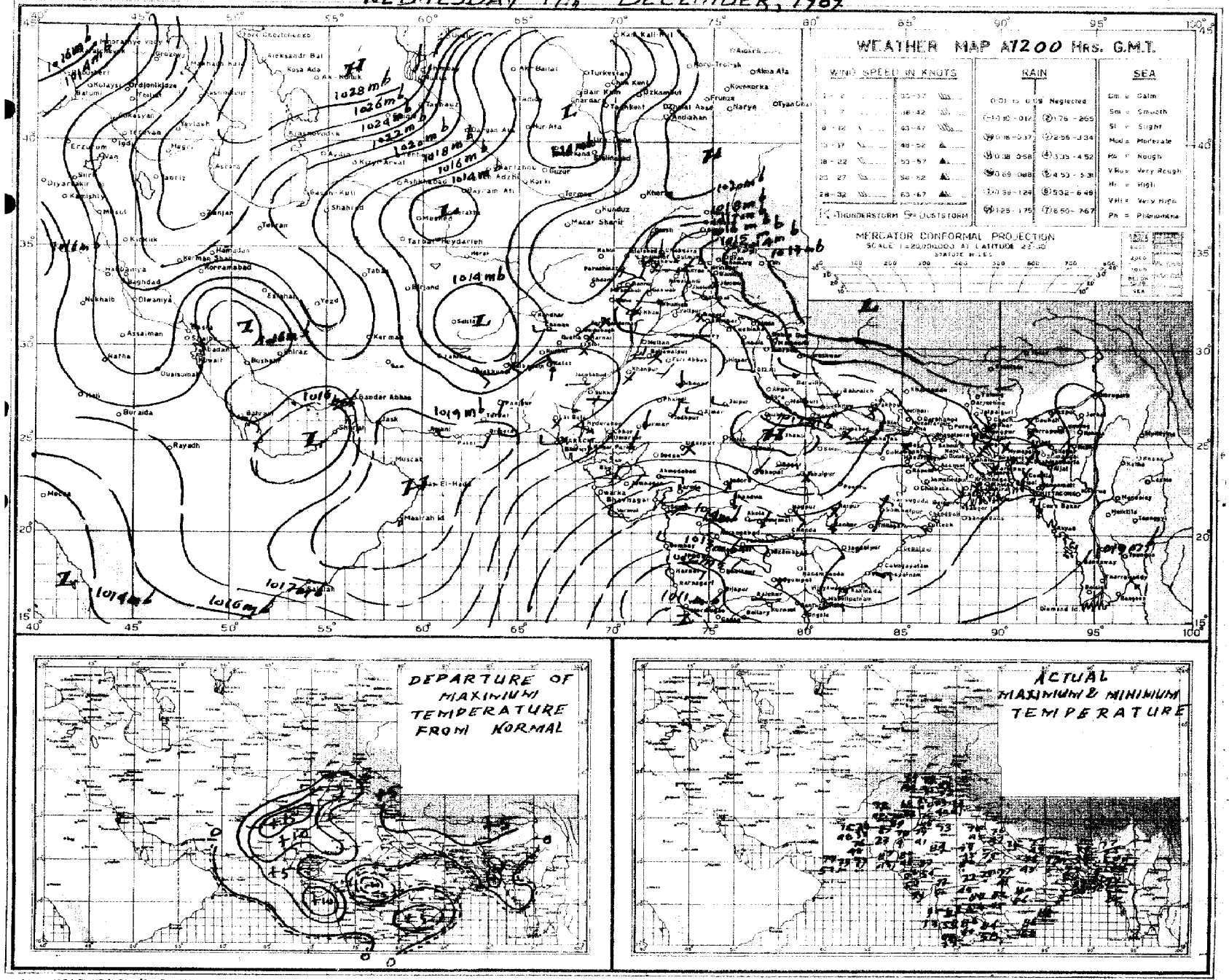
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre I Air Port, KARACHI—II

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 17th DECEMBER, 1969

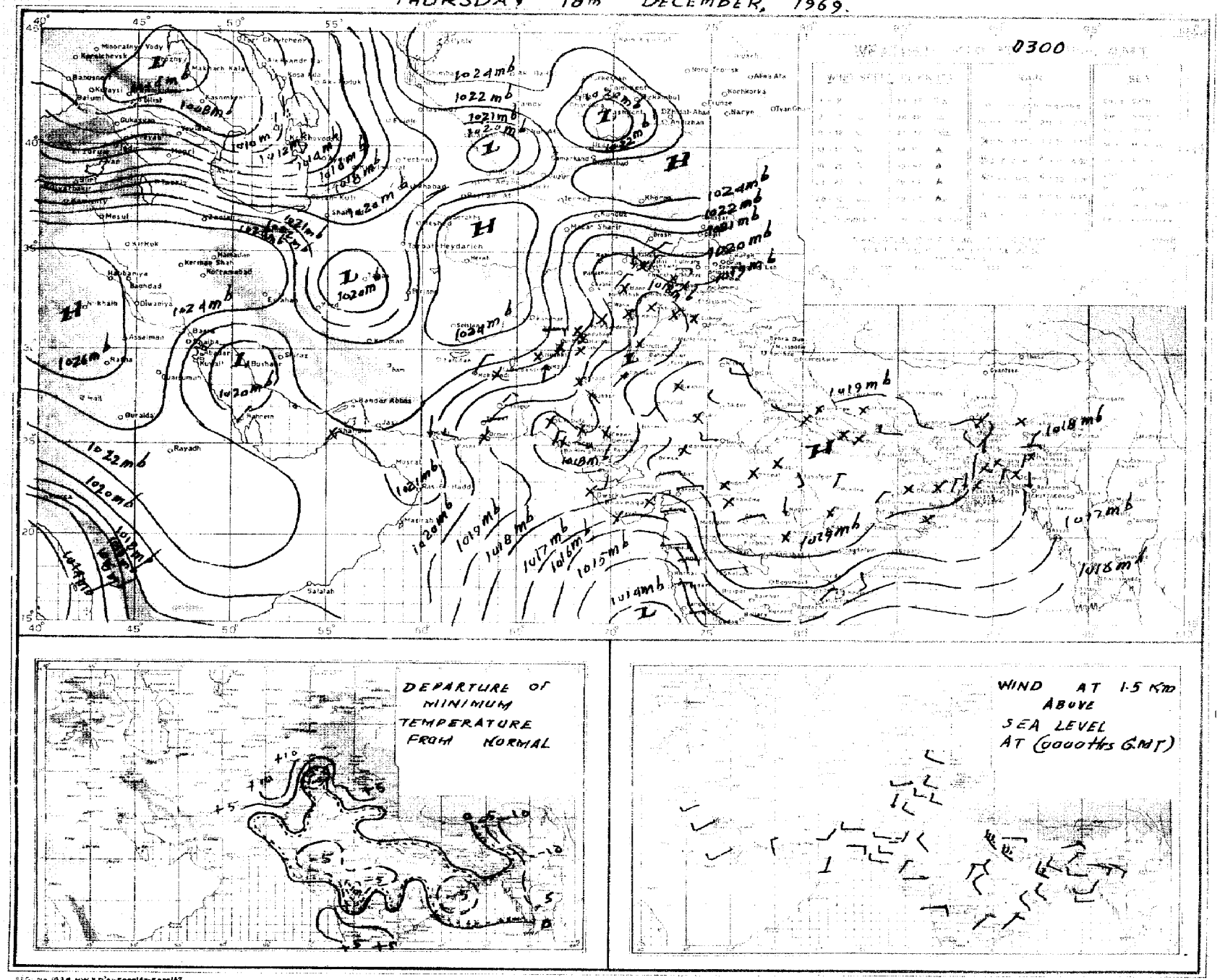


REG. No 1024 RWXD61-5000'63-5000'67

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

THURSDAY 18th DECEMBER, 1969.



RES No. 1024 NWXD'61-5000'69-5,000'67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 19th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's trough of low pressure over Peshawar division moved away northeastwards. Dry continental air prevails over the country. Weather remained dry. Night temperatures were 3–8 °F (2–4 °C) above normal in Dacca, Khulna, Lahore, Rawalpindi, Peshawar, Quetta and Khairpur divisions and were to the same extent below normal in Sargodha, Bahawalpur and northern Kalat divisions.

Forecast valid until the evening of 20th December 1969 :—Weather is likely to be mainly dry over the country.

Karachi-11
The 19th December, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

At 12 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature* TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	31	02	//	00	0	141	72	0	0	5	0	0	60	78
	Cox's Bazar	000	0	0	31	05	//	02	0	133	72	0	0	9	0	0	58	78
	Chittagong	000	0	0	27	02	//	02	0	138	72	0	0	9	0	0	56	77
	Maijdee Court	000	9	0	00	00	//	00	0	136	//	/	/	/	/	/	51	7[illegible]
	Comilla	000	0	0	03	00	96	02	0	127	77	0	0	9	0	0	58	80
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	1	00	00	//	03	0	122	59	1	1	6	0	0	29	75
	Srimangal																	
Dacca	Mymensingh	000	0	0	00	00	97	00	0	133	73	0	0	9	0	0	58	80
	Narayanganj	000	0	0	00	00	//	00	0	132	76	0	0	9	0	0	63	80
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	135	70	0	0	9	0	0	56	78
	Faridpur	000	0	0	00	00	93	00	0	139	70	0	0	9	0	0	56	76
Khulna	Barisal	000	0	0	00	00	//	02	0	137	69	0	0	9	0	0	59	78
	Khulna	000	0	0	00	00	97	00	0	158	72	0	0	9	0	0	60	82
	Satkhira	000	0	0	00	00	95	00	0	143	68	0	0	9	0	0	54	78
	Jessore	000	0	0	31	05	97	02	0	143	67	0	0	9	0	0	59	78
Rajshahi	Pabna	000	0	0	00	00	//	02	0	124	73	/	/	/	/	/	56	78
	Sirajganj	000	0	0	36	01	//	00	0	155	72	0	0	9	0	0	60	78
	Rajshahi	000	0	2	00	00	//	02	1	134	78	0	0	9	3	0	58	78
	Bogra	000	0	0	00	00	//	00	0	133	72	0	0	9	0	0	60	80
	Dinajpur	000	0	0	00	00	96	01	0	137	64	0	0	9	0	0	59	78
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	149	72	0	0	9	0	0	41	76
	Sialkot	000	0	0	00	00	98	00	0	130	67	0	0	9	0	0	49	78
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	148	67	0	0	9	0	0	38	76
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	00	0	///	72	0	0	9	0	0	63	76
	Sargodha	000	0	0	00	00	97	02	0	147	70	0	0	9	0	0	51	76
	Lyallpur	000	0	0	00	00	96	00	0	145	72	0	0	9	0	0	47	76
Multan	Sahiwal	000	0	0	00	00	97	02	0	145	73	0	0	9	0	0	32	76
	Multan	000	0	0	36	00	94	00	0	163	77	0	0	9	0	0	59	77
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	186	76	0	0	9	0	0	45	78
	Bahawalpur	///	/	0	23	02	98	00	0	130	76	0	0	9	0	0	56	77
	Fort Abbas																	
Peshawar	Chakdra	000	0	1	23	07	98	01	1	125	64	1	0	9	0	0	40	64
	Peshawar	000	0	1	00	00	96	04	0	158	70	1	1	6	3	0	47	72
	Haripur	000	0	0	23	03	98	00	0	168	68	0	0	9	0	0	49	70
D. I.-Khan	Bannu	000	0	0	00	00	99	00	0	149	70	0	0	9	0	0	36	76
	D. I. Khan	000	0	0	00	00	97	02	0	145	70	0	0	9	0	0	45	77
Quetta	Sibi	000	0	0	00	00	97	02	0	146	78	0	0	9	0	0	24	81
	Nokkundi	000	0	0	36	05	97	02	0	154	79	0	0	9	0	0	40	80
Kalat	Turbat	000	0	0	27	02	96	00	0	015	84	0	0	9	0	0	39	84
	Jiwani	000	0	0	27	07	96	02	0	164	76	0	0	9	0	0	61	79
	Pasni	000	0	0	25	08	97	02	0	167	81	0	0	0	0	0	65	84
Karachi division	Ormara	///	0	0	00	00	98	00	0	141	89	0	0	0	0	0	70	90
	Lasbela	000	0	0	27	03	97	02	0	171	76	0	0	9	0	0	64	83
	Karachi (Manora)	000	0	0	27	10	96	02	0	148	79	0	0	9	0	0	53	83
	Karachi (Airport)																	
Hyderabad	Nagarparkar	000	0	0	05	02	97	20	0	191	83	0	0	0	0	0	40	86
	Chhor	030	0	0	23	03	96	02	0	145	83	0	0	9	0	0	43	86
	Hyderabad	000	0	0	31	03	97	02	0	147	82	0	0	9	0	0	59	90
	Badin	008	0	0	27	03	97	02	0	143	88	0	0	9	0	0	40	89
Khairpur	Padidan	000	0	0	31	02	96	02	0	147	76	0	0	9	0	0	36	78
	Nawabshah	000	0	0	00	00	96	02	0	152	79	0	0	9	0	0	50	81
	Sukkur	000	0	0	23	02	96	02	0	145	78	0	0	9	0	0	46	83
	Kashmore																	
	Jacobabad	000	0	0	00	00	//	02	0	147	27	0	0	9	0	0	42	79
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	05	02	98	00	0	525	81	0	0	9	0	0	39	58
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	008	0	0	18	02	96	05	1	515	59	0	0	9	0	0	25	70
	Kakul *	000	0	0	36	03	58	02	4	632	60	0	0	9	0	0	52	67
	Landikotal *																	
	Parachinar *																	
D.I. Khan*	Miranshah *	003	0	0	05	05	99	00	0	504	70	0	0	9	0	0	29	72
	Wana *	000	0	0	13	05	99	00	0	490	63	0	0	9	0	0	29	64
Quetta	Fort Sandeman *	000	0	0	37	03	97	02	0	511	67	0	0	9	0	0	//	69
	Hindubagh *	000	0	0	23	03	97	02	0	515	31	0	0	9	0	0	43	56
	Loralai *	000	0	0	23	02	98	02	0	502	58	0	0	9	0	0	39	74
	Barkhan *	000	0	0	00	00	96	02	0	432	67	0	0	9	0	0	36	76
	Harnai *	000	0	0	32	05	96	02	0	538	60	0	0	9	0	0	25	//
	Samungli (Quetta) *	000	0	0	27	03	97	00	0	542	64	0	0	9	0	0	34	65
	Chaman *	000	0	0	31	03	97	02	0	593	69	0	0	9	0	0	35	77
	Nushki *	000	0	0	05	05	98	02	0	548	71	0	0	9	0	0	21	74
	Dalbandin *																	
Kalat	Kalat *	000	0	0	31	02	97	00	2	532	55	0	0	9	0	0	28	42
	Khuzdar *	000	0	0	00	00	96	02	0	541	75	0	0	9	0	0	37	77
	Panjgur *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form * CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	00	0	1	09	02	96	42	4	181	69	1	1	7	0	0	62	59	—	—	1.6	—	///	—
	Cox's Bazar	000	0	0	05	06	96	81	0	169	68	0	0	9	0	0	59	56	— 1	— 2	1.0	— 3.4	92.0	140
	Chittagong	000	0	0	00	00	96	02	0	169	64	0	0	9	0	0	56	56	— 1	— 1	1.2	— 1.5	105.7	103
	Maijdee Court	000	0	0	00	00	97	03	0	168	69	0	0	9	0	0	69	56	— 1	— 1	0.4	— 1.4	128.5	113
	Comilla	000	0	0	00	00	96	0	0	161	64	0	0	9	5	3	58	59	+ 2	+ 5	0.5	— 1.1	104.2	94
	Brahmanbaria	00	0	0	00	00	95	05	3	148	58	0	0	9	0	0	56	//		/	1.3	— 0.1	55.1	78
	Sylhet	000	0	0	09	05	93	02	0	160	64	4	5	5	3	0	53	54	—	—	1.5	—	149.7	98
	Srimangal																							
Dacca	Mymensingh	000	0	2	00	00	97	01	0	174	68	2	0	8	2	0	59	56	+ 6	— 3	0.3	— 0.1	77.5	91
	Narayanganj	000	0	0	31	02	98	00	0	166	64	0	0	9	0	0	58	58	+ 3	+ 1	1.3	— 0.2	82.1	74
	Dacca (Tejgaon)	000	0	0	31	02	96	05	0	169	62	0	0	9	0	0	58	56	—	—	1.3	—	66.0	—
	Faridpur	0.0	0	0	34	02	97	00	0	69	69	0	0	9	0	0	60	58	+ 3	+ 4	1.6	+ 0.4	5.8	71
Khulna	Barisal	000	0	0	31	02	96	02	0	169	69	0	0	9	0	0	56	55	+ 1	+ 1	1.0	— 0.8	65.1	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 10					68
	Satkhira	000	0	0	00	00	97	00	0	176	64	0	0	9	0	0	59	54	+ 1	+ 2	0.2	— 1.7	61.7	65
	Jessore	000	0	0	30	02	96	05	4	167	62	0	0	9	0	0	59	51	—	—	1.1	+ 0.0	62.5	65
Rajshahi	Pabna	000	0		31	02	97	02	0	170	66	0	0	9	0	0	56	58	—	—	1.0	—	66.3	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					69
	Dinajpur	000	0	0	00	00	96	//	0	177	64	0	0	9	0	0	59	54	0	+ 3	1.5	+ 1.0	87.6	72
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	187	45	0	0	9	0	0	40	41	+ 4	+ 3	0.0	— 0.3	18.0	19
	Sialkot	000	0	0	00	00	97	00	0	165	51	0	0	9	0	0	47	30	+ 10	— 10	0.0	— 0.3	11.5	32
Rawalpindi	Jhelum	000	0	0	00	00	94	10	0	188	41	0	0	9	0	0	39	38	—	—	0.0	—	31.2	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	96	10	0	901	39	0	0	9	0	0	35	38	+ 10	+ 1	0.2	— 0.6	33.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	97	00	0	188	45	0	0	9	0	0	40	38	+ 5	— 3	0.0	— 0.	7.8	15
	Sargodha	000	0	0	00	00	95	04	0	185	40	0	0	9	0	0	40	35	—	—	0.1	— 3	20.2	—
	Lyallpur	000	0	0	00	00	95	00	0	190	41	0	0	9	0	0	35	40	+ 7	— 1	0.0	— 0.2	7.7	12
Multan	Sahiwal	000	0	0	00	00	96	04	0	186	41	0	0	9	0	0	35	40	+ 6	— 2	0.0	— 0.2	11.3	10
	Multan	000	0	0	36	02	92	00	0	189	40	0	0	9	0	0	38	38	—	—	0.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	190	56	0	0	9	0	0	33	40	+ 5	— 4	0.0	— 0.2	2.0	6
	Bahawalpur	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Fort Abbas																							8
Peshawar	Chakdra	000	0	0	05	07	98	02	0	202	38	0	0	9	0	0	29	35	—	—	0.0	—	23.2	—
	Peshawar	000	0	0	00	00	96	04	0	199	41	0	0	9	0	0	//	41	+ 6	— 1	0.5	— 0.1	14.8	11
	Haripur	080	0	0	05	03	97	00	0	201	47	0	0	9	0	0	32	43	—	—	1.0	—	24.0	—
D. I.-Khan	Bannu	000	0	0	00	00	99	00	0	194	43	0	0	9	0	0	33	43	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	//	/	186	43	0	0	9	0	0	32	40	+ 6	0	0.0	— 0.3	6.0	8
Quetta	Sibi	000	0	0	00	00	97	02	0	197	45	0	0	9	0	0	24	42	—	—	0.0	—	0.2	5
	Nokkundi	008	0	0	36	03	97	02	0	236	48	0	0	9	0	0	31	47	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	09	02	96	00	0	041	63	0	0	9	0	0	29	//	—	—	0.0	—	2.0	—
	Jiwani	000	0	0	36	03	96	02	0	174	64	0	0	9	0	0	60	57	—	/	0.0	—	2.0	5
	Pasni	000	0	0	29	06	97	02	0	157	60	0	0	0	0	0	53	//	+ 7	/	0.0	— 0.9	0.2	6
Karachi division	Ormara	//	0	0	00	00	98	00	0	170	49	0	0	0	0	0	37	40	—	—	0.0	—	0.6	6
	Lasbela	000	0	0	00	00	96	02	0	164	63	0	0	9	0	0	48	61	+ 3	+ 2	0.0	— 0.2	1.1	8
	Karachi (Manora)	000	0	1	00	00	96	01	0	168	53	0	0	9	0	0	49	49	—	—	0.0	—	1.5	8
	Karachi (Airport)																							—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	0	05	02	96	02	0	165	45	0	0	9	0	0	28	43	—	—	0.0	—	0.3	7
	Hyderabad	005	0	1	00	00	95	05	0	169	50	0	0	9	0	0	41	//	+ 13	/	0.0	— 0.5	0.3	9
	Badin	000	0	0	23	01	96	02	0	159	55	0	0	9	0	0	53	53	+ 9	+ 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	05	20	//	//	/	172	43	0	0	9	0	0	37	41	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	179	43	0	0	9	0	0	41	41	—	—	0.0	—	0.2	4
	Sukkur	000	0	0	13	03	94	05	4	169	55	0	0	9	0	0	49	50	—	—	0.0	—	0.1	—
	Kashmore																							4
	Jacobabad	000	0	0	36	02	97	02	0	164	51	0	0	9	0	0	29	48	+ 5	+ 3	0.1	— 0.1	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							34
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							9
	Gilgit *																							39
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	535	43	0	0	9	0	0	14	38	+ 10	+ 4	1.0	— 0.7	41.0	18
Peshawar	Drosh *	000	0	0	36	02	98	00	0	525	50	0	0	9	0	0	22	47		+ 5	0.6	— 0.5	15.0	29
	Cherat *	000	0	0	34	03	97	02	0	528	49	0	0	9	0	0	21	45	—	—	1.0	—	34.0	—
	Kakul *	000	0	0	31	05	98	02	0	618	49	0	0	9	0	0	29	38	—	—	0.7	—	13.6	—
	Landikotal *																							29
	Parachinar *																							12
D.I. Khan*	Miranshah *	000	0	0	05	05	99	00	0	551	47	0	0	9	0	0	20	40	—	—	0.0	— 0.4	2.0	11
	Wana *	000	0	0	00	00	99	00	0	509	40	0	0	9	0	0	32	32	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	18	02	98	02	0	538	43	0	0	9	0	0	11	39	+ 11	+ 8	0.0	— 0.4	6.5	—
	Hindubagh *	000	0	0	23	02	97	02	0	572	33	0	0	9	0	0	25	24	—	—	0.0	—	6.2	9
	Loralai *	000	0	0	31	02	97	02	0	481	46	0	0	9	0	0	55	41	—	—	0.0	—	1.0	—
	Barkhan *	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Harnai *	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...						9
	Samungli (Quetta) *	000	0	0	09	03	97	00	0	561	54	0	0	9	0	0	29	40	+ 10	+ 12	0.0	— 1.2	4.7	8
	Chaman *	000	0	0	31	02	97	02	0	///	44	0	0	9	0	0	12	43	—	—	0.0	—	2.6	—
	Nushki *	080	0	0	00	00	98	02	0	508	28	0	0	9	0	0	20	37	+ 11	+ 2	0.0	— 0.4	0.5	4
	Dalbandin *																							7
Kalat	Kalat *	000	0	0	18	02	98	00	2	551	25	0	0	9	0	0	38	13	+ 6	— 13	0.0	— 0.7	2.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	522	43	0	0	9	0	0	24	41	+ 17	+ 2	0.0	—	0.2	[illegible]
	Panjgur *																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When ever 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 19th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3'_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Lika/Ytal	99 2 20	10 6 53	18 0 63	00 6 05	97 0 20	18 0 43	00 9 00	52 2 00			00 5 40	12 7 80		
Kamapaa	99 2 32	10 6 61	18 0 63	C0 2 05	99 0 20	23 3 25	00 9 00	34 1 15			C0 0 15	30 1 01		
Mvlika/Ytal	99 2 40	10 6 65	17 1 83	03 3 05	97 0 20	14 4 24	00 9 00	52 2 05			05 7 24	17 2 06		

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 138 03	...	485 842 //	105 050 38	578 115 41	...	...	...	...	..	...	...	...
Dacca ...	00 00	013 000 00	...	440 086 58	1?5 082 62	581 087 63	750 231 62	955 358 62	227 525 //	...	—	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 110 56	...	450 040 //	043 031 //	...	...	...	—	...	...	...	...	—
Multan ...	00 00	002 040 20		480 064 //	060 055 //	558 251 //	717 351 //	914 451 //	...	...	...	...	...	...
Peshawar ...	00 00	976 054 40	...	495 054 41	04? 037 43	562 125 //	724 301 //	924 429 //	191 515 //	...	...	...	...	...
Quetta ...	00 00	825 038 55	...	...	119 003 //	573 151 //	740 229 //	948 295 //	231 397 //	...	...	...	...	...
Sargodha ...	00 00	998 105 57	...	580 090 58	097 030 59	549 175 //	732 291 //	932 411 //	202 511 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	990 032 11	600 048 34	600 015 33	...	...	...	...	...	...	...	—	—
Dacca ...	00 00	900 140 59	8?0 082 62	600 030 61	...	...	—	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...			...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 064 //	600 677 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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
Barisal ...	310 54	310 07	320 07	305 12	275 27	..	...	—	...
Bogra ...	325 03	340 04	// //	300 05	010 07				
Chaklala —	...	270 06	285 04	280 03	175 03	245 07	255 12	270 38	270 42
Chhor .	240 05	250 07	260 08	350 08	260 9/	290 21	270 21	265 24	225 44
Chittagong —	...	..	—	...	...	—	...	—	←
Cherat ...	...		...	—		...	..	...	...
Cox's Bazar —	310 08	315 06	295 13	140 07	160 02	230 10	...	...	..
Dacca —	325 06	320 04	335 03	350 04	290 12	285 15	...	...	...
Dalbandin ..	...	...	089 09	065 13	335 12	290 22	280 33	280 37	280 37
D. I. Khan ...	120 05	105 05	115 06	265 08	275 19	295 14	295 13	295 25	290 34
Drosh ..	...	...	...	165 01	180 01	210 05	200 08	205 11	210 15
Fort Sandeman —	—	.	...	295 05	290 09	285 25	305 29	295 44	285 52
Gilgit ...	...	...	...						
Ishurdi ...	...	...	...	...	—	...	...	...	...
Jacobabad —	290 02	005 05	300 06	280 05	255 14	265 30	260 36	250 42	/99 51
Jessore ...	320 07	325 04	335 05	335 06	290 16	290 18		...	...
Jhelum —	235 05	300 08	285 08	295 07	165 03	230 15	240 25	270 34	275 38
Jiwani —	26x 10	290 05	330 04	315 07	310 09	280 15	265 29	275 26	270 29
Karachi —	28x 48	310 09	305 09	300 08	270 05	280 17	270 15	290 20	270 28
Khanpur ...	240 15	255 10	255 13	256 19	235 26	270 09			
Khuzdar ...	...	...		280 06	280 07	275 23	265 27	270 29	265 34
Lahore ...	285 06	290 07	290 09	305 08	295 07	265 06	245 10	250 12	260 14
Multan —	165 05	170 04	170 04	310 10	310 15	295 19	260 24	255 68	...
Nawab Shah .	275 04	325 04	270 06	280 10	290 13	275 27	280 22	275 55	260 65
Nokkundi .	...	...	360 22	315 20	355 03	355 04	275 02	280 33	270 20
Panjgur ...	..	..	...	235 08	235 12	245 17	270 23	280 32	290 33
Peshawar ...	...	135 03	295 03	290 08	320 18	330 17	275 10	285 23	305 35
Parachinar ...	...	...	...	190 12	160 07	330 15	295 24	—	330 13
Quetta ...	...	...	...	...	355 09	245 15	245 32	...	...
Sargodha ...	245 03	220 04	190 03	300 05	290 12	275 21	245 24	275 33	275 38
Skardu ...	...	...	...	...	...	...		...	...
Sylhet ...	168 06	160 04	110 03	050 05	075 05	390 05	..	...	...
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
Barisal		...	...			...
Bogra	330 11	335 06	340 06	360 03	040 09	315 30
Chaklala	...	030 02	030 03	300 0/	295 09	235 09
Chhor	220 07	215 06	270 05	265 11	235 18	205 25
Chittagong	...	...	..	...	...	...
Cherat	...	...	...	...		
Cox's Bazar	190 13	180 15	155 15	145 15	145 09	085 10
Dacca	310 07	310 05	310 04		355 06	
Dalbandin	—	...	075 12	055 15	355 04	315 10
D. I. Khan	325 04	325 03	330 00	345 04	350 15	025 29
Drosh	—	-	...	255 01	040 06	005 12
Fort Sandeman	...	..	...	260 05	245 09	265 21
Gilgit	...	...	.	/// /	255 09	/// //
Ishurdi	...			...		
Jacobabad	250 15	245 12	245 09	/:9 09	275 07	285 09
Jessore	330 11	320 09	395 07	004 05	315 07	295 11
Jhelum	350 07	345 07	330 13	310 09	295 08	310 13
Jiwani	300 14	305 01	326 09	325 03	285 11	260 15
Karachi						
Khanpur	070 07	075 09	115 04	260 02	070 05	155 01
Khuzdar	...	...	.	310 05	290 08	290 11
Lahore	...	...	...	...	...	...
Multan	260 05	255 21	125 03	340 04	305 05	035 06
Nawab Shah	310 02	305 03	335 66	285 06	250 12	280 19
Nokkundi	..	...	135 04	180 06	210 09	270 21
Panjgur	...			025 11	360 16	345 22
Peshawar	...	240 04	295 04	310 12	320 14	295 05
Parachinar	...	..	...	240 19	130 02	...
Quetta						
Sargodha	270 04	310 07	315 05	325 03	320 06	320 10
Skardu	...		...	235 01	/// //	...
Sylhet	160 07	180 05	100 05	145 08	135 13	130 15
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	3.4	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	5	26	27
Barisal	300 10	315 12	315 15	315 17	325 13	360 05	360 10	350 25	025 23	...	..
Bogra	315 07	310 10	300 10	315 06	040 06	315 64	290 41			..	...
Chaklala	...	335 01	/// //	300 20	275 03	285 04	270 //	280 19	295 20	...	...
Chhor	170 03	115 03	155 03	160 04	295 04	340 16	270 17	270 19	275 21	..	..
Chittagong	275 03	320 02	210 05	197 09	240 21	265 26	275 42	275 48	275 45	...	...
Cherat											
Cox's Bazar	330 06	335 07	335 07	330 06	330 52	360 06	...	...	..	..	...
Dacca	005 04	010 02	340 04	005 04	340 15	010 02	300 29	340 04	250 45	..	..
Dalbandin	...	—	070 08	030 09	340 13	320 12	320 19	300 28	255 40	..	..
D. I. Khan	...	..	...	...	.	...	.	..	..	..	
Drosh	—	...	...							..	..
Fort Sandeman	—	...	—	225 03	255 06	285 18	270 30	260 41	245 50	..	—
Gilgit	...	...	.	..	...	...	—	...	...	...	...
Ishurdi											
Jacobabad	125 17	100 09	350 08	350 14	010 18	340 08	320 14	285 18	270 28	..	...
Jessore	315 08	305 07	305 07	310 09	305 15	310 19	285 32	280 49	27/ /4	...	—
Jhelum	025 03	310 95	310 04	310 08	305 11	315 10	300 18	250 29	250 42	..	...
Jiwani	0:0 11	060 08	045 05	055 03	300 15	265 21	305 20	295 22	250 26	..	...
Karachi	325 05	350 07	295 08	285 09	210 12	290 11	280 20	275 20	275 19	..	..
Khanpur	240 19	230 19	235 20	25. 5/	265 21	28 17	325 10	285 21	270 27	...	—
Khuzdar										..	...
Lahore	345 06	345 06	335 06	325 07	340 11	340 12	/// .	330 14	310 17	..	..
Multan	055 06	075 10	105 15	105 17	125 12	110 13	190 15	255 13	260 23	...	...
Nawab Shah	025 04	045 10	050 11	215 13	265 14	270 20	290 22	285 45	275 45	..	—
Nokkundi	...	...	250 01	160 0.	280 01	300 08	280 10	265 10	245 13	...	...
Panjgur	...			010 14	240 17	275 19	290 27	285 35	280 36	...	...
Peshawar	...	055 02	365 02	315 13	295 16	250 13	295 19	280 37	280 43	...	—
Parachinar	...	...	...	285 14	245 03	265 23	265 15	..	270 28	.	—
Quetta					010 03	405 07	285 13	260 29	280 35	...	...
Sargodha	075 03	195 03	345 03	275 03	350 03	295 07	290 22	280 27	275 27	.	...
Skardu	...	...	...	...	...		...	..	...	..	..
Sylhet	095 03	115 02	110 06	120 11	115 11	...	..	.	..	..	...
Veraval		..	...	...	...		...	..	...	—	...

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	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	280 10	280 11	28) 12	310 12	260 15	265 16	280 27	26/ 28	270 37	.	...	...	...	...	...	...	..	—
Multan ...	100 12	025 06	340 01	045 01	035 06	025 08	020 16											
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

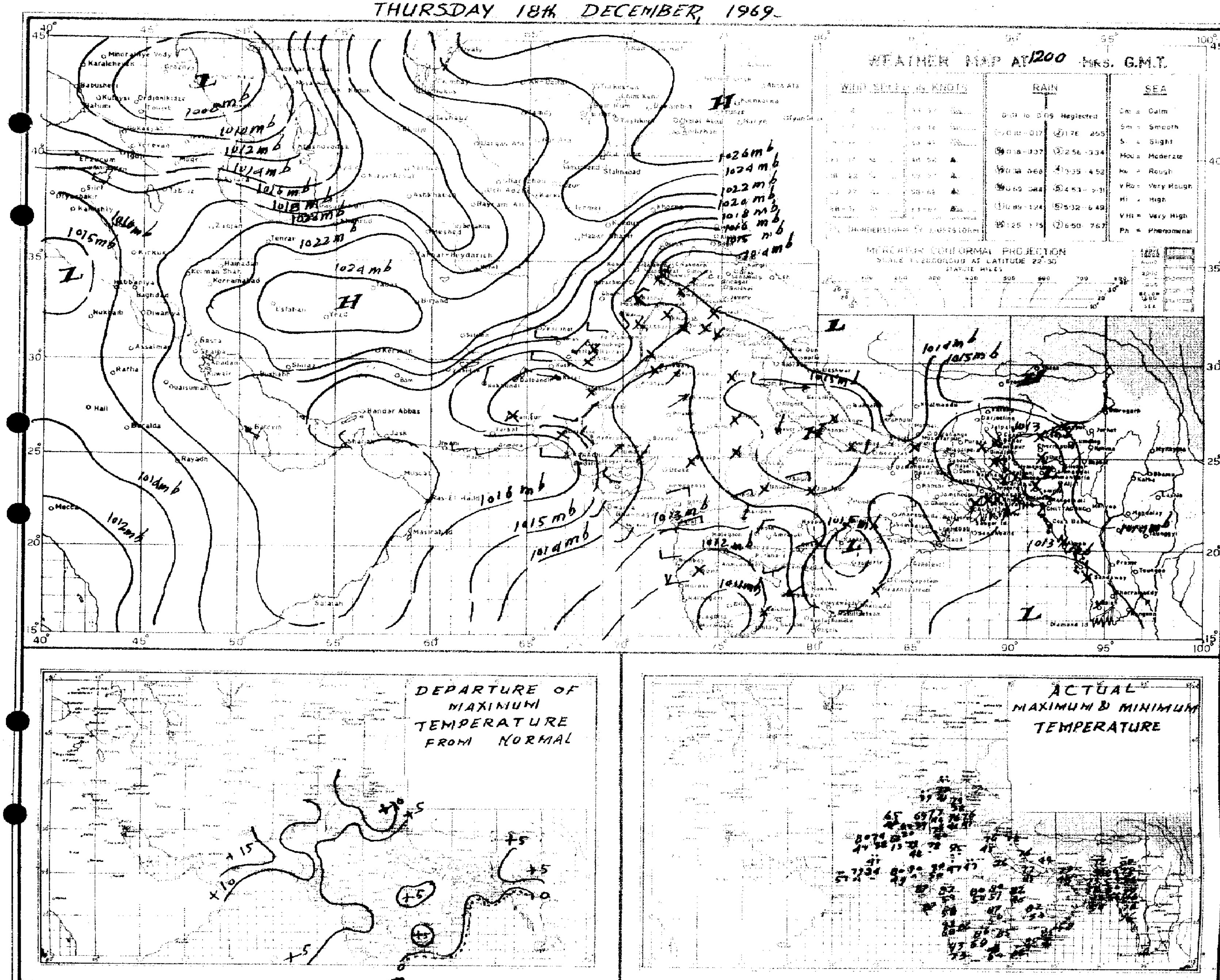
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the 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" omitted.

PAKISTAN DAILY WEATHER MAP

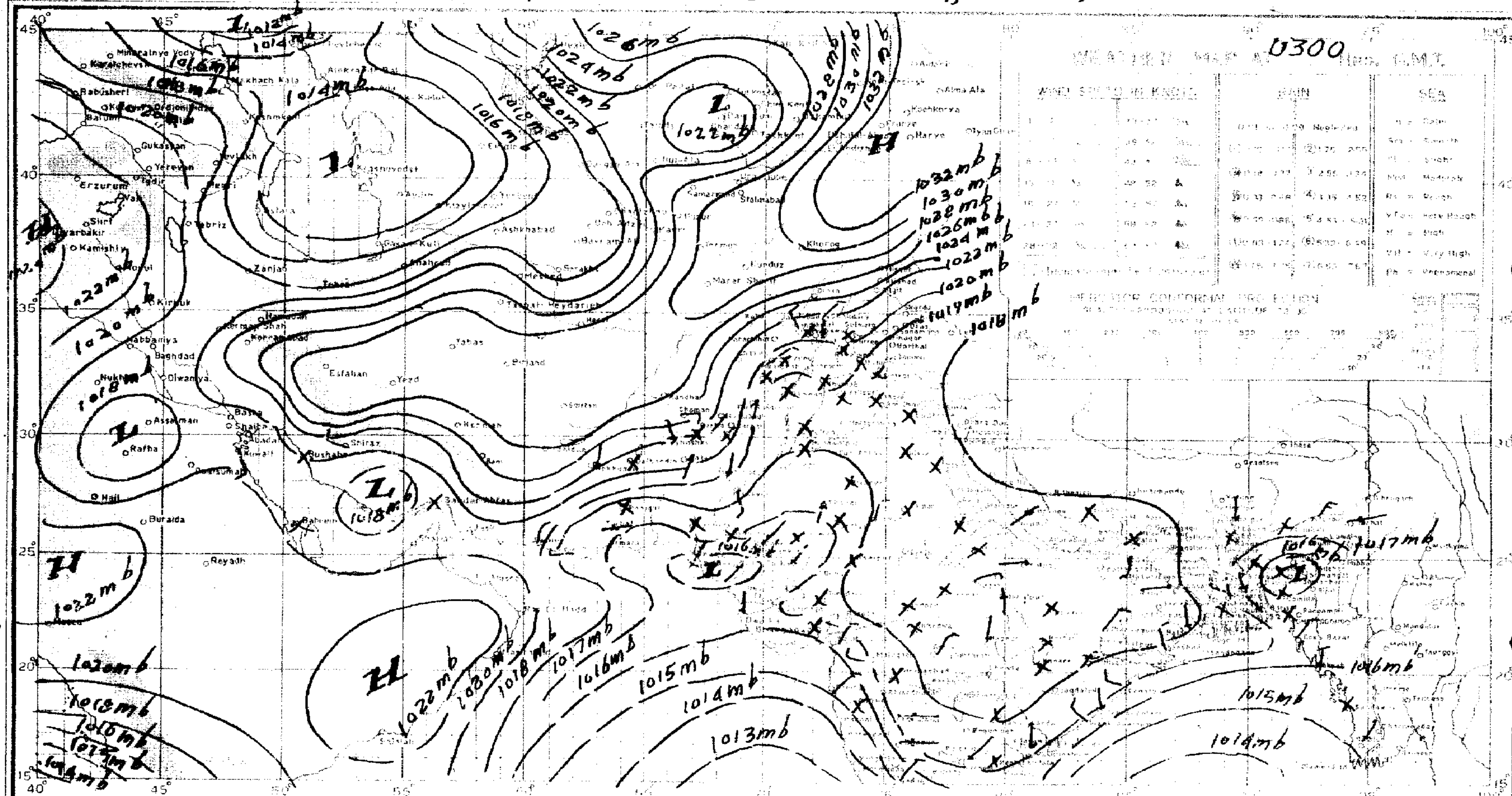
THURSDAY 18th DECEMBER, 1969.

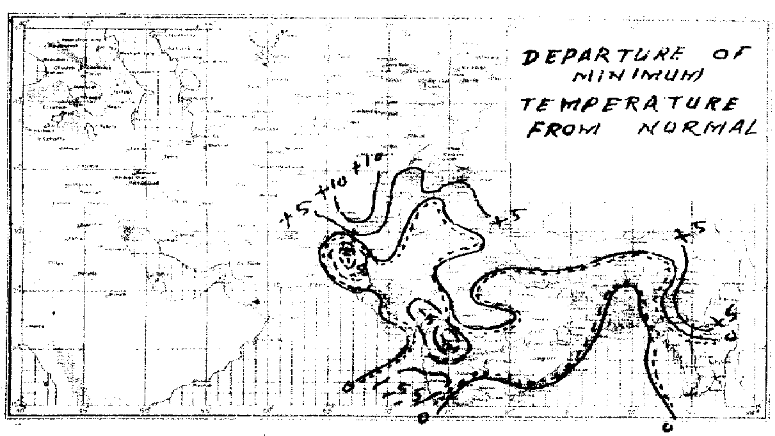


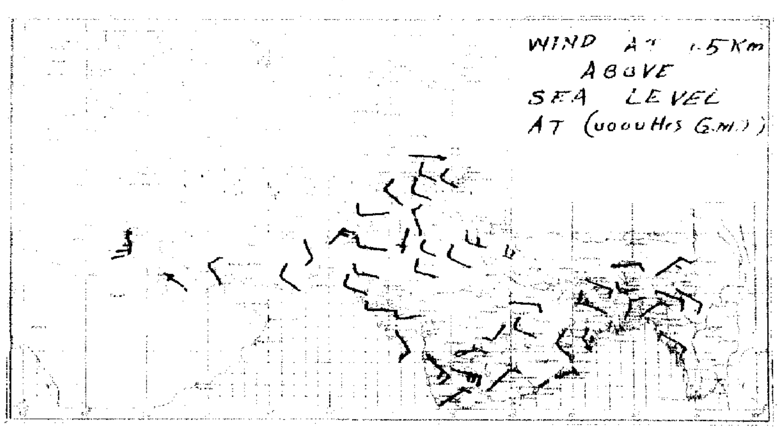
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

FRIDAY 19th DECEMBER, 1969.







REG. No. 774 RWXD'61-5000' '67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 20th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

A western disturbance is moving across east Russain Turkistan. Its feeble secondary is moving across Peshawar and D. I. Khan divisions. Weather remained dry over the country.

Night temperatures were 3—8 °F (2—4 °C) above normal in Dacca, Rajshahi, Lahore, Quetta divisions and were to the same extent below normal in Sargodha and northern Kalat divisions.

Forecast valid until the evening of 21st December 1969 :—A few falls of light rain/drizzle are likely to occur in Peshawar, Rawalpindi division and in Kashmir. Weather is likely to remain dry elsewhere over the country.

Karachi-11
The 20th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	29	02	//	00	0	134	71	0	0	9	0	0	59	77
	Cox's Bazar	000	0	0	00	00	//	02	0	124	72	0	0	9	0	0	58	77
	Chittagong	000	0	0	27	02	//	02	0	127	69	0	0	9	0	0	64	77
	Maijdee Court	...	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	
	Comilla																	
	Brahmanbaria	000	0	0	00	00	//	00	1	125	71	0	0	9	0	0	64	75
	Sylhet																	
	Srimangal	000	0	0	00	00	//	00	0	133	64	0	0	9	0	0	60	78
Dacca	Mymensingh																	
	Narayanganj	000	0	0	31	02	//	00	0	129	75	0	0	9	0	0	62	82
	Dacca (Tejgaon)	000	0	4	31	02	96	03	0	124	72	3	8	5	6	0	59	79
	Faridpur	000	0	0	00	00	93	00	0	135	69	0	0	9	0	0	66	75
Khulna	Barisal	000	0	0	00	00	//	01	2	131	68	/	/	/	/	/	59	77
	Khulna	000	0	0	00	00	97	00	0	138	73	0	0	9	0	0	70	82
	Satkhira	000	0	0	00	00	95	00	0	132	66	0	0	0	0	0	56	78
	Jessore	000	2	9	00	00	97	02	0	127	70	0	0	9	0	0	56	79
Rajshahi	Pabna	000	0	9	00	00	//	02	0	130	69	/	/	/	/	/	58	78
	Sirajganj	000	0	0	00	00	//	00	0	137	73	0	0	9	0	0	60	79
	Rajshahi	000	0	0	27	02	96	02	0	135	69	0	0	9	0	0	59	77
	Bogra	000	0	0	00	00	//	01	0	122	72	0	0	9	0	0	33	79
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	144	69	0	0	9	0	0	45	75
	Sialkot	000	0	0	00	00	98	00	0	132	60	0	0	9	0	0	49	75
Rawalpindi	Jhelum	000	0	0	13	02	96	02	0	142	68	0	0	9	0	0	43	75
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	151	60	0	0	9	0	0	36	72
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	00	0	133	72	0	0	9	0	0	59	74
	Sargodha	000	0	0	00	00	96	06	0	145	69	0	0	9	0	0	54	77
	Lyallpur	000	0	0	36	00	96	00	0	143	72	0	0	9	0	0	45	75
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	147	72	0	0	9	0	0	43	77
	Leiah	000	0	0	36	00	94	00	0	162	79	0	0	9	0	0	38	79
Bahawalpur	Khanpur	000	0	0	00	00	97	02		135	73	0	0	9	0	0	49	77
	Bahawalpur	000	0	0	00	00	96	00	0	150	75	0	0	9	0	0	54	84
	Fort Abbas	000	0	0	05	02	96	00	0	180	75	0	0	9	0	0	56	75
Peshawar	Chakdra																	
	Peshawar	000	0	0	00	00	95	04	0	151	66	0	0	9	0	0	46	73
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	149	66	0	0	9	0	0	45	72
	D. I. Khan	000	0	0	00	00	97	02	0	147	57	0	0	9	0	0	41	73
Quetta	Sibi	000	0	0	18	03	97	02	0	144	85	0	0	9	0	0	56	87
	Nokkundi	000	0	0	23	03	97	02	0	153	75	0	0	9	0	0	31	76
Kalat	Turbat	000	0	0	05	02	96	00	0	015	//	0	0	9	0	0	60	//
	Jiwani	000	0	3	23	05	96	03	0	150	78	0	0	9	0	1	57	82
	Pasni	000	0	0	25	10	97	02	0	152	//	0	0	0	0	0	77	87
Karachi division	Ormara																	
	Lasbela	000	0	0	18	01	98	00	0	125	91	0	0	8	0	0	72	92
	Karachi (Manora)	000	0	0	27	02	97	02	0	118	76	0	0	9	0	0	65	80
	Karachi (Airport)	000	0	1	23	03	96	02	0	137	84	0	0	9	0	1	59	87
Hyderabad	Nagarparkar																	
	Chhor	000	0	0	00	00	96	02	0	133	85	0	0	9	0	0	52	87
	Hyderabad	000	0	0	31	03	97	02	0	146	77	0	0	9	0	0	47	81
	Badin	000	0	0	02	03	97	02	0	138	82	0	0	9	0	0	37	84
Khairpur	Padidan	000	0	0	31	03	96	02	0	141	75	0	0	9	0	0	44	78
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Sukkur	000	0	0	13	03	96	02	0	132	76	0	0	9	0	0	46	79
	Kashmore																	
	Jacobabad	000	0	0	13	02	97	02	0	144	78	0	0	9	0	0	43	80
unagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	03	98	00	0	519	40	0	0	9	0	0	28	56
Peshawar	Drosh *																	
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	000	0	0	13	02	96	05	0	513	57	0	0	9	0	0	28	66
	Landikotal *																	
	Parachinar *	000	0	0	00	00	98	00	0	532	61	0	0	9	0	0	48	76
D.I. Khan*	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana *	000	0	0	00	00	99	00	0	442	64	0	0	9	0	0	37	66
Quetta	Fort Sandeman *	000	0	0	05	02	98	01	0	508	64	0	0	9	0	0	18	69
	Hindubagh *	000	0	0	20	03	97	//	/	493	52	0	0	9	0	0	30	55
	Loralai *																	
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai *	000	0	0	00	00	96	02	0	501	71	0	0	9	0	0	57	78
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	541	50	0	0	9	0	0	27	58
	Chaman *	000	0	0	27	03	97	00	0	574	60	0	0	9	0	0	54	63
	Nushki *	000	0	0	31	02	97	02	0	589	64	0	0	9	0	0	31	69
	Dalbandin *	000	0	2	05	05	98	03	0	534	67	0	0	9	/	0	23	69
Kalat	Kalat *	000	0	0	31	02	98	00	2	536	55	0	0	9	0	0	48	67
	Khuzdar *																	
	Panjgur *	000	0	2	27	03	96	02	0	531	70	0	0	9	0	1	35	74

At 0300 Hrs. G. M. T. of date

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Rangamati	000	5	4	27	02	96	02	4	189	67	4	1	7	0	0	61	63
Cox's Bazar	000	0	0	09	03	//	51	0	177	67	0	0	9	0	0	62	59
Chittagong	000	0	0	36	02	96	02	0	177	65	0	0	9	0	0	59	56
Maijdee Court	000	9	0	00	00	98	00	0	118	72	0	0	9	0	0	58	57
Comilla																	
Brahmanbaria	000	0	0	13	02	94	00	0	178	70	0	0	9	0	0	63	58
Sylhet																	
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh								0									
Narayanganj	000	0	0	31	02	//	00	0	156	65	0	0	9	0	0	61	61
Dacca (Tejgaon)	000	0	0	00	00	94	05	0	175	65	0	0	9	0	6	61	56
Faridpur	000	0	7	00	00	97	00	0	175	66	0	0	9	0	0	61	54
Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	000	0	0	00	00	97	00	0	163	72	0	0	9	0	0	59	54
Satkhira	000	0	0	00	00	97	00	0	186	63	0	0	9	0	0	52	52
Jessore	000	0	0	30	06	95	10	4	177	65	0	0	9	0	0	61	56
Pabna	000	0		41	02	97	02	0	179	66	0	0	9	0	0	56	58
Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpur	000	0	0	00	00	96	00	0	178	72	0	0	9	0	0	56	58
Rangpur	000	0	0	00	00	96	01	0	175	63	0	0	9	0	0	59	54
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	93	10	0	182	40	0	0	9	0	0	40	42
Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum	000	0	0	00	00	94	10	0	180	40	0	0	9	0	0	36	38
Islamabad																	
Rawalpindi	000	0	0	00	00	96	10	0	193	38	0	0	9	0	0	34	35
Campbellpur																	
Khushab	000	0	0	00	00	98	00	0	181	47	0	0	9	0	0	40	38
Sargodha	///	/	0	09	03	93	10	0	175	23	0	0	9	0	0	//	//
Lyallpur	000	0	0	00	00	95	00	0	170	43	0	0	9	0	0	35	39
Sahiwal																	
Multan	000	0	0	00	00	96	04	0	180	43	0	0	9	0	0	38	40
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	0	00	00	96	02	0	176	22	0	0	9	0	0	29	//
Bahawalpur	000	0	0	00	00	96	00	0	158	56	0	0	9	0	0	41	43
Fort Abbas	000	0	0	00	00	98	00	0	124	56	0	0	9	0	0	47	56
Chakdra																	
Peshawar	000	0	0	18	03	97	02	0	190	43	0	0	9	0	0	53	40
Haripur	000	0	0	05	03	97	00	0	192	47	0	0	9	0	0	54	40
Bannu	000	0	0	27	01	99	00	0	182	48	0	0	9	0	0	32	43
D. I. Khan	000	0	0	00	00	97	02	0	170	40	0	0	9	0	0	54	41
Sibi	000	0	0	00	00	97	02	0	186	45	0	0	9	0	0	28	//
Nokkundi	000	0	0	36	03	97	02	0	240	44	0	0	9	0	0	29	40
Turbat	000	0	0	09	02	96	00	0	034	56	0	0	9	0	0	28	//
Jiwani	000	0	0	36	05	96	03	0	175	61	0	0	9	0	0	55	60
Pasni	000	0	4	11	08	97	02	0	169	66	4	0	9	0	0	47	//
Ormara																	
Lasbela	///	0	0	00	00	98	00	0	169	53	0	0	8	0	0	48	//
Karachi (Manora)	000	0	0	05	03	96	02	0	170	61	0	0	9	0	0	60	59
Karachi (Airport)	000	0	0	00	00	96	02	0	169	53	0	0	9	0	0	31	50
Nagarparkar																	
Chhor	000	0	0	00	00	96	02	0	160	50	0	0	9	0	0	41	43
Hyderabad	000	0	0	31	02	97	02	0	171	55	0	0	9	0	0	44	50
Badin	000	0	0	31	01	96	02	0	152	53	0	0	9	0	0	47	49
Padidan	000	0	0	00	00	96	02	0	174	42	0	0	9	0	0	40	40
Nawabshah	000	0	0	00	00	96	02	0	171	46	0	0	9	0	0	41	42
Sukkur	000	0	0	00	00	93	05	4	172	51	0	0	9	0	0	42	46
Kashmore																	
Jacobabad	000	0	0	36	02	96	01	0	178	47	0	0	9	0	0	40	45
Veraval																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	0	4	13	05	95	00	0	524	44	0	0	9	0	0	44	40
Drosh *																	
Cherat *	///	/	0	36	21	//	00	0	531	54	0	0	9	0	0	62	16
Kakul *	000	0	0	00	00	98	02	0	518	47	0	0	9	0	0	57	43
Landikotal *																	
Parachinar *	...	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...
Miranshah *	000	0	0	05	05	99	00	0	498	40	0	0	9	0	0	57	40
Wana *	000	0	0	00	00	90	00	0	528	35	0	0	9	0	0	//	//
Fort Sandeman *	000	0	0	13	02	98	02	0	526	36	0	0	9	0	0	//	34
Hindubagh *	000	0	0	23	02	97	02	0	572	33	0	0	9	0	0	25	24
Loralai *																	
Barkhan *	000	0	8	31	02	97	02	0	488	54	0	0	9	0	0	//	//
Harnai *	000	0	0	36	02	96	02	0	485	45	0	0	9	0	0	//	41
Samungli (Quetta) *	000	0	0	00	00	96	02	0	544	33	0	0	9	0	0	14	33
Chaman *	000	0	0	09	03	97	00	0	549	43	0	0	9	0	0	20	40
Nushki *	000	0	0	07	03	97	02	0	582	59	0	0	9	0	0	//	42
Dalbandin *	000	0	0	00	00	98	02	0	525	33	0	0	9	0	0	17	33
Kalat *	000	0	0	18	02	98	00	2	578	25	0	0	9	0	0	16	15
Khuzdar *																	
Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—

Departure from Normal of / Rainfall

STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—	—	1.6	—	///	—
Cox's Bazar	— 2	+ 1	0.6	— 3.4	9.0	140
Chittagong	— 1	— 1	1.2	— 1.5	105.7	103
Maijdee Court		— 1	0.4	— 1.4	128.5	115
Comilla						94
Brahmanbaria	—	—	1.3	— 0.1	55.1	78
Sylhet						98
Srimangal	— 3					
Mymensingh						91
Narayanganj	+ 5	+ 4	1.3	+ 0.2	82.1	74
Dacca (Tejgaon)	—	—	1.3	—	66.0	—
Faridpur	0	— 2	1.6	+ 0.4	5.8	71
Barisal	0					81
Khulna	+ 10	— 1	—	—	—	60
Satkhira	+ 1	0	0.2	— 1.7	61.7	65
Jessore	+	—	1.1	0.0	62.5	65
Pabna	—	—	1.0	—	66.3	59
Sirajganj	+ 2					64
Rajshahi	+ 1					—
Bogra	+ 3					69
Dinajpur	—	+ 6	—	—	—	72
Rangpur		+ 3	1.5	+ 1.0	67.6	84
Jammu						—
Lahore (Jail Rd.)	+ 3	+ 3	0.0	— 0.4	18.0	19
Sialkot	+ 7					32
Jhelum	—	—	0.0	—	31.2	—
Islamabad						—
Rawalpindi	+ 6	— 2	0.2	— 0.7	33.6	36
Campbellpur						—
Khushab	+ 3	— 3	0.0	— 0.3	7.8	18
Sargodha	—		0.1	—	20.2	—
Lyallpur	—	— 2	0.0	— 0.3	7.7	12
Sahiwal						10
Multan	+ 7	— 2	0.0	— 0.2	11.3	7
Leiah	+ 6					9
Khanpur	+ 3	/				6
Bahawalpur	+ 11	0	0.0	— 0.2	2.0	6
Fort Abbas	—	—	—	—	—	8
Chakdra						—
Peshawar	+ 7	0	0.5	— 0.1	14.8	11
Haripur		—	1.0	—	24.0	—
Bannu	—	—	0.5	—	49.5	11
D. I. Khan	+ 2	+ 1	0.0	— 0.3	6.0	9
Sibi	—	/	0.0	—	0.2	5
Nokkundi	—	—	0.0	—	0.3	3
Turbat	/	/	0.0	—	2.0	—
Jiwani	—	—	0.0	—	2.0	5
Pasni	+ 10	/	0.0	— 1.0	0.2	6
Ormara						6
Lasbela	—	/	—	—		8
Karachi (Manora)	+ 3	0	0.0	— 0.2	1.1	8
Karachi (Airport)	—	—	0.0	—	1.5	—
Nagarparkar						—
Chhor	—	—	0.0	—	0.3	7
Hyderabad	+ 4	—	0.0	— 0.2	0.3	9
Badin	+ 4	— 1	0.0	— 0.2	0.3	—
Padidan	—	—	0.0	—	0.8	—
Nawabshah		—	0.0	—	0.2	4
Sukkur	—	—	0.0	—	0.1	—
Kashmore						4
Jacobabad	+ 6	0	0.1	— 0.1	2.3	20
Veraval						26
Srinagar *						—
Gulmarg **						71
Sonamarg **						34
Dras **						3
Leh **						6
Skardu *						—
Misgar **						—
Aliabad *						5
Gilgit *						59
Murree *	+ 8	+ 6	1.0	— 0.6	41.0	18
Drosh *						29
Cherat *		— 24	0.6	— 0.5	15.0	—
Kakul *	—	—	1.0	—	34.0	—
Landikotal *						29
Parachinar *	+ 1					13
Miranshah *		0	0.0	— 0.5	2.0	11
Wana *	—	/	0.0	—	4.3	11
Fort Sandeman *	+ 11	+ 3	0.0	— 0.4	6.5	—
Hindubagh *	—	—	0.0	—	6.2	9
Loralai *						—
Barkhan *		/	0.0	—	1.0	14
Harnai *	—	—	—	—	—	9
Samungli (Quetta) *	—	—	—	—	—	8
Chaman *	+ 8	+ 4	0.0	— 1.2	4.8	—
Nushki *	—	—	0.0	—	2.6	4
Dalbandin *	+ 6	+ 8	0.0	— 0.4	0.5	7
Kalat *	+ 13	— 11	0.0	— 0.8	2.2	—
Khuzdar *						5
Panjgur *	+ 14					—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 20th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{Iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_bh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION		Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
			Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	...	00 00	012 150 10	...	490 114 //	103 044 56	576 121 56	743 20 56	940 347 56	...	...	...	...	...	...
Dacca	...	00 00	014 164 42	...	485 122 66	145 048 /J	581 048 70	753 227 72	935 34/ 34	227 541 //	...	—	...	...	...
Gilgit	...														
Jiwani	...														
Karachi	...	00 00	012 160 58	...	500 144 61	127 105 //	586 021 //	770 125 //	976 201 //	260 641 //	...	...	...	...	...
Multan	...	00 00	002 060 20	...	500 154 60	145 064 50	582 095 //	760 231 //	533 /// //	...	...	...	...	...	...
Peshawar	...	00 00	975 060 57	...	493 116 57	086 002 57	571 129 //	737 257 //	922 309 39	...	...	...	...	...	...
Quetta	...	00 00	823 012 50	...	...	105 038 //	577 107 //	756 197 //	953 237 //		...	...	...	...	...
Sargodha	...	00 00	/21 305 8/	...	580 094 64	/// /// //	566 211 //	728 295 //	929 411 //	198 501 //	...	...	...	...	...

STATION		Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_a$ DD									Max. Wind Speed	TROPOPAUSE	
												PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16		17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	...	00 00	900 130 //	800 082 //	600 035 49	...	...	...	...	...	...	...	—	—
Dacca	...	00 00	900 144 60	800 100 70	600 006 71	...	...	—	...	...	...	...	...	...
Gilgit	...				...									
Jiwani	.													
Karachi	.	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan	.	00 00	...	...	—	...	...	...	...	...	...	—	...	...
Peshawar	...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta		00 00	...	800 096 //	600 013 //	...	...	...	...	...	...	...	...	...
Sargodha	...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal	...	...	...	...	...	...			
Bogra	315 05	310 05	320 05	295 03	280 16	280 31	...	—	...
Chaklala		290 06	305 05	320 03	325 08	300 13	235 21	301 38	300 50
Chhor	450 33	200 79	072 52	290 10	701 92	290 19	290 74	295 47	290 54
Chittagong	305 07	320 02	040 02	280 04	214 7/	370 16	...	...	..
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	330 10	300 05	320 10	070 05	000 05	360 10	..	...	...
Dacca	285 06	285 06	295 07	315 03	350 06	285 15	..	..	...
Dalbandin		..	075 12	025 07	020 07	335 07	310 13	310 23	305 33
D. I. Khan	023 05	010 03	055 01	215 04	205 70	240 07	305 21	305 17	310 27
Drosh	...	...	...		...	...		—	...
Fort Sandeman	.	.	...	160 02	280 06	295 19	315 21	300 52	103 3/
Gilgit	.	...	...	...	..	...	...	...	...
Ishurdi	...					...		...	
Jacobabad	125 07	085 07	050 06	310 05	310 06	360 13	305 19	305 22	305 34
Jessore	290 50	305 04	335 04	345 04	300 16	310 33	...	...	...
Jhelum	155 02	295 04	295 11	295 10	285 06	290 15	205 23	275 28	265 33
Jiwani	225 04	255 05	285 05	325 10	275 17	270 15	290 19	285 22	/25 24
Karachi	245 03	/25 05	360 04	290 11	275 20	305 23	285 23	290 31	290 27
Khanpur	065 09	035 04	045 05	075 10	100 08	150 12	275 13	235 16	270 37
Khuzdar	...	..		090 02	225 05	320 11	300 21	300 39	285 36
Lahore	305 04	310 05	315 06	325 11	330 13	320 09	205 14	295 25	/20 30
Multan	100 07	110 08	100 01	180 11	225 17	202 0/	290 30	290 29	290 35
Nawab Shah	345 07	820 10	030 04	305 08	290 16	285 19	295 38	285 53	275 47
Nokkundi	...		245 02	275 07	015 08	305 08	295 27	290 34	280 36
Panjgur				010 07	360 07	335 09	305 27	305 41	285 41
Peshawar	..	260 03	285 03	270 08	295 16	295 22	300 19	320 38	300 53
Parachinar	.		..	075 04	320 03	300 12	/// //		
Quetta	...				290 08	285 09	280 13	290 17	300 12
Sargodha	240 04	235 02	265 02	005 07	345 04	250 11	265 11	250 33	/25 35
Skardu	...			..	...	...	..	...	...
Sylhet	215 10	220 45	230 03	120 08	080 08	045 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 1	11	12	13	14	15	16
Barisal						
Bogra	320 08	320 04	320 05	315 06	325 22	...
Chaklala	...	055 02	340 05	350 04	325 06	030 08
Chhor	320 15	325 10	334 18	330 07	255 09	...
Chittagong	..	...	...	...	...	...
Cherat	...	...	...		...	...
Cox's Bazar	355 09	355 12	345 12	315 05	...	...
Dacca	335 06	295 04	360 04		330 13	...
Dalbandin		...	065 07	060 13	360 07	330 10
D. I. Khan	215 03	215 02	215 01	225 04	270 07	345 13
Drosh	—	.	...			
Fort Sandeman	...	...	...	230 05	280 02	315 16
Gilgit	...	..	.	270 08	285 10	285 03
Ishurdi	...		...	...	...	
Jacobabad	105 04	007 54	225 03	315 04	330 04	330 06
Jessore	330 04	035 02	320 02	320 8/	320 19	315 29
Jhelum	3.5 07	305 12	320 14	315 16	335 09	010 09
Jiwani	015 09	005 08	020 04	035 07	080 04	285 12
Karachi	...			...	...	
Khanpur	010 06	005 40	030 03	120 05	185 16	230 16
Khuzdar		...		305 05	315 10	320 18
Lahore	315 04	315 06	325 06	310 07	360 10	315 13
Multan	060 03	265 03	/// //	285 08	285 07	...
Nawab Shah	010 06	305 05	360 04	025 07	030 08	325 11
Nokkundi	..	..	130 08	160 10	200 10	230 17
Panjgur	...					
Peshawar	...	250 06	280 08	350 06	340 08	30/ 10
Parachinar	...	..	...	235 03	180 04	...
Quetta				...		...
Sargodha	245 03	310 03	105 04	305 /7	310 08	295 08
Skardu	...			355 0/	/// //	...
Sylhet	090 05	075 02	115 03	110 07	005 01	310 12
Veraval	.	...	...	—	.	.

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal											
Bogra	330 05	325 05	325 05	330 12	325 ?9	315 31	265 34	265 42	265 41	...	.
Chaklala	...	135 02	095 02	[illegible]	345 02	080 5/	340 17	295 20	305 11	...	...
Chhor	070 04	030 04	055 07	085 04	215 01	310 06	290 13	291 27	295 12	..	..
Chittagong	345 06	340 08	325 09	300 11	250 7/	300 32	..	...	...	...	...
Cherat	...	...				...	...	...	..	...	.
Cox's Bazar	005 09	360 11	385 06	350 11	335 07	240 07	320 03	.		..	...
Dacca	...	.	...		...		..		..	..	..
Dalbandin	...	—	070 06	035 15	030 10	340 18	285 22	285 24	265 25	...	..
D. I. Khan	325 06	310 01	/// //	330 03	315 09	150 05	265 10	281 8/	290 23	..	..
Drosh	...	...	...			...	..	..	..	...	...
Fort Sandeman	.	...	—	220 08	310 09	325 08	300 24	2 5 35	295 41	..	...
Gilgit		...			...	...	..	...	...	...	...
Ishurdi		...	...	...	..				...	...	..
Jacobabad	110 06	110 04	105 03	260 03	270 03	330 04	290 18	295 27	295 03	...	—
Jessore	36? 06	340 07	335 06	010 06	305 11	305 2/	270 32	260 48	264 6/	..	...
Jhelum	350 05	250 96	345 0/	330 07	330 04	080 06	340 /?	320 14	320 27	...	...
Jiwani	030 13	025 12	275 15	360 13	280 22	300 11					...
Karachi	255 02	320 02	335 02	010 06	030 06	295 1/	285 16	290 23	300 25	...	-
Khanpur	010 12	340 17	315 17	290 81	220 16	210 08	160 24	145 12	150 08	..	.
Khuzdar		...	...	...			...		...	..	-
Lahore	020 03	345 04	340 05	305 11	300 11	315 17	305 27	300 22		...	...
Multan	145 03	115 03	140 03	220 05	230 05	255 07	/5 12	130 19	305 29	..	..
Nawab Shah	350 06	015 05	005 03	110 03	115 06	290 07	305 20	3?0 31	255 34	...	...
Nokkundi	...		150 06	060 03	350 9/	335 11	300 15	310 20	315 16	...	...
Panjgur	...		...	.		...		...		...	.
Peshawar	...		...	...				...			—
Parachinar	...	...	...	115 04	130 05	275 28	285 16	..	275 23	...	..
Quetta		...			280 02	305 13	290 27	275 35	275 24	.	..
Sargodha	070 02	035 03	030 01	300 04	/// /	335 15	290 6/	285 21	275 17	..	..
Skardu	...	...	...	040 03	// /	325 02	200 03	230 05	220 04	..	..
Sylhet	...	...	...	..	...	...	..	.	.	..	...
Veraval	...	...	...	...	...	...	...	..	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l —>		0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	—																		
Dacca	...																		
Gilgit	...																		
Jiwani	...																		
Karachi	...	300 02	045 02	0.5 04	010 02	295 05	305 15	290 27	280 31	280 29	.	...	..	...	..	...	...	...	..
Multan	...	040 14	180 11	320 08	235 07	345 07	345 09	305 18	310 29	310 31	...	...							
Peshawar	...									/									
Quetta	...																		
Sargodha	...																		

Cloud observation Data (IJiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

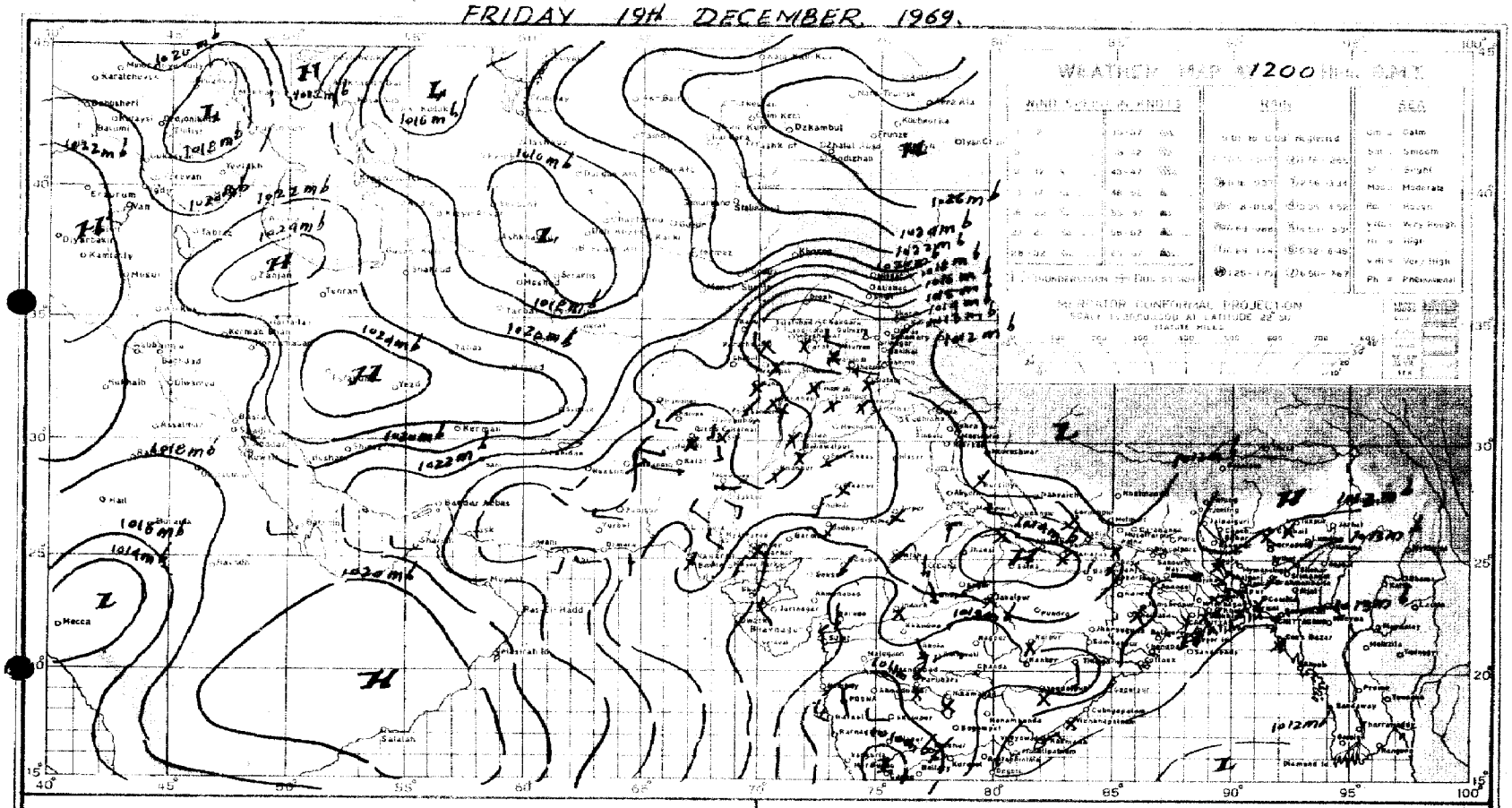
† The actual time of observations may vary within half an hour of the specified time.

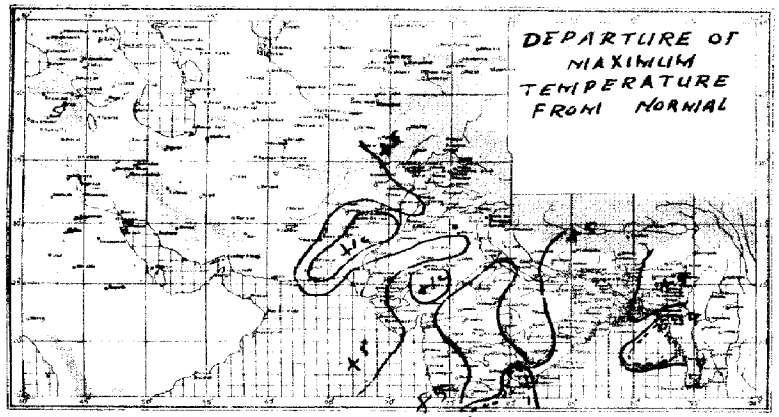
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

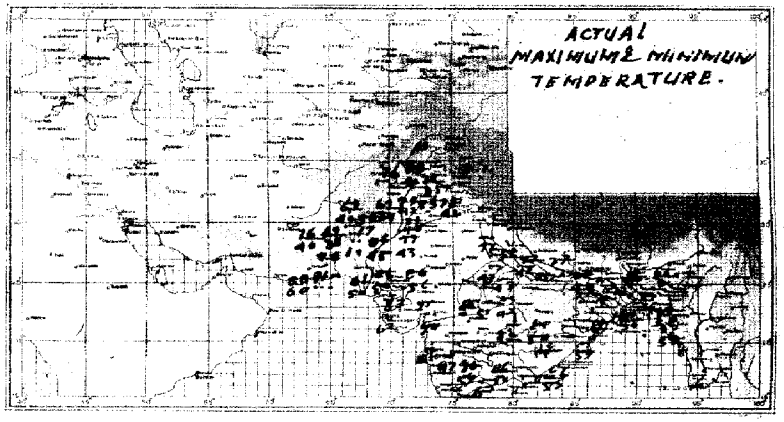
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 19th DECEMBER 1969.





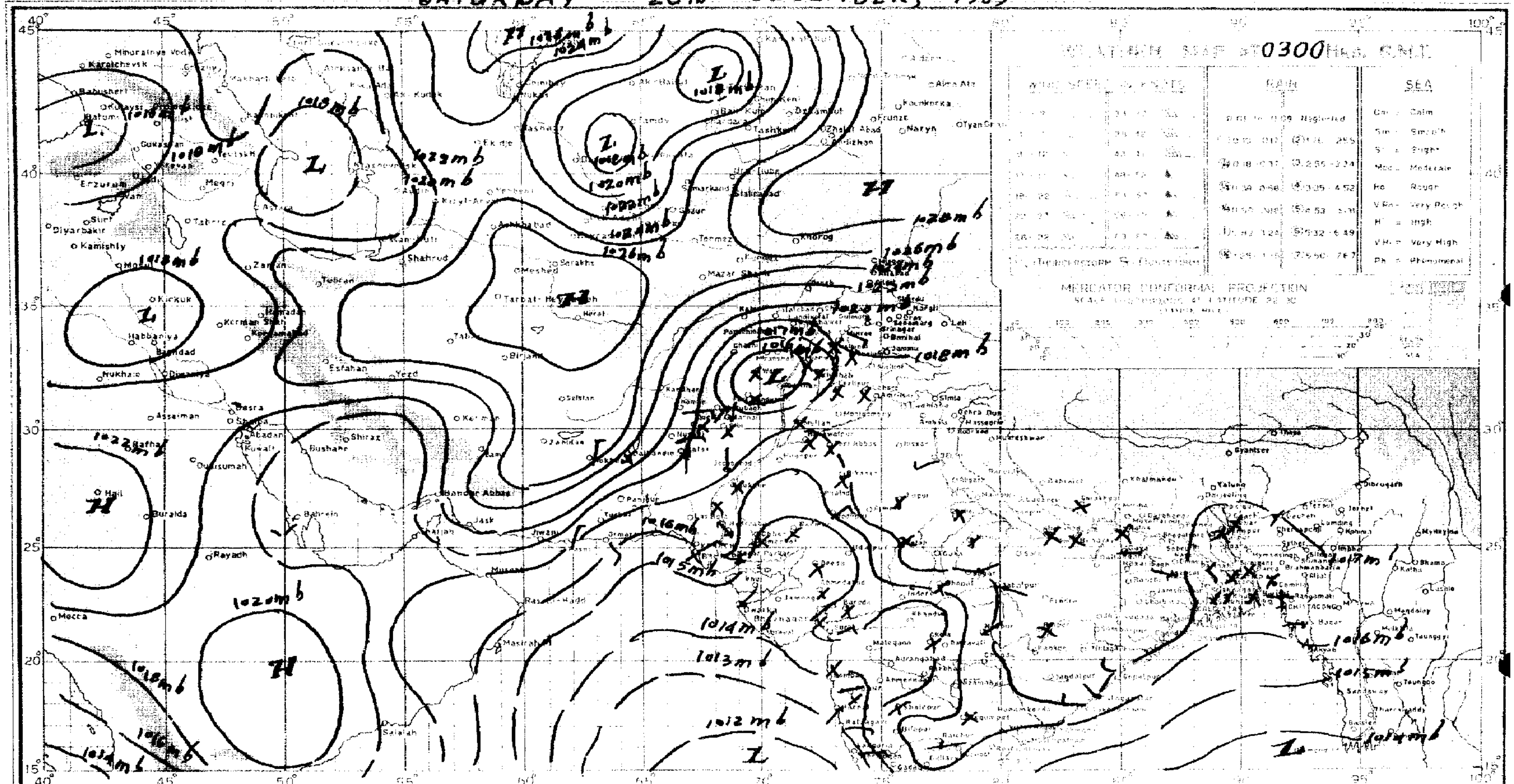


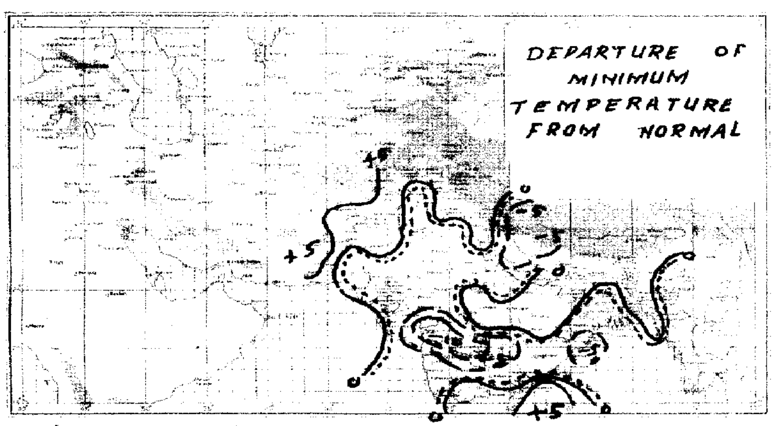
REG No 024 RWXD'61-5000 63-5000'67

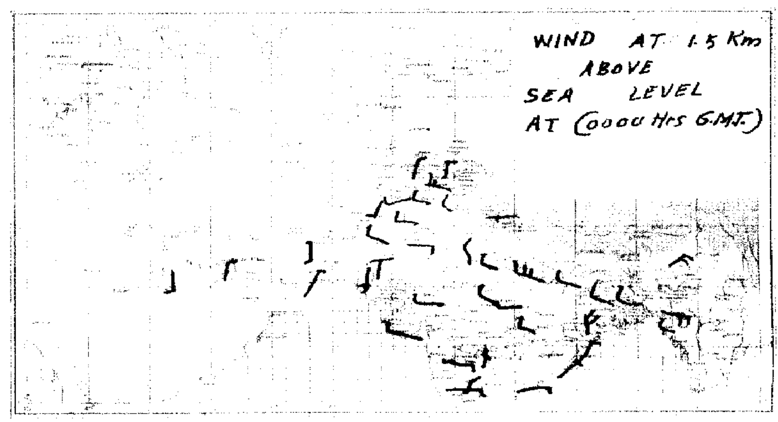
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 20th DECEMBER, 1969







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 21st DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

The western disturbance over east Russain Turkistan moved away eastwards. Its feeble secondary also moved away across Kashmir. Weather remained dry over the country.

Night temperatures were 3—5 °F (2—5 °C) above normal in Khulna, Dacca and Peshawar divisions and nearly normal elsewhere over the country.

Forecast valid until the evening of 22nd December 1969 :—Weather is likely to be mainly dry over the country.

Karachi-11
The 21st December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wx	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature * TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature *† TdTd	Maximum temperature *† TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † 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	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature *† TdTd	Minimum temperature TaTa	Departure from Normal or: Maximum temperature TxTx	Minimum Temperature TaTa	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	31	02	//	00	0	157	73	1	1	7	0	0	59	77	000	5	3	31	02	56	01	4	211	65	3	1	6	0	0	63	63	—	—	1.6	—	///	—
	Cox's Bazar	000	0	0	31	05	//	02	0	148	73	0	0	9	0	0	59	80	000	0	0	05	06	56	01	0	188	66	0	0	9	0	0	//	//	+ 1	+ 1	0.2	— 3.4	92.0	145
	Chittagong	000	0	1	31	02	//	02	0	152	72	0	0	9	0	0	67	77	000	0	0	00	00	96	01	0	198	45	0	0	9	0	0	59	56	— 1	— 0	1.3	— 1.5	105.7	103
	Matijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	9	0	00	00	97	00	0	188	72	0	0	9	0	0	58	52	— —	— 6	0.4	— 1.4	128.5	115
	Comilla	000	0	0	00	00	96	02	0	144	78	0	0	9	0	0	56	90	000	0	0	00	00	96	02	0	191	67	0	0	9	0	0	59	59	+	+ 6	—	—	—	94
	Brahmanbaria	000	0	0	00	00	//	00	0	145	73	0	0	9	0	0	64	70	000	0	0	36	02	97	00	0	189	72	0	0	9	0	0	67	58	—	—	1.3	— 0.1	55.1	78
	Sylhet	000	0	0	00	00	//	02	0	150	73	0	0	9	0	0	58	77	000	0	0	09	05	96	02	0	205	67	0	0	9	0	0	59	56	—	—	—	—	—	98
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91
Dacca	Mymensingh	000	0	0	00	00	//	00	0	139	73	0	0	9	0	0	56	78	000	0	0	05	02	97	00	0	189	67	0	0	0	0	0	61	56	+ 4	+ 2	1.3	— 0.6	77.5	74
	Narayanganj	000	0	0	00	00	//	00	0	143	76	0	0	9	0	0	58	82	000	0	0	31	02	97	00	0	193	72	0	0	9	0	0	59	59	+ 5	+ 3	1.3	+ 0.2	82.1	—
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	146	72	0	0	9	0	0	59	78	000	0	0	00	00	96	05	0	203	65	0	0	9	0	0	68	54	—	—	1.3	—	66.0	71
	Faridpur	000	0	0	34	02	93	00	0	142	70	0	0	9	0	0	56	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	...	...	...	...	81
Khulna	Barisal	000	0	9	00	00	//	02	0	149	72	2	4	5	0	0	63	78	000	0	0	00	00	97	02	4	159	67	0	0	9	0	0	61	56	+ 1	+ 1	—	—	—	68
	Khulna	000	0	0	00	00	97	00	0	156	76	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	166	70	0	0	9	0	0	59	58	+ 10	+ 4	—	—	—	65
	Satkhira	000	0	0	00	00	95	00	0	156	70	0	0	9	0	0	63	78	000	0	0	00	00	97	00	0	157	67	0	0	9	0	0	58	56	+ 1	+ 5	0.2	— 1.7	61.7	65
	Jessore	000	0	0	00	00	97	02	0	153	72	0	0	9	0	0	58	78	000	3	0	03	05	96	10	4	203	67	0	0	9	0	0	59	52	—	— 1	1.1	0.0	62.5	59
Rajshahi	Pabna	000	0	9	00	00	//	02	0	149	70	/	/	/	/	/	50	80	000	0	—	00	00	97	02	0	206	67	0	0	9	0	0	56	58	—	—	1.0	—	66.3	64
	Sirajganj	000	0	0	00	00	//	00	0	150	76	0	0	9	0	0	60	78	000	0	0	00	00	98	00	0	173	67	0	0	9	0	0	61	56	+ 1	+ 3	—	—	—	—
	Rajshahi	000	0	0	27	02	94	02	0	159	70	0	0	9	0	0	59	78	000	0	0	00	00	97	02	0	215	65	0	0	9	0	0	58	//	+ 2	/	—	—	—	69
	Bogra	000	0	0	00	00	//	02	0	147	70	0	0	9	0	0	59	78	000	0	0	31	02	96	02	0	210	68	0	0	9	0	0	58	56	+ 7	+ 3	—	—	—	73
	Dinajpur	000	0	0	00	00	//	00	0	125	70	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	196	65	0	0	9	0	0	5	54	+ 4	+ 5	—	—	—	84
	Rangpur	000	0	0	00	00	96	01	0	123	63	0	0	9	0	0	58	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	—
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	156	70	0	0	9	0	0	47	76	000	0	0	00	00	95	10	0	217	45	0	0	9	0	0	38	41	+ 4	+ 2	0.0	— 0.4	18.0	32
	Sialkot	000	0	0	00	00	95	00	0	157	60	0	0	9	0	0	49	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 10	...	...	...	...	—
Rawalpindi	Jhelum	000	0	3	13	02	96	03	0	155	64	1	0	9	3	1	45	73	000	0	3	00	00	94	10	0	221	40	0	0	9	0	1	38	39	—	—	0.0	—	31.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36
	Rawalpindi	000	0	5	00	00	98	00	0	155	63	0	0	9	0	4	14	80	000	0	1	00	00	97	00	0	234	39	0	0	9	0	/	51	38	+ 14	+ 2	0.2	— 0.7	33.6	—
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
Sargodha	Khushab	000	0	0	00	00	98	00	0	151	72	0	0	9	0	0	60	76	000	0	0	00	00	98	00	0	213	52	0	0	9	0	0	42	41	— 1	+ 1	0.0	— 0.3	7.8	—
	Sargodha	000	0	1	27	02	97	02	0	152	70	0	0	9	0	1	56	77	000	0	4	09	03	95	10	0	209	40	0	0	9	0	0	40	38	— —	— 1	0.1	—	20.2	12
	Lyallpur	000	0	0	00	00	96	00	0	145	72	0	0	9	0	0	47	73	000	0	0	00	00	95	00	0	191	43	0	0	9	0	0	51	42	+ 4	— 6	0.0	— 0.3	7.7	—
Multan	Sahiwal	000	0	0	00	00	97	02	6	154	72	0	0	9	0	0	43	76	000	1	0	00	00	94	11	0	213	41	0	0	9	0	0	38	40	+	— 1	0.0	— 0.2	11.3	10
	Multan	000	0	0	36	00	94	00	0	161	78	0	0	9	0	0	41	78	000	0	0	36	09	//	//	/	176	50	0	0	9	0	0	46	41	—	—	—	—	—	7
	Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
Bahawalpur	Khanpur	000	0	0	00	00	97	01	0	148	72	0	0	9	0	0	47	78	000	0	0	00	00	96	05	0	194	44	0	0	9	0	0	38	38	+ 3	— 5	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	147	72	0	0	9	0	0	50	78	000	0	0	00	00	96	00	0	173	56	0	0	9	0	0	40	42	+ 4	+ 2	0.0	— 0.2	2.0	8
	Fort Abbas	000	0	0	00	00	98	00	0	130	73	0	0	9	0	0	56	76	000	0	0	00	00	98	03	0	124	56	0	0	9	0	0	34	56	—	—	—	—	—	—
Peshawar	Chakdara	000	0	2	00	00	96	04	0	150	67	0	0	9	0	1	41	73	000	0	3	18	03	97	03	0	227	42	0	0	9	0	/	52	40	+ 7	+ 1	0.5	— 0.1	14.5	11
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	98	00	0	203	//	0	0	9	0	0	55	46	—	—	1.0	—	24.0	—
	Risalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
D. I. Khan	Bannu	000	0	0	00	00	99	00	1	152	67	0	0	9	0	0	45	72	000	0	5	00	00	98	02	0	221	45	0	0	9	0	0	32	42	—	—	0.5	—	5.0	9
	D. I. Khan	000	0	0	00	00	97	02	0	151	70	0	0	9	0	0	51	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	...	...	...	...	—
Quetta	Sibi	000	0	0	00	00	97	02	0	184	11	0	0	9	0	0	31	82	000	0	0	00	00	97	02	0	204	41	0	0	9	0	0	23	41	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	36	02	97	02	0	163	73	0	0	9	0	0	30	74	000	0	0	00	00	97	02	0	240	44	0	0	9	0	0	12	41	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	015	84	0	0	9	8	0	26	84	000	0	0	05	02	96	00	0	256	62	0	0	9	0	0	28	//	—	—	0.0	—	2.0	—
	Jiwani	000	0	0	56	03	96	03	0	147	82	0	0	9	0	0	41	84	000	0	0	00	00	96	02	0	183	59	0	0	9	0	0	53	58	—	—	0.8	—	2.0	5
	Panjgur	000	0	0	11	04	97	02	0	144	81	0	0	0	0	0	65	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5	...	...	...	...	6
Karachi division	Ormara	///	0	0	00	00	98	00	0	130	86	0	0	8	0	0	69	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Lasbela	000	0	0	00	00	//	02	0	157	63	0	0	9	0	0	54	//	000	0	0	05	02	96	02	0	169	61	0	0	9	0	0	49	//	/	/	0.0	— 0.2	1.1	9
	Karachi (Manora)	000	0	0	00	00	//	02	0	134	80	0	0	9	0	1	41	85	000	0	0	00	00	96	02	0	180	51	0	0	9	0	8	34	50	— /	—	2.0	—	1.5	—
	Karachi (Airport)	000	0	1	23	02	96	01	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	111	84	0	0	0	0	0	45	//	000	0	0	05	08	97	02	0	084	65	0	0	0	0	0	43	65	—	—	—	—	—	9
	Chhor	000	0	0	00	00	96	02	0	135	87	0	0	9	0	0	44	89	000	0	0	00	00	96	02	0	171	44	0	0	9	0	0	31	43	—	—	—	—	—	—
	Hyderabad	000	0	0	31	02	97	02	0	148	79	0	0	9	0	0	11	82	000	0	0	30	13	97	02	0	184	56	0	0	9	0	0	42	55	+ 5	+ 4	0.0	— 0.2	0.3	—
	Badin	000	0	0	36	04	97	02	0	144	82	0	0	9	0	0	38	84	000	0	0	00	00	96	02	0	163	52	0	0	9	0	0	46	48	+ 4	— 2	0.0	— 0.2	0.3	—
Khairpur	Padidan	000	0	0	36	02	97	02	0	141	76	0	0	9	0	0	41	79	000	0	0	36	03	96	02	0	193	47	0	0	9	0	0	41	42	—	—	0.0	—	0.8	4
	Nawabshah	000	0	0	31	05	96	02	0	147	78	0	0	9	0	0	56	81	000	0	0	31	05	96	02	0	192	46	0	0	9	0	0	44	44	—	—	0.0	—	0.2	—
	Sukkur	000	0	0	13	02	96	02	0	134	78	0	0	9	0	0	46	79	000	0	0	05	02	93	05	4	192	49	0	0	9	0	0	42	47	—	—	0.0	—	0.1	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	Jacobabad	000	0	0	00	00	97	02	0	149	76	0	0	9	0	0	48	79	000	/	/	//	//	96	02	0	199	49	0	0	9	0	0	40	//	+ 5	/	0.1	— 0.1	2.5	26
Saurashtra	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	HILL STATIONS																																								
Kashmir	Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71
	Gulmarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
	Sonamarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
	Dras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Leh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Minar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39
	Aliabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
Rawalpindi	Murree	000	0	4	05	03	98	00	1	508	51	0	0	9	0	4	16	56	000	0	2	00	03	98	01	1	549	42	0	0	9	0	4	50	35	+ 18	+ 2	1.0	— 0.6	41.0	10
Peshawar	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
	Chitral	000	0	2	36	10	98	01	0	523	58	2	0	7	4	0	13	60	000	0	0	36	02	98	00	0	533	50	0	0	9	0	0	59	42	+ 7	+ 1	0.4	— 0.6	15.2	—
	Kakul	000	0	1	18	22	96	05	1	515	54	0	0	9	2	0	25	67	000	0	6	00	00	98	03	1	534	47	0	0	9	0	5	59	42	—	—	1.0	—	34.0	39
	Landikotal	000	0	0	31	05	98	01	0	632	60	0	0	9	0	0	23	63	000	0	0	36	02	98	03	0	608	38	0	0	9	0	0	45	//	—	—	—	—	—	13
	Parachinar	000	0	0	16	03	98	00	8	420	56	6	0	9	0	0	13	60	000	0	1	36	02	98	03	0	556	38	0	0	9	0	/	//	34	—	+ 3	—	—	—	11
D.I. Khan*	Miranshah	000	0	0	05	05	99	00	0	516	70	0	0	9	0	0	27	//	000	0	0	05	05	99	00	0	491	49	0	0	9	0	0	57	40	/	—	0.0	— 0.5	2.0	11
	Wana	000	0	0	00	00	99	00	0	470	64	0	0	9	0	0	40	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Quetta	Fort Sandeman	000	0	0	63	02	98	02	0	492	63	0	0	9	0	0	//	61	000	0	4	00	00	97	03	0	536	35	0	0	9	0	6	//	36	+ 5	+ 7	0.0	— 0.4	6.5	9
	Hindubagh	000	0	0	20	05	96	02	0	508	57	0	0	9	0	0	//	65	000	0	0	23	02	97	02	0	582	32	0	0	9	3	0	13	//	—	/	0.0	—	6.2	14
	Loralai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
	Barkhan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Harnai	000	0	0	00	00	96	02	0	494	69	0	0	9	0	0	//	74	000	0	4	36	02	96	02	0	496	45	0	0	9	0	1	//	43	—	—	—	—	—	—
	Samungli (Quetta)	000	0	0	00	00	97	02	0	534	51	0	0	9	0	0	22	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Cheman	000	0	0	27	03	97	00	0	516	63	0	0	9	0	0	27	66	000	0	0	09	03	97	00	0	549	43	0	0	9	0	0	20	40	+ 11	+ 5	0.0	— 1.2	4.8	4
	Nushki	000	0	3	31	03	97	02	0	970	64	0	0	9	0	0	31	//	000	0	0	00	00	97	03	0	556	51	0	0	9	0	0	17	45	/	—	0.0	—	2.6	7
	Dalbandin	000	0	0	05	04	98	02	0	544	65	0	0	9	0	0	18	68	000	0	0	00	00	98	07	0	527	36	0	0	9	0	0	17	33	+ 5	+ 2	0.0	— 0.5	0.5	—
Kalat	Kalat	000	0	0	31	02	98	00	2	539	54	0	0	9	8	0	49	67	000	0	0	18	02	98	00	2	568	28	0	0	9	0	0	13	23	+ 13	— 3	0.0	— 0.8	2.2	8
	Khuzdar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 989 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 21st DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_o$L$_o$	Q$_c$L$_o$L$_o$L$_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$ h$_s$	OT$_s$T$_s$T$_s$T$_d$	1T$_w$T$_w$T$_{wx}$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 29	10 6 06	20 0 03	03 5 09	99 0 20	16 4 24	00 9 00	23 7 10			05 2 18		30 3 02	
Dwarka	99 2 41	13 6 33	20 2 63	03 6 09	98 0 20	17 9 24	00 9 00	23 1 12			05 3 21		30 2 02	
Dwarka	99 2 37	10 5 92	19 1 83	20 6 08	98 0 21	18 6 25	25 5 09	21 4 00			00 4 22		30 2 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (P$_o$P$_o$P$_o$ T$_o$T$_o$T$_o$ D$_o$D$_o$)	1000 mb (hhh TTT$_a$ DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	813 144 17	...	485 102 50	094 004 56	572 147 56	758 247 38	942 391 56	208 573 / /	...	...	...	...	...
Dacca ...	00 00	017 163 01	...	490 102 59	131 026 59	576 156 / /	746 233 60	949 373 59	217 577 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	012 106 60	...	540 050 49	032 021 / /	...	...	...	...	...	...	...	...	...
Multan ...	00 00	004 060 20	...	500 064 40	064 400 / /	568 145 / /	735 225 / /	944 281 / /	131 243 / /	...	...	...	...	...
Peshawar ...	00 00	977 052 56	...	470 094 57	088 007 57	570 151 / /	735 271 / /	937 417 / /	201 549 / /	...	...	...	...	...
Quetta ...	00 00	825 015 61	...	...	122 042 / /	576 165 / /	741 235 / /	940 327 / /	...	...	...	...	...	...
Sargodha ...	00 00	997 074 40	...	440 068 25	059 041 33	584 191 / /	727 275 / /	930 371 / /	205 455 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T$_a$ DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	P$_t$T$_t$P$_t$T$_t$T$_t$T$_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 126 50	800 078 43	600 059 36	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 124 57	800 076 60	600 057 60	...	...	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 078 / /	600 047 / /	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd ff)									At 0000 hrs. G.M.T.† of date (dd ff)						At 0600 hrs. G.M.T.† of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	340 03	340 03	325 03	290 05	300 14	290 13	265 27	...	...	015 12	015 09	020 11	355 06	275 10	270 14	005 08	020 10	020 / /	010 10	325 13	335 26	283 31	...	...	...	...
Bogra ...	260 03	260 02	245 02	...	335 03	...	...	...	...	310 08	360 03	340 05	315 03	285 02	280 13	315 45	233 33	340 04	010 03	360 07	280 13	251 19	...	...	...	...
Chaklala ...	...	270 08	290 06	300 00	283 04	300 05	160 04	065 02	285 23	...	085 06	/ / / /	/ / 5 02	280 07	310 07	...	130 07	065 01	200 01	355 06	185 08	190 27	295 19	280 26	...	...
Chhor ...	025 07	020 05	015 05	050 04	310 07	285 11	285 20	295 32	201 7/	055 17	055 16	040 15	005 10	300 14	210 17	080 09	015 07	020 05	030 05	055 03	245 05	260 17	270 27	260 34	...	...
Chittagong ...	349 61	355 05	030 04	285 11	305 15	285 19	...	...	...	...	...	...	...	...	...	345 10	010 09	018 08	275 08	255 13	245 17	260 31	255 54	245 60	...	...
Cherat ...																									...	...
Cox's Bazar ...	335 13	335 13	005 09	030 08	005 08	335 10	...	...	...	005 14	360 17	355 16	355 08	345 03	230 03	360 13	360 12	360 08	030 03	330 06	270 04	275 06	255 12	275 06	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	360 10	360 09	020 07	...	295 04	...	355 09	020 04	360 02	360 01	355 02	275 13	285 12	275 23	270 28	...	...
Dalbandin ...	...	...	080 07	040 06	005 08	020 15	300 17	320 17	205 18	...	...	050 04	040 10	011 3/	335 14	...	...	075 06	045 09	010 15	345 19	/ / / /	350 09	310 15	...	...
D. I. Khan ...	085 02	255 01	255 03	340 03	315 03	235 10	205 18	305 25	280 28	305 06	310 08	345 09	355 05	055 06	090 06	190 01	355 03	355 05	100 05	100 03	285 08	255 27	275 30	275 23	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	061 01	035 15	020 06	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	350 04	260 02	290 17	290 26	290 41	285 47	...	...	...	220 03	295 03	005 05	...	...	...	230 04	765 03	225 07	285 17	285 23	275 59	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	100 03	140 04	/ / / /	340 08	300 04	271 21	202 61	290 18	285 20	065 05	105 20	255 01	195 02	205 04	265 07	105 10	065 09	015 09	100 11	245 02	065 08	250 09	260 28	260 38	...	...
Jessore ...	345 06	345 05	350 04	020 03	320 03	290 10	...	...	...	010 06	260 06	345 06	345 15	345 1.	330 02	005 03	355 03	355 06	300 91	305 17	202 41	270 33	275 41	...	...	...
Jhelum ...	140 04	265 05	290 08	310 08	315 06	210 04	075 03	285 20	...	030 04	075 04	050 04	010 07	345 17	325 10	355 01	080 01	105 05	350 04	345 05	280 03	290 14	285 26	280 31	...	...
Jiwani ...	015 06	040 09	040 05	255 11	335 11	330 11	280 12	295 17	285 27	060 11	035 08	015 08	360 03	030 12	311 17	040 13	055 16	035 15	100 13	351 15	310 22	310 23	315 23	305 23	...	...
Karachi ...	285 01	025 03	060 02	300 04	305 09	290 13	290 19	290 02	295 23	...	...	...	...	...	...	085 04	025 03	030 04	045 04	290 06	295 14	260 25	275 21	290 05	...	...
Khanpur ...	070 06	085 05	085 06	200 56	233 17	210 14	295 27	295 33	295 54	360 08	025 08	/ / / /	070 04	170 06	190 0	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	275 04	320 06	295 07	305 22	300 17	295 25	...	...	...	275 04	320 06	295 07	...	...	...	035 03	035 04	335 05	315 10	315 12	325 11	...	...
Lahore ...	260 04	250 05	240 05	245 07	265 10	295 11	315 11	325 10	315 15	145 07	145 01	030 02	346 02	285 08	270 06	110 01	150 01	300 02	300 06	330 04	310 51	305 09	295 13	300 15	...	...
Multan ...	150 03	150 03	155 06	220 08	235 22	235 20	300 35	280 25	285 53	060 03	335 01	235 08	260 06	290 05	275 15	055 07	100 07	120 06	120 03	290 01	200 06	225 04	250 27	295 34	...	...
Nawab Shah ...	355 05	845 0/	115 02	070 01	305 08	305 15	285 27	294 07	280 40	035 08	045 07	090 07	145 06	325 04	255 07	035 14	100 03	150 02	225 04	285 16	...	...	...	...	...	...
Nokkundi ...	...	...	320 03	330 07	010 11	320 08	290 15	285 09	300 13	...	...	010 05	340 07	325 08	000 09	...	...	130 04	165 04	210 03	195 10	235 15	250 17	250 19	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	160 02	280 05	315 08	305 13	300 12	310 14	...	280 17	...	315 02	020 02	330 02	310 09	345 08	...	015 04	355 07	350 05	285 06	295 02	290 13	295 28	310 24	...	...
Parachinar ...	...	...	...	020 01	150 10	310 23	310 0/	...	295 25	...	...	...	068 03	350 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	280 05	315 14	295 23	295 26	300 25	...	...	...	...	310 04	325 08	...	...	...	...	160 03	150 10	...	...	...	...	...
Sargodha ...	280 01	210 04	255 03	315 06	290 0/	300 09	300 21	255 27	290 36	090 03	070 01	030 01	090 02	045 03	010 07	075 04	130 03	135 01	295 01	100 02	330 06	202 11	285 31	280 29	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	200 01	/ / / /	255 07	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	/ / / /	/ / / /	/ / / /	105 09	210 / /	290 03	...	...	...	059 12	050 05	060 04	050 07	310 07	335 02	080 05	080 05	095 04	050 05	310 05	285 14	265 34	210 36	270 54	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	40.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	310 08	310 08	005 07	005 05	115 03	270 07	025 / /	265 32	265 25	-	...	...	...	...	...	...	...	...
Multan ...	280 01	211 / /	210 02	283 03	280 05	290 14	300 31	295 47	125 64	...	...							
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (Hill Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(height)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T$_a$—Approximate tenth value in (0 °C) even values indicate positive and odd

[illegible] values indicate negative temperatures.

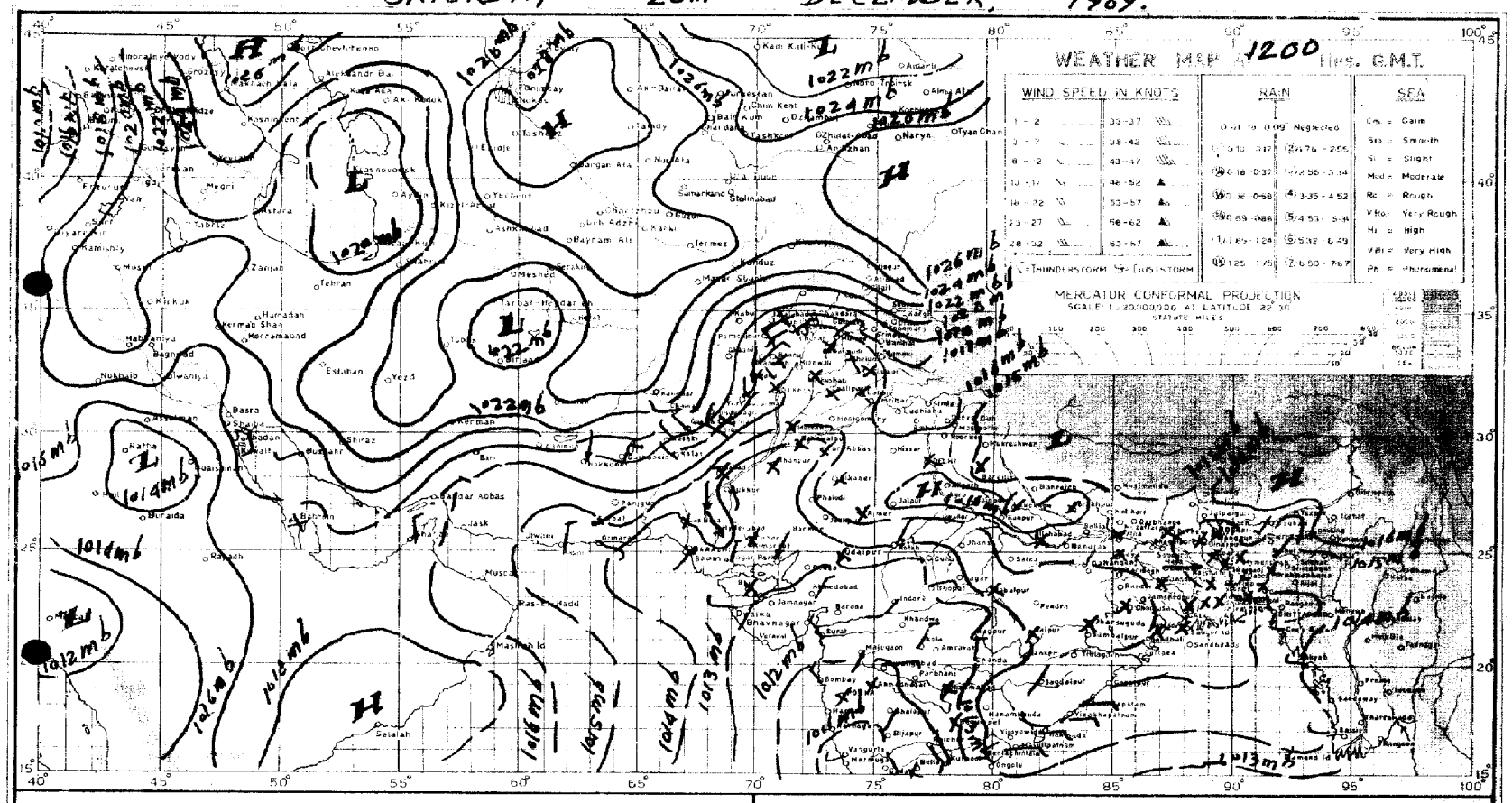
† The actual time of observations may vary within half an hour of the specified time.

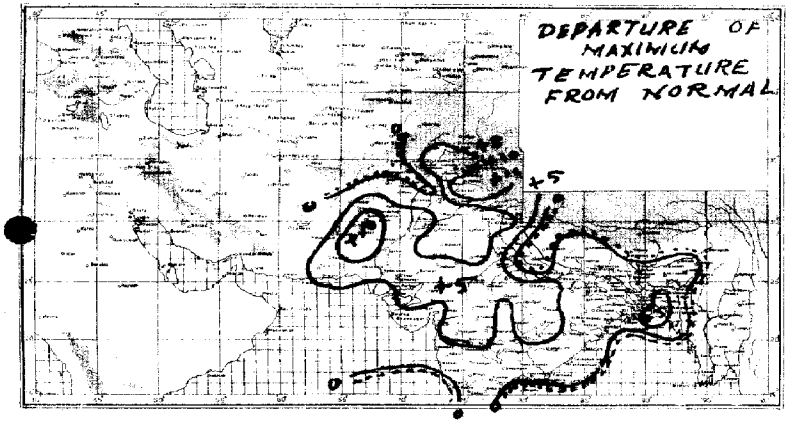
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next one figure give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots. 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

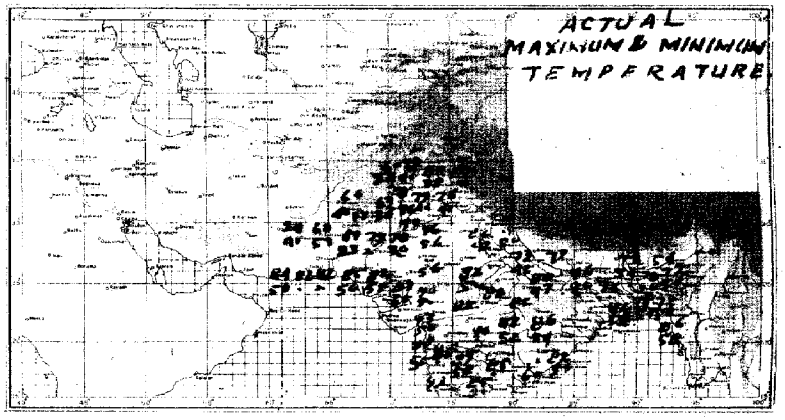
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (AIR Port), KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 20th DECEMBER, 1969.





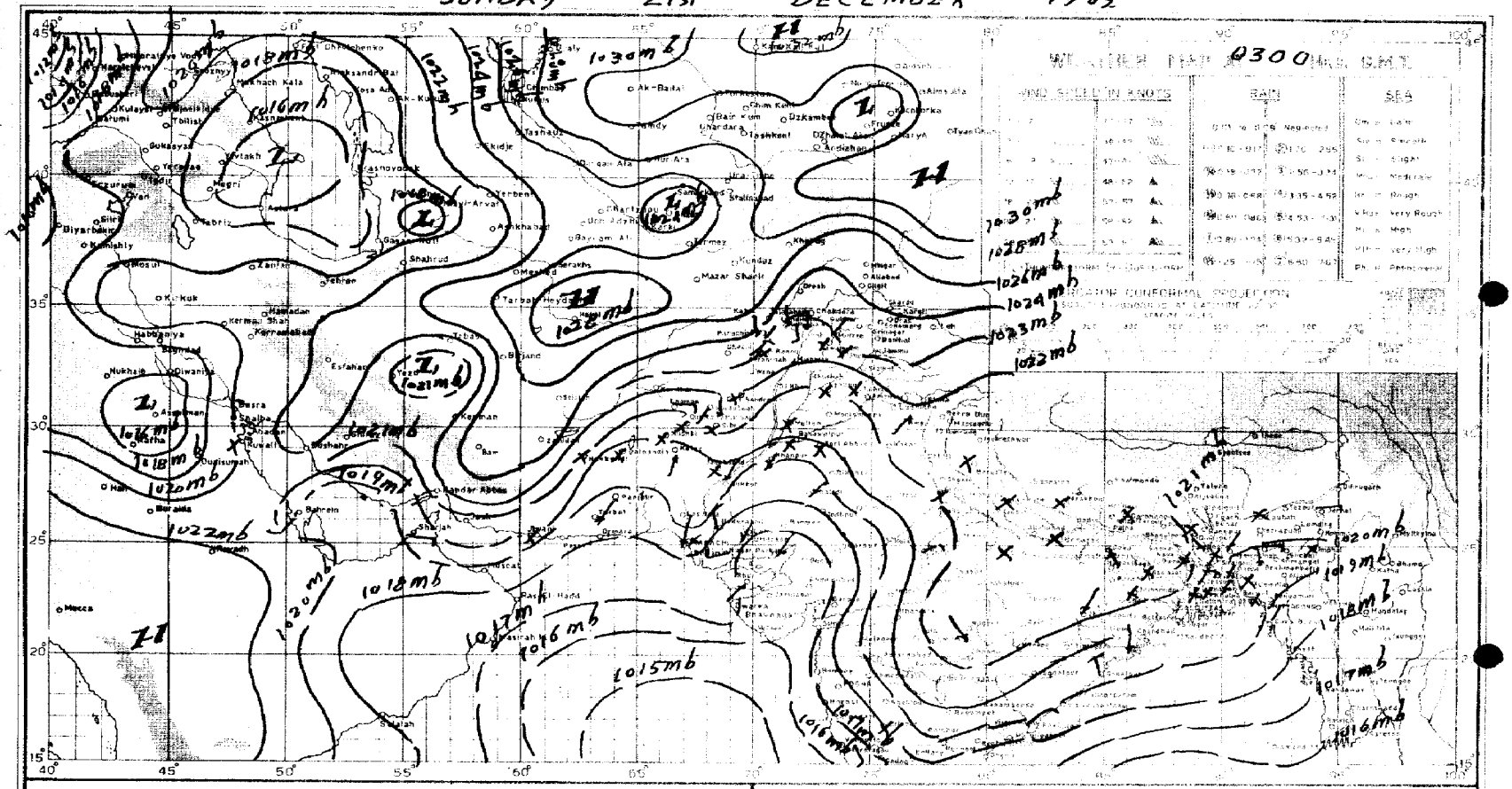


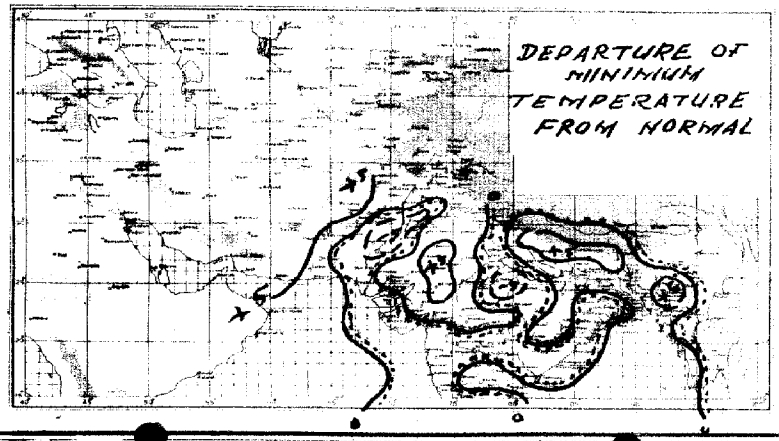
REG. No. 1024 RWXD'61-5,000'63-5,000'67.

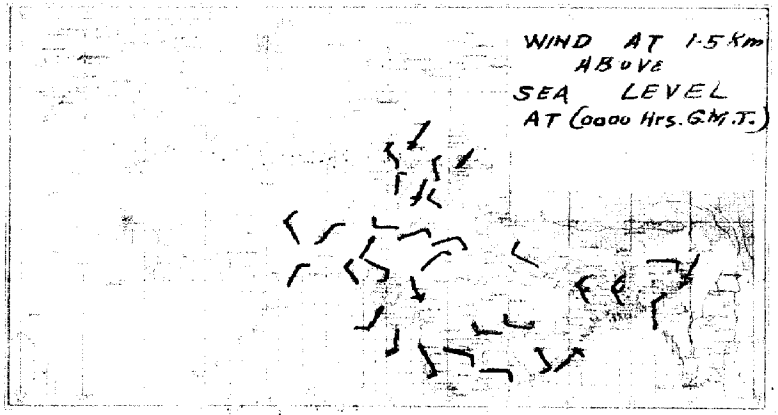
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

SUNDAY 21st DECEMBER 1969







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 22nd DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Dry continental air prevails over the country.
Weather remained dry over the country.
Night temperatures were 3—8 °F (2—4 °C) above normal in Khairpur, Peshawar, Dacca, Rajshahi and Chittagong divisions and nearly normal elsewhere over the country.

Forecast valid until the evening of 23rd December 1969 :— Weather is likely to remain dry over the country.

Karachi-11
The 22nd December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Maximum temperature *† (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	1	31	05	//	01	0	167	72	1	1	7	0	0	58	78																								
	Cox's Bazar	000	0	0	34	06	//	02	0	156	70	0	0	9	0	0	59	80	000	0	0	05	03	97	01	0	196	68	0	0	9	0	0	59	55	—	+ 1	+ 1	0.7	— 3.	91.9	140
	Chittagong	000	0	0	00	00	//	02	0	158	72	0	0	9	0	0	60	78	000	0	0	05	03	96	02	0	203	64	0	0	9	0	0	59	58	+ 1	+ 2	1.2	— 1.5	105	163
	Maijdee Court																																									117
	Comilla	000	0	0	00	00	//	02	0	159	70	0	0	9	0	0	59	80	000	0	0	00	00	96	02	0	241	67	0	0	9	0	0	59	61	+ 4	+ 8	—	—	—	94
	Brahmanbaria	000	0	0	00	00	//	00	0	158	76	0	0	9	0	0	61	82	000	0	0	00	00	95	05	0	186	57	0	0	9	0	0	55	//	—	—	1.3	— 0.1	55.1	74
	Sylhet	000	0	0	00	00	98	02	0	159	70	0	0	9	0	0	59	80	000	0	0	00	01	96	02	0	201	65	0	0	9	0	0	59	56	—	—	—	—	—	98
	Srimangal	000	0	0	00	00	98	00	0	164	63	0	0	9	0	0	47	82	000	0	0	00	00	96	00	0	206	65	0	0	9	0	0	61	46	+ 2	—	—	—	—	—
Dacca	Mymensingh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	03	02	9	00	0	215	68	0	0	9	0	0	59	56		+ 2	0.3	— 0.7	77.6	91
	Narayanganj	000	0	0	00	00	//	00	0	166	73	0	0	9	0	0	58	82	000	0	0	00	00	97	00	0	210	68	0	0	9	0	0	58	//	+ 5	/	1.3	+ 0.2	81.1	74
	Dacca (Tejgaon)	000	0	0	00	00	96	03	0	161	72	0	0	9	0	0	56	78	000	0	0	30	02	96	05	0	208	64	0	0	9	0	0	69	57	—	—	1.3	—	65.9	71
	Faridpur	000	0	0	34	02	93	00	0	159	70	0	0	9	0	0	56	76	000	0	0	00	00	97	00	0	205	68	0	0	9	0	0	63	56	+ 1	+ 3	—	—	—	—
Khulna	Barisal	000	0	0	00	00	//	03	0	166	70	0	0	9	0	0	60	78	000	0	0	00	00	96	02	0	208	56	0	0	9	0	0	37	54	+ 1	—	—	—	—	81
	Khulna	000	0	0	00	00	97	00	0	144	76	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	156	73	0	0	9	0	0	45	58	+ 5	—	—	—	—	68
	Satkhira	000	0	0	34	00	95	00	0	156	70	0	0	9	0	0	63	80	000	0	0	36	01	97	00	0	215	65	0	0	9	0	0	53	52	+ 1	+ 1	0.2	— 1.7	61.7	65
	Jessore	000	0	0	00	00	96	02	0	169	70	0	0	9	0	0	54	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					
Rajshahi	Pabna	000	0	0	00	00	99	00	0	166	70	0	0	9	0	0	58	80	000	0	0	00	00	97	02	0	211	67	0	0	9	0	0	54	56	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	00	00	//	00	0	174	73	0	0	9	0	0	60	78	000	0	0	00	00	98	00	0	209	67	0	0	9	0	0	56	56	+ 2	+ 3	—	—	—	64
	Rajshahi	000	0	0	00	00	96	02	0	165	72	0	0	9	0	0	59	78	000	0	0	05	02	97	02	0	219	61	0	0	9	0	0	56	54	—	—	—	—	—	—
	Bogra	000	0	1	08	00	96	02	0	167	70	1	0	9	0	0	58	78	000	0	0	36	04	96	02	0	207	65	0	0	9	0	0	54	54	+ 3	+ 1	—	—	—	69
	Dinajpur	000	0	0	00	00	//	00	0	165	80	0	0	9	0	0	56	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					72
Rangpur	Rangpur	000	0	0	00	00	96	01	0	162	63	0	0	9	0	0	58	78	000	0	1	00	00	96	00	0	189	63	1	0	9	1	0	55	54	— 3	+ 4	—	—	—	84
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	05	0	191	63	0	0	9	0	0	51	73	000	0	0	00	00	93	10	0	230	45	0	0	9	0	0	48	40	+ 2	+ 1	0.0	— 0.4	18.0	19
	Sialkot																																									32
Rawalpindi	Jhelum	000	0	1	00	00	96	02	1	192	62	0	0	9	0	0	45	73	000	0	3	00	00	94	10	0	232	//	0	0	9	0	0	38	//	—	—	—	—	—	—
	Islamabad																																									—
	Rawalpindi	000	0	0	00	00	99	00	0	194	60	0	0	9	0	0	06	72	000	0	2	02	02	97	00	0	243	36	0	0	9	0	8	32	32	+ 7	— 5	0.2	— 0.8	33.6	36
	Campbellpur																																									—
Sargodha	Khushab	000	0	0	00	//	98	00	0	185	72	0	0	9	0	0	56	73	000	0	0	00	00	96	04	0	208	42	0	0	9	0	0	40	40	+ 3	—	0.0	— 0.3	7.8	13
	Sargodha	000	0	0	00	00	96	04	0	190	67	0	0	9	0	0	54	72	000	0	3	00	00	93	44	0	229	40	0	0	9	0	2	38	38	—	—	0.1	—	20.2	13
	Lyallpur	000	0	0	00	00	96	00	0	185	70	0	0	9	0	0	47	73	000	0	0	00	00	95	00	0	223	4.	0	0	9	0	0	38	//	+ 5	—	0.0	— 0.3	7.7	19
Multan	Sahiwal																																									7
	Multan	000	0	0	08	00	97	01	0	181	70	0	0	9	0	0	47	72	000	0	0	00	00	97	04	0	///	45	0	0	9	0	1	36	40	+ 3	— 1	0.0	— 0.3	11.3	8
	Leiah	000	0	0	36	00	94	02	0	153	78	0	0	9	0	0	56	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
Bahawalpur	Khanpur	000	0	1	36	03	96	03	0	173	72	0	0	9	0	1	52	76																								6
	Bahawalpur	000	0	0	00	00	96	00	0	180	70	0	0	9	0	0	49	78	000	0	0	00	00	96	00	0	174	56	0	0	9	0	0	40	41	+ 3					6
	Fort Abbas	000	0	0	00	00	98	00	0	180	73	0	0	9	0	0	56	73	000	0	0	23	02	96	03	0	174	56	0	0	9	0	0	46	56	+ 5	+ 1	0.0	— 0.2	2.0	8
Peshawar	Chakdara																																			—	—	—	—	—	—	—
	Peshawar	000	0	1	00	00	96	05	0	195	67	0	0	9	0	1	38	70	000	0	7	00	00	96	04	2	244	42	0	0	9	0	7	39	41	—	—	—	—	—	11
	Haripur	000	0	8	13	02	98	00	0	150	67	0	0	9	0	0	36	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	+ 2	0.5	— 0.2	14.8	—
D. I. Khan	Bannu	000	0	1	00	00	99	04	1	185	64	0	0	9	0	2	40	70	000	0	5	00	00	98	02	1	231	45	0	0	9	0	0	42	42	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	144	70	0	0	9	0	0	47	72	000	0	0	00	00	97	02	0	231	42	0	0	9	0	0	42	40	+ 2	+ 1	—	—	—	9
Quetta	Sibi	000	0	2	10	30	97	02	0	172	79	0	0	9	0	0	48	82	000	0	2	00	00	97	03	1	232	44	2	0	9	0	0	36	41	—	—	0.0	—	0.2	5
	Nokkundi	000	0	4	00	00	97	02	0	174	70	0	0	9	0	0	27	72	000	0	0	05	03	97	02	0	253	47	0	0	9	0	0	30	44	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	05	02	96	00	0	///	84	0	0	9	0	0	13	84	000	0	0	09	02	96	00	0	///	56	0	0	9	0	0	20	//	—	—	0.0	—	2.0	—
	Jiwani	000	0	1	13	02	96	03	0	162	79	0	0	9	0	1	43	83	000	0	0	00	00	96	02	0	194	62	0	0	9	0	0	53	58	—	—	0.8	—	2.0	8
	pasni	000	0	0	25	00	97	02	0	164	81	0	0	9	0	0	65	82	000	0	8	29	04	97	02	0	199	58	0	0	9	0	0	50	//	+ 5	/	0.0	—	0.3	6
Karachi division	Ormara																																									6
	Lasbela	000	0	0	00	00	98	00	0	157	8.	0	0	8	0	0	67	89	000	0	2	00	03	98	00	0	187	54	0	0	8	0	0	46	39	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	23	03	97	02	0	159	84	0	0	9	0	0	44	84	000	0	6	05	02	96	03	0	189	63	0	0	9	0	0	44	//	—	—	—	—	—	8
	Karachi (Airport)	000	0	0	09	03	96	02	0	158	80	0	0	9	0	0	29	84	000	0	2	02	03	96	03	0	199	56	0	0	9	0	1	28	49	— /	—	0.0	— 0.2	1.1	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	171	83	0	0	9	0	0	46	88	000	0	0	05	02	97	02	0	204	45	0	0	9	0	0	42	65	—	—	—	—	1.5	—
	Chhor	000	0	0	05	03	96	02	0	153	82	0	0	9	0	0	30	87	000	0	0	00	10	//	02	0	166	49	0	0	9	0	0	36	//	—	—	—	—	—	—
	Hyderabad	000	0	0	34	07	97	02	0	170	75	0	0	9	0	0	44	81	000	0	0	36	03	97	02	0	209	56	0	0	9	0	0	42	55	—	—	0.0	—	0.3	7
	Badin	000	0	0	36	03	97	02	0	144	81	0	0	9	0	0	39	83	000	0	0	36	08	96	02	0	174	51	0	0	9	0	0	40	49	+ 4	+ 4	0.0	— 0.2	0.3	9
Khairpur	Padidan	000	0	0	31	03	96	02	0	169	75	0	0	9	0	0	42	77	000	0	0	31	03	96	02	0	236	44	0	0	9	0	0	39	43	+ 4	+ 1	0.0	— 0.2	0.3	—
	Nawabshah	000	0	0	31	09	96	02	0	173	75	0	0	9	0	0	49	78	000	0	0	31	03	96	02	0	220	47	0	0	9	0	0	41	45	—	—	0.0	—	0.8	4
	Sukkur	000	0	0	13	02	96	02	0	149	76	0	0	9	0	0	46	78	000	0	0	05	05	95	05	4	223	50	0	0	9	0	0	41	47	—	—	0.0	—	0.2	—
	Kashmore																																							0.1		4
	Jacobabad	000	0	0	00	00	97	02	0	182	75	0	0	9	0	0	45	//	000	0	0	00	00	96	02	0	223	49	0	0	9	0	0	39	47	/	+ 3	0.1	— 0.1	2.8	30
Junagadh	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinager *																																									71
	Gulmarg **																																									36
	Sonamarg **																																									3
	Dras *																																									4
	Leh **																																									—
	Skardu *																																									8
	Minar **																																									89
	Alisbag *																																									
	Gilgit *																																									
Rawalpindi	Murree *	000	0	0	09	00	98	00	1	540	47	0	0	9	0	0	26	58	000	0	4	05	03	97	01	1	557	40	0	0	9	0	0	47	35	+ 3	+ 2	1.0	— 0.9	41.0	18
Peshawar	Drosh *	000	0	3	06	10	97	02	0	541	50	0	0	9	0	2	11	54																		+ 5					39
	Chitral *	000	0	0	00	08	98	00	0	551	56	0	0	9	0	0	34	64	000	0	5	36	16	97	02	2	507	48	/	/	/	/	0	52	45	+ 12	+ 4	0.6	— 0.6	15.2	—
	Kakul *	000	0	2	13	03	96	05	1	538	51	0	0	9	0	3	27	63	000	0	6	00	00	98	03	0	532	45	0	0	9	0	5	45	41	—	—	1.0	—	83.9	29
	Landikotal *	000	0	0	36	02	98	03	0	526	56	0	0	9	0	0	34	63	000	0	6	36	02	98	03	0	///	//	/	/	/	/	/	58	53	—	—	—	—	—	18
	Parachinar *	000	0	3	16	00	98	03	0	548	50	1	0	9	3	4	14	56	000	0	3	07	03	98	01	2	566	30	0	0	9	0	4	//	35	+ 4	+ 5	—	—	—	—
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	462	64	0	0	9	0	0	34	67	000	0	0	05	05	99	00	0	595	45	0	0	9	0	0	32	//	—	—	0.0	— 0.1	2.0	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	519	36	0	0	9	0	0	28	31	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	1	00	00	98	03	0	417	61	0	0	9	0	1	18	64	000	0	4	13	02	98	01	0	544	36	0	0	9	3	1	25	34	+ 3	+ 5	0.0	— 0.4	6.5	9
	Hindubagh *	000	0	0	23	03	97	02	0	518	57	0	0	9	0	0	17	64	000	0	0	00	00	97	02	0	583	32	0	0	9	0	0	13	23	—	—	0.0	—	6.2	—
	Loralai *																																									14
	Barkhan *																																									9
	Harnai *	000	0	2	13	02	96	02	0	512	66	0	0	9	0	1	15	71	000	0	2	00	00	96	02	0	412	43	0	0	9	0	1	09	41	—	—	—	—	—	—
	Samungli (Quetta) *	000	0	2	36	05	96	03	0	530	55	0	0	9	0	1	17	57	000	0	0	00	00	96	02	0	568	22	0	0	9	0	0	17	19	+ 3	— 12	0.5	— 0.4	3.6	8
	Chaman *	000	0	0	00	00	97	00	0	545	68	0	0	9	0	0	34	61	000	0	0	09	03	97	00	0	539	39	0	0	9	0	0	23	36	+ 7	+ 1	0.0	— 1.3	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	574	59	0	0	9	0	0	21	59	000	0	0	00	00	//	//	/	583	41	0	0	9	0	0	06	40	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	2	03	04	98	03	0	554	66	0	0	9	3	0	11	66	000	0	0	00	00	98	02	0	530	35	0	0	9	0	0	18	33	+ 3	+ 2	0.0	— 0.5	0.5	7
Kalat	Kalat *	000	0	0	31	02	97	00	2	530	55	0	0	9	0	0	50	67	000	0	0	18	02	98	00	2	544	34	0	0	9	0	0	24	22	+ 12	— 4	0.0	— 0.8	2.3	—
	Khuzdar *	000	0	0	00	00	97	02	0	518	66	0	0	9	0	0	03	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Panjgur *																																									

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 22nd DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 45	10 6 53	21 0 03	00 8 10	98 0 20	16 2 24	00 9 00	23 1 10			05 2 20	...	30 3 02	07 3 02
Dwarka	99 2 42	10 6 38	21 1 23	00 5 07	90 0 20	14 8 24	00 9 00	23 6 10			05 1 18	...	30 3 02	
Henia	99 2 29	10 6 84	21 1 23	01 2 06	99 0 23	15 6 23	00 9 07	64 5 02			05 1 13	...	30 2 01	94 5 04
Steel Prover	99 1 78	10 6 26	21 1 23	40 5 20	98 0 31	15 0 25	22 2 00	13 6 10			0/ / 18	17 5 36	30 4 01	
Henia	98 2 33	10 6 45	21 1 83	09 0 03	99 0 20	17 9 24	00 9 00	64 / //			05 1 13	12 6 10	30 1 01	03 6 05
Dwarka	99 2 43	10 6 70	21 1 83	01 0 10	98 0 20	16 9 24	00 9 00	43 4 00			05 2 18	17 6 22	30 1 02	10 3 02

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (Porora ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	015 166 37	...	520 110 57	145 002 57	579 131 58	746 241 58	949 393 57	214 591 //	392 689 //	631 761 //	...	...	...
Dacca ...	00 00	017 184 06	...	450 104 60	1.6 632 60	579 135 61	745 229 61	950 379 60	219 557 //	400 675 //	638 765 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	017 160 57	...	580 070 56	095 021 //	569 205 //	730 325 //	927 441 //	...	...	...	...	...	...
Multan ...	00 00	006 060 20	...	500 060 40	074 045 //	565 191 //	728 275 //	930 391 //	...	...	...	...	...	...
Peshawar ...	00 00	980 050 35	...	500 084 42	106 013 42	577 149 44	731 285 30	931 427 //	194 563 //	...	...	...	...	...
Quetta ...	00 00	825 028 59	...	/// /// //	127 052 //	579 131 //	746 239 //	951 349 //	230 413 //	...	...	...	...	...
Sargodha ...	00 00	998 103 61	...	500 098 61	108 015 60	571 135 50	739 225 //	946 331 //	222 455 //	420 515 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed (PmPmPm dmdm fmfmfm)	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 126 57	800 080 58	672 090 69	600 051 57	350 319 58	...	...	...	...	109 271 //	—	—
Dacca ...	00 00	900 104 58	800 000 60	643 000 59	600 031 59	350 297 60	...	...	...	...	...	—	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...	00 00	...	...	—	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00			...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 128 59	617 000 //	600 011 //	350 385 //	206 409 //	...	...	...	...	177 270 62	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	005 07	005 06	040 04	275 07	265 12	280 15	...	—	...	360 10	360 10	010 09	340 11	280 11	280 15
Bogra ...	355 03	355 03	340 03	335 02	300 08	290 21	...	...	—	340 06	350 05	355 05	310 03	240 05	280 23
Chaklala ...	...	255 06	215 04	280 01	280 07	300 07	290 12	290 29	300 38	...	015 05	005 05	285 03	295 04	305 12
Chhor ...	025 05	025 09	025 09	040 12	270 06	225 03	260 20	200 30	255 29	050 27	050 17	035 13	020 09	020 17	235 12
Chittagong ...	030 04	025 07	020 13	180 08	245 16	235 17	...	—	—	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	350 10	360 08	025 07	345 03	055 10	190 17	—	...	...	010 13	005 13	360 11	355 07	315 04	265 06
Dacca ...	—	...	...	...	...	...	...	...	...	340 17	340 14	340 10	250 09	350 10	250 15
Dalbandin ...	...	...	100 07	060 09	060 08	035 15	340 13	325 22	310 25	...	...	290 04	005 04	265 15	270 12
D. I. Khan ...	180 01	070 03	070 05	035 04	160 03	235 07	290 17	300 20	310 25	065 06	075 05	070 03	145 01	055 04	010 11
Drosh ...	—	—	...	055 09	040 09	025 07	060 04	310 08	290 10	—	—	...	...	...	...
Fort Sandeman ...	...	—	...	—	—	...	...	...	...	...	...	...	350 01	325 03	235 07
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	250 01	330 05	165 11
Ishurdi ...	350 07	350 06	350 05	340 02	305 04	295 20	300 34	...	...	360 08	360 01	320 19	280 10	245 06	285 20
Jacobabad ...	080 02	090 05	050 06	090 03	310 10	230 08	315 14	315 15	...	080 06	070 06	065 04	300 13	295 02	315 06
Jessore ...	300 06	005 05	010 05	320 06	320 09	325 08	...	...	...	030 10	030 11	330 12	330 23	330 13	280 07
Jhelum ...	080 02	140 04	140 05	010 03	345 08	320 08	290 15	290 23	275 25	350 04	335 07	320 05	300 07	305 11	295 15
Jiwani ...	090 03	025 06	040 09	035 12	030 13	330 19	315 15	305 23	305 16	010 08	050 13	050 10	010 08	035 12	345 07
Karachi ...	060 07	050 07	045 07	340 06	305 08	295 12	300 19	310 27	325 29	...	...	...	...	...	...
Khanpur ...	015 17	030 13	030 13	065 05	105 04	170 06	275 09	310 31	300 23	040 06	040 06	070 07	310 02	305 03	330 05
Khuzdar ...	...	...	...	145 06	195 01	335 07	350 11	020 15	340 19	...	...	...	280 04	285 08	305 13
Lahore ...	050 05	320 05	295 03	330 03	320 05	295 04	285 12	300 21	...	030 06	355 05	355 05	335 03	310 06	315 07
Multan ...	030 06	040 08	045 05	210 04	220 17	215 09	300 18	300 29	300 37	015 05	045 05	090 03	245 03	275 07	295 09
Nawab Shah ...	015 09	045 10	035 10	050 07	320 05	295 12	315 16	290 27	310 27	360 17	005 17	040 15	100 06	020 06	335 15
Nokkundi ...	...	...	225 05	005 05	190 07	070 05	...	...	...	...	...	080 05	265 08	305 10	305 15
Panjgur ...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	080 01	300 02	255 03	215 07	225 08	295 15	290 28	305 41	...	010 04	290 04	315 05	325 06	340 07
Parachinar ...	...	...	...	360 01	350 08	315 40	320 18	/// //	310 45	...	...	...	...	...	...
Quetta ...	...	...	...	...	065 10	035 04	...	...	...	...	...	...	...	...	...
Sargodha ...	065 03	040 01	355 03	050 02	180 03	350 05	300 23	305 30	320 33	263 04	315 05	310 05	315 04	325 03	315 04
Skardu ...	...	...	...	185 03	335 02	...	...	...	...	...	...	...	345 02	340 03	...
Sylhet ...	340 05	340 04	350 03	080 03	110 04	060 01	...	—	...	065 13	060 14	060 11	025 03	135 03	260 19
Veraval ...	...	—	...	...	...	—	—	...	...	—	—	...	—	...	—

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	350 04	010 08	010 08	020 12	005 20	330 19	...	...	...	...	...
Bogra ...	320 06	005 06	005 04	285 15	260 04	270 43	265 32	/// //	275 41		...
Chaklala ...	...	195 02	340 05	350 09	335 06	305 06	265 09	280 19	270 20	275 21	275 25
Chhor ...	065 12	060 13	050 15	060 16	065 06	200 06	200 12	275 10	300 13	300 22	270 23
Chittagong ...	335 07	310 04	005 04	215 07	195 17	265 21	265 28	265 36	265 40	270 44	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	325 04	340 03	350 02	245 02	240 09	280 10	...	...	...	...	...
Dacca ...	345 09	345 10	350 08	350 06	300 12	280 15	270 34	270 34	270 28	270 57	260 83
Dalbandin ...	...	...	300 07	040 09	355 11	300 14	295 22	300 26	300 30	285 41	295 61
D. I. Khan ...	300 03	315 04	335 04	320 03	275 06	300 01	260 09	280 15	305 22	300 32	295 28
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	—	...	—	245 02	240 03	255 10	290 15	...	...	...	...
Gilgit ...		...		290 06	305 11	295 09	150 04	130 06	205 11	245 21	265 32
Ishurdi ...	015 06	015 10	335 09	215 30	220 13	270 15	275 45		...	...	
Jacobabad ...	055 10	070 21	070 21	080 13	010 04	045 06	345 15	335 24	330 25	295 35	290 49
Jessore ...	015 06	010 06	345 10	335 14	300 09	290 15	285 26	275 37	280 40		...
Jhelum ...	300 03	310 08	320 11	305 09	300 09	285 15	295 09	/// //	285 18	270 26	...
Jiwani ...	090 09	050 14	050 10	360 11	025 11	010 08	330 19	325 28	305 35	300 39	...
Karachi ...	055 12	070 09	055 06	040 12	030 06	015 09	320 21	300 31	290 32	...	—
Khanpur ...	...	-	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	085 01	070 03	310 10	295 21	290 26	300 34	295 43	300 42
Lahore ...	350 03	245 07	225 07	315 03	300 06	310 07	305 14	295 11	310 10	280 13	270 23
Multan ...	...	...	...	...	...	...	...	...	...	—	—
Nawab Shah ...	050 08	025 09	040 10	055 08	050 11	350 09	305 21	305 24	...	...	...
Nokkundi ...	...	...	080 04	325 04	320 15	320 15	300 22	265 19	280 24	...	—
Panjgur ...	...	...	...	025 09	005 07	290 07	310 25	300 29	005 63	300 56	...
Peshawar ...	...	015 03	210 05	315 07	350 03	290 06	285 16	290 21	280 22	285 23	285 28
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	135 07	280 12	280 20	280 28	280 33	...	...
Sargodha ...	280 04	280 03	320 03	335 04	330 03	305 05	295 19	310 19	310 22	295 27	...
Skardu ...	...	...	...	100 04	/// //	055 10	085 06	255 05	105 10	280 07	...
Sylhet ...	115 03	110 06	100 06	050 06	260 04	040 21	265 34	265 45	270 51	255 62	...
Veraval ...	...	...	...	...	...	—	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	130 19	015 25	015 26	015 16	035 14	340 09	315 12	290 18	290 27	280 41	190 48	300 57	295 55	...	...	...	...	...
Multan ...	130 05	105 08	105 07	005 04	100 04	315 07	330 19	320 21	310 25	320 26	305 37							
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

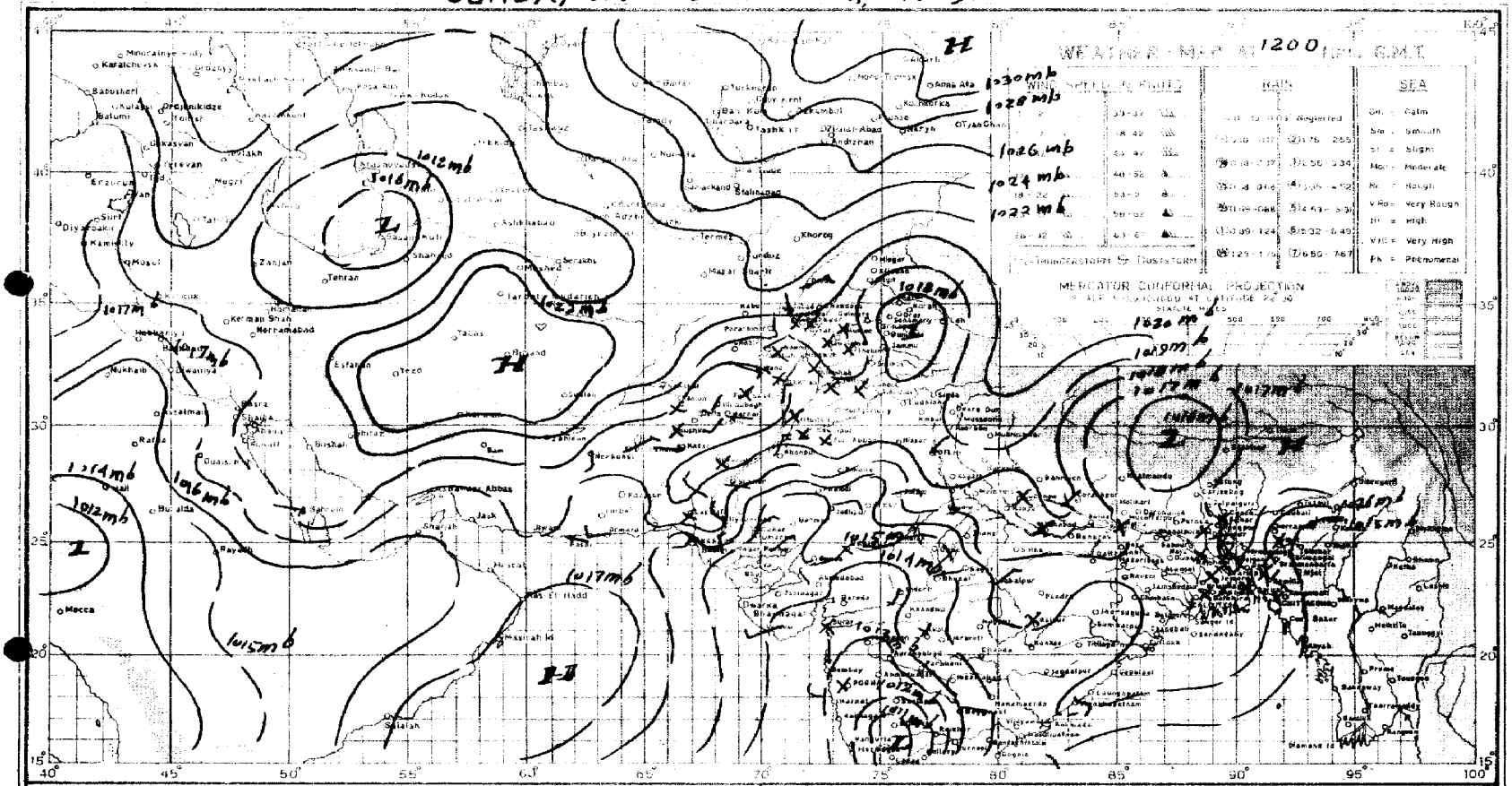
† The actual time of observations may vary within half an hour of the specified time.

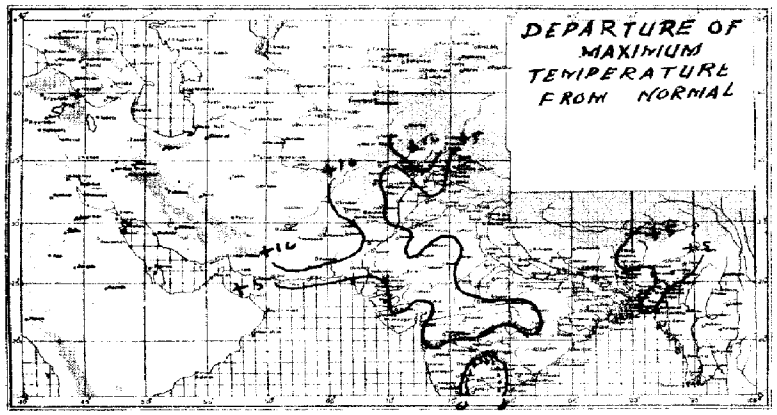
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

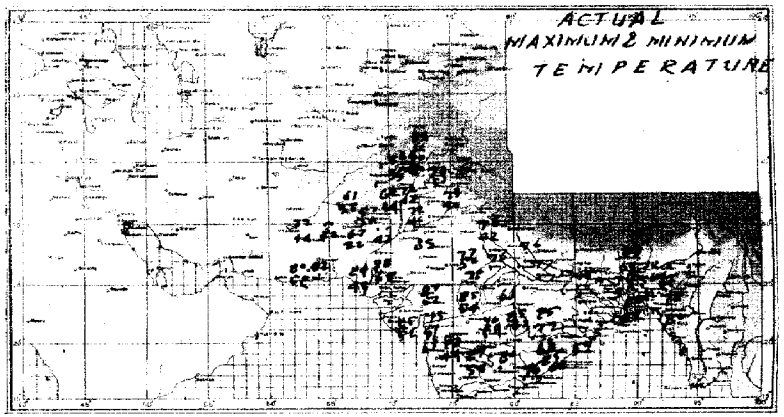
The accuracy of individual entries in this report cannot ... be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 21st DECEMBER 1969.





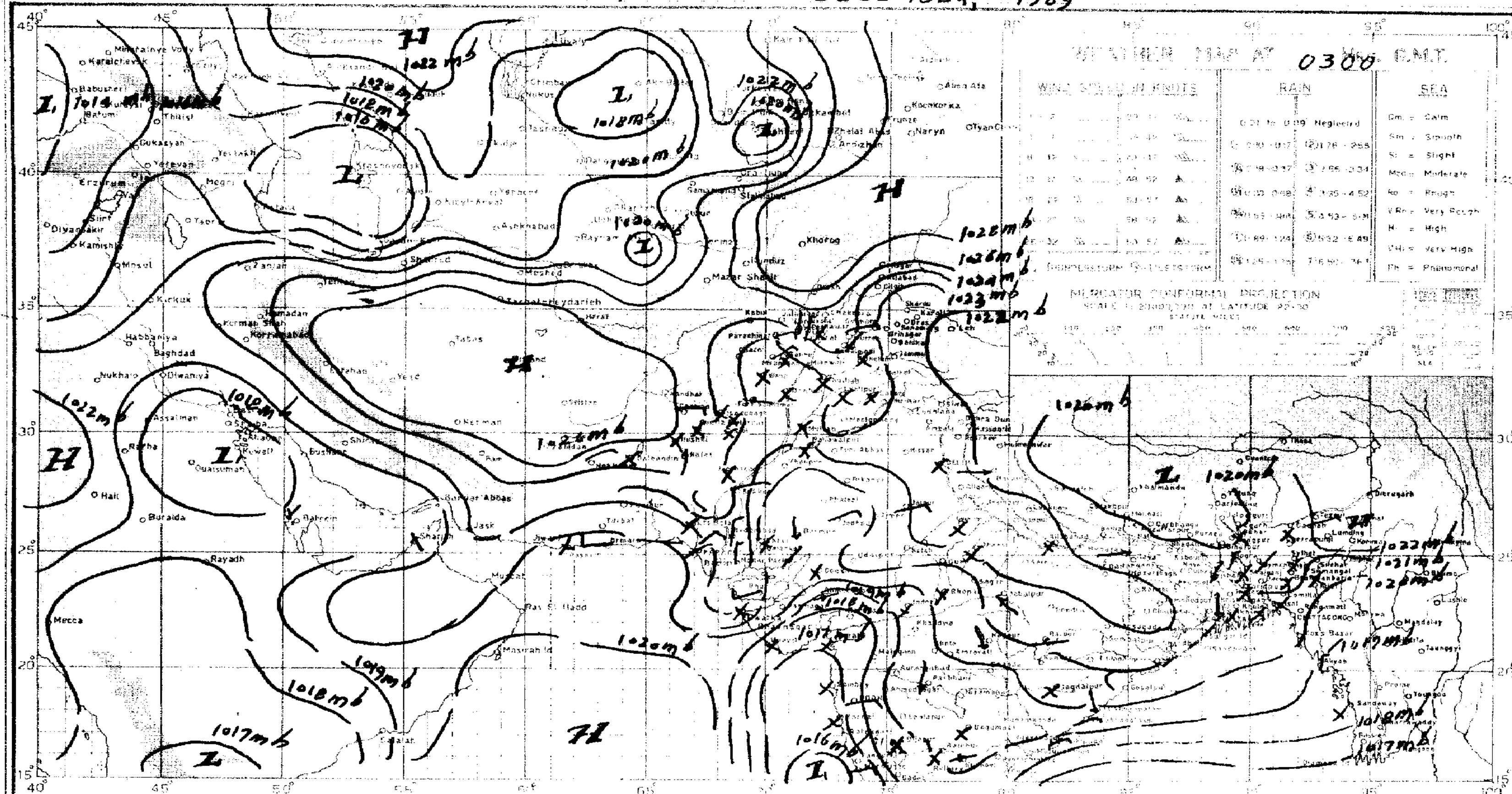


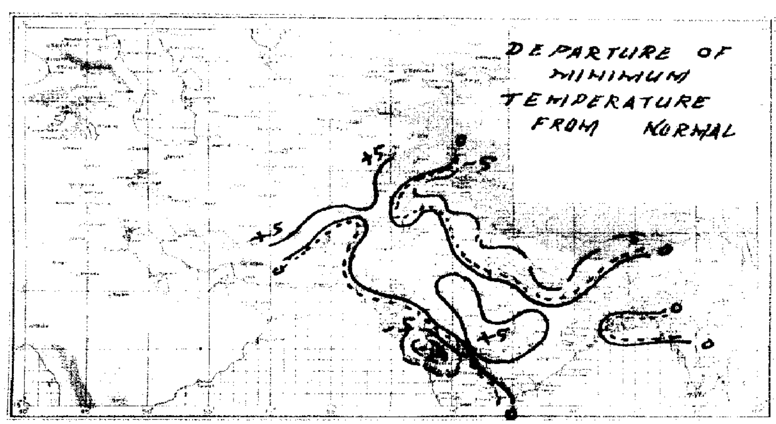
REG No 024 RWX D'61-5000 63-5 pm'67.

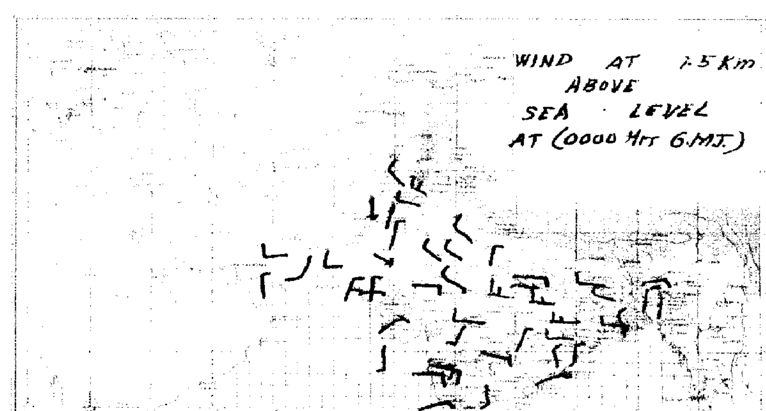
PRINTED AT THE SURVEY OF PAKISTAN PRESS, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

MONDAY 22nd DECEMBER, 1969







PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 23rd DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Dry continental air continues to prevail over the country. Weather remained dry over the country.

Night temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan, Quetta, Kalat, Hyderabad and Khairpur divisions and to the same extent below normal in Rawalpindi, Sargodha and Bahawalpur divisions.

Forecast valid until the evening of 24th December 1969 :—Weather is likely to remain dry over the country.

Karachi-11
The 23rd December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Maximum temperature *† (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Bangamati	000	0	0	36	02	//	01	0	167	72	0	0	9	0	0	5	77
	Cox's Bazar	000	0	4	31	06	//	02	0	157	72	1	1	4	6	2	59	78
	Chittagong	000	0	2	31	02	//	01	2	163	72	0	0	9	0	1	63	78
	Maijdee Court	000	0	0	00	00	//	00	0	152	73	0	0	9	0	0	56	77
	Comilla	000	0	0	00	00	56	02	0	156	76	0	0	9	0	0	56	80
	Brahmanbaria	000	0	0	00	00	//	00	0	169	67	0	0	9	0	0	63	0
	Sylhet	000	0	0	00	00	//	01	0	162	70	0	0	9	0	0	58	78
	Srimangal	000	0	0	00	00	//	00	0	174	63	0	0	9	0	0	59	//
Dacca	Mymensingh	000	0	0	00	00	//	00	0	175	73	0	0	9	0	0	56	78
	Narayanganj	000	0	0	00	00	//	00	0	154	73	0	0	9	0	0	60	82
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	170	72	0	0	9	0	0	56	78
	Faridpur	000	0	0	00	00	93	00	0	141	70	0	0	9	0	0	58	76
Khulna	Barisal	000	0	0	00	00	//	02	0	169	67	0	0	9	0	0	59	77
	Khulna	000	0	0	00	00	97	00	0	165	73	0	0	9	0	0	67	82
	Satkhira	000	0	0	00	00	97	00	0	175	72	0	0	9	0	0	70	78
	Jessore	000	0	0	36	03	97	02	0	175	67	0	0	9	0	0	49	77
Rajshahi	Pabna	000	0	0	00	00	//	00	0	166	70	/	/	/	/	/	67	80
	Sirajganj	000	0	0	36	01	//	00	0	171	76	0	0	9	0	0	56	77
	Rajshahi	000	0	0	00	00	94	02	0	182	70	0	0	9	0	0	58	77
	Bogra	000	0	0	00	00	//	02	0	164	67	0	0	9	0	0	56	78
	Dinajpur	000	0	1	00	00	//	02	0	143	63	1	0	9	1	0	59	80
	Rangpur	...	..	..	..	..	96	..	..	..	..	..	...	...	...	...	...	..
Kashmir	Jammu																	
Lahore	Lahore (Intl Pd.)	000	0	0	00	00	95	05	0	199	63	0	0	9	0	0	49	72
	Sialkot	...	...	..	..	..	..	..	..	...	..	...	..	...	...	..	...	...
Rawalpindi	Jhelum	000	0	0	00	00	96	01	0	188	64	0	0	9	0	0	41	73
	Islamabad																	
	Rawalpindi	000	0	0	00	00	98	02	1	197	64	0	0	9	0	0	//	70
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	190	78	0	0	9	0	0	59	72
	Sargodha	000	0	0	27	02	97	02	0	192	70	0	0	9	0	0	54	73
	Lyallpur	000	0	0	00	00	95	00	0	197	68	0	0	9	0	0	47	72
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	193	72	0	0	9	0	0	41	76
	Leiah	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bahawalpur	Khanpur	000	0	0	00	00	97	03	0	190	72	0	0	9	0	0	43	74
	Bahawalpur	000	0	0	00	00	96	00	0	173	70	0	0	9	0	0	47	78
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	23	02	98	02	1	180	58	0	0	9	0	4	36	58
	Peshawar	000	0	0	00	00	97	01	0	189	63	0	0	9	0	0	40	66
	Haripur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. I. Khan	Bannu	000	0	0	13	02	99	00	1	193	67	0	0	9	0	0	64	70
	D. I. Khan	000	0	0	00	00	97	02	0	192	67	0	0	9	0	0	49	72
Quetta	Sibi	000	0	2	00	00	97	03	0	192	77	0	0	9	2	0	28	78
	Nokkundi	000	0	4	23	02	96	03	0	189	71	4	0	9	5	0	33	//
Kalat	Turbat	000	0	0	09	02	96	00	0	009	64	4	0	9	0	0	11	84
	Jiwani	000	0	1	13	07	96	02	0	184	74	0	0	9	0	1	57	79
	Pasni	000	0	0	11	04	97	//	/	194	75	0	0	9	0	0	70	76
Karachi division	Ormara																	
	Lasbela	000	0	0	00	00	98	00	0	163	86	0	0	8	0	0	62	89
	Karachi (Manora)	000	0	0	05	02	97	02	0	170	8	0	0	9	9	0	46	84
	Karachi (Airport)	000	0	0	05	05	96	02	0	171	81	0	0	9	0	0	22	82
Hyderabad	Nagarparker	///	/	/	//	//	//	//	/	161	83	0	0	9	0	0	56	88
	Chhor	///	/	/	//	//	96	02	0	164	81	0	0	9	0	0	22	87
	Hyderabad	000	0	0	36	07	97	02	0	182	75	0	0	9	0	0	45	78
	Badin	000	0	0	36	08	97	02	0	168	79	0	0	9	0	0	45	81
Khairpur	Padidan	000	0	0	31	05	96	02	0	186	72	0	0	9	0	0	44	//
	Nawabshah	000	0	0	31	05	96	02	0	189	74	0	0	9	1	0	53	77
	Sukkur	000	0	0	13	03	96	02	0	189	74	0	0	9	0	0	43	77
	Kashmore																	
	Jacobabad	000	0	1	36	02	97	02	0	188	73	0	0	9	0	1	41	74
Saurashtra	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Minjar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	03	98	00	1	539	49	0	0	9	0	0	35	51
Peshawar	Drosh *																	
	Chitral *	000	0	0	36	10	98	00	1	549	54	0	0	9	0	0	45	58
	Kakul *	000	0	1	18	03	96	05	1	542	58	0	0	9	0	2	30	64
	Landikotal *	000	0	0	05	05	98	02	6	560	56	0	0	9	0	0	25	63
	Parachinar *	000	0	0	13	03	98	02	0	539	51	0	0	9	0	0	34	59
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	454	59	0	0	9	0	0	30	60
	Wana *	...	..	...	...	...	..	..	...	...	..	..	..	..	..	..	..	...
Quetta	Fort Sandeman *	000	0	1	00	00	98	01	0	522	61	1	0	9	3	0	//	65
	Hindubagh *	000	0	0	20	05	96	05	0	504	54	0	0	9	0	0	45	63
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	510	66	0	0	9	0	0	17	64
	Samungli (Quetta) *	000	0	0	31	02	96	01	0	523	57	0	0	9	0	0	29	62
	Chaman *	000	0	0	27	03	97	00	0	543	58	0	0	9	0	0	34	67
	Nushki *	000	0	5	00	00	97	02	0	537	69	0	0	9	0	2	36	60
	Dalbandin *	000	0	2	00	00	98	06	0	///	//	/	/	/	/	/	//	69
Kalat	Kalat *	000	0	0	31	02	97	00	2	542	55	0	0	9	0	0	50	//
	Khuzdar *																	
	Panjgur *	000	0	0	36	02	96	02	0	546	68	0	0	9	0	0	//	73

DIVISIONS	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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Heights of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature *† (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st November, 1969 so-far (39)	Departure from normal (40)	Since 1st January, 1969 so-far (41)	Annual Normal (42)
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	Bangamati	000	0	3	36	02	98	01	1	155	64	1	1	7	8	1	58	59	—	—	—	—	—	—
	Cox's Bazar	000	0	4	//	05	96	03	0	177	66	0	0	9	0	3	58	60	—	+	0.7	— 3.4	92.0	140
	Chittagong	000	0	6	00	00	96	02	2	163	64	0	0	9	0	2	49	56	+ 1	0	1.2	— 1.5	105.7	103
	Maijdee Court	000	0	2	36	02	97	03	0	168	68	0	0	9	3	0	56	56	— 1	— 2	—	—	—	115
	Comilla	000	0	0	00	00	96	02	0	174	64	0	0	9	0	0	58	60	— 1	— 1	—	—	—	94
	Brahmanbaria	000	0	4	00	00	97	03	0	185	64	0	0	9	0	7	62	56	+ 4	+ 7	—	—	—	78
	Sylhet	000	0	1	09	05	96	03	0	181	64	0	0	9	3	0	54	54	—	—	1.3	— 0.1	55.1	98
	Srimangal	000	0	0	00	00	96	00	0	181	56	0	0	9	0	0	54	45	— 2	— 1	—	—	—	—
Dacca	Mymensingh	000	0	0	00	00	97	00	0	168	69	0	0	9	0	0	60	56	+ 2	+ 2	0.3	— 0.7	77.5	91
	Narayanganj	000	0	0	31	02	97	00	0	167	68	0	0	9	0	0	60	56	+ 5	0	1.3	+ 0.2	82.1	74
	Dacca (Tejgaon)	000	0	5	36	02	96	05	2	168	63	0	0	9	0	2	56	56	— 1	—	1.3	—	66.0	—
	Faridpur	000	0	3	02	02	97	00	0	211	66	1	4	6	1	0	59	56	+ 1	+ 3	—	—	—	71
Khulna	Barisal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0					81
	Khulna	000	0	0	00	00	97	00	0	///	66	0	0	9	0	0	56	58	+ 5	+ 4	..		—	68
	Satkhira	000	0	0	36	01	97	00	0	156	59	0	0	9	0	0	49	52	— 1	+ 1	0.2	— 1.7	61.7	68
	Jessore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 1					68
Rajshahi	Pabna	000	0	0	31	02	97	02	0	161	66	0	0	9	0	0	56	56	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	36	01	98	00	0	150	66	0	0	9	0	0	54	56	+ 2	+ 5	—	—	—	64
	Rajshahi	000	0	0	05	02	97	02	0	158	63	0	0	9	0	0	56	54	—	—	—	—	—	—
	Bogra	000	0	2	31	02	96	03	0	184	62	0	0	9	0	0	56	54	+ 3	+ 1	—	—	—	69
	Dinajpur	000	0	0	00	00	96	00	0	201	66	0	0	9	0	0	59	54	—	4 5	—	—	—	72
	Rangpur	000	0	1	00	00	96	01	0	194	62	1	0	9	1	0	59	53		+ 3	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Intl Pd.)	000	0	0	00	00	94	10	0	216	45	0	0	9	0	0	38	40	+ 1	+ 1	0.0	— 0.4	18.0	19
	Sialkot	000	0	0	00	00	96	00	0	120	50	0	0	9	0	0	32	29		— 12	—	—	—	22
Rawalpindi	Jhelum	000	0	2	00	00	94	10	0	217	38	0	0	9	0	1	35	38	—	—	—	—	—	—
	Islamabad																		—	—	—	—	—	—
	Rawalpindi	000	0	0	00	00	95	10	0	232	35	0	0	9	0	0	33	33	+ 5	— 4	0.2	— 0.8	33.6	30
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	97	06	0	205	40	0	0	9	0	0	35	34	+ 2	— 7	0.0	— 0.4	7.8	15
	Sargodha	000	0	0	00	00	95	04	0	212	38	0	0	9	0	0	38	38	—	—	0.1	—	20.2	—
	Lyallpur	000	0	0	00	00	//	02	0	213	40	0	0	9	0	0	35	38	+ 4	— 2	0.0	— 0.3	7.7	13
Multan	Sahiwal																							19
	Multan	000	0	0	00	00	92	11	0	207	40	0	0	9	0	0	38	40	+ 7	— 1	0.0	— 0.3	11.3	7
	Leiah	000	0	0	36	00	97	00	0	209	45	0	0	9	0	0	38	//		/	—	—	—	8
Bahawalpur	Khanpur	000	0	2	00	00	95	03	0	205	43	0	0	9	0	0	33	38						—
	Bahawalpur	000	0	0	00	00	96	00	0	223	52	0	0	9	0	0	49	41	+ 0	— 5	—	—	—	6
	Fort Abbas																		+ 5	+ 1	0.0	— 0.2	2.0	4
Peshawar	Chakdara	000	0	1	05	07	96	01	1	223	//	0	0	9	0	9	26	32	—		—	—	—	8
	Peshawar	000	0	0	00	10	96	04	0	227	38	0	0	9	0	1	32	35	+ 3	— 4	0.5	— 0.2	14.0	—
	Haripur	000	0	0	05	02	97	00	0	229	45	0	0	9	0	0	22	40		—	—	—	—	11
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	224	41	0	0	9	0	0	32	41	—	—	—	—	—	—
	D. I. Khan	000	0	0	00	00	97	00	0	229	43	0	0	9	0	0	38	40	0.5	—	0.5	—	5.0	11
Quetta	Sibi	000	0	0	00	00	97	02	0	220	43	0	0	9	0	0	48	42	+ 2	+ 1	—	—	—	9
	Nokkundi	000	0	0	00	00	97	02	0	228	50	0	0	9	0	0	15	46	—	/	0.0	—	0.2	5
Kalat	Turbat	000	0	0	09	02	96	00	0	238	52	0	0	9	0	0	25	10	/	—	0.0	—	0.3	3
	Jiwani	000	0	0	00	00	96	03	0	154	62	0	0	9	0	1	57	55	—	—	0.0	—	3.0	—
	Pasni	000	0	4	29	04	97	07	0	154	58	4	0	9	0	0	52	//	—	—	0.0	—	2.0	5
Karachi division	Ormara																		1	/	0.0	— 0.1	0.3	6
	Lasbela	///	0	0	00	0	98	00	0	188	47	0	0	6	0	0	38	33						4
	Karachi (Manora)	000	0	0	00	00	96	02	0	202	67	0	0	9	0	0	41	//	—	—	—	—	—	8
	Karachi (Airport)	000	0	0	36	02	96	02	0	194	55	0	0	9	0	0	25	52	+ 3	/	0.0	— 0.2	1.1	8
Hyderabad	Nagarparker	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	—	1.5	—
	Chhor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						—
	Hyderabad	000	0	0	05	02	96	02	0	190	49	0	0	9	0	0	31	42	—	—	0.0	—	0.3	7
	Badin	000	0	0	36	07	97	02	0	201	55	0	0	9	0	0	//	54	+ 1	—	0.0	— 0.2	0.3	9
Khairpur	Padidan	000	0	0	36	04	96	02	0	175	51	0	0	9	0	0	41	48	+ 2	+ 3	0.0	— 0.2	0.3	—
	Nawabshah	000	0	0	31	03	96	02	0	208	44	0	0	9	0	0	39	43		— 2	—	—	—	—
	Sukkur	000	0	0	31	05	96	02	0	205	46	0	0	9	0	0	41	44	—	/	0.0	—	0.8	4
	Kashmore	000	2	0	13	02	95	05	4	203	54	0	0	9	0	0	43	49	—	—	0.0	—	0.2	—
	Jacobabad																		—	—	0.0	—	0.1	4
Saurashtra	Veraval	000	0	2	00	00	96	05	0	218	49	0	0	9	0	4	38	47						20
HILL STATIONS																								26
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							38
	Dras **																							3
	Leh **																							4
	Skardu *																							—
	Minjar **																							3
	Aliabad *																							—
	Gilgit *																							39
Rawalpindi	Murree *	000	0	3	01	03	98	00	0	551	41	0	0	9	0	0	40	35	+ 4	+ 2	1.0	— 1.0	41.0	18
Peshawar	Drosh *																							29
	Chitral *	000	0	0	36	14	98	00	0	547	50	0	0	9	0	8	43	43	+ 6	+ 2	0.6	— 0.7	15.2	—
	Kakul *	000	0	0	00	00	97	01	1	539	41	0	0	9	0	5	16	41	—	—	1.0	—	34.0	—
	Landikotal *	000	0	0	36	02	98	02	0	604	35	0	0	9	0	0	16	26	—	—	—	—	—	29
	Parachinar *	000	0	0	00	00	98	02	0	554	38	0	0	9	0	0	14	33	+ 7	+ 3	—	—	—	19
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	523	41	0	0	9	0	0	28	38	—	—	—	—	—	11
	Wana *	000	0	0	00	00	99	00	0	518	36	0	0	9	0	0	29	28	—	—	0.0	— 0.5	2.0	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	532	34	0	0	9	0	0	//	33	+ 4	+ 4	0.0	— 0.5	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	583	32	0	0	9	0	0	12	23	—	—	0.0	—	6.2	9
	Loralai *																							—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	315	43	0	0	9	0	0	//	41	—	—	—	—	—	8
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	564	38	0	0	9	0	0	21	35	—	—	—	—	—	8
	Chaman *	000	0	0	00	00	97	00	0	549	43	0	0	9	0	0	20	40	+ 8	+ 5	0.0	— 1.3	4.8	—
	Nushki *	000	0	0	07	05	97	02	0	574	59	0	0	9	0	0	31	51	—	—	0.0	—	2.4	4
	Dalbandin *	000	0	0	00	00	98	02	0	531	38	0	0	9	0	0	38	34	+ 4	+ 3	0.0	— 0.5	0.5	7
Kalat	Kalat *	000	0	0	13	02	98	00	2	585	30	0	0	9	0	0	28	26		/	0.0	— 0.8	2.2	—
	Khuzdar *																							—
	Panjgur *	000	0	0	05	03	96	02	0	535	43	0	0	9	0	0	20	42	+ 6	+ 5	—	—	—	—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the remarks above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 23rd DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_R$	$8N_sC h_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
SS Steelrover	99 2 30	10 6 36	22 1 23	20 5 16	98 0 20	17 3 23	26 3 00	13 6 05			0 / / 15	12 5 6/		
Hejnes	99 2 33	10 6 65	21 1 03	00 9 03	99 0 20	17 9 75	00 0 03	64 / //			05 ? 56	17 6 22	30 1 01	03 5 01
Heinca	99 2 33	10 6 58	22 0 03	00 2 03	99 0 20	19 1 73	00 0 00	64 4 00			05 4 56	17 7 03	30 1 01	...
Ohrmazd	99 1 40	10 7 28	22 0 60	10 9 09	99 0 30	17 0 29	84 / //	...			...	...	...	...
Steelrover	99 2 18	10 6 49	22 0 63	10 5 25	98 0 20	20 0 25	11 2 00	13 2 17			0 / 7 23	12 6 76	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	012 172 42	...	480 148 59	143 062 59	582 091 58	751 213 58	957 347 59	220 575 //	...	...	...	...	...
Dacca ...	00 00	015 170 57	...	450 076 60	068 034 60	575 135 61	740 269 59	943 379 66	213 559 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	015 124 60	...	480 062 59	080 020 //	571 127 //	738 231 //	992 371 //	214 495 //	...	...	...	...	...
Multan ...			...							...	...	...	...	...
Peshawar ...	00 00	976 042 48	...	500 080 50	079 011 49	571 161 //	736 281 //	934 445 //	196 563 //	...	...	...	...	...
Quetta ...	00 00	825 039 59	...	...	105 033 //	564 309 //	719 429 //	918 373 //	...	...	...	...	...	...
Sargodha ...	00 00	997 114 60	...	500 100 60	101 015 61	571 171 //	734 281 //	996 385 //	202 501 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	990 152 60	800 128 60	600 022 58	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 100 57	800 064 60	600 039 59	...	...	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...		...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...		...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00		800 030 50	600 145 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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	3	4	5	6	7	8	9	10
Barisal ...	355 0/	369 07	360 07	290 02	285 06	310 23	...	...	...
Bogra ...	330 03	315 03	305 03	340 04	285 15	275 21	...	...	...
Chaklala ...	...	275 08	040 02	035 03	300 07	250 5/	330 13		
Chhor ...	04? 07	045 11	045 12	040 09	360 05	325 08	270 07	075 07	025 11
Chittagong ...	3:5 10	320 10	355 07	045 04	160 05	255 17	...	...	...
Cherat ...	...		...			...		...	...
Cox's Bazar ...	330 09	310 08	350 07	185 06	120 0/	1/0 06	...	...	...
Dacca ...	325 04	345 03	025 03	295 04	280 10	295 22	...	...	...
Dalbandin ...	...	...	085 05	095 07	005 07	320 12	305 21	300 31	300 32
D. I. Khan ...	175 02	130 03	130 04	140 03	210 02	200 6/	315 15	305 17	295 52
Drosh ...	...	...	...		...	...			
Fort Sandeman ...	...	...	...	295 02	235 05	295 12	295 17	285 26	300 33
Gilgit ...	...	...	...	085 01	270 04	290 02	125 07	100 12	...
Ishurdi ...	...	...		...			...	...	
Jacobabad ...	005 04	070 03	073 38	230 02	260 08	295 16	300 37	295 34	295 35
Jessore ...	355 07	350 08	350 08	320 08	320 08	305 24	...	...	...
Jhelum ...	135 06	180 08	290 06	290 12	310 10	310 12	331 07	310 23	310 25
Jiwani ...	130 11	090 08	090 08	005 12	050 14	245 10	320 17	320 25	295 29
Karachi ...	045 09	065 09	070 08	060 09	035 06	040 09	340 18	320 21	...
Khanpur ...	050 13	C60 14	C50 15	030 22	360 13	285 12	250 13	285 09	290 13
Khuzdar ...	...		...	230 04	250 08	275 16	300 25	295 30	295 31
Lahore ...	170 03	240 03	250 03	320 05	335 06	300 08	310 15	325 20	325 20
Multan ...	085 06	105 06	100 06	005 04	240 01	250 09	305 30	100 06	305 28
Nawab Shah ...	345 10	803 01	085 09	120 06	010 10	240 12	315 26	305 31	295 36
Nokkundi ...	...	...	005 01	130 04	035 05	045 12			
Panigur ...	...	...	...	001 08	025 05	070 06	310 09	350 12	345 13
Peshawar ...	...	155 04	180 05	305 07	290 09	285 12	/00 25	315 23	300 19
Parachinar ...	...	...	...	340 05	120 07	285 21	300 15		300 35
Quetta ...	...	...		...	300 07	285 14	27; 30	280 30	275 33
Sargodha ...	230 02	240 03	260 02	315 02	315 04	28/ 51	300 15	305 18	300 21
Skardu ...	...	...	...	010 02	/// //	...	...	...	...
Sylhet ...	360 06	015 01	065 01	135 07	090 09	285 10	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	010 13	010 13	015 11	315 C6	285 06	...
Bogra	345 12	015 12	050 07	075 C4	275 07	220 22
Chaklala	...	040 01	015 02	325 10	315 07	320 10
Chhor	068 21	065 18	050 15	C05 07	340 15	325 07
Chittagong	...	...	...	...	...	...
Cherat	...	...		...	...	...
Cox's Bazar	015 2/	010 14	010 17	055 0/	025 08	...
Dacca	330 15	345 13	360 C6	...	360 05	...
Dalbandin	...	...	075 01	025 C6	330 0/	310 21
D. I. Khan	255 06	305 06	335 08	080 05	250 04	190 04
Drosh	...	...	...			
Fort Sandeman	...	...	...	185 02	260 C8	305 12
Gilgit	...	...	...	105 01	105 01	250 04
Ishurdi	...	...	...			
Jacobabad	345 08	330 04	260 02	245 03	250 C5	250 10
Jessore	015 15	015 12	030 //	330 09	290 11	260 29
Jhelum	350 05	320 08	315 12	290 10	275 03	300 12
Jiwani	345 05	005 05	040 09	C60 11	045 12	335 10
Karachi	...			...	...	
Khanpur	005 09	345 11	335 13	325 15	315 21	300 17
Khuzdar	...	...		300 04	310 08	300 12
Lahore	295 05	305 06	325 05	005 06	300 05	285 07
Multan	020 01	060 01	325 04	2?6 06	210 07	200 13
Nawab Shah	030 11	030 10	020 04	305 C3	330 04	030 13
Nokkundi	...	...	215 06	340 06	015 13	345 16
Panigur	...			020 17	315 //	345 21
Peshawar	...	305 05	330 06	295 06	295 06	320 13
Parachinar	...	...	...	160 03	075 02	...
Quetta				...	...	...
Sargodha	220 07	290 05	340 04	305 03	260 07	...
Skardu	...	...	...	063 3/	/// //	...
Sylhet	C45 17	070 09	125 05	065 13	195 04	290 26
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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	360 C8	320 06	325 06	235 10	270 09	270 13	260 24	270 21	270 41	...	...
Bogra	005 11	040 11	040 10	095 06	080 05	260 17	265 36	255 41	255 41	...	...
Chaklala	...	345 02	345 03	330 03	290 03	350 03	280 07	275 07	260 10	...	...
Chhor	090 C8	060 08	045 10	030 13	350 05	290 11	305 28	310 20	305 22	...	...
Chittagong	345 C4	345 05	210 01	215 C6	215 09	345 13	270 21	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...			...		...	...	...	...	...	...
Dacca	300 C8	030 06	040 C8	320 05	305 02	280 13	270 27	270 41	260 49	...	...
Dalbandin	...	...	070 07	065 06	010 18	145 28	320 30	315 35	305 40	...	...
D. I. Khan	205 03	210 03	220 03	350 04	340 07	200 10	285 10	290 //	315 21	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	235 07	225 11	305 10	350 32	360 34	325 28	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...			...	...	...	...	...	...	...	...
Jacobabad	120 //	035 05	009 05	325 06	245 05	030 10	33? 9/	290 25	275 28	...	...
Jessore	360 06	005 07	C05 07	340 0/	315 07	295 09	265 25	265 35	265 37	...	...
Jhelum	305 C2	2?0 10	285 12	305 10	295 //	320 15	295 22	195 22	300 31	...	...
Jiwani	345 02	030 05	040 10	045 16	055 15	C50 12	290 23	305 21	290 26	...	...
Karachi	C55 14	025 C4	350 04	015 10	345 06	345 06	290 29	310 24	310 21	...	...
Khanpur	350 10	040 08	C85 08	125 13	125 06	260 27	275 21	280 28	315 25	285 35	285 36
Khuzdar	...	...	...	320 06	330 11	345 12	315 25	300 41	280 49	...	...
Lahore	320 06	315 08	310 08	310 09	325 09	320 09	310 15	290 25	290 29	...	...
Multan	180 07	165 09	160 7/	175 07	265 11	245 11	320 07	295 02	252 9/	...	...
Nawab Shah	025 07	040 06	060 C4	305 04	300 14	310 18	295 35	300 32	255 44	...	...
Nokkundi	...	...	175 02	290 03	360 06	335 21	310 24	310 22	305 23	...	...
Panigur	...			C25 12	015 13	355 17	255 22	285 21	275 26	...	...
Peshawar	...	C85 03	195 02	295 07	255 22	295 20	340 2/	320 33	...	...	...
Parachinar	...	...	...	240 02	215 03	190 04	310 03			...	...
Quetta	...			...	305 C6	325 11	335 12	320 22	305 22	...	...
Sargodha	280 C4	290 08	285 07	300 C5	310 07	310 08	257 4/	310 24	315 29	...	...
Skardu	...	...	...	...	290 03	335 07	300 06			...	...
Sylhet	075 05	095 13	080 12	075 15	155 06	285 10	255 32	220 10	235 31	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	020 29	020 10	020 09	020 10	005 15	335 16	315 13	295 23	300 15	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

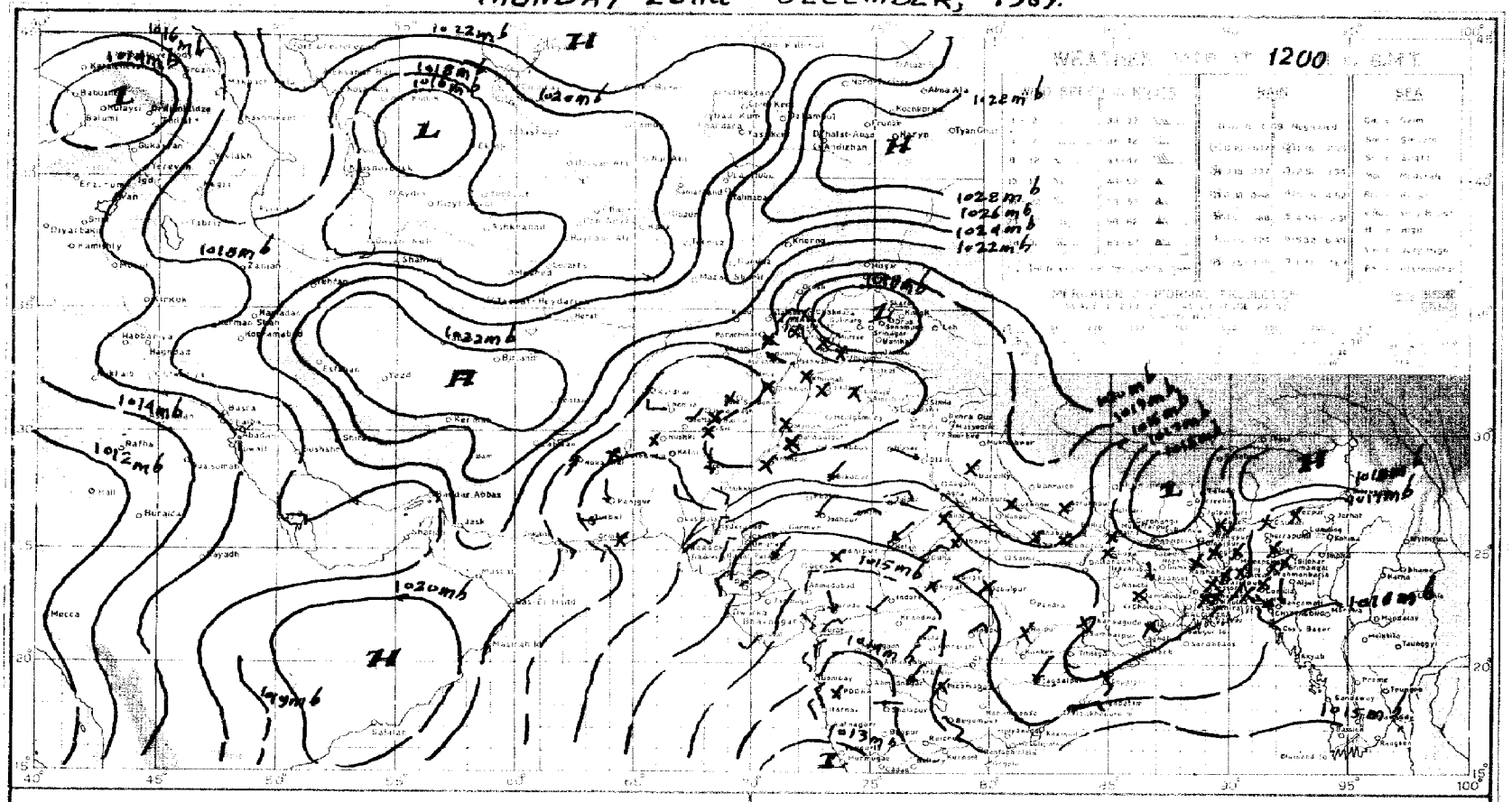
† The actual time of observations may vary within half an hour of the specified time.

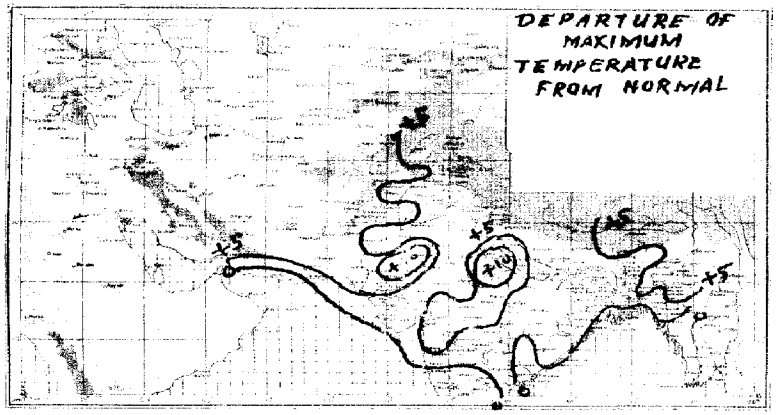
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

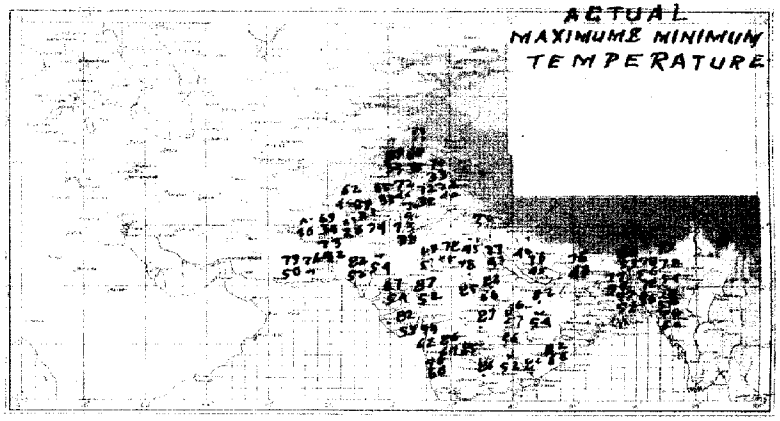
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 22nd DECEMBER, 1969.





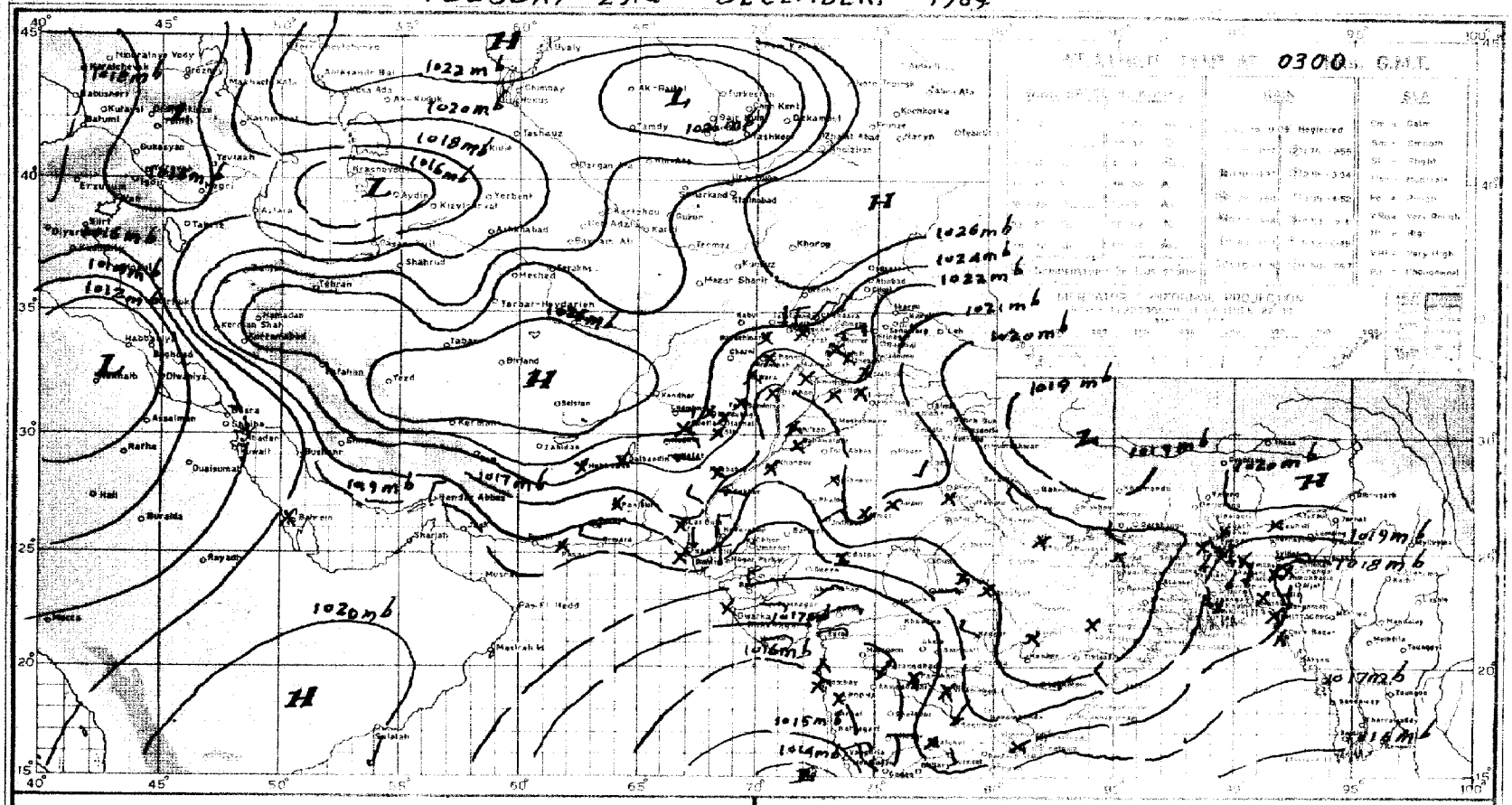


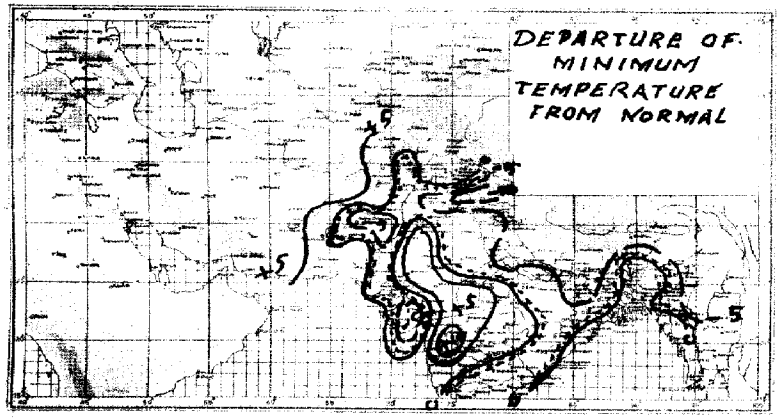
REG. No. 1024 HWXD'61-5,000'63-5,000'67.

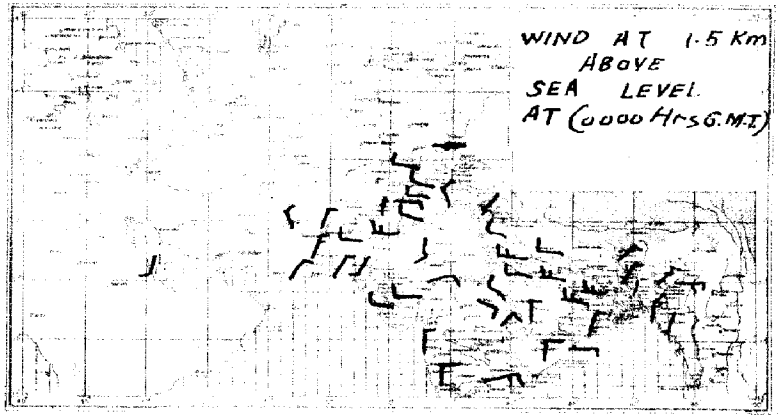
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd DECEMBER, 1969







REG. No. 1024 RWXD61-50[illegible]-5000'67

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 24th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Dry continental air prevail over the country.
Weather remained dry over the country.
Night temperatures were 3—6 °F (2 – 4 °C)above normal in East Pakistan, Quetta and Kalat divisions and nearly normal elsewhere over the country.
Forecast valid until the evening of 25th December 1969 :— Weather is likely to be dry over the country.

Karachi-11
The 24th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	36	02	//	01	0	148	68	1		7	0	0	58	77
	Cox's Bazar	000	0	4	36	03	//	03	0	140	70	2	0	9	3	1	58	77
	Chittagong	000	0	6	31	02	//	02	0	149	70	0	0	9	0	7	54	76
	Maijdee Court	000	9	8	00	00	//	03	2	120	73	/	/	9	/	/	51	77
	Comilla	000	0	3	00	00	56	03	1	149	72	3	4	7	0	0	60	73
	Brahmanbaria	000	0	6	05	01	//	03	0	143	69	0	0	9	0	7	63	77
	Sylhet	000	0	6	00	00	//	03	2	117	70	4	5	5	5	0	59	77
	Srimangal	000	0	0	00	00	//	00	0	163	59	0	0	9	0	0	58	77
Dacca	Mymensingh	000	0	4	00	00	//	01	1	147	73	4	0	7	1	0	54	77
	Narayanganj	000	0	0	00	00	//	00	0	144	72	0	0	9	0	0	59	82
	Dacca (Tezgaon)	000	0	6	00	00	56	02	2	139	72	0	0	9	0	2	60	77
	Faridpur	000	0	0	34	02	93	02	1	164	70	3	5	6	1	0	63	76
Khulna	Barisal	000	0	5	00	00	93	02	2	146	67	2	3	4	0	5	59	76
	Khulna	000	0	0	00	00	97	00	0	153	70	0	0	9	0	0	60	80
	Satkhira	000	0	0	00	00	95	00	0	160	70	0	0	9	0	0	60	78
	Jessore	000	0	7	36	03	96	02	2	146	68	0	0	9	0	6	54	75
Rajshahi	Pabna	000	0	6	31	02	97	02	2	138	70	0	0	9	3	1	58	78
	Sirajganj	000	0	6	00	00	//	02	2	142	76	6	0	9	6	0	58	77
	Rajshahi																	
	Bogra	000	0	6	31	02	97	02	2	136	70	0	0	9	3	1	58	78
	Dinajpur	000	0	0	00	00	//	00	0	145	72	0	0	9	0	0	56	78
	Rangpur	000	0	2	00	00	56	01	0	147	63	2	0	9	1	0	58	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	55	02	4	178	64	0	0	9	0	0	45	78
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	0	23	02	96	02	0	167	67	0	0	9	0	0	45	73
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	0	178	60	0	0	9	0	0	32	70
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	99	00	0	168	70	0	0	9	0	0	59	72
	Sargodha	000	0	0	27	03	56	04	0	174	67	0	0	9	0	0	40	73
	Lyallpur	000	0	0	00	00	95	00	0	178	67	0	0	9	0	0	45	72
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	06	0	176	70	0	0	9	0	0	47	76
	Leiah	000	0	0	36	01	94	00	0	182	77	0	0	9	0	0	58	77
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	175	72	0	0	9	0	0	45	72
	Bahawalpur	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Fort Abbas	///	/	0	00	00	98	00	0	187	73	0	0	9	0	0	56	73
Peshawar	Chakdra																	
	Peshawar	000	0	0	00	00	95	04	0	178	60	0	0	9	0	0	46	67
	Haripur	000	0	0	13	02	98	00	0	170	64	0	0	9	0	0	54	67
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	166	67	0	0	9	0	0	51	72
	D. I. Khan	000	0	0	00	00	97	00	0	179	64	0	0	9	0	0	49	70
Quetta	Sibi	000	0	2	18	03	99	02	0	180	78	0	0	9	0	0	24	81
	Nokkundi	000	0	0	00	00	57	02	0	165	74	0	0	9	0	0	32	77
Kalat	Turbat	000	0	0	09	02	96	00	0	///	72	0	0	9	0	0	18	82
	Jiwani	000	0	3	27	05	56	02	0	164	78	0	0	9	0	1	63	80
	Pasni	000	0	4	11	02	97	02	0	167	79	4	0	9	0	4	51	79
Karachi division	Ormara																	
	Lasbela	///	0	3	00	00	58	00	0	143	85	3	0	9	0	1	53	88
	Karachi (Manora)	000	0	2	27	05	97	03	0	156	[illegible]	0	0	9	9	1	56	86
	Karachi (Airport)	000	0	3	36	02	56	03	0	166	83	0	0	9	0	1	37	85
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	151	81	0	0	9	0	0	46	85
	Chhor	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	36	03	97	02	0	165	75	0	0	9	0	0	45	78
	Badin	000	0	0	36	06	97	02	0	161	82	0	0	9	0	0	41	82
Khairpur	Padidan	000	0	1	00	00	56	03	0	171	73	0	0	9	0	1	44	75
	Nawabshah	000	0	0	31	03	56	02	0	166	74	0	0	9	0	0	49	77
	Sukkur	000	6	0	23	02	56	02	0	166	76	0	0	9	0	0	46	78
	Kashmore																	
	Jacobabad	000	0	2	00	00	97	03	0	175	75	0	0	9	0	1	41	77
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	3	01	03	98	00	0	534	47	0	0	9	0	0	47	54
Peshawar	Drosh *																	
	Cherat *	000	0	0	00	00	98	01	0	[illegible]	58	0	0	5	0	0	27	63
	Kakul *	000	0	0	13	03	57	02	0	522	51	0	0	9	0	0	20	64
	Landikotal *	000	0	0	36	02	98	02	0	614	63	0	0	5	0	0	34	64
	Parachinar *	000	0	0	16	03	58	02	0	531	54	0	0	9	0	0	20	58
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	530	67	0	0	9	0	0	54	67
	Wana *	000	0	0	00	00	99	00	0	506	59	0	0	9	0	0	38	64
Quetta	Fort Sandeman *	000	0	0	31	03	98	02	0	522	65	0	0	9	0	0	23	67
	Hindubagh *	000	0	0	31	03	57	02	0	524	62	0	0	9	0	0	23	63
	Loralai *	000	0	0	18	01	97	01		525	55	0	0	9	0		00	63
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	544	67	0	0	9	0	0	20	70
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	538	56	0	0	9	0	0	23	58
	Chaman *	000	0	0	00	00	97	00	0	562	51	0	0	9	0	0	33	63
	Nushki *	000	0	0	00	00	97	02	0	584	59	0	0	9	0	0	21	63
	Dalbandin *	000	0	0	05	02	98	02	0	550	68	0	0	9	0	0	16	70
Kalat	Kalat *	000	0	0	31	02	98	00	2	551	53	0	0	9	0	0	17	67
	Khuzdar *																	
	Panjgur *	000	0	4	36	03	96	03	0	539	70	2	0	7	3	1	31	74

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Rangamati	000	2	4	36	02	58	01	4	181	65	2	4	4	7	4	59	61	—	—	—	—	—	—
Cox's Bazar	000	0	4	05	07	56	05	0	187	67	2	3	4	3	0	58	56	— 2	+ 1	0.7	— 3.4	91.9	140
Chittagong	000	0	6	00	00	56	02	7	171	65	0	0	9	0	0	//	18	+ 1	+ 2	1.2	— 1.5	105.7	103
Maijdee Court	000	0	3	00	00	57	02	2	180	68	0	0	9	3	2	65	56	— 1	— 2	—	—	—	115
Comilla	000	0	0	00	00	56	02	0	171	65	0	0	9	0	0	62	59	+ 3	+ 6	—	—	—	94
Brahmanbaria	000	0	5	00	00	56	03	1	154	58	5	5	5	0	0	45	//	—	—	1.3	— 0.1	55.1	78
Sylhet	000	0	7	05	05	96	02	2	179	59	3	5	5	3	5	54	58	—	—	—	—	—	98
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					
Mymensingh	000	0	0	80	00	9	10	0	184	65	0	0	9	0	0	56	54	+ 1	0	0.3	— 0.7	77.5	91
Narayanganj	000	0	0	31	02	97	00	0	167	63	0	0	9	0	0	58	58	+ 5	+ 2	1.3	+ 1.1	82.1	74
Dacca (Tezgaon)	000	0	6	31	05	96	05	2	178	63	0	0	9	0	1	58	54	—	—	1.3	—	65.9	—
Faridpur	000	0	2	34	05	97	01	0	176	65	2	2	5	0	0	56	56	+ 1	+ 3	—	—	—	71
Barisal	000	0	0	00	00	97	02	2	174	//	2	4	4	0	5	59	59	— 1	+ 4	—	—	—	81
Khulna	000	0	0	00	00	97	00	0	141	67	0	0	9	0	0	56	58	+ 3	+ 4		—		68
Satkhira	000	0	4	36	02	97	03	0	187	65	4	0	7	2	2	54	56	— 1	+ 5	0.2	— 1.7	61.7	65
Jessore	000	0	6	00	00	96	05	4	180	59	0	0	9	0	2	54	52	— 1	— 1	—	—	—	65
Pabna	000	0	2	31	05	96	02	0	177	63	0	0	9	0	1	54	58	—	—	1.0	—	66.3	59
Sirajganj	000	0	0	05	02	57	02	0	142	58	0	0	9	0	0	54	54	+ 1		—	—	—	64
Rajshahi																							—
Bogra	...	...	...	...	...	...	...	...			...	...		...	...	...	...	+ 3					49
Dinajpur	000	0	0	00	00	96	00	0	189	67	0	0	9	0	0	59	52	+ 4	+ 3	—	—		72
Rangpur	000	0	3	06	02	96	01	0	192	61	0	0	9	0	0	58	54	+ 3	+ 4	—	—	—	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	216	42	0	0	9	0	0	40	40	— 1	+ 1	0.0	— 0.4	17.9	19
Sialkot	000	0	0	00	00	98	00	0	120	50	0	0	9	0	0	49	//		—	—	—	—	33
Jhelum	000	0	0	00	00	94	10	0	218	38	0	0	9	0	1	32	35	—	—				—
Islamabad																							
Rawalpindi	000	0	0	00	00	97	00	0	225	31	0	0	9	0	0	30	31	+ 5	— 6	0.2	— 0.9	33.6	34
Campbellpur																							—
Khushab	000	0	0	09	00	97	10	0	201	40	0	0	9	0	0	32	38	+ 2	— 3	0.0	— 0.4	7.9	18
Sargodha	000	0	0	23	02	95	04	0	209	40	0	0	9	0	0	38	38	—	—	0.1	—	20.2	—
Lyallpur	000	0	0	00	00	95	10	0	212	41	0	0	9	0	0	32	38	+ 4	— 2	0.0	— 0.3	7.7	12
Sahiwal																							10
Multan	000	2	3	00	00	94	42	4	201	42	0	0	9	0	4	40	38	+ 7	— 3	0.0	— 0.3	11.3	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Bahawalpur	000	0	0	00	00	96	00	0	211	54	0	0	9	0	0	41	42	+ 3	+ 2	0.0	— 0.2	2.0	4
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Chakdra																							—
Peshawar	000	0	0	18	02	96	00	4	///	//	0	0	9	0	0	//	35	+ 2	— 4	0.5	— 0.2	14.8	11
Haripur	000	0	0	05	03	97	00	0	217	42	0	0	9	0	0	//	40	—	—	—	—	—	—
Bannu	000	0	0	00	00	99	01	0	214	40	0	0	9	0	0	//	40	—	—	0.5	—	4.9	11
D. I. Khan	080	0	0	00	00	56	00	0	213	42	0	0	9	0	0	//	40	0	+ 1	—	—	—	9
Sibi	000	0	2	10	03	97	03	1	225	43	2	0	9	2	0	42	42	—	—	0.0	—	0.2	5
Nokkundi	000	0	5	36	07	97	02	0	218	47	5	0	9	5	0	19	46	—	—	0.0	—	0.3	3
Turbat	000	0	0	09	02	96	00	0	234	58	0	0	9	0	0	24	/.	—	—	0.0	—	2.0	—
Jiwani	000	0	6	00	00	56	03	2	173	61	0	0	9	0	1	52	60	—	—	0.0	—	2.0	5
Pasni	000	0	4	11	04	57	02	0	203	67	4	0	9	4	0	57	//	+ 2	/	0.0	— 0.9	0.3	6
Ormara																							6
Lasbela	///	0	0	00	01	58	00	0	176	48	0	0	9	0	0	41	38	—	—	[illegible]	—	—	8
Karachi (Manora)	000	0	0	05	03	96	02	0	180	62	0	0	9	0	0	45	34	+ 9	+ 2	0.0	— 0.2	1.1	8
Karachi (Airport)	000	0	4	36	02	96	03	0	184	55	0	0	9	0	0	30	51	—	—	2.0	—	1.5	—
Nagarparker	000	0	0	05	02	57	02	0	194	65	0	0	9	0	0	45	65	—	—	—	—	—	—
Chhor	000	0	0	36	00	96	02	0	174	51	0	0	5	0	0	24	46		—	0.0	—	0.3	7
Hyderabad	000	0	1	00	03	//	03	0	155	55	0	0	9	0	1	41	54	+ 1	+ 3	0.0	— 0.1	0.3	9
Badin	000	0	0	36	04	96	02	0	175	50	0	0	9	0	0	41	46	+ 3	— 4	0.0	— 0.2	0.3	—
Padidan	000	0	0	31	03	56	02	0	202	44	0	0	9	0	0	39	43	—	—	0.0	—	0.8	—
Nawabshah	000	0	1	31	03	56	03	0	202	45	0	0	9	0	1	40	44	—	—	0.0	—	0.2	4
Sukkur	000	2	4	13	02	95	05	4	198	53	0	0	9	0	8	45	//	—	//	0.0	—	0.1	—
Kashmore																							4
Jacobabad	000	0	4	29	01	97	03	0	210	49	0	0	9	0	1	39	45	+ 2	+ 1	0.1	— 0.1	2.8	20
Veraval																							26
HILL STATIONS																							
Srinagar *																							—
Gulmarg **																							71
Sonamarg **																							24
Dras **																							3
Leh **																							6
Skardu *																							—
Misgar **																							—
Aliabad *																							3
Gilgit *																							39
Murree *	000	0	0	36	03	98	00	0	420	//	0	0	9	0	0	62	38	+ 2	+ 5	1.0	— 1.1	41.0	18
Drosh *																							29
Cherat *	000	0	6	36	03	98	00	0	533	47	0	0	9	0	0	07	42	+ 11	+ 2	0.6	— 0.7	15.2	—
Kakul *	000	0	0	02	02	55	04	0	535	45	0	0	9	0	0	//	42	—	—	1.0	—	33.9	—
Landikotal *	000	0	0	36	02	98	00	0	601	32	0	0	9	0	0	//	//	—	—	—	—	—	29
Parachinar *	000	0	0	34	03	98	02	0	554	38	0	0	9	0	4	//	34	+ 6	+ 4	—	—	—	13
Miranshah *	000	0	0	05	05	99	00	0	517	41	0	0	9	0	0	//	38	—	—	0.0	— 0.5	2.0	11
Wana *	000	0	0	00	00	99	00	0	501	38	0	0	9	0	0	//	//	—	—	—	—	—	11
Fort Sandeman *	000	0	4	00	00	98	03	0	530	35	0	0	9	0	4	29	33	+ 6	+ 4	0.0	— 0.5	6.5	—
Hindubagh *	000	0	7	00	00	96	03	0	577	33	7	0	9	0	3	18	23	—	—	0.0	—	6.2	9
Loralai *	000	0	4	27	09	97	03	0	537	35	0	0	9	0	1	04	33	—	—	—	—	—	—
Barkhan *																							14
Harnai *	000	0	6	00	00	96	02	0	513	45	0	0	9	0	4	14	40	—	—	—	—	—	9
Samungli (Quetta) *	000	0	5	31	03	56	03	0	556	24	0	0	9	0	4	21	21		— 10	0.5	— 0.5	3.6	8
Chaman *	000	0	0	09	03	57	00	0	538	39	0	0	9	0	0	22	36	+ 9	+ 1	0.0	— 1.3	4.8	—
Nushki *	000	0	0	07	05	97	02	0	572	58	0	0	9	0	0	31	54	—	—	0.0	—	2.7	4
Dalbandin *	000	0	5	00	00	98	03	0	516	39	0	0	9	0	6	16	//	+ 7	//	0.0	— 0.6	0.5	7
Kalat *	000	0	0	12	02	97	00	0	518	//	0	0	9	0	0	13	25	+ 15	— 1	0.0	— 0.9	2.2	—
Khuzdar *																							—
Panjgur *	000	0	7	05	02	96	03	1	520	44	1	0	9	3	7	27	43	+ 8	+ 6	—	—	—	—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 24ht DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
AvedrechP	99 2 53	10 5 76	23 4 23	78 0 00	98 0 32	17 0 //	00 9 80	0// 16				12 4 83	30 0 00	00 / 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ ToToTo DoDo)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ..	00 00	012 150 18	130 156 42	490 122 56	114 042 56	578 111 57	745 223 57	950 381 58	217 575 //	394 467 //	...	...	...	...
Dacca ...	00 00	015 220 58	138 195 25	460 100 61	122 062 //	579 105 //	747 219 //	953 373 //	223 531 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 134 57	500 130 55	500 130 55	132 094 //	580 131 //	746 245 //	942 341 //	225 481 //	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	824 022 57	...	..	310 032 //	571 175 //	734 297 //	934 413 //	203 517 //	...	...	...	...	...
Sargodha ...	00 00	997 082 25	158 // //	490 064 45	069 035 //	565 175 //	729 265 //	933 351 //	—	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 144 6	800 106 56	600 019 56	350 303 57	...	...	...	...	...	...	—	...
Dacca ...	00 00	900 132 59	800 110 7?	600 031 //	350 287 //	...	—	...	...	—	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	—	...	...	...	—	...	...	—	—	—	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00		...	...	...	...	...	—	—	—	...	...	...
Sargodha ...													

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	3	4	5	6	7	8	9	10
Barisal	355 05	355 07	345 08	320 08	300 07	...	...	—	...
Bogra	325 08	330 07	350 04	090 04	245 03	260 12	...	...	...
Chaklala	...	305 03	300 03	305 04	320 04	025 04	290 10	280 13	290 19
Chhor	020 07	030 09	035 07	040 07	310 08	300 17	310 36	300 38	...
Chittagong	325 09	325 05	310 02	190 09	220 06	250 18	...	—	..
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	340 08	340 09	350 06	350 07	030 10	285 04	...	...	..
Dacca	310 04	320 06	360 04	020 07	310 08	255 09	...	...	...
Dalbandin	...	...	090 11	050 09	040 13	345 16	310 17	310 31	310 30
D. I. Khan	190 04	165 04	145 03	275 04	335 04	325 08	...	..	..
Drosh	...	...	...	...	...	...	...	...	...
Fort Sandeman	..	..	...	360 05	320 10	320 15	355 10	...	..
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	340 10	340 10	340 08	280 05	265 06	265 23	280 26	...	..
Jacobabad	245 04	210 04	210 03	360 10	355 10	325 13	325 17	325 17	300 26
Jessore	340 09	340 09	340 11	355 13	330 12	295 07	...	...	...
Jhelum	200 05	330 08	300 08	310 15	320 17	300 10	295 31	310 32	...
Jiwani	260 08	340 06	025 08	065 14	065 13	065 09	300 14	300 17	285 20
Karachi	360 02	360 03	360 03	340 05	035 07	315 16	300 35	305 34	295 32
Khanpur	045 04	040 05	040 05	095 04	105 04	140 16	360 04	225 09	260 26
Khuzdar	...	..	..	..	...	...	...	...	...
Lahore	290 07	280 09	290 06	305 09	320 10	330 13	300 20	310 25	330 36
Multan	085 05	100 03	095 03	310 04	245 04	275 10	330 19	330 28	202 25
Nawab Shah	015 06	850 08	025 07	275 07	320 09	310 17	310 35	290 38	..
Nokkundi	...		225 03	170 04	010 10	345 19	300 25	305 36	205 26
Panjgur	..		...	025 10	035 13	025 15	355 17	..	
Peshawar	...	050 02	145 02	215 06	290 19	380 10	325 24	320 35	320 39
Parachinar	...	...	...	—	155 08	280 06	335 12	330 35	310 40
Quetta	...	...		...	300 12	340 09	34 16	315 20	305 20
Sargodha	245 05	265 04	265 05	315 07	010 10	295 07	335 17	340 29	330 29
Skardu	...	...	...	...	...	...	...	...	...
Sylhet	020 06	070 03	090 03	110 15	140 05	130 15	..	—	..
Veraval	...	...		...	...	..	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	025 07	025 05	325 06	320 04	..	...
Bogra	355 14	010 07	015 03	281 00	285 15	270 26
Chaklala	...	005 06	315 03	270 04	290 07	315 01
Chhor	080 19	060 09	060 09	320 11	350 06	325 09
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	030 08	015 06	010 06	240 06	175 09	160 11
Dacca	345 12	360 09	050 07	// ///	320 03	// ///
Dalbandin	...	...	065 01	045 06	150 07	325 06
D. I. Khan	160 03	175 03	180 04	195 07	290 06	010 06
Drosh	—	-	...	—		
Fort Sandeman	...	..	...	...	220 04	290 04
Gilgit	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	—
Jacobabad	060 03	140 01	220 01	205 03	140 05	..
Jessore	005 19	010 10	020 23	020 06	335 04	335 13
Jhelum	340 06	320 08	305 09	305 01	340 12	300 22
Jiwani	350 08	035 09	060 08	070 14	090 06	170 03
Karachi	—			...	...	...
Khanpur	040 10	040 12	035 12	020 13	065 13	110 16
Khuzdar	...	...	...	325 03	335 04	320 09
Lahore	315 06	335 10	310 10	335 1[illegible]	325 17	340 28
Multan	130 06	160 03	190 03	065 02	010 12	295 15
Nawab Shah	040 14	045 08	060 05	015 05	010 10	325 09
Nokkundi	...	...	360 04	335 05	305 07	275 11
Panjgur	...	..	...	030 09	355 12	340 16
Peshawar	...	...	..	..		
Parachinar	...	...	...	...		
Quetta				...	185 02	270 05
Sargodha	260 08	290 08	205 07	270 05	315 11	340 16
Skardu	...	...	..	..	..	...
Sylhet	100 12	105 06	115 07	203 11	200 18	260 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	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	360 05	010 07	015 09	350 11	325 13	320 14	..	...	...	...	...
Bogra	360 05	360 09	360 09	315 04	315 07	290 19	275 29	250 51	270 58	...	...
Chaklala	...				...		...	...	...	...	...
Chhor	150 05	155 06	185 09	220 06	225 12	245 21	260 29	270 30	255 36	...	...
Chittagong	...	...	...	...	—	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	355 06	335 09	360 07	015 04	285 06	295 15	260 21	265 27	...	...	...
Dacca	...	...	090 05	035 05	330 07	395 03	265 11	...	...	...	...
Dalbandin	190 06	205 05	200 31	200 06	200 06	110 05	225 06	340 13	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	-	...	—	...	—	...	...	...	...	...	...
Fort Sandeman	..	...	-	...	...	...	...	...	...	..	...
Gilgit	...	...	...	...	...	...	...	...	...	..	...
Ishurdi	020 10	360 05	320 02	270 07	090 10	130 10	...	...	...	...	..
Jacobabad	355 13	350 10	360 07	320 06	320 10	285 15	260 10	290 14	...	-	...
Jessore	335 05	290 09	290 17	295 10	310 09	345 12	315 15	335 23	335 31	..	...
Jhelum	110 06	085 07	080 07	110 06	100 08	200 07	200 09	250 17	..	...	—
Jiwani	055 10	075 10	080 07	075 07	035 04	350 09	340 14	290 22	290 27	275 29	—
Karachi	...	...	...	...	...	...	..	...	...	—	..
Khanpur	..	...	...	...	...	...	...	..	...	...	...
Lahore	310 05	315 08	310 08	325 07	305 13	340 14	325 16	330 26	325 35	315 31	..
Multan	100 11	270 12	220 11	215 11	215 15	165 10	...	...	...	...	...
Nawab Shah	070 08	060 09	345 08	020 07	060 10	015 04	305 07	325 13	315 28	320 35	--
Nokkundi	...	...	110 10	160 09	215 08	245 11	...	...	...	...	—
Panjgur	...	...	...	040 05	355 07	255 06	240 03	230 10	255 15	265 24	—
Peshawar	..	045 03	060 02	285 08	305 14	305 09	315 07	335 23	295 29	300 35	—
Parachinar	...	...	...	285 05	170 06	320 21	..	...	...	...	—
Quetta			—	..	130 02	295 06	305 16	225 24	305 26	250 33	..
Sargodha	300 04	295 04	295 04	295 07	315 07	320 15	315 24	295 25	310 23	315 32	...
Skardu	.	...		...	...	...	..	..	...	...	...
Sylhet	115 01	095 07	090 07	075 07	210 07	285 38	270 16	280 33	255 41	...	...
Veraval	..	...	...	...	...	.	...	..	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ..	030 12	080 09	070 06	060 06	015 07	325 13	315 28	310 34	295 35	310 34	300 41	295 54	—	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.

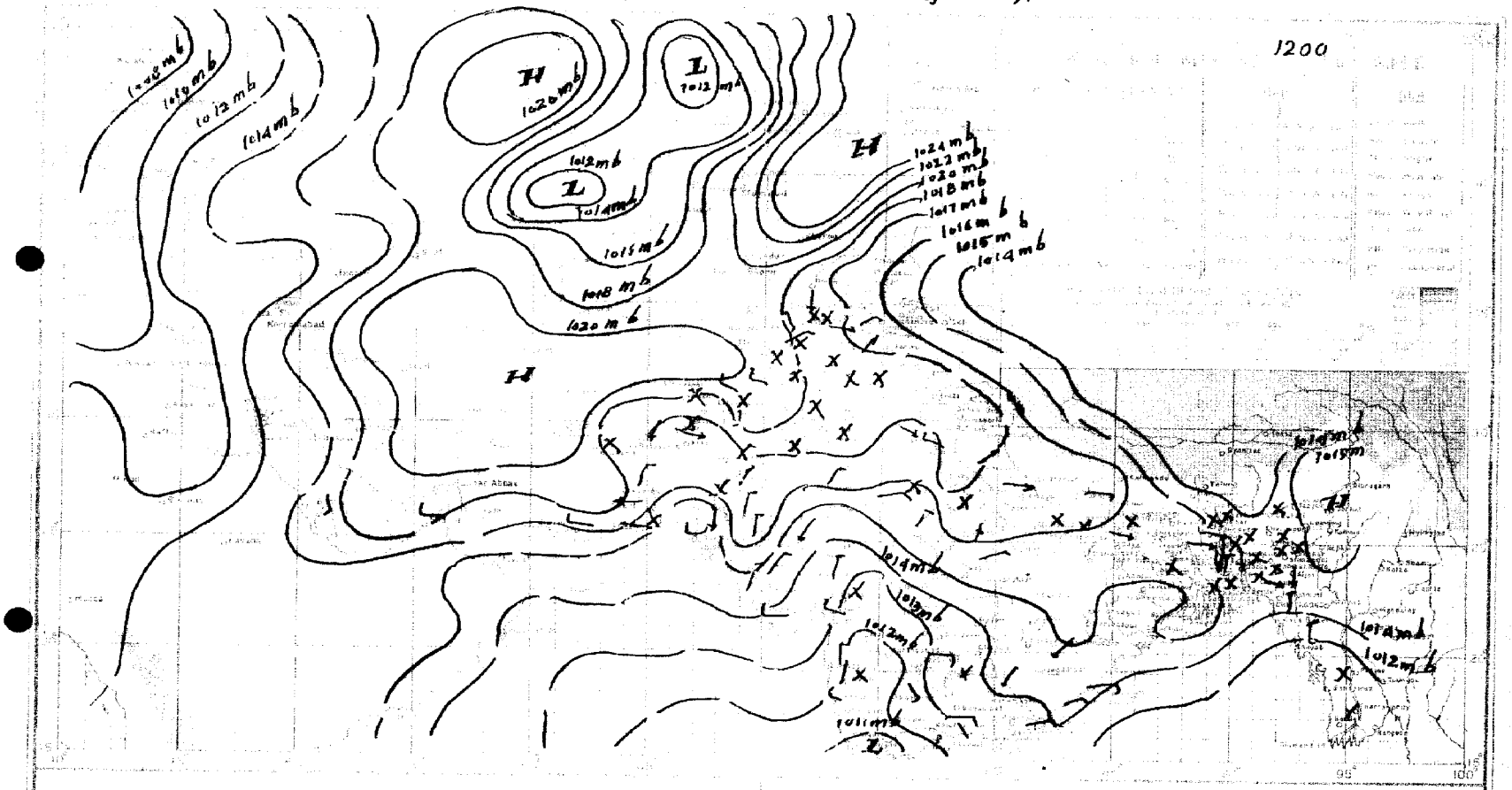
PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

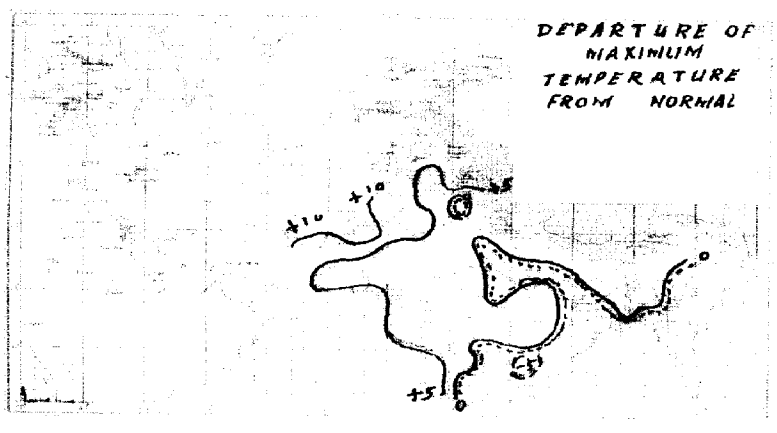
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

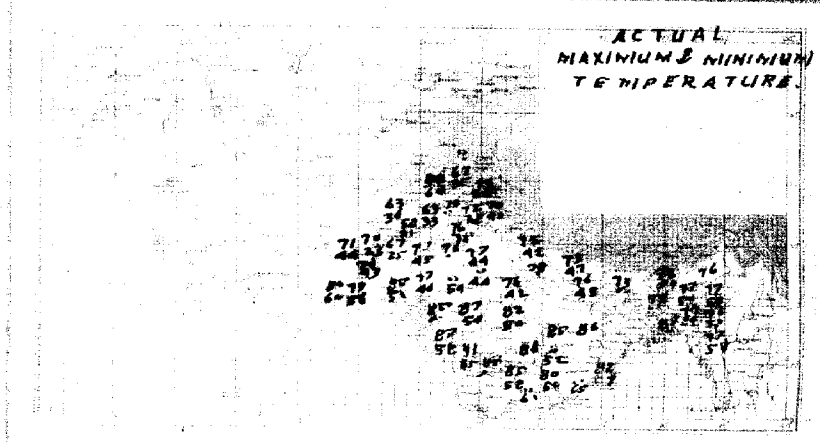
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd DECEMBER, 1969.

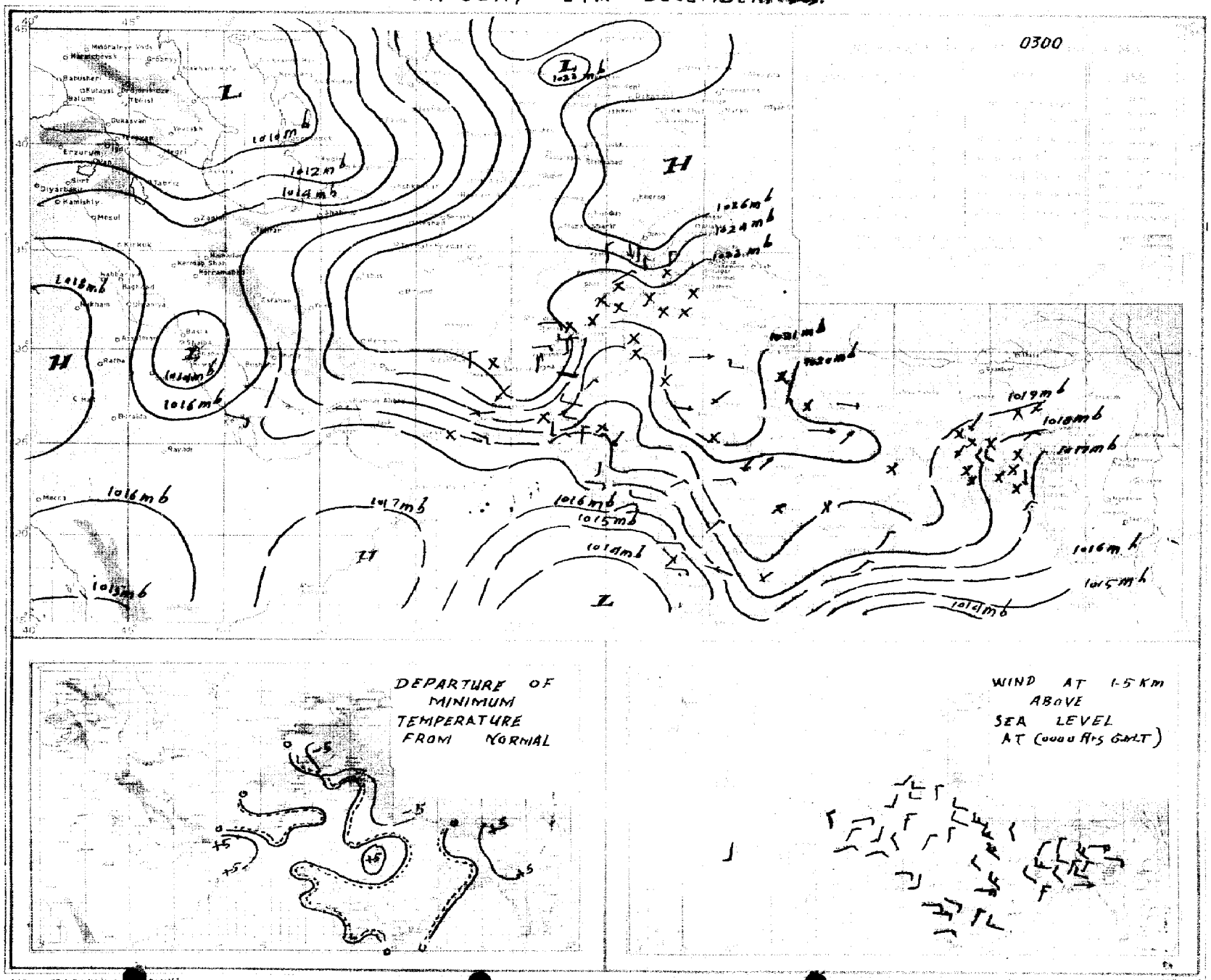






PAKISTAN DAILY WEATHER MAP

WEDNESDAY 24th DECEMBER, [illegible].



Pages 1—2 Rs. 3/-
Pages 1—2 Rs: 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 25th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

A western disturbance is moving across Russian Turkistan. Its feeble secondary lies over East Iran.
Weather remained dry over the country.
Night temperatures were 3—4 °F (2 °C) above normal in Rajshahi, Peshawar and Khairpur divisions and nearly normal over the country.
Forecast valid until the evening of 26th December 1969 :—Scattered rain/drizzle may occur in Dacca, D. I. Khan and Peshawar divisions. Dry weather will prevail elsewhere over the country.

Karachi-11
The 25th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	3	36	02	//	01	8	146	72	3	3	7	0	0	62	78
	Cox's Bazar	000	0	6	09	00	//	02	0	136	71	6	1	5	4	2	59	77
	Chittagong	000	0	7	37	02	//	02	2	142	69	3	0	9	3	1	59	77
	Maijdee Court	000	0	8	00	00	//	03	0	138	71	1	1	9	1	1	54	77
	Comilla	000	0	0	00	00	56	02	0	142	73	0	0	9	0	0	56	77
	Brahmanbaria	000	0	5	00	00	//	03	1	143	69	0	0	9	0	7	64	75
	Sylhet	000	0	4	00	00	//	01	2	129	64	0	0	9	0	1	56	75
	Srimangal	000	0	0	00	00	//	00	0	155	59	0	0	9	0	0	58	77
Dacca	Mymensingh	000	0	0	00	00	//	00	0	148	72	0	0	9	0	6	54	78
	Narayanganj	000	0	0	00	00	//	00	0	144	73	0	0	9	0	0	58	80
	Dacca (Tejgaon)	000	0	3	00	00	56	02	0	147	69	0	0	9	0	1	58	77
	Faridpur	000	0	0	34	02	93	01	1	144	69	0	0	9	0	0	54	73
Khulna	Barisal	000	0	5	00	00	//	02	2	144	66	1	4	4	0	5	60	75
	Khulna	000	0	4	00	00	57	00	0	144	73	2	2	9	0	0	66	80
	Satkhira	000	0	0	00	00	97	00	0	161	66	0	0	9	0	0	59	75
	Jessore	000	0	2	00	00	56	02	0	145	66	0	0	9	0	7	56	77
Rajshahi	Pabna	000	0	9	00	00	//	02	0	143	72	/	/	/	/	/	58	78
	Sirajganj	000	0	0	36	01	//	00	0	146	73	0	0	9	0	0	58	79
	Rajshahi	000	0	0	00	00	94	02	0	154	69	0	0	9	0	0	58	75
	Bogra	000	0	1	00	00	//	02	0	136	66	0	0	9	3	0	58	77
	Dinajpur	000	0	0	00	00	//	00	0	143	69	0	0	9	0	0	60	78
	Rangpur	000	0	0	00	00	96	01	0	145	62	0	0	9	0	0	58	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	000	0	0	00	00	97	00	0	149	//	0	0	9	0	0	49	78
Rawalpindi	Jhelum	000	0	4	18	02	96	01	1	173	64	0	0	9	0	6	40	73
	Islamabad																	
	Rawalpindi	000	0	6	27	02	98	02	0	185	64	0	0	9	0	4	36	69
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	00	0	175	69	0	0	9	0	0	60	72
	Sargodha	000	0	5	27	02	96	04	1	177	66	0	0	9	0	2	54	73
	Lyallpur	000	0	0	29	02	95	00	0	178	68	0	0	9	0	0	49	71
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	000	0	0	30	00	94	00	0	184	77	0	0	9	0	0	38	77
	Leiah																	
Bahawalpur	Khanpur	000	0	3	00	00	97	03	0	157	73	0	0	9	0	1	40	78
	Bahawalpur	000	0	0	00	00	56	00	0	167	73	0	0	9	0	0	45	80
	Fort Abbas	000	0	0	00	00	98	00	0	167	73	0	0	9	0	0	56	75
Peshawar	Chakdara	000	0	4	23	02	99	01	2	154	60	4	0	9	0	2	38	60
	Peshawar	000	0	6	00	00	56	04	1	183	60	0	0	9	0	1	41	63
	Haripur	000	0	0	08	03	58	00	0	176	68	0	0	9	0	0	55	66
D. I. Khan	Bannu	000	0	6	13	01	58	03	1	179	64	0	0	9	4	8	38	//
	D. I. Khan	000	0	0	00	00	//	00	0	182	69	0	0	9	0	0	45	69
Quetta	Sibi	000	0	6	08	03	97	03	1	181	74	0	4	9	4	0	26	80
	Nokkundi	000	0	3	13	03	56	01	1	136	71	3	5	6	0	0	25	72
Kalat	Turbat	000	0	0	33	02	96	00	0	///	86	0	0	9	0	0	56	86
	Jiwani	000	0	6	18	05	96	02	2	155	75	2	6	5	0	1	65	/8
	Pasni	000	0	4	11	04	97	02	0	165	75	4	0	9	0	0	65	76
Karachi division	Ormara																	
	Lasbela	000	0	3	00	00	58	00	0	157	85	0	0	9	0	0	29	87
	Karachi (Manora)	000	0	4	05	05	97	03	0	153	80	0	0	9	0	1	51	86
	Karachi (Airport)	000	0	4	05	05	56	02	1	153	82	0	0	9	0	1	32	83
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	151	81	0	0	9	0	0	46	85
	Chhor	000	0	2	05	02	96	02	0	152	81	0	0	4	0	1	30	85
	Hyderabad	000	0	6	36	02	97	03	1	168	76	0	0	9	0	1	46	80
	Badin	000	0	0	36	08	97	02	0	149	82	0	0	9	0	0	41	83
Khairpur	Padidan	000	0	3	36	03	97	03	0	174	72	0	0	9	0	5	44	76
	Nawabshah	000	0	4	32	06	96	02	1	176	76	0	0	9	(	0	50	78
	Sukkur	000	0	4	10	02	95	05	4	161	76	0	0	9	0	8	46	78
	Kashmore																	
	Jacobabad	000	0	6	00	00	97	03	1	174	73	0	0	9	0	4	41	76
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Alibad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	05	03	97	02	1	547	46	2	5	2	4	5	20	59
Peshawar	Drosh *	000	0	1	25	03	97	02	1	546	50	0	0	9	0	0	27	54
	Cherat *	000	0	3	36	05	98	07	0	540	54	3	2	7	8	0	15	63
	Kakul *	000	0	4	18	03	98	00	0	530	54	0	0	9	/	1	21	63
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Prachinar *																	
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	529	64	8	0	9	0	0	24	66
	Wana *	000	0	2	00	00	99	03	0	528	63	2	2	6	0	0	38	68
Quetta	Fort Sandeman *	000	0	3	23	02	98	03	0	518	64	0	0	9	0	1	08	67
	Hindubagh *	000	0	7	23	03	55	03	0	513	60	7	0	9	0	3	19	61
	Loralai *	000	0	0	13	05	97	02	0	502	60	0	0	9	0	1	09	64
	Barkhan *																	
	Harnai *	000	0	8	23	02	96	02	0	508	66	0	0	9	0	6	37	69
	Samungli (Quetta) *	000	0	7	00	00	96	03	0	523	58	0	0	9	0	4	40	60
	Chaman *	000	0	0	05	03	96	00	0	519	62	0	0	9	0	0	51	63
	Nushki *	000	0	3	06	00	97	02	0	570	65	0	0	9	0	0	36	65
	Dalbandin *	000	0	7	00	00	97	03	2	525	67	1	5	7	2	0	21	68
Kalat	Kalat *	000	0	0	23	02	97	00	2	596	58	0	0	9	0	0	19	65
	Khuzdar *	000	0	4	13	03	97	01	1	517	66	5	1	7	0	6	26	67
	Panjgur *	000	0	4	23	02	96	03	1	522	71	4	0	9	3	0	40	75

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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	0	4	31	02	98	01	1	199	66	1	1	7	7	4	59	60
	Cox's Bazar	000	0	4	09	05	96	02	0	177	66	1	1	4	1	2	62	56
	Chittagong	000	0	4	05	04	96	01	2	185	64	0	0	9	0	4	56	56
	Maijdee Court	000	9	6	36	02	96	03	2	190	64	2	5	5	2	1	63	56
	Comilla	000	0	0	34	05	56	02	0	184	62	0	0	9	0	0	59	60
	Brahmanbaria	000	0	3	36	02	96	03	1	192	46	0	0	9	0	7	59	54
	Sylhet	000	0	2	09	05	96	02	0	189	66	0	0	9	0	0	54	54
	Srimangal	000	0	0	00	00	56	00	0	183	63	0	0	9	0	0	58	44
Dacca	Mymensingh	000	0	0	05	02	97	00	0	199	64	0	0	9	0	0	54	54
	Narayanganj	000	0	0	80	00	97	00	0	1-3	59	0	0	9	0	0	58	56
	Dacca (Tejgaon)	000	0	0	05	05	96	05	0	///	//	0	0	9	0	0	56	56
	Faridpur	000	0	/	//	//	97	00	0	184	69	0	0	9	0	0	54	54
Khulna	Barisal	000	0	5	36	02	97	01	2	191	60	0	0	9	0	5	58	56
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	000	0	0	36	03	97	00	0	156	60	0	0	9	0	0	52	54
	Jessore	000	0	2	03	07	96	02	0	156	62	0	0	9	0	8	52	50
Rajshahi	Pabna	000	0	0	01	02	97	01	0	196	62	0	0	9	0	0	54	56
	Sirajganj	000	0	0	36	01	58	00	0	191	64	0	0	9	0	0	54	54
	Rajshahi	000	0	0	00	00	97	02	0	203	60	0	0	9	0	0	54	54
	Bogra	000	0	1	31	04	96	02	0	202	64	0	0	9	3	0	52	56
	Dinajpur	000	0	0	27	02	96	00	0	189	67	0	0	9	0	0	54	54
	Rangpur	000	0	0	36	05	96	01	0	191	60	0	0	9	0	0	58	54
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	94	10	0	209	43	0	0	9	0	4	40	41
	Sialkot	000	0	9	00	00	//	//	/	170	52	0	0	9	0	0	45	30
Rawalpindi	Jhelum	000	0	5	00	00	94	10	1	209	28	0	0	9	0	5	35	35
	Islamabad																	
	Rawalpindi	000	0	4	00	00	96	10	0	224	34	0	0	9	0	8	35	34
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	97	00	0	///	38	0	0	9	0	0	32	35
	Sargodha	000	0	7	00	00	96	04	0	206	41	0	0	9	0	2	40	38
	Lyallpur	000	0	0	00	00	95	08	0	206	43	0	0	9	0	0	38	40
Multan	Sahiwal	000	2	5	00	00	92	12	4	201	46	0	0	9	3	1	41	40
	Multan	000	0	0	36	00	92	00	0	203	43	0	0	9	0	0	40	40
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	000	0	0	05	02	98	00	0	155	56	0	0	9	0	0	31	56
Peshawar	Chakdara	000	0	6	05	07	98	03	0	213	38	8	0	9	0	9	24	32
	Peshawar	000	0	6	00	00	96	04	/	217	40	0	0	9	0	2	28	40
	Haripur	000	0	0	05	03	97	00	0	211	43	0	0	9	0	0	20	40
D. I. Khan	Bannu	000	0	6	31	01	98	03	2	214	43	1	2	7	6	0	35	40
	D. I. Khan	000	0	3	00	00	97	02	0	192	43	0	0	9	0	4	30	40
Quetta	Sibi	000	0	0	00	00	97	03	1	207	44	6	0	9	6	0	28	42
	Nokkundi	008	0	5	09	07	97	02	0	183	54	5	5	6	0	0	19	53
Kalat	Turbat	000	0	0	13	00	96	00	0	///	60	0	0	9	0	0	53	//
	Jiwani	000	0	3	05	03	96	01	1	186	63	1	6	5	0	1	60	60
	Pasni	000	0	4	23	04	97	02	0	165	61	4	0	9	0	0	49	//
Karachi division	Ormara																	
	Lasbela	000	0	6	00	07	58	00	0	187	55	0	0	8	0	0	42	40
	Karachi (Manora)	000	0	5	07	03	96	03	1	183	64	0	0	9	0	1	46	62
	Karachi (Airport)	000	0	4	36	05	96	02	1	187	59	0	0	9	0	1	32	55
Hyderabad	Nagarparkar	000	0	0	05	02	57	02	2	204	65	6	6	6	0	0	63	65
	Chhor	000	0	7	.5	03	94	02	1	184	50	0	0	5	0	0	33	48
	Hyderabad	000	0	7	36	05	97	02	2	1-8	56	2	0	9	3	1	42	55
	Badin	000	0	6	36	04	96	03	0	154	52	0	0	9	0	6	36	4·
Khairpur	Padidan	000	0	3	00	00	96	02	0	206	47	0	0	9	(	5	43	43
	Nawabshah	000	0	5	00	00	96	03	0	201	49	0	0	9	0	4	45	45
	Sukkur	000	0	6	13	02	95	05	4	203	54	6	0	9	6	0	46	51
	Kashmore																	
	Jacobabad	000	0	6	27	02	96	03	2	196	49	8	0	9	0	8	36	48
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Alibad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	07	03	97	02	1	544	46	2	5	4	0	0	09	40
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	3	36	18	58	01	0	536	52	3	7	1	/	6	//	45
	Kakul *	000	0	5	00	00	97	03	1	534	46	0	0	9	0	5	17	43
	Landikotal *	000	0	0	06	02	98	02	0	602	34	0	0	9	0	1	27	24
	Prachinar *																	
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	592	40	0	0	9	0	2	23	35
	Wana *	000	0	0	00	00	99	00	0	500	36	0	0	9	0	0	24	28
Quetta	Fort Sandeman *	000	0	7	27	03	98	02	0	571	39	0	0	9	0	0	07	34
	Hindubagh *	000	0	8	00	00	97	03	0	579	33	0	0	9	0	1	18	22
	Loralai *	000	0	7	00	00	98	02	2	549	37	0	0	9	0	2	12	35
	Barkhan *																	
	Harnai *	000	0	6	05	07	96	02	0	504	45	0	0	9	0	4	19	44
	Samungli (Quetta) *	000	0	0	00	00	56	03	0	546	79	0	0	9	0	1	27	23
	Chaman *	000	0	0	09	03	57	00	0	540	42	0	0	9	0	0	18	32
	Nushki *	000	0	3	07	05	57	02	0	565	59	0	0	9	0	2	31	50
	Dalbandin *	000	0	4	05	02	58	01	/	508	45	4	0	9	3	0	21	39
Kalat	Kalat *	000	0	0	18	02	97	00	2	542	42	0	0	9	0	0	17	27
	Khuzdar *	000	0	4	31	02	96	02	1	528	44	2	0	9	2	1	17	44
	Panjgur *	000	0	5	00	00	96	01	2	525	46	3	0	9	4	1	28	43

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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	— 2	+ 1	0.7	— 3.5	91.9	140
	Chittagong	0	0	1.2	— 1.5	105.7	103
	Maijdee Court	—	— 2	—	—	—	113
	Comilla	+ 1	+ 7	—	—	—	94
	Brahmanbaria	—	—	1.3	— 0.1	55.1	78
	Sylhet	—	—	—	—	—	
	Srimangal	— 3	— 3	—	—	—	98
Dacca	Mymensingh	+ 2	0	0.3	— 0.7	77.6	91
	Narayanganj	+ 3	0	1.3	+ 0.2	82.1	74
	Dacca (Tejgaon)	—		1.3	—	65.9	—
	Faridpur	— 2	+ 1	—	—	—	71
Khulna	Barisal	— 2	+ 1	—	—	—	81
	Khulna	+ 3					68
	Satkhira	— 4	+ 3	0.2	— 1.8	61.7	65
	Jessore	+ 1	— 3	—	—	—	65
Rajshahi	Pabna	—	—	1.0	—	66.3	59
	Sirajganj	+ 4	+ 1	—	—	—	64
	Rajshahi	—	—	—	—	—	—
	Bogra	+ 2	+ 3	—	—	—	69
	Dinajpur	+ 4	+ 5	—	—	—	72
	Rangpur	+ 3	+ 4	—	—	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)		+ 2	0.0	— 0.4	18.0	19
	Sialkot	+ 11	— 11	—	—	—	33
Rawalpindi	Jhelum	—	—	—	—	—	—
	Islamabad						
	Rawalpindi	+ 4	— 3	0.2	— 1.0	33.6	36
	Campbellpur						—
Sargodha	Khushab	+ 2	— 6	0.0	— 0.4	7.9	15
	Sargodha	—	—	0.1	—	20.2	—
	Lyallpur	+ 3	0	0.0	— 0.3	7.7	12
Multan	Sahiwal		— 1	0.0	— 0.3	11.3	10
	Multan	—	—	—	—	—	7
	Leiah						8
Bahawalpur	Khanpur	+ 5					6
	Bahawalpur	+ 7					6
	Fort Abbas	—	—	—	—	—	8
Peshawar	Chakdara	—	—	—	—	—	—
	Peshawar	— 2	+ 1	0.5	— 0.3	14.8	11
	Haripur	—	—	—			—
D. I. Khan	Bannu	—	—	0.5	—	5.0	11
	D. I. Khan	— 1	+ 1	—	—	—	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—	—	0.0	—	0.3	2
Kalat	Turbat	—	—	0.0	—	2.0	—
	Jiwani	—	—	0.0	—	2.0	3
	Pasni	— 1	/	0.0	— 0.9	0.3	6
Karachi division	Ormara						6
	Lasbela	—	—	—	—	—	8
	Karachi (Manora)	+ 9	+ 4	0.0	— 0.2	1.1	8
	Karachi (Airport)	—	—	0.0	—	1.5	—
Hyderabad	Nagarparkar	—	—	—	—	—	—
	Chhor	—	—	0.0	—	0.3	7
	Hyderabad	+ 3	+ 4	0.0	— 0.2	0.3	9
	Badin	+	—	0.0	— 0.2	0.3	—
Khairpur	Padidan			0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	0.2	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	+ 3	+ 4	0.1	— 0.2	2.8	20
Junagadh	Veraval						26
HILL STATIONS							—
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						3
	Alibad *						39
	Gilgit *						
Rawalpindi	Murree *	+ 12	+ 7	1.0	— 1.1	41.0	10
Peshawar	Drosh *	+ 5					29
	Cherat *	+ 11	+ 4	0.6	— 0.7	15.2	—
	Kakul *	—	—	1.0	—	33.9	—
	Landikotal *		—	—	—	—	29
	Prachinar *						13
D. I. Khan	Miranshah *	—	—	0.0	— 0.6	2.0	11
	Wana *	—	—	—	—	—	11
Quetta	Fort Sandeman *	+ 6	+ 5	0.0	— 0.5	6.5	9
	Hindubagh *	—	—	0.0	—	6.2	—
	Loralai *	—	—	—	—	—	14
	Barkhan *						9
	Harnai *	—	—	—	—	—	8
	Samungli (Quetta) *	+ 6	— 8	0.5	— 0.5	3.6	—
	Chaman *	+ 9	— 3	0.0	— 1.4	4.8	4
	Nushki *	—	—	0.0	—	2.7	7
	Dalbandin *	+ 5	+ 8	0.0	— 0.1	0.5	
Kalat	Kalat *	+ 13	+ 1	0.0	— 1.0	2.2	—
	Khuzdar *	—	—	—	—	—	
	Panjgur *	+ 10	+ 6	—	—	—	—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 25th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Avdrech	99 2 09	10 6 27	24 1 23	30 6 10	99 0 21	15 0 24	20 7 31				0 / / 16	12 5 73	30 2 01	09 7 02
Hazelmoor	99 2 23	10 6 31	24 1 23	20 6 08	99 0 20	15 5 25	34 0 00	13 6 12			0 / / 16	12 6 00	30 1 01	05 3 02
Barendrecht	99 1 86	10 6 37	24 1 23	10 4 09	// ///	12 3 25	// 3 00				0 / / 17	12 6 96	30 2 01	09 / / /
Bay of Bengal														
City of Glaxgow	99 7 90	10 8 99	24 0 03	35 5 10	98 0 11	16 1 23	33 3 00	14 3 12			...	...	...	01 5 02
City of Glaxgow	99 1 62	10 8 73	24 1 23	80 5 17	98 0 22	17 6 21	11 3 47	14 0 05			0 / / 18	12 6 77	30 3 03	04 7 25
City of Glaxgow	99 1 78	10 8 88	24 1 03	70 5 10	98 0 02	14 0 23	22 4 26	14 0 00			0 / / 17	12 5 39	30 3 02	36 5 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o\ T_oT_oT_o\ D_oD_o$)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ..	00 00	012 186 31	...	470 108 25	102 052 57	578 111 56	746 215 57	952 389 57	222 573 //	408 677 //	...	...	...	...
Dacca ...	00 00	014 200 58	...	460 098 58	096 054 68	577 1.7 69	745 231 69	949 375 70	219 539 //	410 658 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 134 63	...	450 054 56	044 041 //	563 175 //	727 251 //	931 361 //	...	...	...	...	...	...
Multan ...	00 00	005 000 00	...	500 074 56	084 031 //	569 111 //	729 295 //	929 391 //	...					
Peshawar ...	00 00	997 050 56	...	650 027 58	028 027 62	563 161 56	727 263 //	930 395 //	197 561 //					
Quetta ...	00 00	823 058 57	...	/// /// //	097 013 //	569 203 //	730 315 //	934 489 //	284 499 //		...	...	...	...
Sargodha ...	00 00	998 090 80	..	490 060 50	078 041 62	564 181 //	728 265 //	926 385 //	203 491 //	388 581 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m\ d_md_m\ f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{tt}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 118 28	800 094 56	640 000 62	600 029 56	350 289 58	143 681 //	...	...	...	258 246 01	—	—
Dacca ...	00 00	900 124 61	861 086 59	800 102 67	625 000 66	600 021 66	350 303 69	125 721 //	...	...	278 251 85	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	—
Multan ...	00 00												
Peshawar ...	00 00												
Quetta ...	00 00	800 052 //	721 000 //	600 087 //	350 367 //	212 487 //	...	—	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...							

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
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	350 04	355 06	345 08	280 04	270 06	275 13	...	...	...
Bogra ...	335 07	325 06	320 06	280 02	250 10	270 19	—	...	—
Chaklala —	...	280 08	315 16	310 08	340 //	315 18			
Chhor —	040 //	045 10	045 09	085 07	055 05	300 //	300 23	305 03	315 46
Chittagong —	185 04	087 02	078 01	100 02	085 03	086 03	...	...	...
Cherat ...	...		...	...		...	...	—	...
Cox's Bazar —	290 06	335 03	355 07	100 10	195 09	215 18	...	—	...
Dacca —	330 10	325 09	355 09	325 04	250 04	275 15	...	...	...
Dalbandin —	...	...	060 02	255 07	220 05	255 10	255 19	260 11	...
D. I. Khan —	145 04	140 04	135 04	195 06	215 11	200 06	170 05	305 08	265 14
Drosh —	...	...	...	010 07	020 07	315 18	025 07	015 24	315 19
Fort Sandeman —	—	...	...	220 05	220 08	240 09	295 13	290 22	285 31
Gilgit ...		...		...		...	...	...	...
Ishurdi ...	340 08	340 06	340 06	290 04	295 14	265 16	...	...	...
Jacobabad —	360 01	030 01	070 02	070 04	205 06	205 06	295 13	325 10	330 24
Jessore —	340 10	340 10	335 09	330 08	330 02	310 11	...	...	...
Jhelum —	210 06	280 07	280 02	310 14	330 13	320 24	325 04	/// //	305 35
Jiwani ...	175 07	145 06	155 04	105 02	130 06	240 13	240 17	250 27	250 30
Karachi —	075 10	075 12	085 12	050 10	045 04	305 05	300 //	090 10	275 21
Khanpur ...	020 05	110 03	110 06	235 05	045 04	345 13	260 26	270 17	290 19
Khuzdar ...	...			150 09	175 06	205 08	220 16	...	...
Lahore ...	305 07	295 07	295 07	295 12	300 17	305 13	340 17	335 17	330 19
Multan —	170 08	025 09	025 04	210 07	245 04	170 07	145 02	285 10	290 34
Nawab Shah ...	025 04	060 04	085 05	080 02	195 03	255 08	300 21	300 21	295 25
Nokkundi ...	...		100 07	195 10	235 08	260 11	250 16	240 19	..
Panjgur —			..	175 05	245 03	205 05			
Peshawar ...	...	170 04	010 03	190 04	270 05	266 //	315 15	295 30	320 37
Parachinar ...	...	...	...	260 04	145 05	280 21	295 16	290 35	295 29
Quetta ...	...	...		...	330 06	305 12		...	...
Sargodha ...	260 06	265 05	290 06	310 22	250 09	310 12	305 12	350 06	300 25
Skardu ...	...	..			...	...	—	...	...
Sylhet ...	095 04	095 03	020 01	060 06	290 07	260 17	..	—	...
Veraval ...	...	...	.	...	...	.	.	...	...

Heights 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 1	11	12	13	14	15	16
Barisal ...	325 11	005 10	010 10	315 10	265 15	...
Bogra ...	340 09	340 06	020 04	010 09	320 18	300 29
Chaklala —	...	050 03	030 03	320 09	270 13	260 12
Chhor —	085 25	080 10	065 04	220 03	080 03	250 04
Chittagong —	...	...	...	...	...	...
Cherat ...	...	...	...		...	...
Cox's Bazar —	363 10	360 07	035 04	170 08	230 07	265 15
Dacca —	...	...	...		...	
Dalbandin —	—	...	055 06	030 10	215 11	235 11
D. I. Khan —	...	...	...	—	...	.
Drosh —	—		...	...		
Fort Sandeman —	...	.	—	245 02	230 26	295 12
Gilgit ...				205 02	305 07	280 05
Ishurdi ...	340 17	010 06	050 06	195 08	065 06	—
Jacobabad —	020 01	250 03	165 02	065 03	215 07	250 06
Jessore —	345 20	345 10	300 09	015 10	345 10	310 19
Jhelum —	...			...		...
Jiwani ...	165 04	135 04	110 05	175 04	240 08	290 07
Karachi —	...	...		...	...	...
Khanpur ...	050 09	050 09	045 08	130 03	185 03	230 08
Khuzdar ...	...		...	190 04	220 10	325 12
Lahore ...	300 08	310 11	325 09	335 11	280 09	270 10
Multan —	160 04	160 06	210 06	250 05	285 01	305 09
Nawab Shah ...	080 14	065 09	085 06	315 02	165 03	330 09
Nokkundi ...	...	...	135 10	145 10	...	
Panjgur —	...			225 10	230 12	240 16
Peshawar ...	...	285 04	300 05	340 04	285 04	225 05
Parachinar ...	...	...	...	...	—	...
Quetta ...	...	...	...	...	...	
Sargodha ...	265 07	255 09	240 07	265 09	255 09	285 05
Skardu ...				065 35	250 02	.
Sylhet ...	065 05	055 03	040 30	345 07	/// //	265 26
Veraval ...	...	...	...	...	.	—

Heights in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	360 12	010 10	010 10	345 13	215 17	285 17	270 17	275 27	...	...	...
Bogra ...	330 09	340 07	340 07	355 03	025 04	335 25	300 26	325 25	320 51	..	...
Chaklala —	...	100 05	350 03	280 06	270 03	285 07	280 13	...	...	...	...
Chhor —	300 05	085 04	060 05	135 01	230 03	260 27	...	...	...	...	...
Chittagong —	260 12	360 05	040 10	150 13	310 16	265 21	250 17	270 49	275 51	270 48	...
Cherat ...	...		...	...	...	...	...	...	...	...	...
Cox's Bazar —	110 01	130 01	065 02	100 03	085 07	105 10	110 17	...	...	...	—
Dacca —	335 06	360 05	360 05	025 03	250 10	310 18	275 35	270 29	300 37	305 53	
Dalbandin —	—	...	125 05	190 05	205 07	265 11	255 16	250 20	250 37	250 42	260 55
D. I. Khan —	210 03	240 03	230 02	230 01	245 03	210 09	275 11	210 13	260 17	265 21	270 27
Drosh —	—	...	.	...	...	...	...	...	...	—	...
Fort Sandeman —	...	...		235 04	215 06	280 08	260 15	260 21	...	..	...
Gilgit ...	...						...	...	...	.	...
Ishurdi ...	350 04	010 04	025 05	355 07	300 21	295 19					
Jacobabad —	130 04	160 06	200 08	200 13	215 13	220 10	235 17	250 23	255 24	260 33	265 42
Jessore —	...			...	...	...			...	-	...
Jhelum —	240 06	295 12	290 14	290 17	290 22	280 07	300 19	305 22	310 24	...	...
Jiwani ...	110 02	180 04	180 07	175 07	310 02	280 05	350 19	250 26	255 28	245 37	..
Karachi —	080 08	100 06	100 05	170 02	290 04	285 11		...	...	—	..
Khanpur ...	185 08	165 10	155 09	315 03	275 09	215 12	260 17	...			
Khuzdar ...	...		...	250 01	265 05	260 00	260 13	255 17	255 21	255 24	245 44
Lahore ...	315 04	305 10	290 13	290 17	320 16	305 15	350 13	300 19	295 13	295 27	...
Multan —	200 11	185 15	150 14	205 20	215 23	270 17	295 16	255 20	250 24	275 30	305 55
Nawab Shah ...	070 02	095 03	060 04	115 05	180 05	270 08	255 16	...		...	...
Nokkundi ...	...	.	080 09	230 05	230 10	270 11	240 18	250 27	260 27	...	...
Panjgur —	...			...	...	...		...	...	...	—
Peshawar ...	...	220 10	340 01	310 07	355 06	235 03	245 19	260 20	265 21	...	
Parachinar ...	...	...	—	340 03	125 02	260 15	235 08	260 10	260 19	260 21	250 28
Quetta ...				...	175 03	245 10	250 14	255 20	265 25	260 32	265 37
Sargodha ...	280 06	265 07	255 08	275 07	285 07	305 06	270 13	275 17	280 30	...	...
Skardu ...	...	...		...	...	...		..	...	...	...
Sylhet ...	105 05	105 05	125 06	245 01	205 12	200 31	285 42	-	...	...	...
Veraval ...	..	...	...	..	...	.	...	...	...	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ..	105 10	065 11	065 11	065 08	270 07	290 06	235 15	255 17	265 31	265 37	275 47	270 51	265 60	...	...	...	...	..
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IHii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

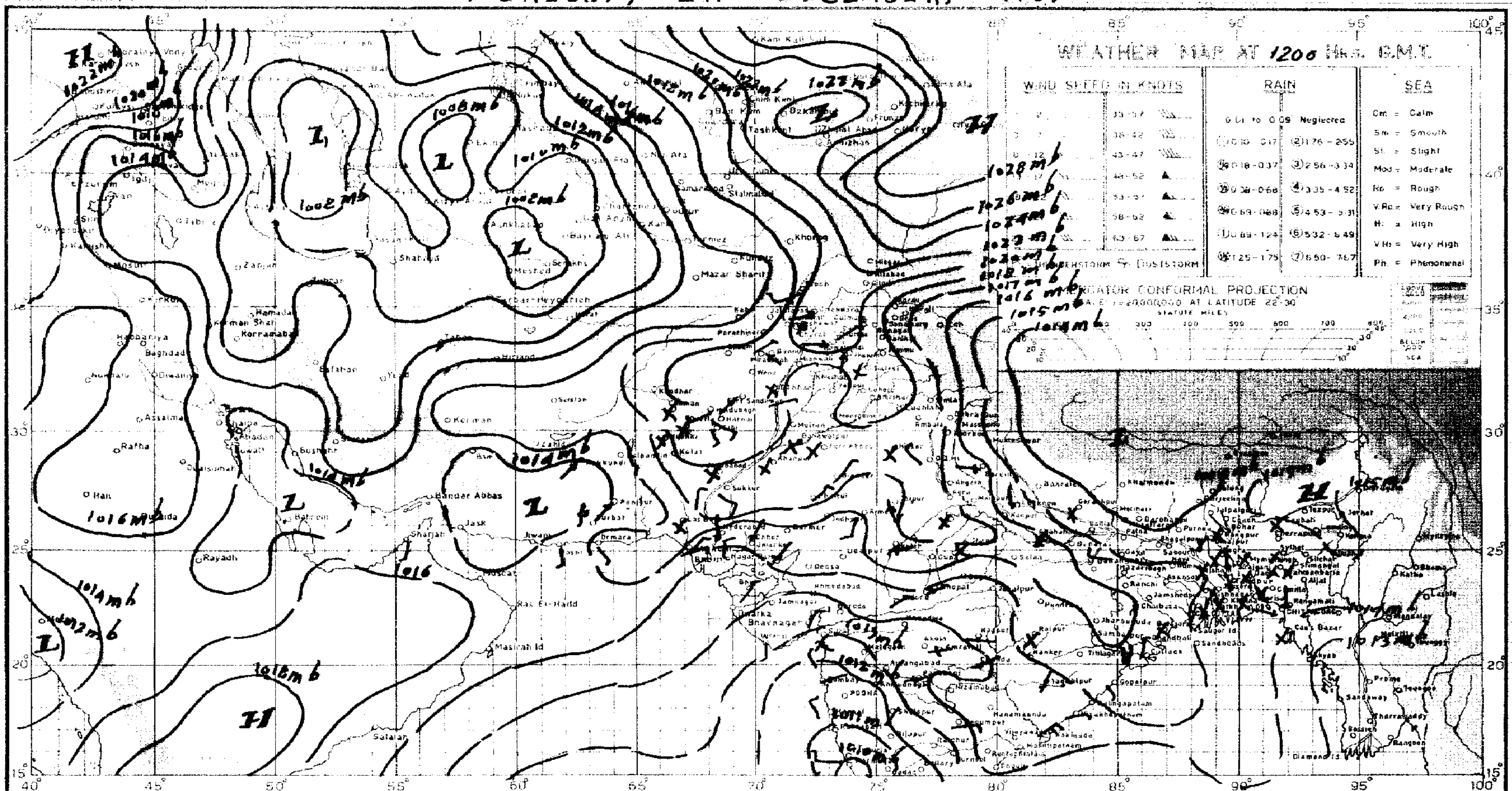
† The actual time of observations may vary within half an hour of the specified time.

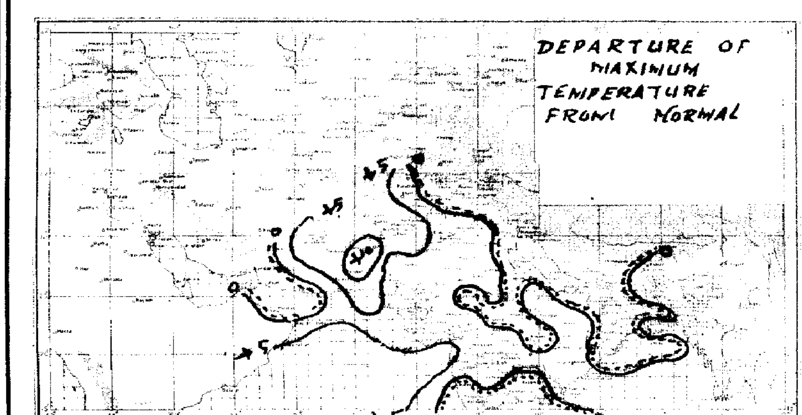
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

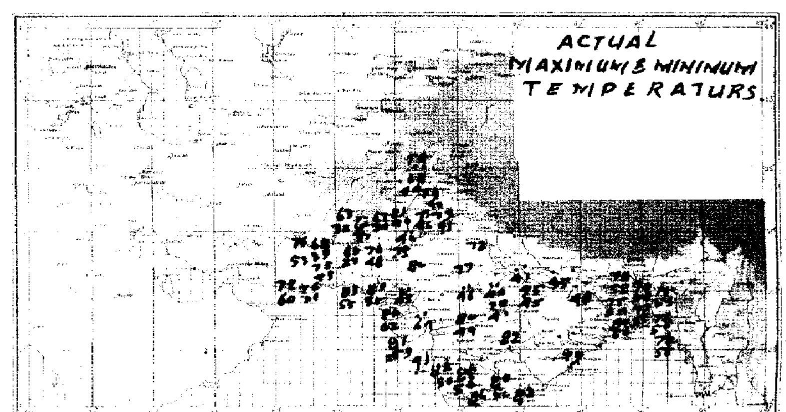
The accuracy of individual entries in this report cannot can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 24th DECEMBER, 1969

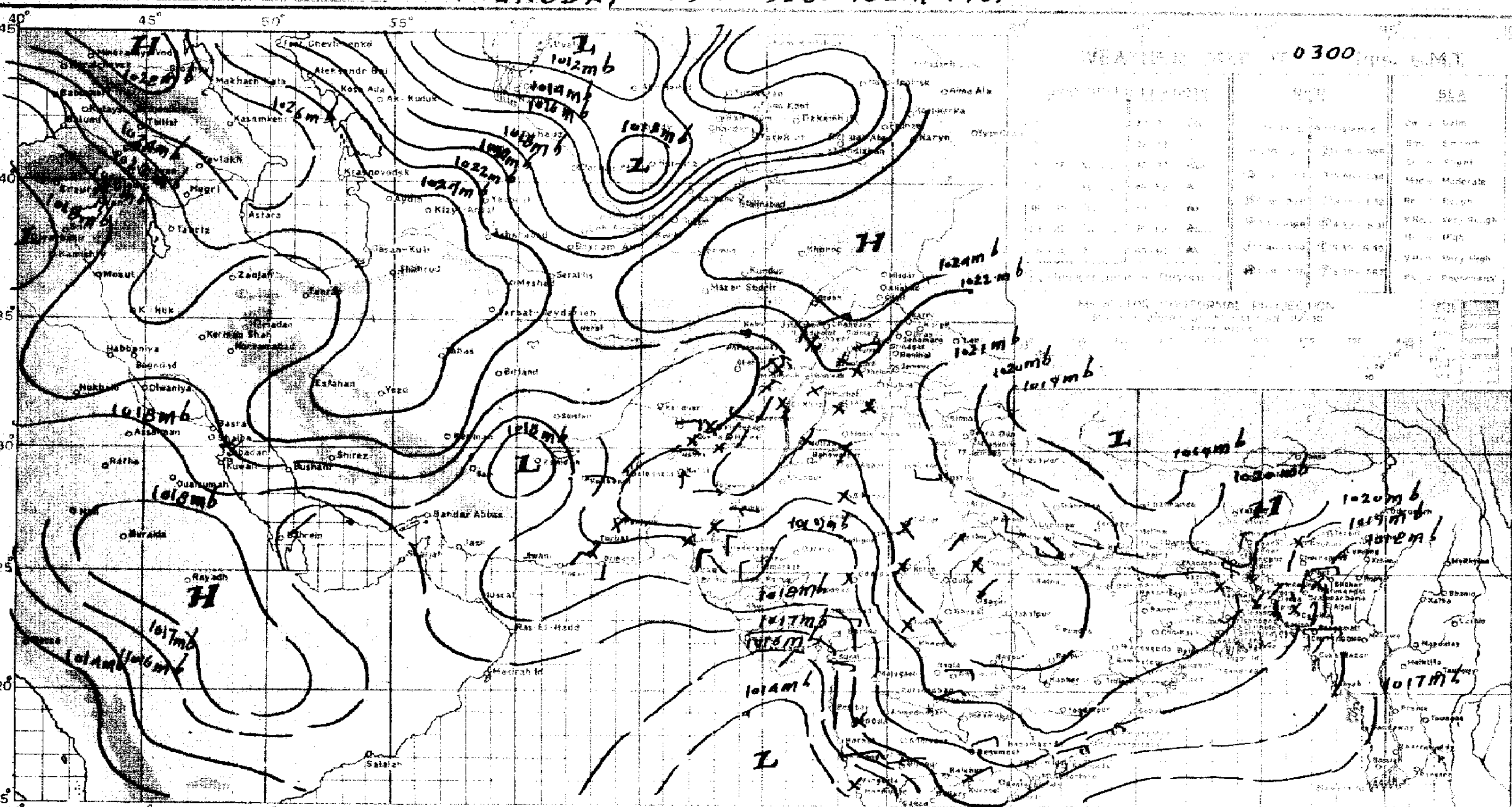


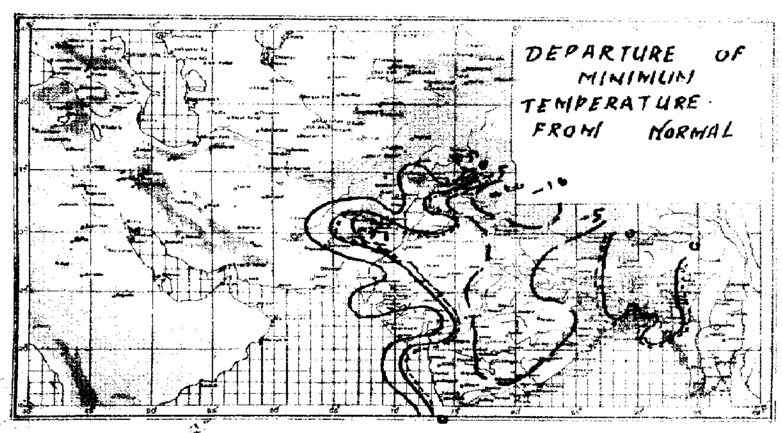


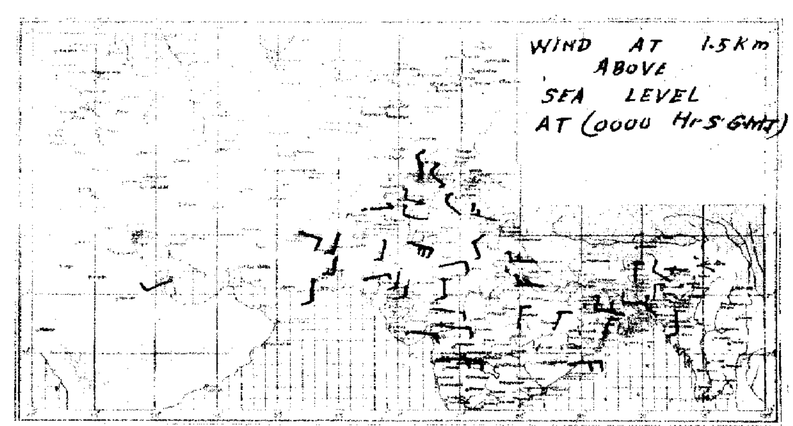


PAKISTAN DAILY WEATHER MAP

THURSDAY 25th DECEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 26th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secondary western disturbance over East Iran now lies over Quetta division and neighbourhood. Weather remained dry over the country.

Night temperatures were 3–7 °F (2–4 °C) above normal in Chittagong, Rajshahi, Peshawar, Quetta, Kalat and Hyderabad divisions and were 3–6 °F (2–3 °C) below normal in Rawalpindi and Bahawalpur divisions.

Forecast valid until the evening of 27th December 1969 :—Scattered rain/drizzle are likely to occur in Quetta, Peshawar, and D. I. Khan divisions. Weather is likely to be dry elsewhere in the country.

Karachi-11
The 26th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature* TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	1	31	02	//	01	0	140	70	...	...	7	0	0	54	78
	Cox's Bazar	000	0	3	34	06	//	02	0	147	70	0	0	9	3	4	63	77
	Chittagong	000	0	4	31	04	//	02	1	148	70	0	0	9	0	2	59	78
	Maijdee Court	000	9	0	00	00	//	00	0	138	70	0	0	9	0	0	73	76
	Comilla	000	0	0	00	00	56	02	0	161	73	0	0	9	0	0	56	78
	Brahmanbaria	000	0	0	00	00	//	00	1	163	70	0	0	9	0	0	63	77
	Sylhet	000	0	0	00	00	//	01	0	148	67	0	0	9	0	0	58	77
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	0	00	00	//	00	0	162	72	0	0	9	4	0	56	80
	Dacca (Tejgaon)	000	0	1	31	05	96	03	0	158	70	1	0	9	0	0	58	76
	Faridpur	000	0	0	34	02	93	00	0	153	70	0	0	9	0	0	59	76
Khulna	Barisal	000	0	0	36	02	//	02	0	157	65	0	0	9	0	0	58	76
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	0	36	03	96	02	0	164	67	0	0	9	0	0	56	77
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	0	36	01	//	00	0	163	72	0	0	9	0	0	58	77
	Rajshahi	000	0	0	00	00	94	02	0	157	70	0	0	9	0	0	60	76
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	0	0	00	00	//	00	0	163	67	0	0	9	0	0	58	78
	Rangpur	000	0	0	00	00	96	01	0	143	63	0	0	5	0	0	56	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	95	03	1	190	67	2	0	9	0	2	45	72
	Sialkot																	
Rawalpindi	Jhelum	000	0	5	09	00	96	01	1	174	63	0	0	9	0	6	38	68
	Islamabad																	
	Rawalpindi	000	0	6	27	02	98	02	2	182	59	0	0	9	0	8	38	68
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	01	0	167	72	0	0	9	0	0	60	72
	Sargodha	000	0	6	27	03	97	03	1	173	67	0	0	9	0	0	59	73
	Lyallpur	000	0	4	00	00	95	02	0	181	87	0	0	9	0	4	45	73
Multan	Sahiwal																	
	Multan	000	0	3	00	00	87	02	0	178	70	0	0	9	0	3	49	72
	Leiah	000	0	0	36	00	94	00	0	167	77	0	0	9	0	0	43	77
Bahawalpur	Khanpur	000	0	2	00	00	97	02	0	169	73	2	0	9	0	1	40	78
	Bahawalpur	000	0	0	00	00	56	00	0	2?3	70	0	0	9	0	0	43	80
	Fort Abbas	///	0	0	00	00	98	00	0	167	73	0	0	9	0	0	56	76
Peshawar	Chakdra	000	0	6	23	05	97	03	1	154	60	3	0	9	3	9	40	63
	Peshawar	000	0	6	00	00	56	04	1	175	67	1	0	9	3	1	45	72
	Haripur	000	0	0	31	03	58	00	0	175	63	0	0	9	0	0	54	67
D. I. Khan	Bannu	000	0	4	16	01	99	02	2	173	67	0	0	9	4	0	34	70
	D. I. Khan	000	0	0	00	00	57	01	0	153	64	0	0	9	0	0	45	70
Quetta	Sibi	000	0	2	18	03	97	02	0	174	77	0	0	9	0	2	19	78
	Nokkundi	000	0	0	23	02	97	02	0	114	00	0	0	9	0	0	27	01
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani	000	0	1	18	05	96	02	0	162	77	1	6	5	0	1	57	78
	Pasni	000	0	4	11	04	97	02	0	[illegible]	77	4	0	9	0	0	61	78
Karachi division	Ormara																	
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	2	16	03	97	03	0	156	79	0	0	9	8	1	56	86
	Karachi (Airport)	000	0	2	02	02	96	02	1	153	82	2	0	9	3	0	58	85
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	3	36	03	//	01	1	166	78	0	0	9	0	1	47	81
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	3	31	02	96	02	0	155	73	0	0	9	0	5	44	77
	Nawabshah	000	0	5	31	02	96	02	2	176	75	0	0	9	0	8	57	78
	Sukkur	000	0	6	23	02	95	05	4	166	76	6	0	9	6	0	46	77
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	2	00	00	97	01	1	173	72	0	0	9	0	1	42	75
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	3	00	00	97	02	1	520	54	3	5	4	4	0	27	58
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	4	34	14	98	01	2	527	54	0	0	9	1	0	13	59
	Kakul *	000	0	5	00	00	97	02	2	525	56	0	0	9	0	7	25	60
	Landikotal *	000	0	4	05	05	93	05	9	630	51	4	3	9	0	0	43	63
	Parachinar *	000	0	3	13	03	56	02	0	532	//	1	0	9	4	4	11	//
D.I. Khan*	Miranshah *	000	0	0	05	05	99	00	0	534	64	0	0	9	0	0	23	64
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	1	31	02	98	01	2	507	64	0	0	9	0	7	11	69
	Hindubagh *	000	0	/	//	//	55	03	0	519	60	7	0	9	0	3	//	64
	Loralai *	000	0	0	13	03	57	00	0	550	62	0	0	9	0	0	23	69
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai *	000	0	0	00	00	96	02	0	498	65	0	0	9	0	0	85	70
	Samungli (Quetta) *	000	0	0	27	02	96	02	0	522	62	0	0	9	0	0	33	65
	Chaman *	000	0	0	37	03	97	00	0	562	51	0	0	9	0	0	33	63
	Nushki *	000	0	0	23	03	97	02	0	570	74	0	0	9	0	0	44	67
	Dalbandin *	000	0	0	00	00	98	02	0	520	77	0	0	9	0	0	16	78
Kalat	Kalat *	000	0	0	27	02	98	00	2	521	60	0	0	9	0	0	23	63
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	0	23	03	96	01	1	529	74	0	0	9	0	0	42	75

At 0300 Hrs. G.M.T. of date

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	7	5	31	02	97	02	4	196	65	3	4	6	1	1	58	59
	Cox's Bazar	000	0	2	05	06	56	02	0	197	67	0	0	9	0	2	58	56
	Chittagong	000	0	5	00	00	96	03	1	185	65	0	0	9	0	2	58	56
	Maijdee Court	000	9	0	36	02	97	00	0	100	50	0	0	9	0	0	54	54
	Comilla	000	0	0	00	00	96	02	0	181	65	0	0	9	0	0	58	59
	Brahmanbaria	000	0	0	36	02	57	00	0	168	58	0	0	9	0	0	56	//
	Sylhet	000	0	0	00	00	97	01	0	190	65	0	0	9	0	0	54	52
	Srimangal	000	0	0	00	00	96	00	0	191	59	0	0	9	0	0	56	42
Dacca	Mymensingh	000	0	0	00	00	97	00	0	200	66	0	0	0	0	0	59	54
	Narayanganj	000	0	0	00	00	97	00	0	191	67	0	0	9	0	0	58	56
	Dacca (Tejgaon)	000	0	1	36	03	96	05	0	194	63	0	0	9	0	1	58	52
	Faridpur	000	0	0	02	05	//	//	/	195	65	0	0	9	0	0	56	54
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	0	00	00	57	00	0	193	68	0	0	9	0	0	52	58
	Satkhira	000	0	0	36	01	97	00	0	201	63	0	0	9	0	0	54	54
	Jessore	000	0	0	36	04	96	05	4	198	63	0	0	9	0	0	52	52
Rajshahi	Pabna	000	0	0	36	05	98	02	0	194	66	0	0	9	0	4	52	56
	Sirajganj	000	0	0	36	01	98	00	0	191	64	0	0	9	0	0	54	56
	Rajshahi	000	0	0	03	02	97	02	0	206	61	0	0	9	0	0	54	54
	Bogra	000	0	0	31	06	96	02	0	191	64	0	0	9	0	0	54	56
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	0	00	00	96	01	0	199	60	0	0	9	0	0	56	52
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	94	10	0	212	45	0	0	9	0	1	39	41
	Sialkot																	
Rawalpindi	Jhelum	000	0	3	00	00	96	01	1	217	38	3	0	9	3	0	36	38
	Islamabad																	
	Rawalpindi	000	0	3	36	02	97	01	0	224	36	0	0	9	0	8	51	31
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	56	0	207	42	0	0	9	0	2	36	40
	Sargodha	000	0	2	35	02	92	46	4	211	40	0	0	9	0	1	36	40
	Lyallpur	000	0	0	00	00	55	00	0	215	42	0	0	9	0	0	36	36
Multan	Sahiwal																	
	Multan	000	0	0	02	04	93	44	4	211	40	0	0	9	0	0	40	40
	Leiah	000	0	0	36	00	92	00	0	124	40	0	0	9	0	0	40	38
Bahawalpur	Khanpur	000	0	5	00	00	56	02	0	200	42	0	0	9	0	1	40	38
	Bahawalpur	0.0	0	7	30	00	96	00	0	213	//	0	0	9	0	0	42	42
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	000	0	6	05	07	98	02	2	///	34	0	0	9	0	0	//	//
	Peshawar	000	0	0	00	00	96	04	2	220	36	0	0	9	0	2	32	36
	Haripur	000	0	1	13	02	97	00	0	2?3	47	0	0	9	0	0	//	38
D. I. Khan	Bannu	000	0	5	00	00	98	03	2	217	40	0	0	9	4	4	31	38
	D. I. Khan																	
Quetta	Sibi	000	0	2	18	03	97	03	0	209	44	0	2	9	2	0	32	42
	Nokkundi	000	0	0	31	05	97	02	0	200	//	0	0	9	0	0	13	47
Kalat	Turbat	000	0	0	09	02	96	00	0	048	59	0	0	9	0	0	42	/.
	Jiwani	006	0	0	36	03	96	02	0	189	63	0	6	9	0	0	59	62
	Pasni	000	0	/	//	//	97	02	0	182	62	0	0	9	0	0	59	//
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	///	0	3	//	//	98	00	0	188	53	0	0	8	0	0	//	40
	Karachi (Airport)	000	0	0	00	00	96	06	0	188	53	0	0	9	0	0	29	52
Hyderabad	Nagarparkar	000	0	0	05	02	57	02	0	204	65	6	6	6	0	0	63	65
	Chhor	000	0	3	00	00	96	03	1	187	40	0	0	9	0	1	20	//
	Hyderabad	000	0	1	36	07	97	02	2	156	55	0	0	9	0	1	42	54
	Badin	000	0	0	34	04	96	02	0	155	51	0	0	9	0	0	31	48
Khairpur	Padidan	000	0	3	00	00	96	02	0	202	43	0	0	9	0	5	//	42
	Nawabshah	000	0	2	31	03	96	03	0	206	49	0	0	9	0	0	45	46
	Sukkur	000	0	6	00	00	94	05	4	201	50	6	0	9	6	0	41	48
	Kashmore																	
	Jacobabad	000	0	2	00	00	96	05	0	204	50	0	0	9	0	1	39	//
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	05	03	98	02	1	541	47	2	4	5	4	0	//	//
Peshawar	Drosh *																	
	Cherat *	000	0	4	00	00	98	02	2	531	43	3	0	7	1	0	56	49
	Kakul *	000	0	6	05	02	97	02	1	530	47	0	0	9	0	5	//	45
	Landikotal *	000	0	4	36	02	98	01	0	598	38	4	3	9	0	0	//	//
	Parachinar *	000	0	3	36	03	98	02	1	548	40	1	0	9	4	1	59	36
D.I. Khan*	Miranshah *	000	0	0	05	05	99	00	0	535	40	0	0	9	0	0	52	36
	Wana *	000	0	0	00	00	99	00	0	518	39	0	0	9	0	0	25	31
Quetta	Fort Sandeman *	000	0	5	09	02	97	02	0	524	35	0	0	9	0	5	11	34
	Hindubagh *	0.0	0	0	23	03	97	02	0	574	38	0	0	9	0	0	18	//
	Loralai *	000	0	6	27	03	98	02	0	//	39	0	0	9	0	1	//	33
	Barkhan *	000	0	0	31	02	98	02	0	491	50	0	0	9	0	0	49	41
	Harnai *	000	0	6	00	00	96	02	0	499	44	0	0	9	0	0	17	42
	Samungli (Quetta) *	000	0	2	23	03	56	03	0	551	42	0	0	9	0	2	21	41
	Chaman *	000	0	0	0	03	//	0	0	543	37	0	0	9	0	0	23	38
	Nushki *	000	0	0	0	03	57	02	0	580	56	0	0	9	0	0	29	//
	Dalbandin *	080	0	2	05	02	58	03	0	//	39	2	0	9	3	0	12	38
Kalat	Kalat *	000	0	0	18	02	97	0	2	576	34	0	0	9	0	0	18	30
	Khuzdar *	000	0	2	00	00	96	03	0	529	//	0	0	9	0	1	85	43
	Panjgur *	000	0	0	05	02	96	0.	0	524	45	0	0	9	0	0	33	44

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	147
	Cox's Bazar	—	+ 2	0.7	− 3.4	92.0	10?
	Chittagong	+ 2	− 1	1.2	− 1.1	105.7	11?
	Maijdee Court	− 1	/	—	—	—	
	Comilla	+ 2	+ 6	0.5	− 1.1	104.2	94
	Brahmanbaria	− 2	/	1.3	− 0.1	55.1	78
	Sylhet	—	—	1.5	—	150.7	98
	Srimangal		− 5	—		—	
Dacca	Mymensingh						91
	Narayanganj		− 1	0.3	− 0.7	7.7	74
	Dacca (Tejgaon)	+ 3	− 1	1.3	+ 0.2	82.1	—
	Faridpur	—		1.3	—	66.0	71
Khulna	Barisal	+ 1	− 2	1.6	+ 0.3	58.5	81
	Khulna	− 1	+ 6	1.4	− 0.1	////	68
	Satkhira		+ 3	0.2	− 1.7	61.7	65
	Jessore	+ 1	—	1.1	—	62.5	65
Rajshahi	Pabna	—		1.0	—	66.3	59
	Sirajganj						64
	Rajshahi	+ 2	+ 4		—		—
	Bogra	—	+ 3	3.0	+ 2.4	70.3	69
	Dinajpur	+ 4	+ 3	—	—	—	71
	Rangpur	+ 3	+ 3	—	—	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 1	+ 2	0.0	− 0.4	18.0	19
	Sialkot						33
Rawalpindi	Jhelum	—	—	0.0	—	31.2	—
	Islamabad						—
	Rawalpindi	+ 3	− 6	0.2	− 1.2	33.6	36
	Campbellpur						—
Sargodha	Khushab	+ 2	0	—	− 0.4	7.8	15
	Sargodha	—	—				—
	Lyallpur	+ 5	− 2	0.0	− 0.3	7.7	12
Multan	Sahiwal						10
	Multan	+ 3	− 1	0.0	− 0.3	11.3	7
	Leiah	—	—	0.0	—	2.7	8
Bahawalpur	Khanpur	+ 5	− 3	0.3	+ 0.1	1.4	4
	Bahawalpur	+ 7	− 1	0.0	− 0.2	2.0	4
	Fort Abbas	—					8
Peshawar	Chakdra	—					—
	Peshawar	+ 7	− 1	0.0	—	23.2	11
	Haripur	—	− 4	0.5	− 0.3	14.8	—
D. I. Khan	Bannu	—	− 5	1.0	− 0.7	24.0	11
	D. I. Khan	− 0	—	0.5	—	5.0	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—		0.0	—	0.3	3
Kalat	Turbat	—	—	0.0	—	3.0	—
	Jiwani	—	—	0.0	—	2.0	3
	Pasni	+ 1	//	0.0	− 1.0	0.3	6
Karachi division	Ormara						6
	Lasbela						8
	Karachi (Manora)		—	0.0	—	0.7	8
	Karachi (Airport)	+ 9	—	0.0	—	1.5	—
Hyderabad	Nagarparkar						—
	Chhor			0.0	—	0.3	7
	Hyderabad	+ 4	+ 3	0.0	− 0.7	0.3	9
	Badin		− 1	0.0	− 0.2	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	0.2	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	+ 2	/	0.1	− 0.1	2.8	10
Junagadh	Veraval						26
HILL STATIONS							
Kashmir	Srinagar *						—
	Gulmarg **						71
	Sonamarg **						26
	Dras **						3
	Leh **						6
	Skardu *						—
	Misgar **						—
	Aliabad *						3
	Gilgit *						59
Rawalpindi	Murree *	+ 11	/	1.0	− 1.2	41.0	18
Peshawar	Drosh *						29
	Cherat *	+ 7	+ 9	0.6	− 0.7	15.2	—
	Kakul *	—	—	1.0	—	34.0	—
	Landikotal *	—	/	0.7	—	12.6	29
	Parachinar *	/	+ 4	0.6	—	27.2	13
D.I. Khan*	Miranshah *	—	—	—	− 0.6	2.0	11
	Wana *		—	0.0	—	4.3	11
Quetta	Fort Sandeman *	+ 8	+ 5	0.0	− 0.5	6.5	—
	Hindubagh *	—	—	0.0	—	6.7	9
	Loralai *	—	—	0.1	—	0.6	—
	Barkhan *		—	—	—	—	14
	Harnai *	—	—	0.0	− 0.9	5.6	9
	Samungli (Quetta) *	—	—	—	—	—	8
	Chaman *	+ 9	+ 4	0.0	− 1.4	4.7	—
	Nushki *	—	/	0.0	—	2.6	4
	Dalbandin *	+ 15	+ 6	0.0	− 0.6	0.5	7
Kalat	Kalat *	+ 11	+ 4	—	− 1.0	2.7	—
	Khuzdar *	—	—	0.3	—	3.5	—
	Panjgur *	+ 10	+ 7	0.0	—	0.2	

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day
When ever 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT.

FRIDAY THE 26th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hazelmoor														
... ...														
... ...														
... ...														
... ...														
... ...														

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_oT_oT_oT_oD_oD_o$	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 144 17	...	490 114 57	65 054 57	578 115 57	745 243 57	949 399 47	218 65/ //	...	...	...	...	...
Dacca ...	00 00	015 154 44	...	500 138 61	134 660 61	591 111 62	749 235 61	952 393 60	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	014 140 54	...	400 014 //	017 005 //	555 215 //	716 325 //	915 405 //	186 505 //	...	...	...	...	...
Multan ...	00 00	004 050 14	...	500 194 71	177 110 //	591 831 //	764 131 //	978 231 //	266 401 //	...	...			
Peshawar ...	00 00	997 036 43	...	460 100 45	096 020 45	572 161 38	736 275 43	937 425 //	...	...	...			
Quetta ...	00 00	924 060 62	...	...	010 104 //	/// /// //	729 293 //	932 36/ //	...	...	...			
Sargodha ...	00 00	997 100 55	...	451 064 55	—	565 195 //	728 285 //	919 391 //	202 481 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 106 56	830 116 61	600 280 18	...	...	...	...	...	...	—	—	—
Dacca ...	00 09	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	60 00	...	...	...	...	—	...	...	—	...	—	...	...
Multan ...	00 90	...		...	...	...	...				...		
Peshawar ...	00 00	...		...	...	...	...				...		
Quetta ...	00 80	...	800 036 //	630 117 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...	...	...	...	...	...	...	

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd fff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	360 08	350 07	345 06	290 04	350 18	290 28			
Bogra ...	331 06	341 06	360 06	28/ //	320 12	...	...	—	...
Chaklala ...	...	155 03	310 08	310 03	350 02	2.5 02	300 07	...	...
Chhor ...	299 00	3/0 01	001 03	28/ //	26/ 06	21/ 04	210 //	120 06	...
Chittagong ...	230 09	33/ 07	360 09	28/ //	260 17	34/ 04			...
Cherat ...	...		...	...	...	...	...	—	—
Cox's Bazar ...	340 09	335 07	355 07	080 08	045 06	320 11	...	...	...
Dacca ...	335 07	345 05	355 06	355 13	335 08	315 15	...	...	...
Dalbandin ...	...	...	245 01	240 10	245 09	240 11	250 25	265 27	270 25
D. I. Khan ...	180 03	130 03	035 01	935 03	260 05	255 07	260 14	270 14	270 17
Drosh ...	...	...	...	...	...				
Fort Sandeman ...	—	...	...	280 04	180 02	245 08	260 33	265 23	260 //
Gilgit ...	...	...	...	105 01	170 03	390 02	210 09	115 14	130 16
Ishurdi ...	—	...	...	...		...		...	
Jacobabad ...	030 02	190 04	210 06	230 10	245 11	251 13	260 21	245 22	270 23
Jessore ...	350 06	350 06	010 06	010 06	335 21	320 9			...
Jhelum ...	085 08	270 06	305 13	300 11	285 09	280 08	275 16	270 21	365 29
Jiwani ...	305 04	225 02	305 02	255 01	235 06	250 11	245 25	255 21	265 26
Karachi ...	075 02	055 02	050 02	345 02	320 03	245 05	285 09	265 11	260 15
Khanpur ...	215 04	225 04	225 07	225 07	220 13	240 10	250 19	270 24	275 23
Khuzdar ...	...	...	...	245 17	255 15	310 12	...	...	...
Lahore ...	290 03	285 12	290 10	300 12	300 13	285 08	280 15	280 21	280 24
Multan ...	155 08	165 09	165 15	200 23	240 27	250 24	265 20	275 20	270 23
Nawab Shah ...	095 03	850 01	215 01	290 08	280 09	275 15		...	
Nokkundi ...	...		180 02	265 05	275 10	210 13	245 16	230 25	280 35
Panjgur ...	..	..		240 09	230 14	/80 13	350 25	245 33	235 23
Peshawar ...	...	160 03	285 03	325 06	305 01	290 01	240 14	270 20	285 23
Parachinar ...	...	...	...	275 02	140 06	265 15	245 15	...	270 19
Quetta ...	...	—		...	130 01	245 10	245 17	255 21	253 27
Sargodha ...	235 04	270 04	295 02	265 08	250 06	265 07	270 16	275 18	283 23
Skardu ...	...			175 02	/// //	/7 70	215 00	...	
Sylhet ...	060 02	055 04	040 04	055 15	055 07	130 12		—	...
Veraval ...	...	...		...	...	—		...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	015 15	015 55	015 17	325 65	315 12	...
Bogra ...	360 13	015 11	040 07	090 04	340 08	280 13
Chaklala ...	...	075 01	360 01	345 04	270 03	230 02
Chhor ...	075 09	065 04	063 02	220 11	170 12	250 10
Chittagong ...	...	...	...	...	...	...
Cherat ...	...					
Cox's Bazar ...	055 07	050 05	080 06	060 03	095 02	070 05
Dacca ...	...	...	...			...
Dalbandin ...	...	...	080 05	195 06	250 05	240 05
D. I. Khan ...	310 04	320 03	325 05	340 07	275 03	250 13
Drosh ...	—	...	...	...		...
Fort Sandeman ...	...	...	...	280 03	300 11	315 08
Gilgit ...	...	...	—	285 02	290 05	252 28
Ishurdi ...	...			...		...
Jacobabad ...	020 07	360 05	305 05	250 06	255 09	253 09
Jessore ...	085 18	010 11	020 08	080 05	350 08	310 19
Jhelum ...	070 01	315 02	320 08	290 07	285 09	280 11
Jiwani ...	295 06	280 03	070 04	080 02	208 04	220 12
Karachi ...						
Khanpur ...	030 09	035 04	235 07	185 05	235 10	235 10
Khuzdar ...						
Lahore ...	945 02	340 04	310 04	285 06	270 04	290 02
Multan ...	050 03	235 04	180 06	262 16	265 27	225 10
Nawab Shah ...	055 07	085 06	055 04	145 07	240 16	345 12
Nokkundi ...	—	...	130 02	224 05	250 04	265 06
Panjgur ...	...			230 10	260 09	320 05
Peshawar ...	...	245 02	290 01	110 01	085 01	340 08
Parachinar ...	...	...	...	255 04	065 03	...
Quetta ...	...	...				
Sargodha ...	280 03	280 03	060 01	240 03	260 05	245 08
Skardu ...				235 02	/// //	245 30
Sylhet ...	075 12	080 11	090 08	030 15	075 08	155 04
Veraval ...	...	...	...	...		...

At 0600 hrs. G.M.T. † of date (dd ff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	160 09	345 06	345 04	035 05	170 07	155 10	310 07	065 05	020 10	...	...
Bogra ...	020 12	010 10	015 10	010 03	165 0.	300 .3	.15 19	285 03	275 13		...
Chaklala ...	...	110 01	130 02	300 02	195 03	2 5 05	240 10	240 18	265 20		...
Chhor ...	165 04	250 01	230 01	335 03	250 08	205 10	.5 19	260 22	295 25	...	...
Chittagong ...	160 03	170 06	160 07	120 05	165 06	115 11	210 07	265 15	265 33	...	...
Cherat ...	...		...		...	...		...	...	..	...
Cox's Bazar ...	120 05	140 03	160 04	145 05	140 06	160 03	295 05	280 06	300 10	...	—
Dacca ...	030 06	020 08	090 09	055 11	130 13	180 15	260 10	295 24	18(25	...	...
Dalbandin ...	...	...	080 10	090 03	315 02	325 03	255 16	260 2!	250 31	...	...
D. I. Khan ...	180 09	175 02	090 05	005 03	350 05	205 13	243 10	260 10	240 13	..	...
Drosh ...	—	...	—	...	—	...	...	...	...	..	...
Fort Sandeman ...	...	...		270 04	255 08	315 14	260 17	240 17	220 13	..	...
Gilgit ...	...	—	...	..	..	...	...	—	...	..	...
Ishurdi ...	...	...	...	...	...	...	...		...	..	...
Jacobabad ...	130 07	220 03	245 06	270 06	320 08	335 07	250 04	270 22	160 29	..	..
Jessore ...	...			...	...	...			...	...	...
Jhelum ...	245 01	2'5 02	265 05	250 04	215 05	215 05	240 13	235 13	240 20	..	...
Jiwani ...	290 03	110 03	110 03	095 04	195 05	220 15	235 24	250 34	255 39	...	—
Karachi ...	085 04	030 04	,10 03	270 02	2 5 03	280 06	250 .5	/25 26	260 31	...	—
Khanpur ...	105 04	145 04	175 04	205 13	270 15	270 13	270 .3	250 27	270 34	—	...
Khuzdar ...										—	..
Lahore ...	090 02	130 04	335 04	245 06	255 08	250 05	365 07	355 09	235 10	...	...
Multan ...	180 06	180 07	200 07	220 09	240 13	245 09	265 14	250 23	240 27	..	...
Nawab Shah ...	360 06	/95 02	240 02	310 01	275 07	285 13	275 16	265 28	270 35	..	—
Nokkundi ...	...	-	155 07	190 05	140 02	210 03	250 15	255 22	280 18	...	...
Panjgur ...	...									..	...
Peshawar ...	...	025 03	170 02	280 04	215 02	085 02	235 17	245 23	240 24	...	—
Parachinar ...	...	...	—	...						...	...
Quetta ...				...	230 04	265 14	295 15	305 17	305 22	...	...
Sargodha ...	220 03	240 05	230 05	180 02	225 01	215 04	230 13	220 13	250 16	...	...
Skardu ...				095 02	/////		120 02			...	...
Sylhet ...	070 05	007 11	095 14	100 //	135 12	180 09	185 08	275 30	280 28	...	...
Veraval ...		...	...	..	...		...	..	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	105 10	065 11	065 11	065 08	270 07	290 06	255 15	255 17	265 31	265 37	275 47	270 51	265 60	...	...	...	..	-
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (Hiil Cdd V. V. etc.

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) —Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

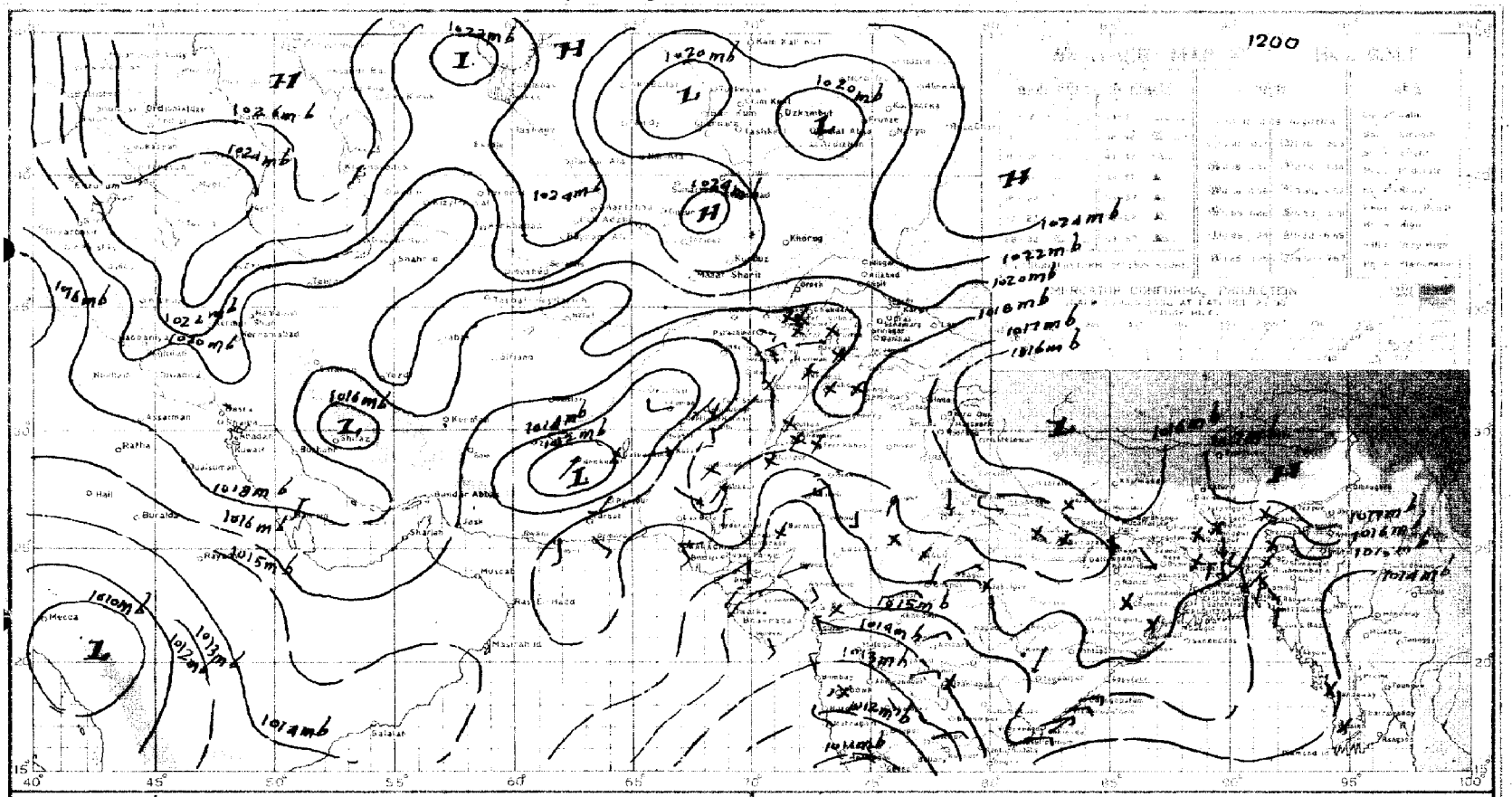
† The actual time of observations may vary within half an hour of the specified time.

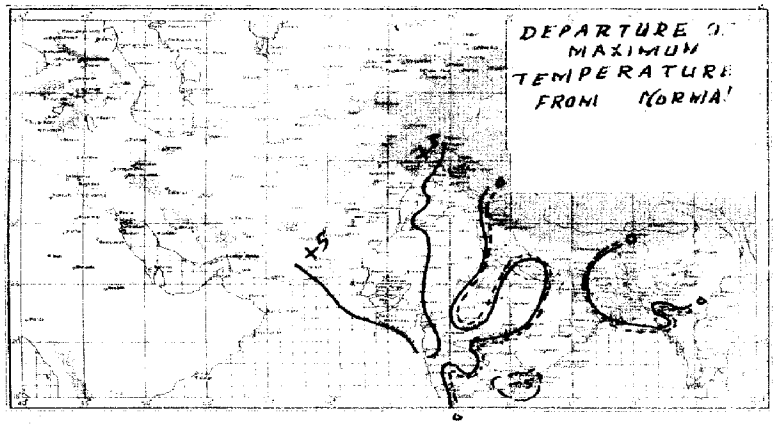
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

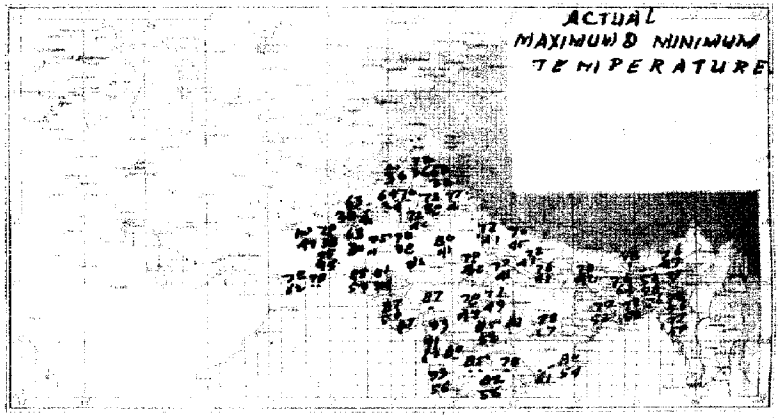
The accuracy of individual entries in this report cannot even be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 25th DECEMBER, 1969.





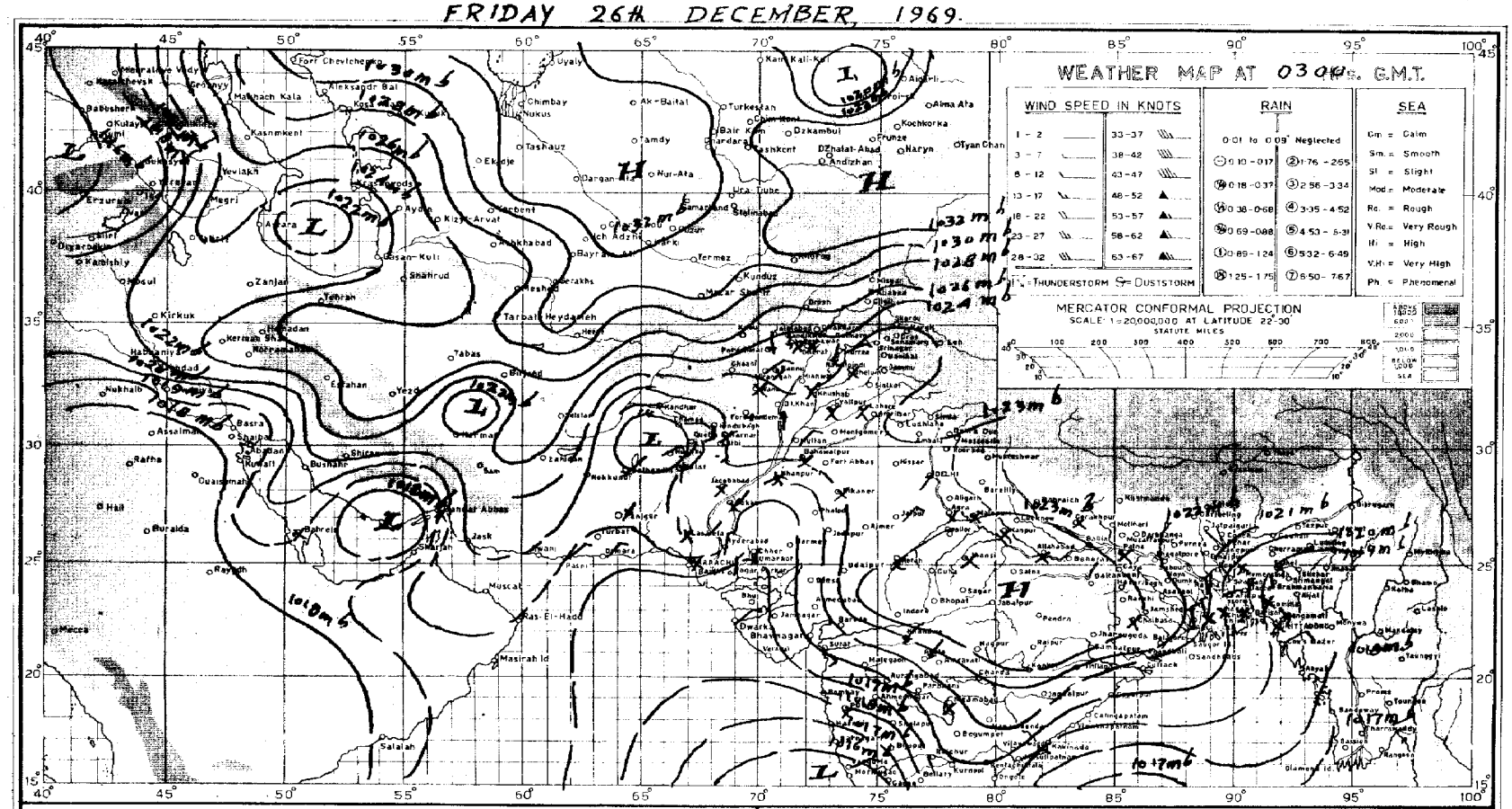


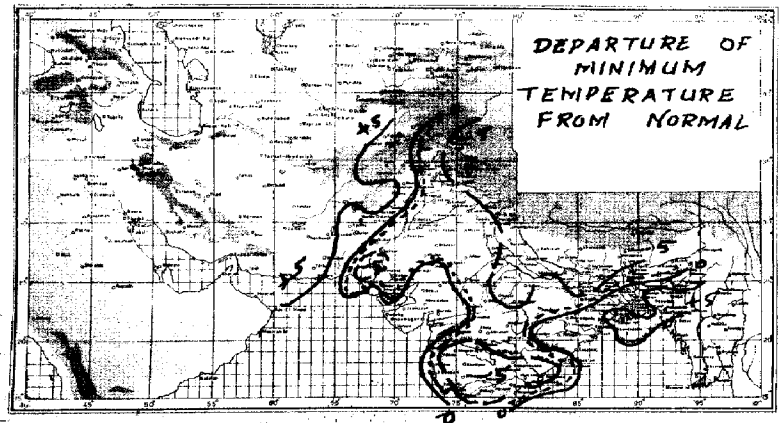
RES. No. 1074 RWX 961-5000'63-5000'67

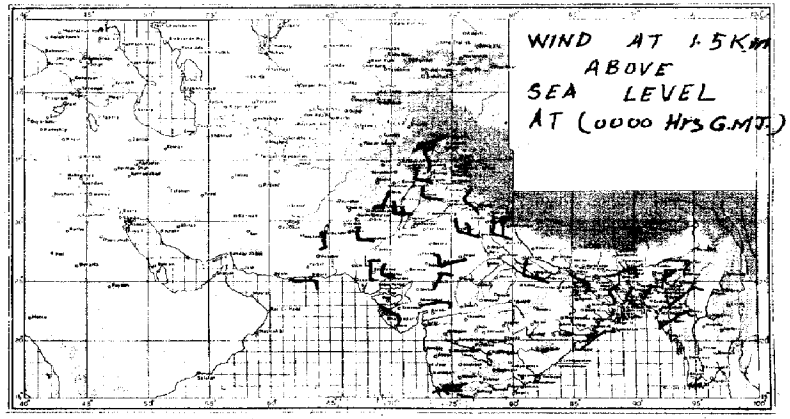
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

FRIDAY 26th DECEMBER, 1969.







REG. No. 1024 RWXD'61-5,000'63-5,000'67.

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs: 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 27th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secodanry western disturbance over Quetta division has weakened and lies as a trough of low pressure over D. I. Khan division and neighbourhood. A fresh western disturbance lies over South Iran and adjoining Persian Guf.

Night temperatures were 3—8 °F (2—4 °C) above normal in Rajshahi, Rawalpindi, Peshawar, Quetta, Kalat and Khairpur divisions and were 3—5 °F (2—3°C) below normal in Chittagong, and Multan divisions.

Forecast valid until the evening of 28th December 1969 :— Weather is likely to be mainly dry over the country.

Karachi-11
The 27th December, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

1 DIVISIONS	2 STATIONS	3 Rainfall in Cents RRR	4 Past weather commenced at † Wt	5 Total cloud amount N	6 Wind direction in tens of degrees dd	7 Winds speed in Knots ff	8 Horizontal visibility† VV	9 Present weather † ww	10 Past weather † W	11 Sea level pressure (mbs. and tenths) * PPP	12 Dry Bulb temperature * TT	13 Amount of Lowest Clud † Nh	14 Low Cloud form † CL	15 Height of Lowest Cloud † h	16 Medium Cloud form † CM	17 High Cloud form † CH	18 Dewpoint temperature °F TdTd	19 Maximum temperature °F TxTx	20 Rainfall in Cents RRR	21 Past weather commenced at † Wt	22 Total cloud amount N	23 Wind direction in tens of degrees dd	24 Wind speed in konts ff	25 Horizontal visibility † VV	26 Present weather † ww	27 Past Weather W	28 Sea level pressure (mbs. and tenths) * PPP	29 Dry Bulb temperature TT	30 Amounts of Lowest Cloud † h	31 Low Cloud form † CL	32 Height of Lowest Cloud † h	33 Medium Cloud form † CM	34 High Cloud form † CH	35 Dewpoint temperature °F TdTd	36 Minimum temperature TnTn	37 Departure from Normal of Maximum temperature TxTx	38 Departure from Normal of Minimum Temperature TnTn	39 Rainfall Since 1st November, 1969 co-date	40 Rainfall Departure from normal	41 Rainfall Since 1st January, 1969 co-date	42 Annual Normal
		At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
Chittagong	Rangamati	000	0	1	31	02	//	01	8	157	70			7	0	0	56	80	000	0	4	27	02	97	02	4	[illegible]	65	2	1	7	1	1	59	59	—	—	1.6	—	102.4	—
	Cox's Bazar	000	0	[illegible]	36	05	//	02	0	153	72			4	1	0	59	73	000	0	6	05	05	96	01	2	215	58	3	0	9	3	2	53	//	— 5	/	0.7	— 3.5	91.9	40
	Chittagong	000	0	2	27	02	//	01	2	153	67	0	0	9	0	1	56	77	000	0	6	05	07	96	03	1	179	65	0	0	9	0	4	59	56	0	— 5	1.2	— 1.5	105.7	109
	Maijdee Court	000	0	0	00	00	//	00	0	148	72	0	0	9	0	0	76	78	000	0	0	00	00	97	00	0	182	68	0	0	9	0	0	54	52	0	+ 5	0.4	— 1.4	128.6	[illegible]
	Comilla	000	0	0	00	00	96	02	0	153	73	0	0	9	0	0	56	78	000	0	0	00	00	96	02	0	173	65	0	0	9	0	0	54	56	+ 1	—	0.5	— 1.1	104.2	194
	Brahmanbaria	000	0	0	00	00	//	00	0	155	70	0	0	9	0	0	63	78	000	0	0	36	02	96	00	0	182	68	0	0	9	0	0	61	52	—	—	1.3	— 0.1	55.1	78
	Sylhet	000	0	0	01	05	//	02	0	148	67	0	0	9	0	0	59	78	000	0	0	09	03	96	02	0	192	65	0	0	9	0	0	58	54	—	— 5	1.5	—	149.7	—
	Srimangal	000	0	2	00	00	//	00	0	173	63	0	0	9	0	0	59	77	000	0	0	00	00	96	00	0	188	58	0	0	9	0	0	54	42	— 2	+ 1	1.5	— 0.2	84.5	98
Dacca	Mymensingh	000	0	0	00	00	//	00	0	160	67	0	0	9	0	0	54	78	000	0	0	00	00	97	00	0	189	64	0	0	9	0	0	56	54	+ 2	+ 1	0.3	— 0.7	77.6	91
	Narayanganj	000	0	0	00	00	//	00	0	154	72	0	0	9	0	0	59	80	000	0	0	00	00	97	00	0	183	67	0	0	9	0	0	59	56	+ 4	—	1.3	+ 0.2	82.1	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	156	70	0	0	9	0	0	56	77	000	0	1	31	02	95	10	4	184	61	0	0	9	0	1	56	52	—	—	1.3	—	65.9	—
	Faridpur	000	0	0	00	00	93	00	0	154	72	0	0	9	0	0	54	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	— 2				71
Khulna	Barisal	000	0	0	00	00	//	02	0	156	68	0	0	9	0	0	58	76	000	0	2	00	00	97	02	0	186	63	0	0	9	0	9	58	52	0	/	0.9	— 0.9	65.2	81
	Khulna	000	0	0	00	00	97	00	0	145	73	0	0	9	0	0	67	80	000	0	0	00	00	97	00	0	169	70	0	0	9	0	0	58	//	+ 3	1	1.4	+ 0.1	754.5	60
	Satkhira	000	0	0	00	00	96	00	0	159	70	0	0	9	0	0	67	78	000	0	0	36	01	97	00	0	[illegible]	65	0	0	9	0	0	50	57	0	+	0.2	— 1.7	61.7	65
	Jessore	000	0	0	36	03	97	02	0	157	70	0	0	9	0	0	54	77	000	0	0	36	05	96	05	0	169	63	0	0	9	0	0	52	52	—	—	1.1	0.8	62.5	65
Rajshahi	Pabna	000	0	0	00	00	//	02	0	154	70	0	0	9	0	0	58	78	000	0	0	31	05	98	02	0	187	45	0	0	9	0	0	54	54	—	—	1.0	—	66.3	59
	Sirajganj	000	0	0	34	01	//	00	0	163	73	0	0	9	0	0	58	77	000	0	0	36	01	98	00	0	184	61	0	0	9	0	0	56	52	+ 2	0	0.4	— 0.4	56.6	64
	Rajshahi	000	0	0	00	00	94	03	0	164	72	0	0	9	0	0	58	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					—
	Bogra	000	0	0	31	02	//	02	0	153	68	0	0	9	0	0	58	78	000	0	0	31	02	96	02	0	192	63	9	0	9	0	0	54	54	+ 3	+ 1	1.3	+ 0.4	59.6	69
	Dinajpur	000	0	0	00	00	//	00	0	154	69	0	0	9	0	0	56	77	000	0	0	00	00	56	00	0	199	65	0	0	9	0	0	52	52	+ 2	+ 3	0.8	+ 0.3	96.5	78
	Rangpur	000	0	0	00	00	96	01	0	147	60	0	0	9	0	0	56	77	000	0	0	05	02	56	01	0	194	61	0	0	9	0	0	56	52	+ 2	+ 3	1.5	+ 1.2	87.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	95	05	0	177	67	0	0	9	0	1	50	72	000	0	1	00	00	94	10	0	204	45	0	0	9	0	0	40	41	+ 2	+ 2	0.0	— 0.5	18.0	19
	Sialkot	000	0	0	00	00	97	00	0	150	64	0	0	9	0	8	45		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 11					32
Rawalpindi	Jhelum	000	0	1	00	00	96	01	1	177	63	0	0	9	0	1	43	68	000	0	2	00	00	94	01	0	212	36	0	0	9	2	0	30	36	—	—	0.0	—	31.2	—
	Islamabad																																								—
	Rawalpindi	000	0	0	00	00	98	00	0	182	59	0	0	9	0	0	43	63	000	0	0	00	00	96	10	0	219	36	0	0	9	0	0	32	36	—	— 1	0.2	— 1.1	33.6	38
	Campbellpur																																								—
Sargodha	Khushab	000	0	4	00	00	97	01	1	174	64	4	0	9	4	0	54	72	000	0	0	00	00	97	06	0	203	41	0	0	9	0	0	40	40	+ 4	0	0.0	— 0.5	7.8	15
	Sargodha	000	0	2	00	00	96	04	1	175	64	0	0	9	0	1	51	73	000	0	0	00	00	92	41	1	202	//	0	0	9	0	0	40	37	—	—	0.1	—	20.7	—
	Lyallpur	000	0	4	00	00	95	02	0	178	68	0	0	9	0	1	//	73	000	0	4	00	00	95	02	0	202	45	0	0	9	0	3	38	40	+ 7	0	0.0	— 0.3	7.7	12
Multan	Sahiwal																																								18
	Multan	000	0	3	00	00	97	02	0	177	70	0	0	9	0	3	45	72	000	0	0	00	00	94	10	4	201	40	0	0	9	0	0	31	38	+ 5	— 3	0.0	— 0.3	11.3	7
	Leiah	000	0	0	36	00	94	00	0	149	77	0	0	9	0	0	59	77	000	0	0	36	00	92	00	0	171	42	0	0	9	0	0	36	36	—	—	0.0	—	2.8	8
Bahawalpur	Khanpur	000	0	0	00	00	97	03	0	166	72	0	0	9	0	0	43	78	000	0	0	00	00	56	05	0	190	45	0	0	9	0	0	33	34	+ 4	— 7	0.3	— 0.0	1.4	6
	Bahawalpur	000	0	0	00	00	96	00	0	167	73	0	0	9	0	0	41	80	000	0	0	30	00	96	00	0	206	50	0	0	9	0	0	42	41	+ 9	0	0.0	— 0.2	2.0	6
	Fort Abbas	000	0	0	00	08	98	00	0	167	76	0	0	9	0	0	56	76	000	0	0	05	02	98	00	0	185	56	0	0	9	0	0	//	//	—	—	0.8	—	0.9	8
Peshawar	Chakdra	000	0	0	23	02	98	01	1	143	63	0	0	9	0	0	38	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Peshawar	000	0	3	00	00	96	04	1	177	61	0	0	9	0	1	38	72	000	0	0	00	00	94	04	0	218	36	0	0	9	0	0	28	36	0	— 4	0.5	— 0.3	14.8	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67	000	0	0	05	03	97	00	0	268	45	0	0	9	0	0	25	38		—	0.9	—	23.9	—
D. I. Khan	Bannu	000	0	5	18	01	94	02	0	178	67	0	0	9	2	5	38	70	000	0	0	00	00	99	00	0	///	//	0	0	9	0	1	//	//	—	—	0.5	—	5.0	11
	D. I. Khan	000	0	0	00	00	97	02	0	179	64	0	0	9	0	0	48	70	000	0	0	00	00	97	02	0	213	42	0	0	9	0	0	38	40	+ 3	+ 1	0.8	— 0.3	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	167	80	0	0	9	0	0	26	78	000	0	0	00	00	97	02	0	197	44	0	0	9	0	0	38	42	—	—	0.0	—	0.2	5
	Nokkundi	000	0	0	13	05	97	02	0	140	75	0	0	9	0	0	34	01	000	0	0	36	07	97	00	0	187	49	0	0	9	0	0	06	47	—	—	0.0		0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	0	///	82	0	9	9	0	0	52	82	000	0	0	09	02	96	00	0	///	60	0	0	9	0	0	38	60	—	—	0.0	—	0.2	—
	Jiwani	000	0	2	27	05	96	03	0	158	75	0	0	9	0	1	60	77	000	0	6	00	00	96	02	2	172	63	3	6	5	3	0	61	62	—	—	0.0	—	2.0	5
	Pasni	000	0	0	29	06	97	02	0	168	//	0	0	9	0	0	37	79	000	0	4	23	04	97	02	0	232	59	4	0	9	0	0	50	//	+ 3	/	0.0	— 0.9	0.3	6
Karachi division	Ormara																																								6
	Lasbela	000	0	3	00	00	96	00	0	157	//	0	0	9	0	0	//	86	000	0	4	00	00	98	00	0	177	49	0	0	9	0	0	49	40	—	—	0.0	—	0.7	8
	Karachi (Manora)	000	0	0	25	03	97	02	0	154	76	0	0	9	0	0	53	85	000	0	5	05	02	96	03	0	173	60	0	0	9	0	4	44	60	+ 9	+ 2	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	155	81	0	0	9	0	0	43	87	000	0	0	00	00	96	02	0	179	53	0	0	9	0	2	34	51	—	—	2.0	—	1.5	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	//	02	0	203	65	0	0	9	0	0	63	65	—	—	0.0	—	0.1	—
	Chhor	000	0	0	00	00	96	02	0	147	85	0	0	9	0	0	47	87	000	0	0	05	03	96	02	0	177	60	0	0	9	0	0	60	44		—	0.0	—	0.3	7
	Hyderabad	000	0	0	31	02	97	02	0	164	77	0	0	9	0	0	43	81	000	0	0	36	03	97	01	0	185	56	0	0	9	0	0	39	50	+ 4	— 1	0.0	— 0.2	0.3	9
	Badin	000	0	0	36	01	97	02	0	151	83	0	0	9	0	0	49	85	000	0	0	30	01	96	02	0	170	52	0	0	9	0	0	36	49	+ 8	0	0.0	— 0.3	0.3	—
Khairpur	Padidan	000	0	0	36	03	97	02	0	161	74	0	0	9	0	0	45	76	000	0	2	31	02	96	03	0	190	45	0	0	9	0	1	43	44	—	—	0.0	—	0.8	—
	Nawabshah																																								4
	Sukkur	000	0	6	13	02	94	05	4	164	80	6	0	9	6	0	41	83	000	0	4	13	02	95	05	4	191	55	0	0	9	0	8	42	49	—	—	0.0	—	0.1	—
	Kashmore																																								4
	Jacobabad	000	0	0	00	00	97	01	0	165	75	0	0	9	0	0	35	77	000	0	0	00	00	96	02	0	187	49	0	0	9	0	0	40	48	+ 5	+ 4	0.1	— 0.2	2.8	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	0	13	03	98	00	1	523	56	0	0	9	0	0	27	58	000	0	0	00	00	98	00	1	529	42	0	0	9	0	0	16	38	+ 12	+ 5	0.9	— 1.2	41.0	18
Peshawar	Drosh *	000	0	7	13	05	97	02	2	545	54	5	0	9	3	4	38	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 15					29
	Cherat *	000	0	0	13	02	98	00	1	526	59	0	0	9	0	0	36	67	000	0	0	34	02	98	00	0	526	49	0	0	9	1	0	20	42	+ 16	+ 2	0.6	— 0.9	15.2	—
	Kakul *	000	0	3	13	02	95	05	1	524	56	3	0	5	0	0	18	64	000	0	1	09	02	97	01	0	530	47	0	0	9	0	1	20	42	—	—	1.0	—	33.9	—
	Landikotal *	000	0	0	18	05	98	02	4	634	63	0	3	9	0	0	27	63	000	0	0	36	02	98	02	0	596	52	0	0	9	0	0	20	25	—	—	0.7	—	13.7	29
	Parachinar *	000	0	1	05	03	98	02	0	520	54	0	0	9	0	4	19	60	000	0	0	00	00	98	02	0	544	28	0	0	9	0	0	14	36	+ 9	+ 7	0.6	—	22.2	13
D.I. Khan	Miranshah *	000	0	0	16	05	99	00	0	529	64	0	0	9	0	0	27	67	000	0	0	00	00	99	00	0	547	40	0	0	9	0	0	30	35	—	—	0.0	— 0.6	2.0	11
	Wana *	000	0	2	05	00	99	83	0	519	60	0	0	9	0	0	43	64	000	0	0	00	00	99	00	0	529	40	0	0	9	0	0	23	30	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman *	000	0	6	00	00	97	02	2	509	63	1	0	9	0	1	15	68	000	0	0	09	02	98	02	0	518	36	0	0	9	0	6	07	35	+ 14	+ 6	0.0	— 0.6	6.5	—
	Hindubagh *	000	0	0	20	03	97	02	0	524	52	0	0	9	0	0	30	55	000	0	0	00	00	97	02	0	572	33	0	0	9	0	0	25	22	—	—	0.0	—	6.2	9
	Loralai *	000	0	4	18	05	97	01	0	550	63	0	1	9	0	4	44	65	000	0	0	00	00	98	00	0	556	35	0	0	9	0	0	04	33	—	—	0.1	—	0.7	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	05	98	02	0	402	45	0	0	9	0	0	11	42		—	0.0	—	0.9	14
	Harnai *	000	0	0	00	00	96	02	0	513	67	0	0	9	0	0	33	72	000	0	0	00	00	96	02	0	590	45	0	0	9	0	0	19	43	—	—	0.0	— 0.9	5.7	9
	Samungli (Quetta) *	000	0	5	00	00	96	02	0	533	59	0	0	9	0	2	32	61	000	0	0	13	02	96	02	0	539	28	0	0	9	0	6	23	26	—	—	0.5	—	3.6	8
	Chaman *	000	0	0	27	03	97	00	0	519	62	0	0	9	0	0	62	63	000	0	0	09	03	97	00	0	554	54	0	0	9	0	0	13	45	+ 10	+ 11	0.0	— 1.4	0.5	—
	Nushki *	000	0	0	27	02	97	02	0	536	70	0	0	9	0	0	41	75	000	0	0	07	05	97	02	0	561	56	0	0	9	0	0	27	55	—	—	0.0	—	2.7	4
	Dalbandin *	000	0	0	05	03	98	02	0	535	71	0	0	9	0	0	25	73	000	0	0	00	00	98	02	0	541	42	0	0	9	0	0	21	39	+ 10	+ 6	0,0	— 0.7	0.5	7
Kalat	Kalat *	000	0	0	36	02	99	00	2	526	56	0	0	9	0	0	30	6	000	0	0	18	02	98	00	2	551	32	0	0	9	0	0	00	32	+ 11	+ 6	0.0	— 1.0	2.2	—
	Khuzdar *	000	0	0	27	02	97	02	0	519	71	0	0	9	0	0	15	7	000	0	0	36	02	96	02	0	519	43	0	0	9	0	0	23	41	—	—	C3	—	3.5	
	Panjgur *	000	0	0	00	00	96	02	0	525	75	0	0	9	0	0	43	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 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 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When ever 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 27th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Anshun	99 0 93	30 6 62	26 0 03	30 8 05	99 0 20	14 7 27	32 4 00	63 5 80				12 7 00	39 1 01	02 5 01
Hinea ...	99 2 57	10 5 72	26 1 00	40 9 02	99 0 20	11 7 22	33 4 00				05 4 18	17 5 70	30 0 00	09 0 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 138 08	...	485 108 56	063 052 57	573 127 57	739 255 57	942 387 56	211 557 //	...	...	...	...	...
Dacca ...	00 00	011 154 58	..	445 138 61	104 680 60	578 129 61	745 247 60	948 381 60	218 541 //	397 675 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi —	00 00	015 124 56	...	480 054 45	040 011 //	566 135 //	732 241 //	938 381 //	207 511 //	...	...	...	...	...
Multan ...	00 00	004 050 38	...	515 106 58	106 025 //	560 385 //	718 385 //			—	...			
Peshawar —	00 00	976 014 05	...	485 100 40	075 010 18	571 137 42	735 281 //	936 417 //	202 535 //	...	—			
Quetta —	00 00	MISDA	...							...	...			
Sargodha ...	00 00	996 100 57	...	480 054 60	064 055 58	561 221 //	722 315 //	912 401 //	194 491 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 108 56	820 108 57	800 096 57	623 000 56	600 023 56	350 383 56	212 080 13	...	—	212 256 26	–	—
Dacca ...	00 09	900 174 58	884 138 61	840 138 61	809 124 61	615 000 59	600 017 59	250 323 59	...	...	212 250 93	—	—
Gilgit ...				...									
Jiwani -													
Karachi ...	00 00	...	...	...	...	—	...	—	—	—	—	...	—
Multan ..	00 00	...	...	...	...	...	...				...		
Peshawar ...	00 00		–	...	...	...	...				...		
Quetta ...	00 00	MISDA	...	...	...	...	...	—	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...	...	...	...	...	...	...	

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	015 05	355 04	345 04	270 04	225 08	270 04	...	...	...
Bogra ...	360 09	355 05	045 05	260 04	240 09	260 08	...	...	—
Chaklala —	...	/// //	045 01	065 02	065 04	180 02	250 10	...	...
Chhor ..	280 02	320 03	085 02	320 03	300 09	295 17	280 19	280 18	280 23
Chittagong —	335 05	025 03	060 04	130 07	140 08	240 10	—	—	—
Cherat ...	...	...		...	...	—	–	—	...
Cox's Bazar —	315 09	310 07	305 05	355 03	350 03		...	...	..
Dacca —	015 04	355 03	335 04	245 01	215 06	220 07	...	...	
Dalbandin ..	...	...	090 03	050 03	215 02	215 02	255 20	240 26	255 33
D. I. Khan ...	145 03	105 05	075 03	060 04	285 05	250 08			
Drosh ...	...	...	...	260 01	045 03	090 01	345 05	/// //	025 0.
Fort Sandeman —	–	...	...	230 01	300 04	280 13	295 17	295 23	295 26
Gilgit ...	...	...		...	...	...	...	...	...
Ishurdi ...	345 09	350 08	360 07	240 07	255 08	290 08	310 19	...	...
Jacobabad —	205 04	215 02	220 04	315 07	325 06	280 13	270 19	255 25	200 32
Jessore ...	345 09	355 08	010 06	340 09	260 08	285 01	...		
Jhelum —	080 01	190 03	295 03	315 03	180 02	220 07	235 12	215 15	250 17
Jiwani ...	245 06	005 03	035 02	160 10	180 06	250 10	265 25	270 31	300 31
Karachi —	085 03	040 03	040 03	300 03	300 06	250 12	270 20	265 35	265 49
Khanpur ...	025 06	085 05	105 02	175 04	250 15	270 13	270 20	265 27	275 23
Khuzdar —	...	...		225 05	255 08	270 04	275 19	275 29	275 27
Lahore ...	325 01	285 02	275 03	250 05	230 04	220 04	250 08	230 08	235 11
Multan ...	175 08	150 05	120 06	260 06	260 05	260 12	320 15	275 19	265 27
Nawab Shah ...	360 03	215 02	205 01	280 04	280 10	280 20	265 23	265 32	270 37
Nokkundi ...	...		125 02	140 08	170 06	115 08	210 13	250 17	250 29
Panjgur ...									
Peshawar ...	...	055 04	135 04	155 03	185 04	355 02	035 04	215 08	265 15
Parachinar ...	...	...	...	065 02	130 08	335 15	240 04	280 17	260 16
Quetta ...	...	—		...	330 10	315 10	300 27		
Sargodha —	230 02	210 01	185 01	050 02	040 01	260 03	250 12	260 11	245 13
Skardu ...	...	...	...	/// //	005 01	...		...	...
Sylhet ...	315 02	315 05	070 02	080 13	110 24	090 21	...	—	...
Veraval ...	...	...	-	...	...	—	..	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	360 04	360 05	000 04	150 02	295 08	270 12
Bogra ...	015 06	030 04	085 02	110 04	025 05	280 15
Chaklala —	...	085 05	070 02	170 02	315 04	235 04
Chhor ..	015 18	020 18	045 15	130 10	190 10	015 10
Chittagong —	...	...	...	...	...	...
Cherat ...	...					
Cox's Bazar —	020 08	030 03	025 05	105 03	125 03	155 04
Dacca —	020 02	020 02	060 02	330 04	330 07	235 17
Dalbandin ..			075 08	130 08	185 05	280 09
D. I. Khan ...	005 03	015 02	055 01	050 05	010 09	310 06
Drosh ...	—	—	...	...		
Fort Sandeman —	...	..	...	210 03	255 06	265 06
Gilgit ...				275 02	250 01	300 06
Ishurdi ...	345 17	345 12	360 09	080 3	320 14	265 08
Jacobabad —	070 02	135 03	120 01	240 04	250 04	270 04
Jessore ...	355 24	350 17	350 16	355 10	005 05	340 08
Jhelum —	310 04	270 01	035 01	240 01	130 03	220 02
Jiwani ...	300 05	255 06	170 05	160 03	185 05	255 13
Karachi —						
Khanpur ...	090 11	070 03	085 01	220 07	220 10	285 10
Khuzdar —	...			275 03	3 5 01	250 06
Lahore ...	045 04	345 03	315 03	265 03	205 03	240 04
Multan ...	080 03	040 02	295 01	295 07	280 06	270 14
Nawab Shah ...	020 06	040 05	300 04	260 05	265 02	270 16
Nokkundi ...	...	...	275 10	320 10	360 19	005 15
Panjgur ...	...					
Peshawar ...	...	275 03	315 02	335 04	295 04	210 04
Parachinar ...	...	...	...			
Quetta ...					205 05	220 11
Sargodha —	185 02	035 01	050 03	300 04	280 08	290 07
Skardu ...	...					
Sylhet ...	075 10	080 07	095 07	055 07	195 06	275 14
Veraval ...	...	..	...			—

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	335 01	355 01	355 02	205 05	360 20	285 02	265 18	260 23	260 31	250 25	255 27
Bogra ...	...	...	...	...	..		...		...	...	...
Chaklala —	...	...	...						...	...	...
Chhor ..	115 03	175 02	245 03	230 03	295 03	275 11	295 13	...			
Chittagong —	305 03	165 03	185 05	170 05	195 05	280 07	240 20	235 41	255 25	245 43	235 44
Cherat ...											
Cox's Bazar —	205 02	175 07	150 03	175 02	210 04	150 03	...	...	...	..	—
Dacca —	055 01	075 03	120 04	190 02	310 04	275 09	265 18	260 30	260 33	260 41	250 67
Dalbandin ..			085 05	210 11	215 11	210 13	255 21	270 25	270 28	265 33	270 04
D. I. Khan ...	040 04	045 03	050 01	080 01	355 03	315 08	190 11	220 12	215 09	240 06	265 14
Drosh ...	—	...	—								
Fort Sandeman —	..	...	.	210 03	265 03	305 09	470 17	280 19	275 24	280 13	295 36
Gilgit ...				150 02	165 13	185 06	420 07	265 13	250 19	250 19	275 29
Ishurdi ...	020 04	035 03	034 05	105 03	295 10	260 15	455 25	260 26			
Jacobabad —	120 11	140 01	150 05	080 06	225 04	195 10	/// //	240 19	240 21	245 40	285 64
Jessore ...	355 15	330 11	315 07	300 05	190 03	295 09	280 26	275 31	260 29	260 40	250 45
Jhelum —						...	..	...	...	—	...
Jiwani ...	285 04	230 11	220 05	200 04	235 06	...			...	...	..
Karachi —	090 04	095 03	170 03	210 05	215 08	235 12	290 24	305 26	...	...	...
Khanpur ...	...	...	...	...	...	...	...		...	—	...
Khuzdar —									...	—	...
Lahore ...	080 03	065 04	330 04	275 07	235 06	300 07	225 10	265 23	260 16	280 12	250 22
Multan ...	190 03	190 04	265 04	345 06	240 08	250 11	250 2	235 27	250 31	250 3	275 45
Nawab Shah ...	045 04	140 01	205 02	185 06	230 07	255 14	290 28	210 32	290 37	...	—
Nokkundi ...	...		095 08	185 09	260 07	335 12	...	—	...	...	—
Panjgur ...	...										
Peshawar ...	...	005 04	025 04	020 03	240 07	260 02	180 04	235 07	240 09	245 27	245 36
Parachinar ...	...	...	—	...					...		...
Quetta ...				...	175 06	225 07	285 12	270 20	270 23	275 17	...
Sargodha —	285 01	270 03	280 03	055 01	305 05	300 07	275 12	270 07	215 06	240 09	305 25
Skardu ...				160 01	235 02	190 07	/// //	105 08	100 07	070 17	
Sylhet ...	070 06	085 08	095 09	105 12	085 09	250 12	210 21	270 39	265 51	285 07	285 82
Veraval ...	..	...	...	..	...	—	—	...	..	...	..

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	075 08	040 08	075 07	140 05	140 04	285 15	280 20	260 26	275 34	280 40	275 42	270 51	275 58	...	...	...	..	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

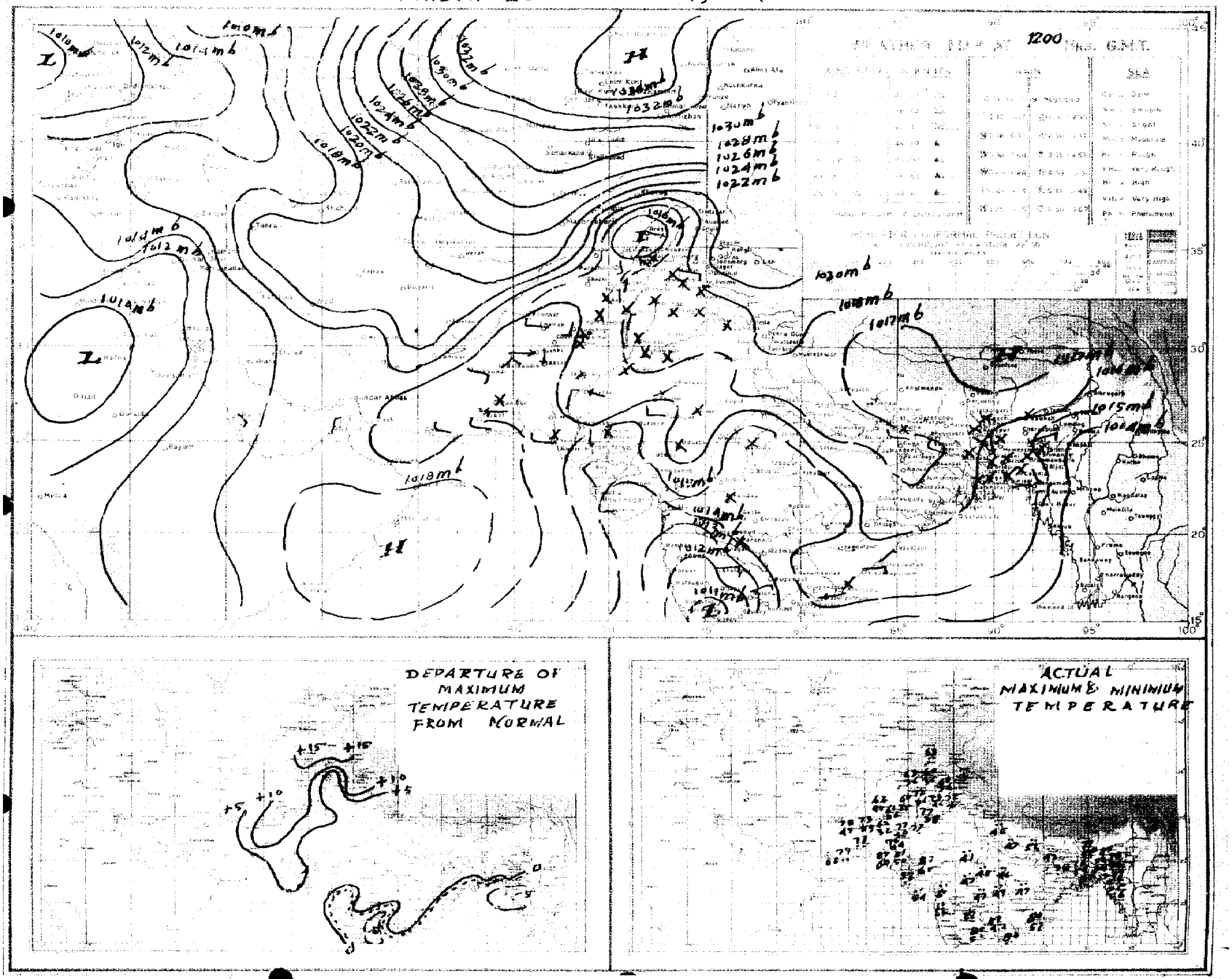
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "fff" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—)

PAKISTAN DAILY WEATHER MAP

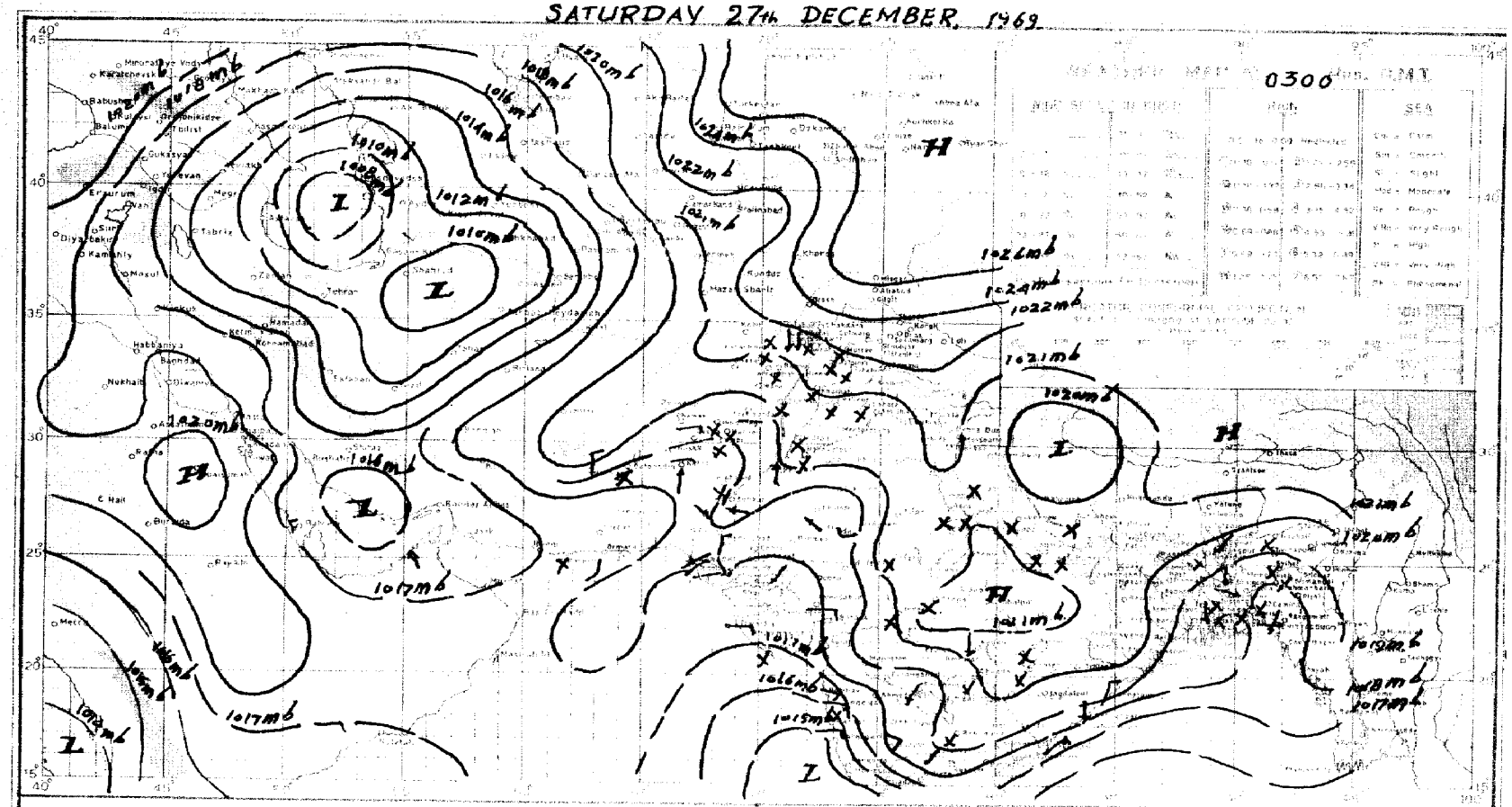
FRIDAY 26th DECEMBER, 1969.

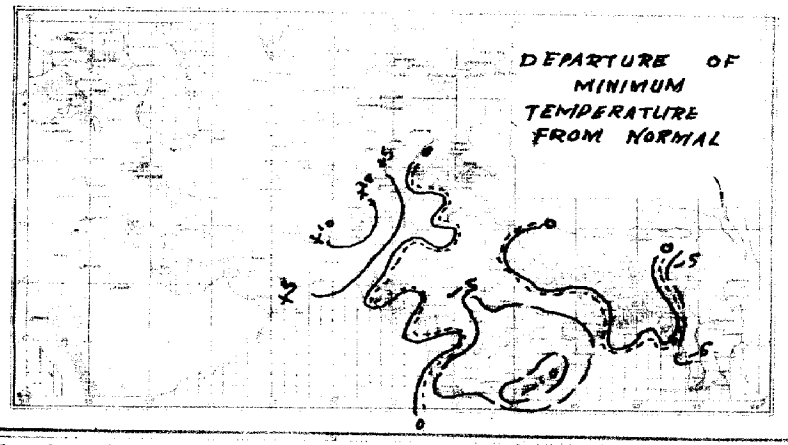


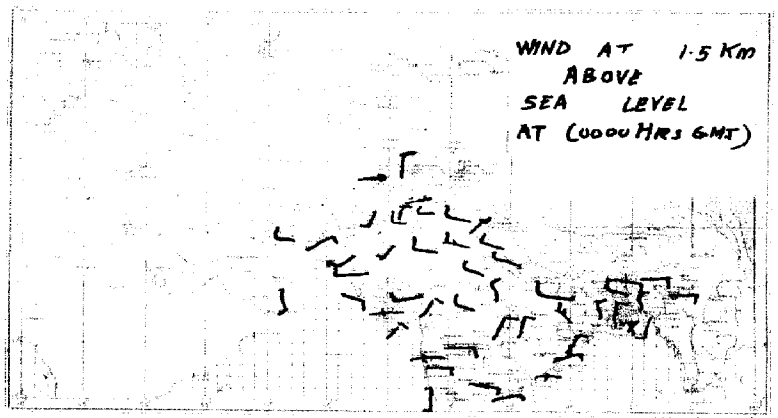
AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th DECEMBER, 1969.







Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 28th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

The trough of low pressure over D. I. Khan division has become unimportant. Yesterday's secodanry western disturbance lies over southwest Afghanistan and adjoining Kalat division. Weather remained dry over the country.

Night temperatures were 3—7 °F (2—4 °C) above normal in Rajshahi, Rawalpindi, Peshawar, Quetta, Kalat, Hyderabad and Khairpur divisions and 3—6 °F (2—3 °C) below normal in Chittagong and Multan divisions.

Forecast valid until the evening of 29th December 1969 :—A few falls of light rain/snow may occur over the hills of Quetta, Rawalpindi, Peshawar and D. I.-Khan divisions and Kashmir. Weather will continue to remain dry elsewhere over the country.

Karachi-11
The 28th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature *	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
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	1	27	03	//	01		157	73			7	0	0	56	78
	Cox's Bazar	000	0	6	36	06	//	03	0	144	76	7	0	9	3	3	54	77
	Chittagong	000	0	5	27	03	//	02	2	154	70	5	0	9	0	2	54	78
	Maijdee Court	000	0	0	00	00	//	00	0	138	70	0	0	9	0	0	56	78
	Comilla	000	0	0	0	00	96	02	0	149	76	0	0	9	0	0	56	78
	Brahmanbaria	000	0	0	00	00	//	00	0	155	70	0	0	9	0	0	61	79
	Sylhet	000	0	0	00	00	//	00	0	139	70	0	0	9	0	0	59	78
	Srimangal	...	..	..	..	..	..	..	..	...	...	..	..	..	..	..	..	...
Dacca	Mymensingh	000	0	0	00	00	//	00	0	163	67	0	0	9	0	0	58	78
	Narayanganj	000	0	0	00	00	//	00	0	146	70	0	0	9	0	0	56	80
	Dacca (Tejgaon)	000	0	0	00	00	96	02	0	142	70	0	0	9	0	0	54	78
	Faridpur	000	0	0	34	02	93	00	0	157	70	0	0	9	0	0	56	76
Khulna	Barisal																	
	Khulna	000	0	0	00	00	97	00	0	154	73	0	0	9	0	0	58	82
	Satkhira	000	0	0	00	00	95	00	0	151	67	0	0	9	0	0	56	76
	Jessore	000	0	0	00	00	97	02	0	151	70	0	0	9	0	0	54	76
Rajshahi	Pabna	000	0	0	00	00	//	02	0	154	68	0	0	9	0	0	56	78
	Sirajganj	000	0	0	00	00	//	00	0	145	72	0	0	9	0	0	54	76
	Rajshahi																	
	Bogra	000	0	0	00	00	//	02	0	142	69	0	0	9	0	0	56	78
	Dinajpur	000	0	0	00	00	//	00	0	147	68	0	0	9	0	0	54	76
	Rangpur	000	0	0	00	00	96	01	0	142	60	0	0	9	0	0	56	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	173	63	0	0	9	0	0	51	70
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	170	63	0	0	9	0	0	45	72
	Islamabad																	
	Rawalpindi	000	0	0	00	00	98	00	0	172	60	0	0	9	0	0	43	70
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	92	00	0	170	67	0	0	9	0	0	58	72
	Sargodha	000	0	0	09	03	95	04	0	173	63	0	0	9	0	0	54	72
	Lyallpur	000	0	0	00	00	96	00	0	169	67	0	0	9	0	0	49	70
Multan	Sahiwal																	
	Multan	000	0	2	05	03	96	04	0	177	68	2	0	9	0	0	47	72
	Leiah	000	0	0	36	00	94	00	0	149	8	0	0	9	0	0	56	78
Bahawalpur	Khanpur	000	0	3	05	03	97	01	0	161	72	0	0	9	0	1	40	76
	Bahawalpur	000	0	0	00	00	96	00	0	166	76	0	0	9	0	0	45	80
	Fort Abbas	000	0	0	05	02	98	00	0	187	73	0	0	9	0	0	56	82
Peshawar	Chakdara	000	0	0	23	02	98	02	0	145	60	0	0	9	0	0	40	60
	Peshawar	000	0	0	00	00	95	04	0	174	60	0	0	9	0	0	38	67
	Peshawar	000	0	0	13	02	98	00	0	156	68	0	0	9	0	0	32	68
D. I. Khan	Bannu	000	0	3	00	00	99	02	0	174	61	0	0	9	4	2	43	70
	D. I. Khan	000	0	0	00	00	97	00	0	173	6	0	0	9	0	0	49	74
Quetta	Sibi	000	0	6	18	03	97	03	1	118	7	0	6	9	4	0	46	78
	Nokkundi	000	0	0	09	05	97	02	0	09.	74	0	0	9	0	0	28	75
Kalat	Turbat	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..
	Jiwani	000	0	6	18	07	96	02	2	146	75	.	6	5	3	0	57	7
	pasni	...	..	..	..	..	..	..	..	...	...	..	..	..	..	..	..	
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	5	27	05	97	03	1	152	74	0	0	9	8	4	55	65
	Karachi (Airport)	000	8	4	23	02	96	02	0	146	79	0	0	9	0		41	86
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	171	84	0	0	9	0	0	84	84
	Chhor	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..
	Hyderabad	000	0	5	00	00	97	02	2	157	1	0	0	9	0	1	43	74
	Badin	000	0	0	36	04	97	02	0	144	82	0	0	9	0	0	49	81
Khairpur	Padidan	000	0	2	36	03	97	02	0	150	75	0	0	9	0	0	31	76
	Nawabshah	000	0	4	00	00	96	1	1	156	76	0	0	9	0	2	53	79
	Sukkur	000	0	4	15	02	95	05	4	150	78	0	0	9	0	8	40	80
	Kashmore																	
	Jacobabad	000	0	0	00	00	97	01	0	///	75	0	0	9	0	8	43	77
Saurashtra-Kutch	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minar																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	00	00	98	00	0	517	50	0	0	9	0	0	30	54
Peshawar	Drosh																	
	Chitral	000	0	0	31	02	96	00	0	515	54	0	0	9	0	0	27	68
	Kakul	000	0	0	13	03	97	00	0	524	54	0	0	9	0	0	23	63
	Landikotal	000	0	0	36	02	98	02	0	632	60	0	0	9	0	0	27	67
	Prachinar	000	0	2	16	03	98	03	0	630	51	0	0	9	0	2	18	59
Q. I. Khan	Miranshah	000	0	0	05	05	99	00	0	554	64	0	0	9	0	0	29	67
	Wana	000	0	2	00	00	95	00	0	510	68	0	0	9	0	0	43	73
Quetta	Fort Sandeman	000	0	4	27	02	98	03	0	502	61	0	0	9	0	1	//	65
	Hindubagh	000	0	0	23	03	97	02	0	478	54	0	0	9	0	0	27	58
	Loralai	000	0	6	18	04	97	01	0	540	60	0	1	9	0	6	37	66
	Barkhan																	
	Harnai	000	0	0	00	00	96	02	0	495	65	0	0	9	0	0	34	70
	Samungli (Quetta)	000	0	0	27	05	96	02	0	525	61	0	0	9	0	0	32	64
	Chaman	000	0	0	18	05	97	00	0	503	65	0	0	9	0	0	36	69
	Nushki	000	0	0	23	05	97	02	0	550	73	0	0	9	0	0	41	72
	Dalbandin	000	0	0	23	05	98	02	0	583	73	0	0	9	0	0	30	78
Kalat	Kalat	000	0	0	23	02	96	00	2	496	50	0	0	9	0	0	33	60
	Khuzdar																	
	Panjgur																	

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	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st November, 1969 to date	Departure from normal	Since 1st January, 1969 to date	Annual Normal
	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TaTa	TxTx	TnTa				
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	000	2	6	36	02	98	01	4	201	65	5	1	7	1	2	58	61	—	—	1.5	—	10.2	—
Cox's Bazar	000	0	5	36	07	96	03	0	193	67	5	1	5	2	2	54	56	— 1	— 0	0.7	— 3.5	92.0	40
Chittagong	000	0	6	07	02	96	03	4	187	65	2	0	9	3	4	58	56	+ 1	+ 1	1.2	— 1.5	105.5	108
Maijdee Court	000	0	0	00	00	97	03	0	180	67	0	0	9	0	2	58	54	— 0	— 3	0.4	— 1.4	128.5	115
Comilla	000	0	0	00	00	96	02	0	183	65	0	0	9	0	0	56	61	+ 1	+ 8	0.5	— 1.1	104.2	114
Brahmanbaria	000	0	4	00	00	97	03	1	191	68	0	0	9	0	0	61	54	—	—	1.3	— 0.1	55.1	78
Sylhet	000	0	2	05	05	96	00	0	180	63	0	0	9	2	1	59	52	—	—	1.5	—	149.7	—
Srimangal	000	0	0	00	00	96	00	0	193	63	0	0	9	0	0	58	41		— 6	1.5	— 0.1	84.5	98
Mymensingh	000	0	0	00	00	97	00	0	199	65	0	0	9	0	0	56	54	+ 2	+ 1	0.3	— 0.7	7.5	91
Narayanganj	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..		+ 4					74
Dacca (Tejgaon)	000	0	2	00	00	96	10	4	186	63	0	0	9	0	7	58	53	—	—	1.3	—	66.0	—
Faridpur	000	0	0	00	00	97	00	0	189	65	0	0	9	0	0	61	52	+ 2	0	1.6	+ 0.4	58.5	71
Barisal																							
Khulna	000	0	0	00	00	97	00	0	156	70	0	0	9	0	0	58	//	+ 5	/	1.4	+ 0.1	////	81
Satkhira	000	0	0	36	01	97	00	0	155	65	0	0	9	0	0	50	52	— 2	+	0.2	— 1.7	61.7	68
Jessore	000	0	2	36	05	96	05	0	151	61	0	0	9	0	4	54	49	—	—	1.1	0.0	62.8	65
Pabna	000	0	0	36	02	98	02	0	190	41	0	0	9	0	0	58	56	—	—	1.0	—	66.3	59
Sirajganj	000	0	0	00	00	98	00	0	195	58	0	0	9	0	0	51	52	+ 1	—	0.4	— 0.4	56.6	64
Rajshahi																							
Bogra	000	0	2	36	02	96	02	0	194	65	0	0	9	0	0	56	52	+ 3	— 1	1.3	+ 0.4	59.6	69
Dinajpur	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	+ 1					72
Rangpur	000	0	0	05	02	96	01	0	191	61	0	0	9	0	0	54	52	+ 2	+ 3	1.5	+ 1.2	87.5	84
Jammu																							
Lahore (Jail Rd.)	000	0	4	00	00	95	10	0	204	47	1	0	9	3	3	40	41	— 2	+ 2	0.0	— 0.5	18.0	19
Sialkot																							33
Jhelum	000	0	7	09	02	94	10	0	212	40	3	0	9	3	6	38	26	—	—	0.0	—	31.2	—
Islamabad																							—
Rawalpindi	000	0	3	00	00	95	10	2	221	36	1	0	9	4	3	32	36	+ 6	— 1	0.7	— 1.2	33.6	36
Campbellpur																							—
Khushab	000	0	0	00	00	96	02	0	197	41	0	0	0	/	0	40	40	+ 4	0	0.0	— 0.5	7.8	13
Sargodha	000	0	4	00	00	93	45	0	201	40	1	0	9	3	4	40	36	—	—	0.1	—	20.7	—
Lyallpur	000	0	0	00	00	95	02	0	202	47	0	0	9	0	4	36	42	+ 3	+ 2	0.0	— 0.3	7.7	13
Sahiwal																							19
Multan	000	0	3	00	00	93	12	4	206	41	0	0	9	0	2	40	38	+ 3	— 3	0.0	— 0.3	11.3	7
Leiah	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	—					9
Khanpur	000	0	0	00	00	96	00	0	207	50	0	0	9	0	0	42	49	+ 3	— 1	0.3	+ 0.1	1.4	6
Bahawalpur	—	—	—	..	..	-	..	..	...	..	..	..	..	..	..	..	...	+ 9					6
Fort Abbas	...	..	..	...	..	..	..	..	...	..	..	..	..	..	..	..	...	—					8
Chakdara	000	0	5	00	00	98	03	/	217	36	3	0	9	3	4	32	//	—	—	—	—	23.2	—
Peshawar	000	0	6	00	00	96	04	/	214	40	1	0	9	3	2	31	40	+ 3	0	0.5	— 0.3	14.8	11
Peshawar	000	8	0	05	03	97	00	0	201	45	0	0	9	0	0	31	38	—	—	1.0	—	24.0	
Bannu	000	0	4	00	00	98	03	2	214	40	0	0	9	3	0	32	40	—	—	0.5	—	5.0	11
D. I. Khan	000	0	0	00	00	97	02	0	213	42	0	0	9	0	0	38	41	+ 5	+ 2	0.0	— 0.4	6.0	9
Sibi	100	0	0	00	00	97	02	0	198	46	0	0	9	0	0	46	43	—	—	0.0	—	0.2	5
Nokkundi	000	0	0	00	00	97	02	0	199	50	0	0	9	0	0	24	49	—	—	0.0	—	0.3	2
Turbat	100	0	0	13	02	96	00	0	207	61	0	0	9	0	0	56	//		/	0.0	—	0.2	—
Jiwani	000	0	6	00	00	96	03	0	166	63	3	6	8	0	1	58	62	—	—	0.0	—	2.0	5
pasni	100	0	4	13	04	97	02	0	163	59	4	0	9	0	0	49	//		/	0.0	— 1.0	0.3	6
Ormara																							4
Lasbela																							8
Karachi (Manora)	...																	+ 9					8
Karachi (Airport)	000	0	1	05	02	96	03	0	176	52	0	0	9	0	1	33	51	—	—	0.0	—	1.5	—
Nagarparkar	000	0	0	05	03	97	02	0	204	65	0	0	0	0	0	63	65	—	—	0.0	—	0.1	—
Chhor	000	0	8	00	00	96	02	0	171	47	0	0	5	0	0	40	//		/	0.0	—	0.3	7
Hyderabad	000	0	0	36	05	91	02	0	179	57	0	0	9	0	0	39	55	+ 2	+ 4	0.0	— 0.2	0.3	9
Badin	000	0	0	36	03	96	02	0	185	52	0	0	9	0	0	46	48	+ 8	— 1	0.0	— 0.3	0.3	—
Padidan	100	0	0	31	02	96	02	0	163	44	0	0	9	0	0	39	44	—	—	0.0	—	0.8	—
Nawabshah	000	0	0	31	03	96	02	0	187	46	0	0	9	0	0	40	45	—	—	0.0	—	1.1	4
Sukkur	100	2	0	13	05	95	05	4	183	54	0	0	9	0	0	41	49	—	—	0.0	—	0.1	—
Kashmore																							4
Jacobabad	000	0	0	00	00	/	02	0	188	49	8	0	9	0	0	39	x4	+ 3	—	0.1	— 0.2	2.8	20
Veraval																							26
HILL STATIONS																							—
Srinagar																							5
Gulmarg																							39
Sonamarg																							71
Dras																							94
Leh																							3
Skardu																							6
Minar																							—
Allabad																							5
Gilgit																							39
Murree	000	0	6	00	00	97	02	1	541	40	6	5	4	0	0	12	36	+ 8	+ 3	1.0	— 1.4	41.0	18
Drosh																							29
Chitral	000	0	3	34	02	98	01	0	536	45	0	0	9	0	3	19	41	+ 17	+ 1	0.6	+ 1.0	15.2	—
Kakul	000	0	6	00	00	97	03	1	534	44	6	0	9	5	0	21	42	—	— 1	0.0	—	94.0	—
Landikotal	000	0	4	05	05	98	01	0	604	36	4	3	9	0	0	23	//		/	0.7	—	12.6	39
Prachinar	000	0	6	//	30	98	03	2	540	51	6	0	9	5	0	15	36	+ 8	+ 7	0.6	—	21.2	13
Miranshah	100	0	0	05	05	97	00	0	511	52	0	0	9	0	0	28	36	—	—	0.0	— 0.6	2.0	11
Wana	100	0	0	00	00	97	00	0	512	38	0	0	9	0	0	27	32	—	—	0.0	—	4.3	11
Fort Sandeman	000	0	9	09	02	97	01	/	517	37	0	0	9	0	0	14	35	+ 8	+ 6	0.0	— 0.6	6.5	—
Hindubagh	000	0	0	00	00	97	02	0	562	36	0	0	9	0	0	19	24	—	—	0.0	—	6.2	8
Loralai	...	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...	—					9
Barkhan																							—
Harnai	000	0	0	00	00	97	02	0	491	44	0	0	9	0	0	29	41	—	—	0.0	— 1.0	5.6	14
Samungli (Quetta)	000	0	0	31	08	96	02	0	515	42	0	0	9	0	0	24	//		/	—	—	—	9
Chaman	000	0	0	09	03	97	00	0	445	42	0	0	9	0	0	36	46	+ 16	+ 12	0.0	— 1.5	0.5	8
Nushki	000	0	0	27	03	97	02	0	534	56	0	0	9	0	0	27	56	—	—	0.0	—	2.6	—
Dalbandin	000	0	0	00	08	98	02	0	489	53	0	0	9	0	0	35	//	+ 15	/	0.0	— 0.7	0.5	4
Kalat	000	0	0	18	02	98	00	0	597	36	0	0	9	0	0	19	33	+ 9	—	0.0	— 1.1	2.3	7
Khuzdar																							—
Panjgur																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0900 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When one 999 is given RRR see the remarks column for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 28th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Hines	99 2 57	18 5 72	26 1 82	40 9 02	99 0 20	11 / 7	00 0 00	33 4 00			05 4 40	17 5 70	3/ 0 00	
Anshun	99 0 93	30 6 62	26 0 00	30 8 05	99 0 33	30 6 62	99 0 20	/////			...	12 7 88	30 1 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_oT_oT_oT_oD_oD_o$)	1000 mb (hhh TTT, DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 136 10/	...	495 116 23	114 305 06	572 207 56	733 319 //	924 523 //	...	...	...	...	...	...
Dacca ...	00 00	015 182 58	...	480 122 74	125 060 //	577 119 //	746 237 //	550 363 //	221 537 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	013 445 91	...	500 070 56	000 025 //	569 505 68	729 301 //	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	980 838 56	...	500 076 57	077 021 56	569 175 //	37/ 229 37	931 433 //	195 583 //	...	...			
Quetta ...	00 00	820 078 59	...	...	065 063 //	557 315 //	712 441 //	914 425 //	...	...	...	...	...	...
Sargodha ...	00 00	997 070 55	...	500 064 40	101 021 30	578 161 //	735 241 //	941 345 //	217 455 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TT T_s DD)									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{st}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 134 19	800 088 32	600 095 49	...	...	...	...	...	...	...	...	...
Dacca ...	00 09	500 114 58	800 118 77	600 025 //	...	...	...	...	...	...	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...		...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 064 //	600 195 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	300 03	320 02	030 02	205 04	250 06	270 04	...	...	...
Bogra ...	320 03	335 02	010 04	230 04	195 08	265 13	...	...	...
Chaklala ...	...	270 10	380 10	050 07	090 05	130 10	...	...	...
Chhor ...	390 05	310 03	265 03	260 05	285 05	250 12	/72 29	275 09	285 39
Chittagong ...	060 01	065 04	150 05	185 06	220 10	245 04	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	335 02	190 02	190 04	095 05	125 07		...	...	...
Dacca ...	300 03	315 02	025 02	105 04	095 06	065 06	...	...	...
Dalbandin ...	...	...	225 06	200 09	205 08	230 19	255 33	255 37	260 49
D. I. Khan ...	085 02	105 04	/// //	810 04	325 06	300 06	290 10	290 10	...
Drosh ...	...	...	...		...	...	...		...
Fort Sandeman ...	...	...	...	325 01	340 04	280 09	295 17	280 29	280 32
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	160 03	140 02	145 04	180 06	225 13	235 17	245 20	...	235 17
Jessore ...	356 08	350 08	340 09	260 07	290 07	290 08	...	...	...
Jhelum ...	195 01	200 01	135 02	045 04	120 02	200 02	170 05	260 11	260 16
Jiwani ...	205 07	240 04	310 03	225 02	...		...	...	...
Karachi ...	280 05	030 02	025 02	225 05	230 12	245 20	285 12		
Khanpur ...	060 09	060 07	060 04	025 04	020 11	020 06	425 03	380 24	285 37
Khuzdar ...	...	...	...	370 38	210 08	285 50	280 28	280 23	270 30
Lahore ...	330 02	320 04	315 04	295 03	290 05	280 12	295 08	285 13	295 10
Multan ...	065 08	060 10	060 09	200 05	285 15	275 25	265 37	275 33	275 38
Nawab Shah ...	130 03	240 04	250 05	210 07	235 10	260 17	...	...	...
Nokkundi ...	...	...	090 10	150 10	230 16	130 20	...	...	...
Panjgur ...	...	...	...	...	...			...	...
Peshawar ...	...	080 03	160 03	095 01	205 02	255 05	290 06	265 16	...
Parachinar ...	...	...	...	115 02	140 04	245 10	255 02	...	260 13
Quetta ...	...	...		...	160 05	210 07	230 13	240 19	240 19
Sargodha ...	120 02	065 03	045 04	060 01	230 04	265 05	255 06	290 15	295 17
Skardu ...	...		...	...		...	...	...	...
Sylhet ...	290 04	275 02	100 02	135 09	200 07	290 02	...	...	...
Veraval ...	...	...		...	...		...	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...		...
Bogra ...	555 03	085 04	190 07	280 03	295 05	250 13
Chaklala ...	...	135 02	090 03	145 02	235 03	280 04
Chhor ...	095 00	165 04	180 08	225 09	205 12	210 15
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...		...	...	...	...
Dacca ...	035 02	075 01	125 01		325 10	...
Dalbandin ...	...	...	170 10	210 15	220 14	220 19
D. I. Khan ...	260 06	000 07	025 07	020 02	055 05	240 08
Drosh ...	...	...	...	...		...
Fort Sandeman ...	...	...	...	040 02	215 10	205 14
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...					...
Jacobabad ...	085 12	095 05	075 03	180 07	215 15	215 14
Jessore ...	385 13	350 06	350 06	355 10	320 09	235 11
Jhelum ...	320 03	030 50	100 04	...	040 02	...
Jiwani ...	235 07	220 07	240 08	275 13	280 18	290 17
Karachi ...	...	...	...	...	...	...
Khanpur ...	045 10	055 10	055 11	040 07	315 09	230 13
Khuzdar ...	...	...	...	185 05	215 12	225 12
Lahore ...	035 05	010 03	300 04	285 04	285 02	250 04
Multan ...	070 11	050 07	040 50	180 07	245 14	255 10
Nawab Shah ...	345 12	350 07	015 02	215 13	230 16	230 76
Nokkundi ...	...	...	360 14	320 19	305 21	275 12
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	215 03	110 02	340 02	151 21	035 02
Parachinar ...	...	...	...	105 02	040 07	...
Quetta ...		...	...	...	...	...
Sargodha ...	215 01	330 03	020 03	015 05	025 03	315 03
Skardu ...	...	...	...	...	...	...
Sylhet ...	050 11	100 03	160 07	120 13	185 05	235 16
Veraval ...	...	...	...	...		...

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	005 01	320 02	320 03	255 08	240 13	250 24	250 31	250 38	260 39	...	...
Bogra ...	045 02	135 03	120 03	115 03	290 07	250 18	260 35	265 39	260 96	...	...
Chaklala ...	...	190 03	110 02	120 04	260 03	175 09	230 10	...	...	...	...
Chhor ...	165 05	180 07	180 09	205 12	225 13	260 13	270 25	265 38	255 46	260 42	285 73
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	350 03	030 03	075 02	170 04	170 07	235 06	250 24	250 24	245 38	...	...
Dalbandin ...	...	...	160 02	225 12	235 13	255 17	255 21	255 37	260 44	...	...
D. I. Khan ...	210 02	200 04	135 03	135 04	155 04	190 06	000 11	220 12	220 41	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	350 02	175 12	200 17	210 23	220 76	230 27	...	...
Gilgit ...	...	...	...	...	...	...	...		...	...	...
Ishurdi ...	...		...	...	...	...	...	...	...	...	...
Jacobabad ...	050 12	055 23	055 25	035 10	155 12	190 10	240 30	246 34	240 42	...	...
Jessore ...	350 07	355 07	350 07	325 08	290 09	260 21	255 26	275 37	265 43	...	...
Jhelum ...	350 02	050 03	130 04	120 07	065 03	355 03	010 15		...	...	...
Jiwani ...	110 02	225 06	230 07	260 10	175 17	...		265 33	...	...	...
Karachi ...	355 06	350 06	330 05	230 08	220 14	250 15	250 17	220 36	250 44	...	...
Khanpur ...	040 15	055 17	060 19	065 25	085 19	235 12	210 42	265 31	220 35	...	...
Khuzdar ...	...	...	...	135 07	170 09	255 14	255 25	240 08	255 39	...	...
Lahore ...	030 01	280 02	245 02	235 03	280 03	215 03	160 04	210 20	275 13	...	...
Multan ...	100 05	090 11	075 12	060 12	040 09	305 13	200 22	235 27	280 28	...	...
Nawab Shah ...	340 12	230 06	250 08	190 15	235 15	245 26	269 35	280 44	280 40	...	...
Nokkundi ...	...	...	075 11	185 03	265 30	245 15	225 16	...	265 30	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 03	350 05	070 02	135 05	200 09	260 12	260 12	...	...	...
Parachinar ...	...	...	...	105 03	135 04	...	170 85	...	...	...	...
Quetta ...		...		...	205 10	215 09	220 20	255 30	255 29	...	...
Sargodha ...	220 03	060 01	015 03	010 01	305 01	185 03	245 09	260 13	260 17	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	335 08	295 08	230 08	215 11	225 15	225 19	245 29	260 43	255 47	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

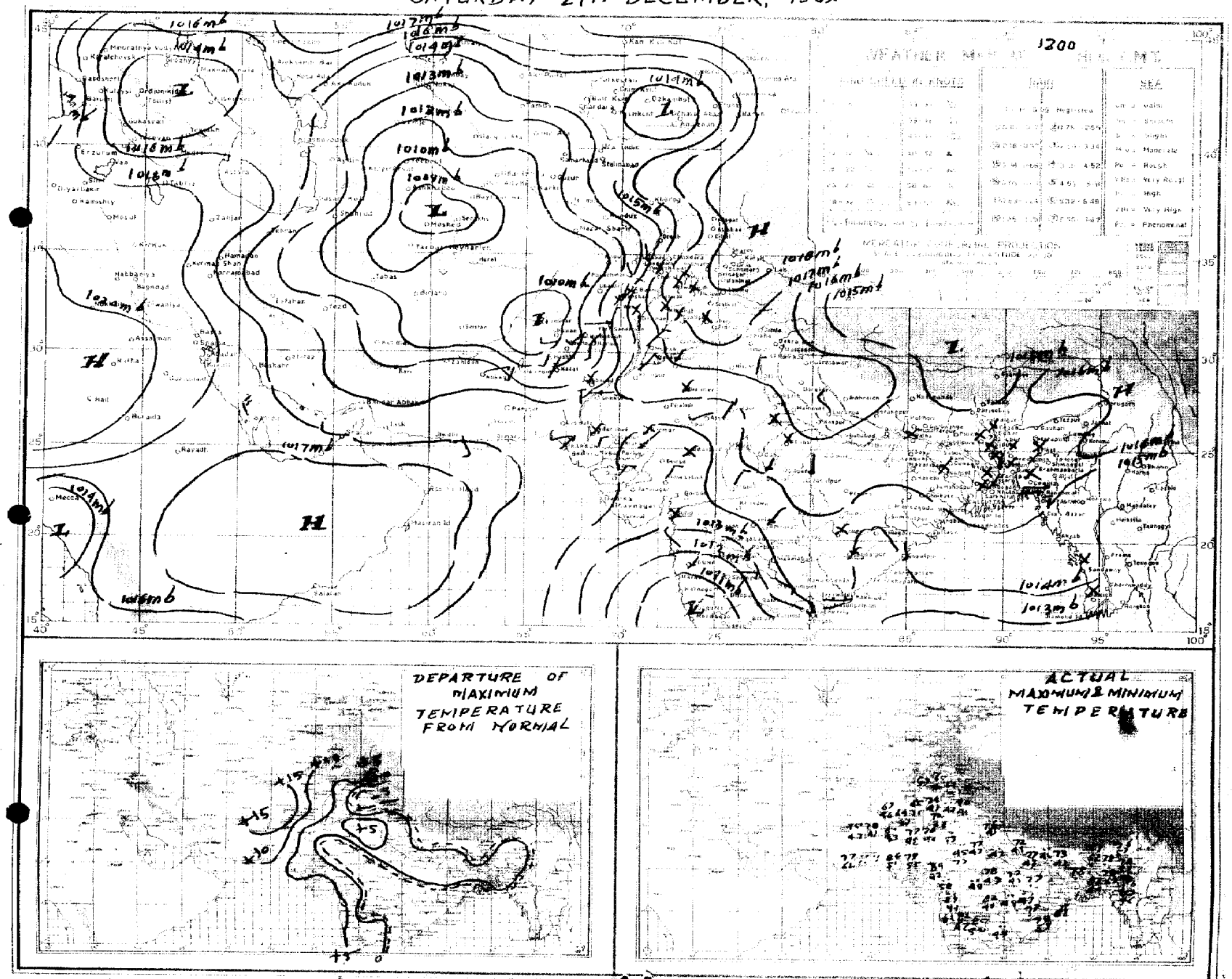
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th DECEMBER, 1969.

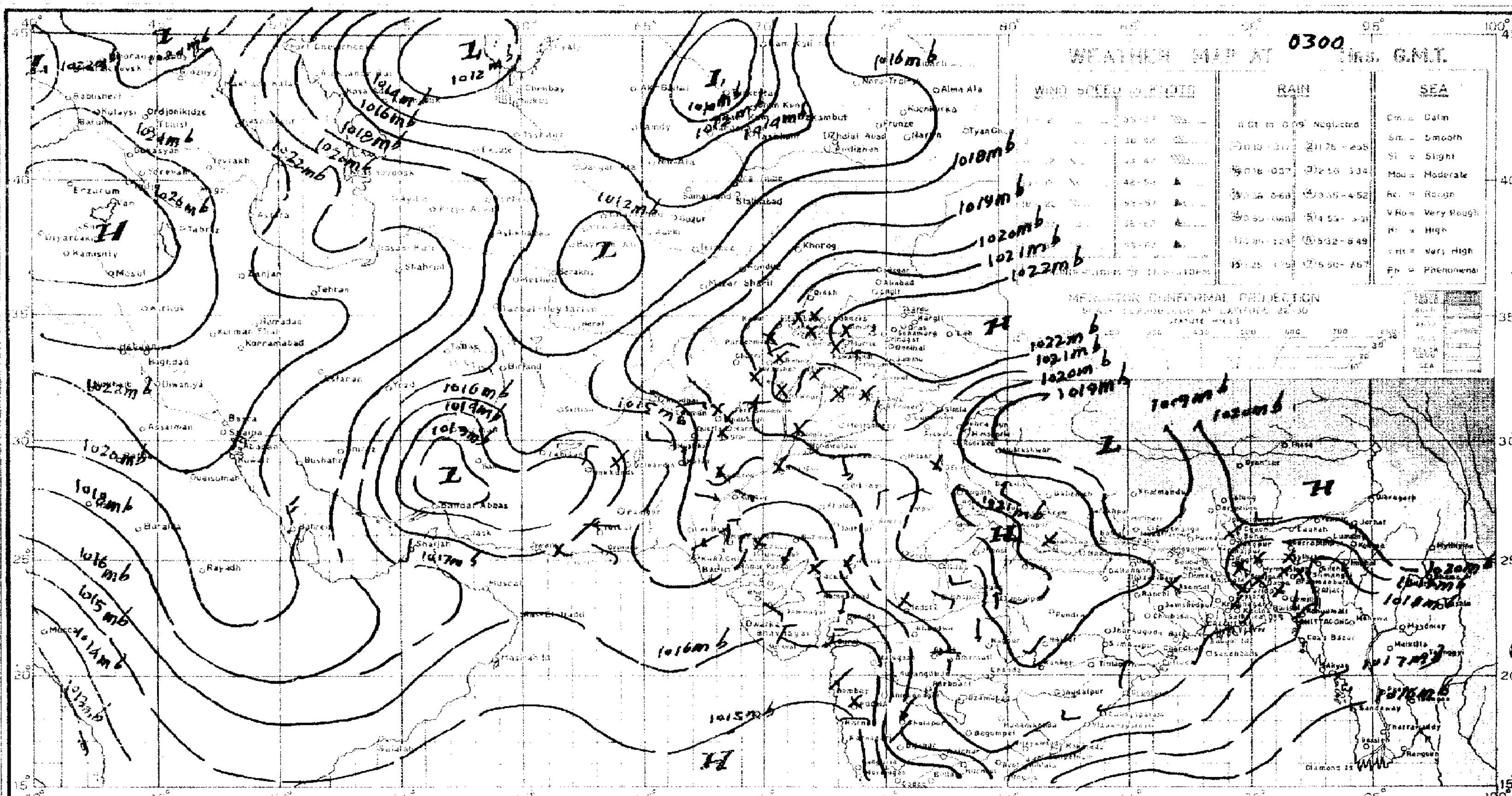


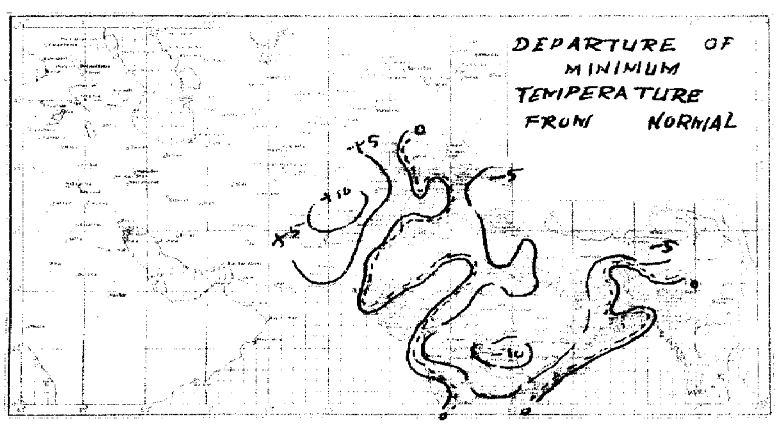
REG. No. 024 RWXD'61-5,000'69-5,000'67

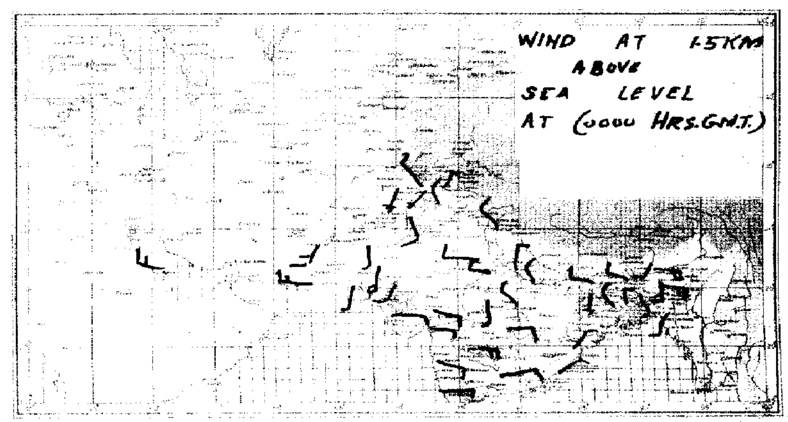
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SUNDAY 28th DECEMBER, 1969.





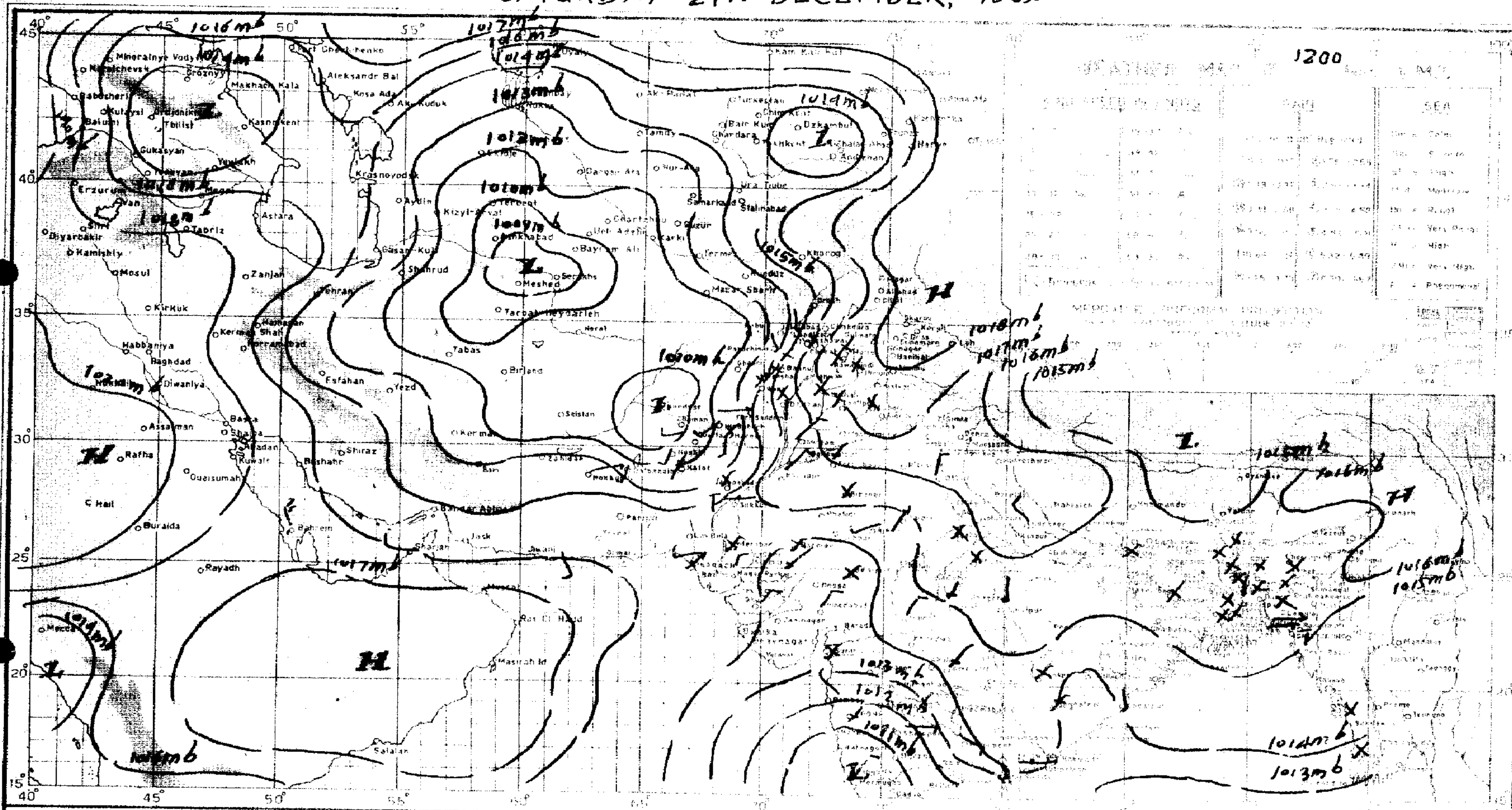


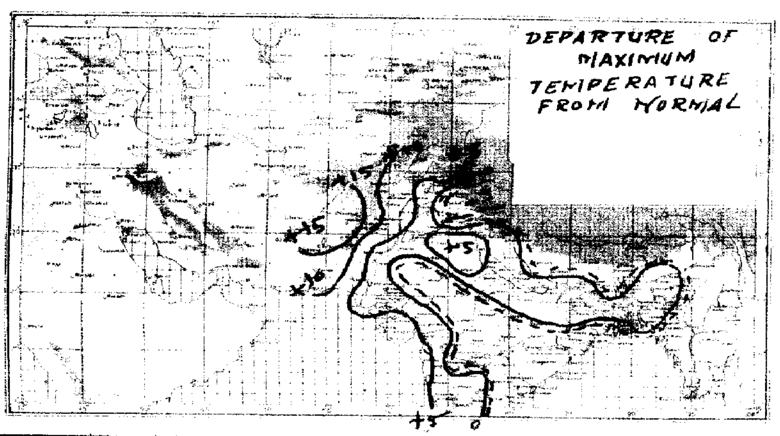
REG. No. 1024 R+XOZ-5000'65-5000'67.

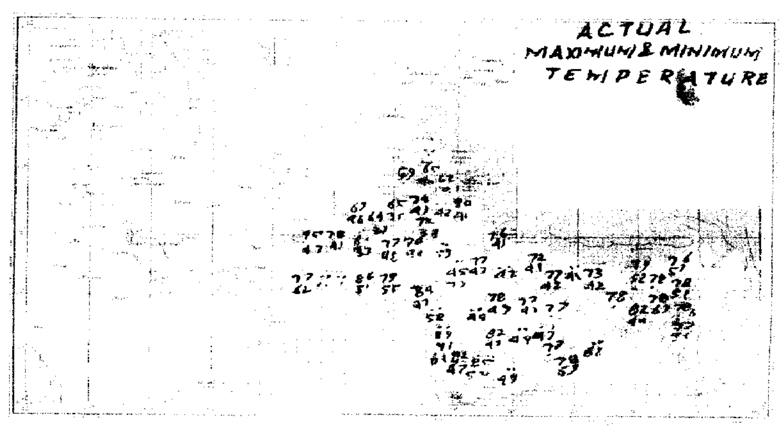
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th DECEMBER, 1969.







REG. No. 024 RWXD'41-5000'63-5000'67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 29th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secodanry western disturbance is moving across the southern divisions of west Pakistan while its primary is moving across no-th of Peshawar division. These have caused scattered rain in Quetta division and a few falls of light rain/drizzle in Sargodha and Khairpur divisions. Hindubagh record-d ¼" of rainfall.

Night temperatures have rison by 8—12 °F (4—7 °C) in Quetta districts and by 3—7 °F (2—4 °C), elsewhere in Quetta division and in Peshawar division and have fallen by 2—3 °F (2 °C) in Khairpur division.

Forecast valid until the evening of 30th December 1969 :—Rain with snow falls over the hills are likely to be local in Peshawar division and Kashmir and scattered in D. I. Khan Quetta and Rawalpindi divisions. A few thunderstorms/showers are also likely to occur elsewhere over west Pakistan outside Karachi, Hyderabad and Kalat divisions. Weather is likely to remain dry over East Pakistan.

Karachi-11
The 29th December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (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 † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati		000	0	3	36	03	//	01	0	156	72	2	1	4	0	0	58	75	000	0	4	36		98	8	4	192	63	2	4	6	0	1	60	60	—	—	1.6	—	102.4	—
	Cox's Bazar		000	0	5	00	00	//	02	2	149	72	1	4	5	3	2	54	77	000	0	4	36	06	96	05	0	161	64	1	3	4	4	0	56	58	—	+ 2	0.7	— 3.5	91.9	40
	Chittagong		000	0	5	00	02	//	02	2	152	68	0	0	9	0	4	56	78	000	0	5	00	0	95	05	1	190	62	0	0	9	0	0	59	54	+ 1	—	1.2	— 0.6	105.2	108
	Maidan Court		000	0	0	00	00	//	00	0	150	70	0	0	9		0	56	77	000	0	0	00	00	97	00	0	180	68	0	0	9	0	0	56	56	—	—	0.4	— 1.4	128.6	115
	Comilla		000	0	0	00	00	96	02	0	136	73	0	0	9	0	0	57	80	000	0	0	00	0	96	03	0	165	62	0	0	9	0	0	58	59	+ 3	+ 1	0.5	— 11.1	104.2	134
	Brahmanbaria		000	0	0	00	00	//	00	0	155	70	0	0	9	0	0	62	78	000	0	0	00	0	97	00	0	174	56	0	0	9	0	0	54	77	—	—	1.3	— 0.1	550.9	78
	Sylhet		000	0	0	09	05	//	02	0	49	68	0	0	9	0	0	60	78	000	0	1	09	05	96	02	0	193	62	0	0	9	3	0	18	51	—	—	1.5	—	149.7	—
	Srimangal		000	0	0	00	00	//	00	0	153	60	0	0	9	0	0	56	77	000	0	0	00	00	96	00	0	184	59	0	0	9	0	0	56	43	—	1	—	1.5	— 0.1	84.5	58
Dacca	Mymensingh		000	0	0	00	00	//	00	0	162	58	0	0	9	0	0	56	78	000	0	0	00	00	97	00	0	189	65	0	0	9	0	0	56	54	+ 2	+ 1	0.3	— 0.7	77.6	91
	Narayanganj		000	0	0	00	00	//	00	0	154	72	0	0	9	0	0	56	80	000	0	0	00	00	97	00	0	188	72	0	0	9	0	0	56	56	+ 4	+ 1	—	—	—	74
	Dacca (Tejgaon)		000	0	2	00	00	96	02	0	153	70	0	0	9	0	0	54	77	000	0	1	00	00	96	05	0	193	62	0	0	9	0	1	56	51	—	—	1.3	—	65.9	—
	Faridpur		000	0	0	00	00	94	03	0	155	67	0	0	9	0	0	56	76	000	0	0	00	00	97	00	0	181	62	0	0	9	0	0	56	51	+ 2	—	1.6	+ 0.4	58.5	77
Khulna	Barisal		000	0	2	00	00	..	00	0	156	67	0	0	9	0	5	59	77	000	0	3	00	00	96	02	0	193	60	0	0	9	0	8	56	50	+ 2	—	4	—	—	81
	Khulna		000	0	0	00	00	97	00	0	154	73	0	0	9	0	0	58	82	000	0	0	00	00	97	00	0	189	68	0	0	9	0	0	58	58	+ 5	+ 5	1.4	— 0.1	75.5	48
	Satkhira		000	0	0	00	00	95	00	0	158	64	0	0	9	0	0	//	77	000	0	0	36	02	97	00	0	193	63	0	0	9	0	0	52	51	— 1	0	0.2	— 1.7	61.7	65
	Jessore		000	0	2	31	02	97	00	0	155	70	0	0	9	0	8	54	76	000	0	2	36	05	96	05	0	192	60	0	0	9	0	5	54	49	—	—	1.1	— 0.1	62.5	65
Kushtia	Pabna		000	0	0	00	00	//	02	0	159	70	0	0	9	0	0	54	78	000	0	0	31	05	98	00	0	193	60	0	0	9	0	0	54	56	—	—	1.0	—	66.3	59
	Sirajganj		000	0	0	00	00	//	00	0	155	73	0	0	9	0	0	60	77	000	0	0	00	00	98	00	0	196	64	0	0	9	0	0	56	54	+ 2	+ 2	0.4	— 0.4	56.6	64
	Rajshahi		000	0	0	00	00	94	01	0	155	70	0	0	9	0	0	58	76	000	0	0	36	02	97	00	0	203	62	0	0	9	0	0	54	51	+ 1	0	—	—	—	—
	Bogra		000	0	0	00	00	//	02	0	45	67	0	0	9	0	0	56	77	000	0	0	36	0	96	02	0	212	64	0	0	9	0	0	54	54	+ 2	+ 1	1.3	+ 0.4	59.6	69
	Dinajpur		000	0	0	00	00	//	00	0	146	68	0	0	9	0	0	56	77	000	0	0	00	00	96	00	0	129	62	0	0	9	0	0	54	50	+ 2	+ 1	0.8	+ 0.3	54.5	73
	Rangpur		...	..	..	...	...	...	..	..	...	...	..	..	..	..	..	..	..	000	0	0	00	0	96	07	0	150	59	0	0	9	0	0	54	50	—	+ 1	1.5	+ 1.0	87.5	84
Kashmir	Jammu																																									
Lahore	Lahore (Civil Rd.)		000	0	0	00	00	95	05	1	162	64	0	0	9	0	0	50	70	000	0	6	00	00	94	10	0	214	43	1	1	5	8	2	38	41	—	—	—	—	—	—
	Sialkot		...	...	...	...	...	...	..	..	...	...	..	..	...	...	..	..	..	000	0	0	00	00	97	00	0	///	64	0	0	9	0	0	32	50	0	+ 2	0.0	— 0.5	18.0	19
Rawalpindi	Jhelum		000	0	0	00	00	96	02	0	180	64	0	0	9	0	0	45	72	000	0	4	00	00	94	10	0	214	41	4	0	9	3	0	35	36	—	+ 9	0.0	— 0.8	11.5	33
	Islamabad																																				—	—	0.1	—	31.2	—
	Rawalpindi		000	0	6	00	00	98	02	2	166	61	0	0	9	1	4	43	70	000	0	3	00	00	95	10	2	222	40	3	0	9	4	0	35	35	+ 6	— 2	0.2	— 1.3	33.6	—
	Campbellpur																																									34
Sargodha	Khushab		000	0	0	00	00	97	02	0	181	64	0	0	9	0	0	56	70	000	0	4	01	01	96	00	0	///	40	0	0	9	4	0	38	40	—	—	—	—	—	—
	Sargodha		000	0	1	09	03	96	04	0	179	63	1	0	9	3	0	49	70	000	0	4	00	00	93	47	5	214	47	/	/	/	1	1	50	36	+ 2	0	0.0	— 1.0	7.8	15
	Lyallpur		000	0	0	00	00	95	00	0	160	64	0	0	9	0	0	49	70	000	0	4	00	00	95	01	0	218	45	0	0	9	0	3	35	41	+ 3	+ 1	0.0	— 0.3	7.7	12
Multan	Sahiwal																																				—	—	0.1	—	50.1	—
	Multan		000	0	0	05	00	96	05	0	173	67	0	0	9	0	0	45	72	000	0	5	00	00	93	44	4	209	45	2	0	9	3	1	41	40	+ 4	—	1	0.0	— 0.4	11.3	18
	Leiah		...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	...	..	000	0	0	36	00	92	00	0	189	40	0	0	9	0	0	38	39	—	—	—	—	—	7
Bahawalpur	Khanpur		...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..	..	000	0	4	36	05	96	05	1	190	49	0	0	9	0	1	41	43	—	+ 2	0.3	+ 0.1	1.4	8
	Bahawalpur		000	0	0	00	00	...	...	...	...	...	..	..	..	..	..	..	..	000	0	4	00	00	96	00	1	213	51	0	0	9	0	0	41	45	—	+ 4	—	—	—	6
	Fort Abbas		000	0	0	05	02	98	00	0	187	73	0	0	9	0	0	56	76	000	0	0	23	02	98	00	0	185	56	0	0	9	0	0	56	54	—	—	0.0	—	0.9	8
Peshawar	Chakdara		...	..	..	...	...	...	...	...	...	...	..	..	..	..	..	..	..	000	0	8	00	00	97	03	2	198	45	8	0	9	2	1	38	33	—	—	0.1	—	23.2	—
	Peshawar		000	0	7	00	00	95	04	2	189	9	4	0	9	3	0	40	63	000	0	8	00	02	95	04	0	207	51	1	5	7	2	1	24	47	— 1	+ 7	0.5	— 0.4	14.8	11
	Kohat		000	0	0	13	03	98	00	0	201	60	0	0	9	0	0	34	63	000	0	0	15	05	92	00	0	211	43	3	4	9	3	5	22	40	—	—	0.9	—	23.9	—
D. I. Khan	Bannu		000	0	6	00	00	98	03	2	174	68	0	0	9	6	5	38	68	000	0	7	34	02	98	03	2	214	40	6	2	7	4	0	40	40	—	—	0.5	—	8.0	11
	D. I. Khan		000	0	0	00	00	97	00	0	182	67	0	0	9	0	0	47	70	000	0	3	00	00	97	02	0	216	47	0	0	9	0	0	40	47	+ 1	+ 8	0.0	— 0.4	6.0	9
Quetta	Sibi		000	0	0	13	03	97	02	0	169	78	0	6	9	0	0	22	76	000	0	6	00	00	97	03	1	198	47	3	6	9	0	0	//	44	—	—	0.0	—	0.2	5
	Nokkundi		000	0	0	00	00	97	02	0	040	75	0	0	9	0	0	51	74	000	0	6	18	05	96	03	1	171	51	6	5	9	7	0	22	47	—	—	0.0	—	0.3	2
Kalat	Turbat		000	0	0	27	02	96	00	0	001	80	0	0	9	0	0	25	80	000	0	0	09	02	96	00	0	205	62	0	0	9	0	0	23	//	—	—	0.0	—	0.2	—
	Jiwani		000	0	6	18	07	96	02	2	151	70	6	6	8	0	0	61	79	000	0	4	36	03	96	03	1	172	67	5	8	6	0	0	62	62	—	—	0.0	—	2.0	—
	Pasni		000	0	4	11	02	97	02	0	165	78	4	0	9	0	0	78	75	000	0	4	13	02	97	02	0	169	66	0	5	9	0	0	64	//	— 1	—	0.0	— 0.9	0.3	5
Karachi division	Ormara																																									6
	Lasbela		000	0	2	00	00	98	00	0	139	80	0	0	8	0	0	56	81	000	0	5	00	00	98	00	0	175	58	0	0	9	0	0	52	42	—	—	0.8	—	0.7	8
	Karachi (Manora)																			000	0	0	00	00	96	03	0	179	59	0	0	9	0	0	45	55	—	—	0.0	—	1.1	8
	Karachi (Airport)		000	0	0	27	09	96	02	0	154	78	0	0	9	0	0	54	86	000	0	4	00	00	96	02	0	183	56	0	0	9	0	6	40	59	—	— 3	0.0	— 0.3	1.5	8
Hyderabad	Nagarparkar																																									—
	Chhor		000	0	0	08	00	96	02	0	145	81	0	0	9	0	0	47	85	000	0	2	00	00	//	03	0	156	48	0	0	9	0	4	41	//	—	—	0.0	—	9.1	7
	Hyderabad		000	0	0	08	03	97	02	0	150	76	0	0	9	0	0	44	80	000	0	5	36	00	97	01	2	187	58	0	0	9	0	1	41	56	+ 3	— 2	0.0	— 0.2	0.3	9
	Badin		000	0	0	36	03	97	02	0	154	82	0	0	9	0	0	47	84	000	0	0	36	04	96	02	0	163	51	0	0	9	0	0	45	48	+ 7	— 1	0.0	— 0.3	0.3	—
Khairpur	Padidan		000	0	0	36	02	97	02	0	205	72	0	0	9	0	0	40	74	000	0	3	31	02	96	01	0	191	49	3	0	9	7	0	42	44	—	—	0.0	—	0.8	—
	Nawabshah		000	0	0	31	03	96	02	0	165	72	0	0	9	0	0	52	76	00	0	6	31	02	96	20	2	194	52	0	0	9	7	0	46	46	—	—	0.0	—	1.1	4
	Sukkur		000	0	0	23	02	95	05	4	151	74	0	0	9	0	0	45	76	000	0	4	05	02	95	05	4	195	51	4	0	9	6	0	42	45	—	—	0.0	—	0.1	—
	Kashmore																																									4
	Jacobabad		000	0	0	36	02	97	02	0	161	73	0	0	9	0	0	42	74	000	0	3	00	00	96	05	0	199	51	0	0	9	0	2	41	48	+ 2	+ 4	0.1	— 0.2	2.8	20
Bahawalpur	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar																																									71
	Gulmarg																																									24
	Sonamarg																																									3
	Dras																																									6
	Leh																																									—
	Skardu																																									—
	Misgar																																									—
	Aliabad																																									—
	Gilgit																																									5
Rawalpindi	Murree		000	0	6	13	02	97	02	1	523	45	4	5	4	4	0	29	51	000	0	6	11	07	97	02	1	542	40	2	5	4	4	0	12	39	+ 7	+ 5	0.4	— 1.0	41.0	39
Peshawar	Drosh																																									18
	Chitral		000	0	4	16	03	97	02	2	549	54	4	0	9	3	0	29	63	000	0	7	36	14	96	03	2	546	49	7	4	7	0	0	24	43	+ 11	+ 3	0.6	— 1.1	15.2	29
	Kohat		000	0	3	18	02	95	03	1	523	51	1	2	5	1	0	25	63	000	0	7	13	02	97	03	2	539	47	5	0	9	5	5	23	43	—	—	1.0	—	33.9	—
	Landikotal		000	0	6	36	02	98	03	4	632	66	6	7	6	7	7	27	63	000	0	4	05	05	98	01	4	004	35	4	3	9	0	0	23	24	—	—	0.7	—	13.7	29
	Peshawar		000	0	7	26	01	98	03	2	532	49	4	5	6	7	0	16	56	000	0	7	11	02	97	01	2	543	40	3	7	6	3	0	33	38	+ 5	+ 9	0.6	—	22.2	19
D.I. Khan	Miranshah		000	0	0	05	05	99	00	0	538	67	0	0	9	0	0	//	67	000	0	0	05	05	99	00	0	540	43	0	0	9	0	0	30	43	—	—	0.0	— 0.7	2.0	11
	Wana		...	..	..	...	...	...	..	..	...	...	..	..	..	..	..	..	..	000	0	0	00	00	98	03	0	561	43	8	4	7	0	0	36	36	—	—	0.0	—	4.3	11
Quetta	Fort Sandeman		000	0	1	31	07	97	02	0	495	61	1	1	9	0	0	21	64	000	0	6	05	03	97	05	1	522	43	3	5	7	3	0	27	37	+ 7	+ 8	0.0	— 0.6	6.5	—
	Hindubagh		000	0	0	23	03	97	02	0	481	51	0	0	9	0	0	49	56	000	0	8	00	00	95	00	0	561	36	8	8	3	0	0	19	//	—	—	0.2	—	6.4	9
	Loralai																																									14
	Barkhan																																									9
	Harnai		000	0	0	00	00	96	02	0	493	62	0	0	9	0	0	40	66	000	0	8	00	00	96	02	0	498	50	0	0	6	4	8	39	48	—	—	0.0	— 0.2	5.7	9
	Samungli (Quetta)		000	0	7	16	18	96	02	0	492	55	7	7	5	0	0	39	59	012	1	8	00	00	96	03	0	529	43	4	6	9	4	0	41	39	—	—	0.7	— 0.5	3.7	8
	Chaman		000	4	0	23	09	95	03	0	495	6	0	0	9	0	0	35	66	000	0	0	13	07	96	00	0	578	58	0	0	9	0	0	31	51	+ 13	+ 17	0.0	— 1.5	0.5	—
	Nushki		000	0	3	23	06	95	07	0	538	69	0	0	9	0	2	38	73	000	0	3	07	03	97	02	0	561	56	0	0	9	0	2	29	53	—	—	0.0	—	2.7	4
	Dalbandin		000	0	4	05	05	97	03	2	500	72	0	0	9	3	0	32	74	000	0	2	00	00	98	01	0	504	44	2	0	9	3	0	35	44	+ 11	+ 12	0.0	— 0.7	0.5	7
Kalat	Kalat		000	0	0	13	02	97	02	0	500	52	0	0	9	0	0	30	60	000	0	0	18	02	97	00	2	534	36	0	0	9	0	0	29	36	+ 9	+ 9	0.0	— 1.1	2.2	—
	Khuzdar		000	0	0	00	00	96	00	0	498	65	0	0	9	0	0	33	66	000	0	2	00	00	96	01	0	518	44	2	5	6	3	0	35	43	—	—	0.3	—	3.5	—
	Panjgur																																									—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. in rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. in rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the remarks above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 29th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Adler ...	99 2 28	18 6	36 0 60	02 2 04	58 0 20	17 6 21	03 9 80			84 4 00		12 7 08	30 4 02	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ D_oD_o)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 138 19	...	400 116 56	121 024 56	576 145 50	742 253 56	945 383 56	213 581 //	391 681 //	...	...	...	...
Dacca ...	00 00	018 194 58	..	450 132 64	235 056 //	596 083 //	766 215 //	972 341 //	248 509 //	430 667 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	015 154 60	...	500 070 30	198 014 //	583 135 //	750 225 //	953 381 //	222 545 //	...	...	...	...	...
Multan ...	00 00	004 060 30	...	500 080 //	088 611 //	—			...	..	..	...		
Peshawar ...	00 00	977 068 57	...	550 038 57	059 475 57	564 191 //	727 295 //	927 411 //		...	...	...		
Quetta ...	00 00	823 032 38	...	...	085 022 //	570 119 //	736 215 //	943 319 //	223 435 //	...	...	...	...	...
Sargodha ...	00 00	996 120 58	..	500 084 60	095 025 58	564 181 //	726 301 //	927 391 //	199 475 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed $P_mP_mP_m$ d_md_m $f_mf_mf_m$	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 116 56	800 096 56				...	...	...	...	...	—	...
Dacca ...	00 00	900 130 64	800 132 //	600 000 //	350 281 //	250 383 //	...	...	...	—	...	...	...
Gilgit ...				...									
Jiwani ...													
Karachi ...	00 00	...	...	—	...	...	...	...	...	...	—	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00				...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 050 //	600 731 //	350 283 //	250 703 71	...	...	...	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd fff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	290 14	285 02	330 03	275 10	285 14	275 11	...	—	...
Bogra ...	225 03	235 04	290 12	250 05	...	—	...	...	—
Chaklala ...	...	225 03	110 03	140 10	110 10	165 11	...	...	...
Chhor ...	270 04	230 05	215 01	275 16	240 10	240 17	240 20	265 35	270 20
Chittagong ...	310 04	033 04	115 05	180 18	237 16	250 21	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	215 07	140 16	200 12	245 15	260 06	225 25	...	...	...
Dacca ...	275 06	280 06	290 03	204 01	040 03	040 06	...	...	...
Dalbandin ...	...	...	250 07	255 15	220 17	210 15	250 14	...	...
D. I. Khan ...	110 01	115 03	110 05	145 08	170 08	185 13	120 13	325 12	235 18
Drosh ...	...	...	...						
Fort Sandeman ...	...	...	...	251 05	165 10	255 15	235 15	215 05	245 03
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	300 07	300 04	335 04	295 10	285 16	265 17	...	...	...
Jacobabad ...	045 05	060 06	060 07	180 10	195 05	285 10	270 11	305 15	325 11
Jessore ...	330 09	330 10	325 10	310 08	320 10	295 12	...	...	...
Jhelum ...	180 01	170 06	115 01	110 07	070 01	055 02	240 27	255 12	245 18
Jiwani ...	205 15	240 05	285 06	275 13	270 06	270 18	290 12	...	...
Karachi ...	225 06	245 03	255 04	245 07	270 08	295 08	265 06	260 13	270 13
Khanpur ...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	115 06	260 15	245 12	270 14	275 19	265 15
Lahore ...	055 02	340 01	320 01	255 10	270 06	250 10	255 13	250 18	255 15
Multan ...	080 09	060 10	065 10	120 10	175 04	205 10	200 16	215 18	223 05
Nawab Shah ...	315 06	250 03	255 07	320 15	260 11	280 15	210 49	...	...
Nokkundi ...	...	...	145 04	220 18	260 10	270 14	270 26	270 27	280 31
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	350 01	035 01	125 05	210 06	...	...	...	...
Parachinar ...	...	350 01	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	370 09	250 00	...	...	...
Sargodha ...	285 15	290 10	304 01	285 10	270 20	215 09	280 10	215 12	225 13
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	185 04	175 04	150 03	190 05	175 02	...	...	—	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd fff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	325 01	330 05	005 04	305 01	295 12	260 10
Bogra ...	010 07	020 07	035 05	290 08	205 13	280 23
Chaklala ...	...	050 06	105 06	160 05	210 04	190 08
Chhor ...	350 05	340 05	260 06	230 10	255 11	270 10
Chittagong ...	—	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	340 06	330 11	320 11	150 05	190 19	260 11
Dacca ...	055 11	010 11	010 10	/// //	285 15	...
Dalbandin ...	...	...	280 05	285 10	230 17	335 16
D. I. Khan ...	310 05	330 04	235 04	360 08	255 06	190 10
Drosh ...	—	—	...	...	...	...
Fort Sandeman ...	...	...	...	060 11	035 05	055 03
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	010 05	005 05	350 07	335 10	325 17	...
Jacobabad ...	335 03	355 05	050 03	115 06	125 06	170 07
Jessore ...	025 13	025 13	345 15	295 15	285 15	285 16
Jhelum ...	035 05	360 03	105 06	130 09	135 05	180 04
Jiwani ...	300 00	270 09	260 09	...		...
Karachi ...	...	...	...	...	...	...
Khanpur ...	090 07	095 08	115 09	165 06	225 06	200 17
Khuzdar ...	...	...	...	...	...	...
Lahore ...	050 08	335 08	330 06	290 07	210 04	050 04
Multan ...	050 07	050 06	050 06	230 06	260 01	260 10
Nawab Shah ...	340 10	350 08	345 02	280 11	235 09	255 11
Nokkundi ...	...	...	...	270 07	295 07	...
Panjgur ...	...					
Peshawar ...	...	235 06	260 07	310 10	030 06	230 10
Parachinar ...	...	...	...	165 06	175 08	...
Quetta ...	...			...		...
Sargodha ...	095 06	035 04	060 03	050 02	040 04	010 08
Skardu ...	...	...	...	...	...	...
Sylhet ...	065 08	055 03	045 03	045 08	275 08	285 15
Veraval ...	...	...	...	..	.	—

At 0600 hrs. G.M.T. † of date (dd fff)

Heights in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	360 05	005 06	355 06	310 08	290 09	290 15	275 30	270 36	270 30	260 49	...
Bogra ...	005 03	045 06	045 06	065 06	345 09	295 16	285 33	205 35	275 42	275 40	...
Chaklala ...	...	310 05	085 02	115 09	160 13	165 14	200 13	...	...		...
Chhor ...	025 07	025 05	205 03	205 08	245 09	285 15	...	...	...	...	...
Chittagong ...	200 08	015 07	030 03	315 05	255 04	250 19	270 20	265 49	360 47	...	—
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	005 04	360 02	005 09	005 10	110 03	170 15	080 03	...	...	...	...
Dacca ...	020 05	015 04	015 04	360 06	295 12	280 22	275 38	270 37	280 35	290 54	275 49
Dalbandin ...			070 10	040 06	325 05	270 15	245 24	235 34	230 45	220 52	210 51
D. I. Khan ...	250 04	295 06	305 06	310 04	070 04	195 03	245 12	235 20	235 22	245 37	270 70
Drosh ...	—	...	—				...	...	...	...	...
Fort Sandeman ...	...	...	.	015 04	040 02	250 05	...	—	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	050 03	068 04	040 04	300 07	290 26	285 14	265 27	...	...	...	...
Jacobabad ...	220 02	180 03	085 05	085 10	285 05	235 12	255 24	265 32	265 35	270 31	...
Jessore ...	360 05	020 09	005 06	335 12	310 10	290 13	300 25	330 39	275 41	275 70	...
Jhelum ...	310 04	150 02	125 06	155 08	165 08	170 15	210 18	330 27	275 66	260 34	...
Jiwani ...	360 07	285 06	250 06	290 04	235 11	235 13	215 16	220 24	270 33	...	...
Karachi ...	0·0 06	030 06	025 05	025 05	005 02	250 11	270 09	240 11	250 15	...	...
Khanpur ...	030 12	035 09	035 19	155 06	170 07	230 09	265 23	255 29	265 30	...	...
Khuzdar ...	...	...	...	215 01	235 06	265 15	260 21	260 30	255 30	255 30	255 45
Lahore ...	360 01	270 03	260 06	225 06	250 05	190 10	210 12	205 12			
Multan ...	055 12	035 18	035 16	115 09	180 08	195 17	230 21	260 25	260 41	275 18	240 14
Nawab Shah ...	340 09	020 04	360 04	295 07	235 08	245 12	245 20	275 32	275 39	295 44	...
Nokkundi ...	...		340 06	100 06	230 08	260 07	..	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	025 05	315 03	060 05	170 07	...	...	...	...	...	...
Parachinar ...	...	...	—	140 02	105 03	...	...	...	...	...	...
Quetta ...				...	200 12	240 17	...	...	...	...	...
Sargodha ...	230 01	275 01	255 01	225 04	225 06	240 05	230 17	240 11	255 30	245 26	...
Skardu ...				175 04	180 05					...	...
Sylhet ...	095 05	105 07	085 09	190 08	290 09	265 13	275 33	265 38	275 43	...	...
Veraval ...	..	...	...	..	...	—	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	320 04	320 07	310 07	285 08	285 09	260 15	275 15	240 18	260 27	260 49	250 49	...	...	...	...	...	..	..
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

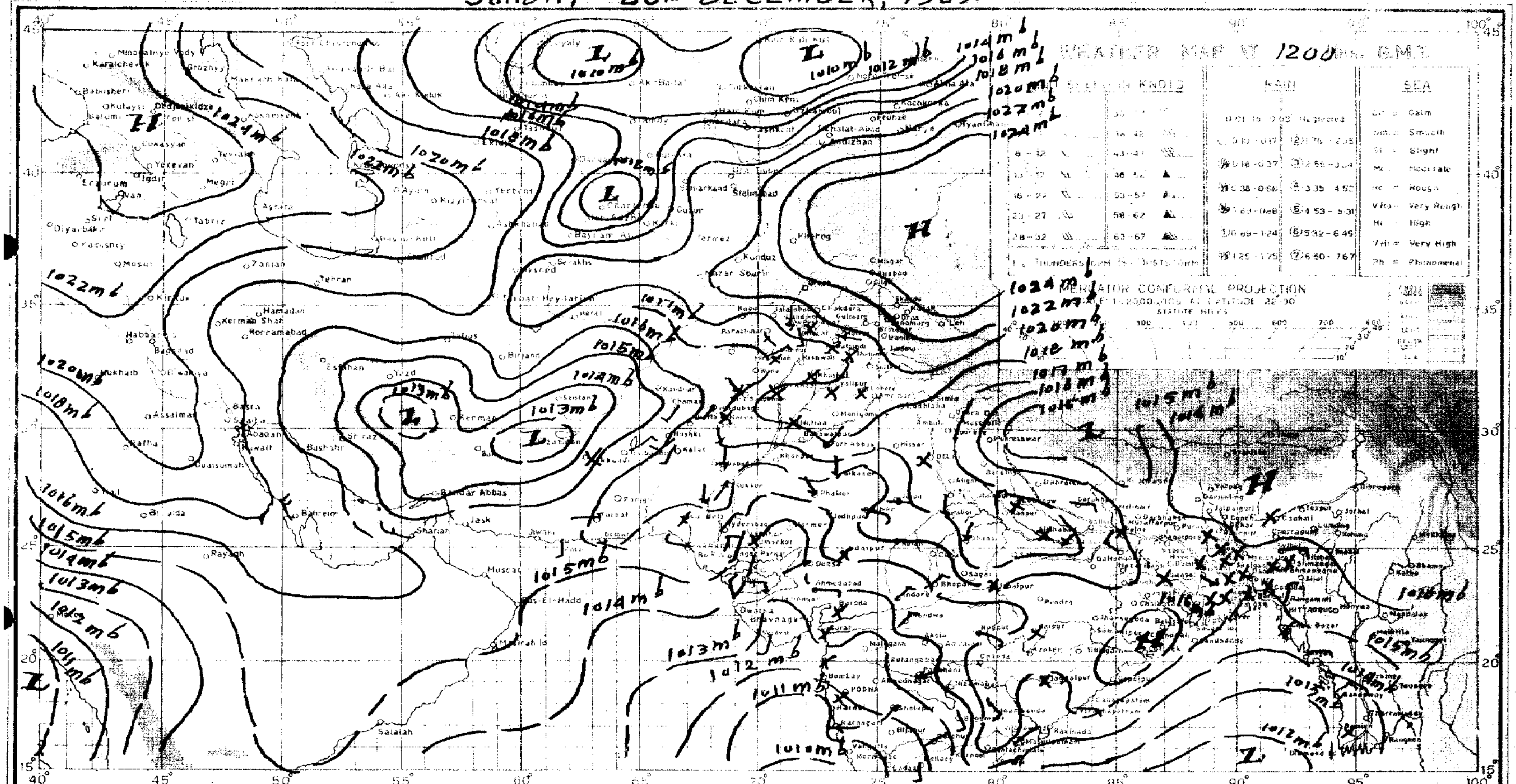
† The actual time of observations may vary within half an hour of the specified time.

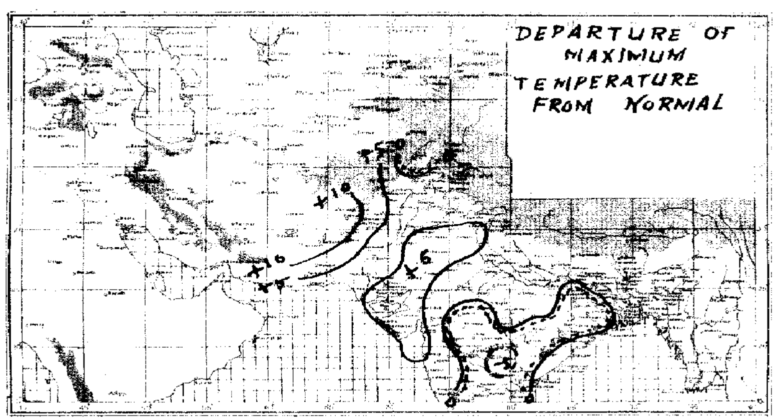
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

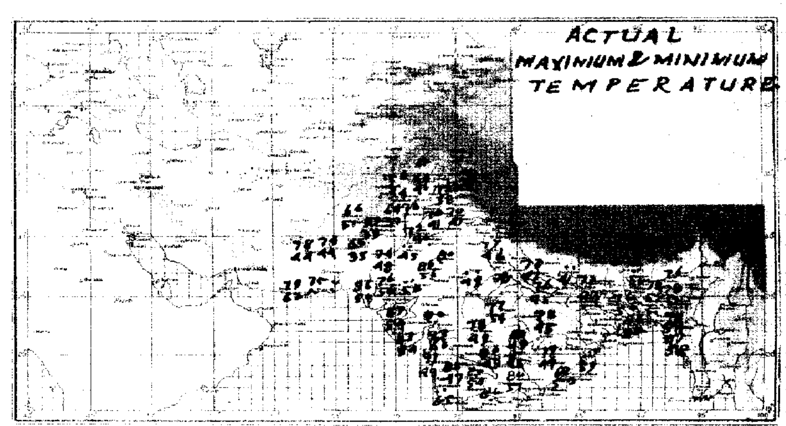
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 28th DECEMBER, 1969.





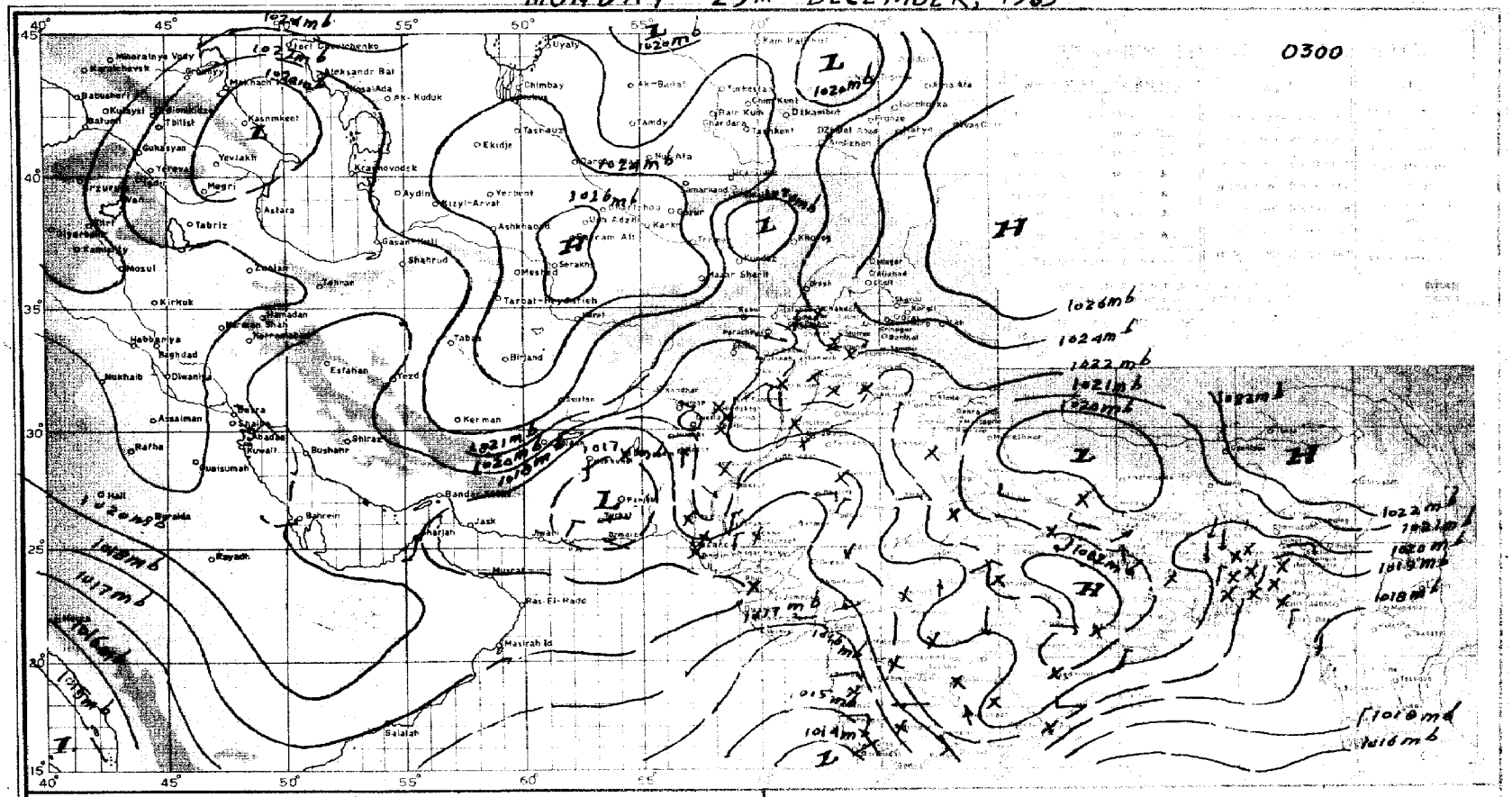


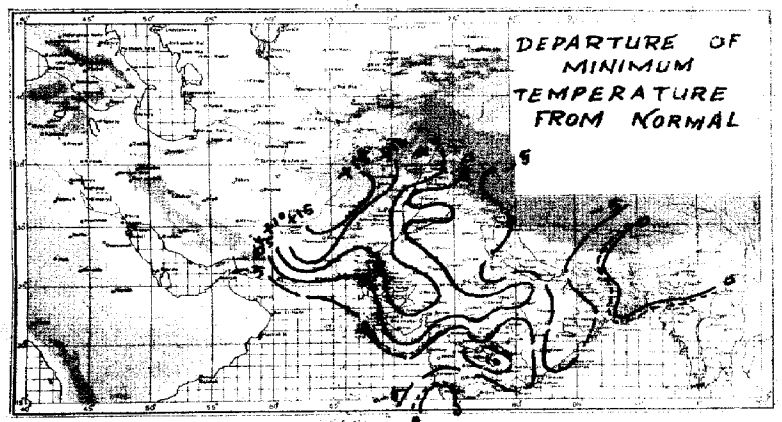
REG. No. 1024 RWXD'61-5000'63-5000'67.

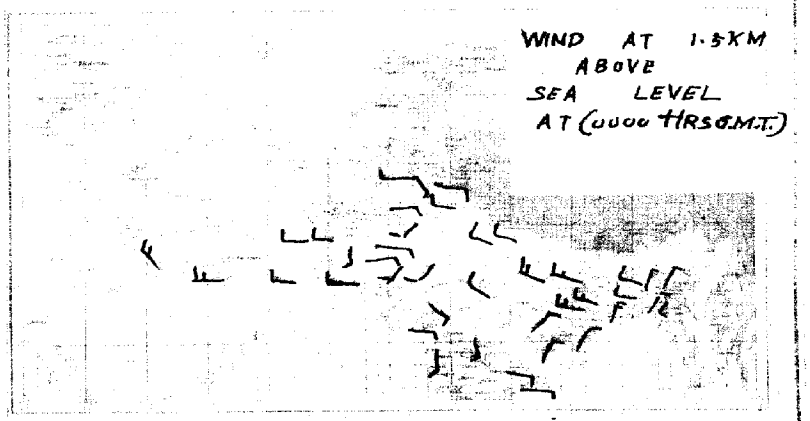
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

MONDAY 29th DECEMBER, 1969







MES. No. 1075 (1969-70)—5,000/69—5,000/67.

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 30th DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's secodanry western disturbance over southern divisions of west Pakistan is now moving away as a trough of low pressure across Rajasthan and adjoining west Pakistan. Its primary is moving away across east Russian Turkistan. A fresh western disturbance lies over southeast Iran. A few thunderstorms/light showers have occurred in Quetta and Kalat divisions. Light rain or drizzle have also been reported from a few places in Rawalpindi and Peshawar divisions. Weather remained dry elsewhere over the couutry.

Night temperatures were 9 – 11 °F (5 – 6 °C) above normal in Quetta division and 3—8 °F (2—4 °C) so in East Pakistan outside Dacca division and in west Pakistan outside Multan, Bahawalpur and D. I. Khan divisions and were 3—4 °E (2 °C) below normal in Rawalpindi division.

Forecast valid until the evening of 31st December 1969 :—A few falls of rain/snow over hills are likely to occur in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir. A few thunderstorms/showers are also likely to occur in Kalat divisions. Weather will be dry elsewhere over the country.

Karachi-11
The 30th December, 1969.

O B S E R V A T I O N S

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati —	000	0	1	36	02	//	01	0	164	72	1	1	7	0	0	54	78
	Cox's Bazar —	000	0	5	36	02	//	02	0	158	69	5	2	5	3	0	58	77
	Chittagong —	000	0	4	36	02	//	01	2	158	66	0	0	9	0	2	56	77
	Maijdee Court —	000	9	0	00	00	//	00	0	148	69	0	0	9	0	0	56	77
	Comilla —	000	0	0	00	00	96	02	0	155	75	0	0	9	0	0	54	80
	Brahmanbaria —	000	0	0	00	00	//	00	0	165	69	0	0	9	0	0	62	78
	Sylhet —	000	0	0	00	00	//	02	0	158	66	0	0	9	0	0	59	77
	Srimangal —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh —	000	0	0	00	00	//	00	0	159	66	0	0	9	0	0	56	77
	Narayanganj —	000	0	0	00	00	//	00	0	157	72	0	0	9	0	0	58	80
	Dacca (Tejgaon) —	000	0	1	23	02	96	02	0	171	69	/	0	9	4	0	52	77
	Faridpur —	000	0	0	00	00	//	//	/	154	66	0	0	9	0	0	59	75
Khulna	Barisal —	000	0	0	00	00	//	00	0	161	68	0	0	9	0	0	58	77
	Khulna —	000	0	0	00	00	97	00	0	153	73	0	0	9	0	0	60	82
	Satkhira —	000	0	0	00	00	95	00	0	168	60	0	0	0	0	0	56	77
	Jessore —	000	0	0	31	05	94	02	0	169	69	0	0	9	0	0	58	75
Rajshahi	Pabna —	000	0	0	00	00	//	02	0	162	72	0	0	9	0	0	56	78
	Sirajganj —	000	0	0	00	00	//	00	0	165	72	0	0	9	0	0	54	7/
	Rajshahi —	000	0	0	27	02	94	02	0	176	66	0	0	9	0	0	58	75
	Bogra —	000	0	0	00	00	//	02	0	165	66	0	0	9	0	0	56	78
	Dinajpur —	000	0	0	00	00	//	00	0	155	69	0	0	9	0	0	58	79
	Rangpur	000	0	0	00	00	96	01	0	135	60	0	0	9	0	0	56	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.) —	000	0	2	00	00	95	05	0	187	64	0	0	9	0	2	46	69
	Sialkot —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad —																	
	Rawalpindi —	000	0	7	00	00	98	02	1	193	60	7	4	7	0	0	43	//
	Campbellpur —																	
Sargodha	Khushab —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha —	000	0	7	00	00	96	04	1	186	60	2	5	6	3	0	56	69
	Lyallpur —	000	0	0	00	00	95	00	0	182	64	0	0	9	0	0	50	69
Multan	Sahiwal —	000	0	5	05	02	96	04	0	183	62	1	0	9	3	1	51	72
	Multan —	000	0	0	36	00	94	00	0	122	79	0	0	9	0	1	38	79
	Leiah —																	
Bahawalpur	Khanpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur —	000	0	0	00	00	95	00	0	175	72	0	0	9	0	0	43	75
	Fort Abbas —	000	0	0	05	02	98	00	0	146	//	0	0	9	0	0	45	//
Peshawar	Chakdra —	000	0	7	23	02	98	03	2	175	59	7	0	9	7	0	41	59
	Peshawar —	000	0	7	23	03	95	04	2	201	60	1	5	7	3	1	45	64
	Haripur —																	
D. I. Khan	Bannu —	000	0	6	13	01	98	02	2	184	66	3	1	7	6	0	40	68
	D. I. Khan —	000	0	6	03	00	97	02	0	193	64	0	0	9	0	0	52	66
Quetta	Sibi —	000	0	0	18	03	97	02	0	172	78	0	0	9	0	0	26	80
	Nokkundi —	000	0	3	18	03	97	02	0	137	70	3	6	6	0	0	27	71
Kalat	Turbat —	000	0	0	09	02	96	00	0	///	84	0	0	9	0	0	13	84
	Jiwani —	000	4	5	13	09	96	02	5	153	76	5	8	7	0	0	62	7
	Pasni —	060	0	4	11	02	97	02	0	763	79	0	4	9	0	0	70	78
Karachi division	Ormara —																	
	Lasbela —																	
	Karachi (Manora) —	000	0	3	23	03	97	03	0	155	75	0	0	9	0	1	57	81
	Karachi (Airport) —	000	0	0	00	03	96	01	2	154	79	0	0	9	0	1	54	82
Hyderabad	Nagarparker —	000	0	0	00	00	96	02	1	154	79	0	0	9	0	1	45	/
	Chhor —	000	0	3	34	05	97	03	0	169	74	1	0	9	3	1	49	79
	Hyderabad —	000	0	6	36	04	57	03	0	164	78	0	0	9	0	6	46	80
	Badin —																	
Khairpur	Padidan —	000	0	2	36	02	96	01	0	173	71	2	0	9	2	0	40	73
	Nawabshah —	000	0	3	31	09	96	01	0	174	72	3	5	9	0	0	54	74
	Sukkur —	000	0	6	13	02	95	05	4	159	74	6	0	9	6	0	45	75
	Kashmore —																	
	Jacobabad —	000	0	1	00	00	97	01	1	176	73	0	0	9	0	1	40	76
Junagadh	Veraval —																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	8	13	03	97	03	2	502	43	8	5	4	0	0	41	45
Peshawar	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat * ...	000	0	4	//	10	98	02	2	533	49	4	4	7	0	0	32	59
	Kakul * ...	000	0	7	01	02	95	05	2	538	52	4	7	6	3	0	28	56
	Landikotal * ...	000	0	4	36	05	98	01	4	422	52	4	3	9	0	0	49	58
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan*	Miranshah * ...	000	0	0	05	05	99	00	0	523	50	0	0	9	0	0	38	63
	Wana * ...																	
Quetta	Fort Sandeman * ...	000	0	6	36	02	97	03	0	519	52	4	4	7	3	:	32	53
	Hindubagh * ...	000	0	7	00	00	95	03	0	515	51	7	2	5	0	0	43	//
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	6	00	00	96	02	0	513	64	0	0	8	0	2	41	46
	Samungli (Quetta) * ...	000	0	5	00	00	96	03	1	412	58	5	5	6	0	0	42	50
	Chaman * ...	000	0	0	31	03	96	00	0	425	56	0	0	9	0	0	44	58
	Nushki * ...	000	0	3	27	03	97	02	0	561	65	0	0	9	0	2	39	71
	Dalbandin * ...	000	0	6	05	04	98	03	0	535	69	3	8	9	2	6	//	74
Kalat	Kalat * ...	000	0	0	23	02	96	00	2	510	52	0	0	9	0	0	33	60
	Khuzdar * ...	000	0	4	13	02	97	03	0	509	63	2	5	6	0	1	45	66
	Panjgur * ...																...	

At 0300 Hrs. G. M. T. of date

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)
Chittagong	Rangamati	000	5	3	31	22	98	01	4	214	64	0	0	9	0	4	56	58
	Cox's Bazar	000	0	4	05	06	95	02	0	185	62	0	0	9	0	2	56	59
	Chittagong	000	0	4	05	02	96	03	0	193	60	0	0	9	0	2	58	54
	Maijdee Court	000	9	0	00	00	97	00	0	121	68	0	0	9	0	0	56	54
	Comilla	000	0	0	00	00	96	00	0	184	62	0	0	9	0	0	58	60
	Brahmanbaria	000	0	3	36	02	96	03	1	155	69	0	0	9	0	4	60	54
	Sylhet	000	0	0	//	05	96	02	0	185	64	0	0	9	0	0	59	52
	Srimangal	000	0	0	00	00	96	00	0	191	58	0	0	9	0	0	54	40
Dacca	Mymensingh	000	0	0	00	00	97	00	0	202	64	0	0	9	0	0	50	52
	Narayanganj	000	0	0	31	07	97	00	0	177	62	0	0	9	8	0	58	56
	Dacca (Tejgaon)	000	0	1	31	02	96	05	0	148	62	0	0	9	0	1	56	54
	Faridpur	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
Khulna	Barisal	000	0	2	00	00	96	02	0	155	60	0	0	9	0	6	59	50
	Khulna	000	0	0	00	00	97	00	0	147	72	0	0	9	0	0	58	58
	Satkhira	000	0	1	36	02	97	00	0	203	64	/	/	/	/	/	52	54
	Jessore	000	0	0	36	07	96	02	4	119	62	0	0	9	0	0	54	50
Rajshahi	Pabna	000	0	0	31	05	98	02	0	193	60	0	0	9	0	0	52	56
	Sirajganj	000	0	0	36	01	98	00	0	199	64	0	0	9	0	0	54	54
	Rajshahi	000	0	0	31	02	97	02	0	200	60	0	0	9	0	0	54	54
	Bogra	000	0	0	36	02	96	02	0	94	62	0	0	9	0	0	54	54
	Dinajpur	000	0	0	00	00	94	00	0	202	64	0	0	9	0	0	54	50
	Rangpur	000	0	0	05	02	96	01	0	203	60	0	0	9	0	0	56	50
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	00	00	94	10	1	227	45	0	0	9	0	6	43	43
	Sialkot	000	0	0	00	00	97	00	0	130	64	0	0	9	0	0	43	51
Rawalpindi	Jhelum	001	6	4	05	02	96	01	6	225	49	1	5	7	3	1	40	40
	Islamabad																	
	Rawalpindi	000	0	7	00	00	95	02	2	231	45	3	0	9	4	8	38	45
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	97	06	0	217	40	0	0	9	0	0	36	38
	Sargodha	000	0	7	00	00	95	04	1	219	45	2	0	9	3	2	42	//
	Lyallpur	00	0	4	00	00	95	02	0	221	45	0	0	9	0	4	38	43
Multan	Sahiwal	000	0	5	00	00	96	04	1	226	46	0	2	9	3	4	40	43
	Multan	000	0	2	05	02	95	02	0	200	54	0	0	9	0	0	38	43
	Leiah	000	0	6	36	05	96	01	2	212	52	3	0	9	3	1	43	37
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	05	04	98	00	0	185	56	0	0	9	0	0	56	56
	Fort Abbas																	
Peshawar	Chakdra	000	0	5	05	02	98	01	2	222	45	5	0	9	3	0	38	43
	Peshawar	000	0	1	00	00	94	04	0	236	43	1	0	9	3	0	38	41
	Haripur																	
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	7	00	00	97	//	5	225	50	3	5	6	7	0	40 38	40
Quetta	Sibi	000	0	0	00	00	97	03	0	220	48	6	2	9	6	2	14	44
	Nokkundi	008	0	2	36	03	96	01	)	199	49	2	5	6	0	0		48
Kalat	Turbat	000	0	0	09	02	96	00	0	204	55	0	0	9	0	0	//	//
	Jiwani	009	0	5	36	05	96	02	2	152	65	5	9	6	0	0	62	64
	Pasni	000	0	5	11	08	97	01	0	187	69	0	3	9	2	0	67	//
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	3	05	03	96	03	0	184	63	0	6	9	0	/	45	62
	Karachi (Airport)	000	0	2	05	07	96	02	0	182	60	0	0	9	0	1	41	54
Hyderabad	Nagarparker	000	0	3	05	02	//	02	0	165	51	0	0	9	0	4	37	//
	Chhor	000	0	1	36	07	//	01	0	203	57	0	0	9	0	1	45	56
	Hyderabad	000	0	0	36	04	96	02	0	196	52	0	0	9	0	0	46	51
	Badin																	
Khairpur	Padidan	000	0	2	31	03	96	03	0	211	48	2	8	9	3	0	46	43
	Nawabshah	000	0	2	31	03	95	02	0	211	56	0	0	9	0	2	48	49
	Sukkur	000	2	4	05	05	95	05	4	209	56	4	0	9	6	0	43	59
	Kashmore																	
	Jacobabad	000	0	2	36	03	96	01	0	214	61	2	0	9	4	0	40	49
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	8	7	13	05	97	02	1	554	40	7	5	4	0	0	23	38
Peshawar	Drosh	000	0	0	00	00	97	02	0	558	38	0	0	9	0	0	//	35
	Cherat	000	0	0	36	16	58	00	0	541	46	0	0	9	0	0	28	45
	Kakul	000	0	7	36	02	97	02	2	553	46	3	5	6	4	0	.8	41
	Landikotal	000	0	0	36	02	98	02	4	606	40	0	0	9	0	0	30	28
	Parachinar	000	0	5	31	01	58	03	2	532	46	0	0	9	6	0	38	45
D.I. Khan*	Miranshah	000	0	4	05	05	59	02	0	526	44	4	9	0	0	0	30	40
	Wana																	
Quetta	Fort Sandeman	000	0	4	00	00	97	01	5	542	30	9	5	6	2	0	30	38
	Hindubagh	000	0	8	27	02	94	03	0	572	33	/	/	/	/	/	25	25
	Loralai																	
	Barkhan																	
	Harnai	000	0	6	00	00	96	02	0	518	48	0	0	7	0	6	37	47
	Samungli (Quetta)	000	0	5	00	00	96	02	2	549	39	5	5	1	0	0	32	39
	Chaman	000	0	0	09	03	96	00	0	578	47	0	0	9	0	0	43	45
	Nushki	000	0	7	00	00	97	03	0	576	52	0	4	9	3	2	26	50
	Dalbandin	082	6	2	00	00	98	01	9	521	49	2	0	9	3	0	43	43
Kalat	Kalat	001	3	7	27	00	96	02	8	550	36	2	6	9	3	0	31	29
	Khuzdar	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...
	Panjgur																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	1.6	—	102.4	—
	Cox's Bazar	— 1	+ 2	0.7	— 3.5	92.0	40
	Chittagong	0	— 1	1.2	— 1.6	105.7	106
	Maijdee Court	— 1	— 3	0.4	— 1.4	128.5	115
	Comilla	+ 3	+ 7	0.5	— 1.1	104.2	194
	Brahmanbaria	—	—	1.3	— 0.1	55.1	78
	Sylhet	—	—	1.5	—	149.7	—
	Srimangal		— 1	1.5	— 0.2	84.5	98
Dacca	Mymensingh	+ 7	— 1	0.3	— 0.7	77.5	91
	Narayanganj	+ 4	+ 1	—	—	—	74
	Dacca (Tejgaon)	—	—	1.3	—	66.0	—
	Faridpur	+ 1					71
Khulna	Barisal	+ 1	— 4	—		—	81
	Khulna	+ 5	+ 5	1.4	+ 0.1	75.5	60
	Satkhira	— 1	+ 3	0.2	— 1.7	61.7	65
	Jessore	—	—	1.1	— 0.0	62.5	65
Rajshahi	Pabna	—	—	1.0	—	66.3	59
	Sirajganj	0	+ 2	0.4	— 0.4	56.5	64
	Rajshahi	8	+ 3	—	—	—	—
	Bogra	+ 3	+ 1	1.3	+ 0.4	59.6	69
	Dinajpur	+ 1	+ 1	0.8	+ 0.3	96.5	72
	Rangpur	0	+ 1	1.5	+ 1.0	87.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 1	+ 4	0.0	— 0.5	18.0	19
	Sialkot		+ 10	0.0	— 0.9	11.5	32
Rawalpindi	Jhelum		—	0.1	—	31.2	—
	Islamabad						—
	Rawalpindi	—	+ 8	0.2	— 1.3	33.5	36
	Campbellpur						—
Sargodha	Khushab		— 2	0.0	— 0.5	7.8	18
	Sargodha	—	—	0.1	—	50.1	—
	Lyallpur	+ 2	+ 3	0.0	— 0.4	7.7	11
Multan	Sahiwal	+ 4	+ 2	0.0	— 0.4	11.3	10
	Multan	—	—	—	—	—	7
	Leiah		+ 4	0.3	— 0.1	1.4	8
Bahawalpur	Khanpur	+ 4					6
	Bahawalpur	/	—	0.0	—	0.9	6
	Fort Abbas						8
Peshawar	Chakdra	—	—	0.0	—	23.2	—
	Peshawar	0	+ 1	0.5	— 0.4	14.8	11
	Haripur						—
D. I. Khan	Bannu	—					11
	D. I. Khan	+ 7	+ 1	0.0	— 0.4	6.0	9
Quetta	Sibi	—	—	0.0	—	0.2	5
	Nokkundi	—	—	0.0	—	0.3	2
Kalat	Turbat	—	/	0.0	—	0.2	—
	Jiwani	—	—	0.0	—	2.0	5
	Pasni	+ 2	/	0.0	— 1.0	0.3	6
Karachi division	Ormara						6
	Lasbela						8
	Karachi (Manora)	+ 5	+ 4	0.0	— 0.3	1.1	8
	Karachi (Airport)	—	—	2.0	—	1.5	—
Hyderabad	Nagarparker	/	/	0.0	—	0.3	—
	Chhor	+ 1	+ 5	0.0	— 0.3	0.3	7
	Hyderabad	+ 3	+ 2	0.0	— 0.3	0.3	9
	Badin						—
Khairpur	Padidan	—	—	0.0	—	0.8	—
	Nawabshah	—	—	0.0	—	1.1	4
	Sukkur	—	—	0.0	—	0.1	—
	Kashmore						4
	Jacobabad	+ 4	+ 5	0.1	— 0.2	2.8	20
Junagadh	Veraval						26
	HILL STATIONS						
Kashmir	Srinagar						—
	Gulmarg						71
	Sonamarg						86
	Dras						3
	Leh						6
	Skardu						—
	Misgar						—
	Aliabad						9
	Gilgit						89
Rawalpindi	Murree	+ 1	+ 5	0.4	— 2.0	41.0	18
Peshawar	Drosh		+ 4	—	—	—	27
	Cherat	+ 8	+ 5	0.6	— 1.2	15.2	—
	Kakul	—	—	1.0	—	34.8	29
	Landikotal	—	—	0.7	—	13.6	13
	Parachinar		+ 16	0.6	—	22.2	
D.I. Khan*	Miranshah	—	—	0.0	— 0.7	2.0	11
	Wana						11
Quetta	Fort Sandeman	— 4	+ 9	0.0	— 0.7	6.5	—
	Hindubagh	/	—	0.2	—	6.4	9
	Loralai						
	Barkhan						14
	Harnai	—	—	0.0	— 1.0	5.6	9
	Samungli (Quetta)	—	—	—	—	—	8
	Chaman	+ 5	+ 11	0.0	— 1.5	0.5	—
	Nushki	—	—	0.0	—	2.6	4
	Dalbandin	+ 11	+ 11	0.0	— 0.7	0.5	7
Kalat	Kalat	+ 9	+ 3	0.0	— 1.1	2.2	—
	Khuzdar	—					—
	Panjgur						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When ever 939 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 30th DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_vV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	$OT_eT_eT_eT_e$	1$T_wT_wT_{wt}$T	3$P_wP_wH_wH_w$	d $d_wP_wH_wH$
1	2	3	4	5 6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0		hhh TTT, DD										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	010 140 14	...	500 130 50	144 056 50	582 101 49	749 331 35	954 369 56		...	...	...	...	...
Dacca	00 00	017 140 35	...	550 126 60	// /// //	591 117 63	758 241 62	962 391 61	230 159 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	015 144 57	...	500 050 //	065 021 //	566 215 //	728 295 //	927 431 //	...	...	...	...	...	...
Multan	00 00	006 078 30	...	508 064 00	050 041 //	572 141 //	739 195 //	949 271 //	236 251 //	...	...	...		
Peshawar	00 00	979 076 39	...	500 080 40	101 045 37	569 178 65	732 309 //	930 453 //	...	...	...	...		
Quetta	00 00	823 050 21	...	...	092 137 //	566 215 //	727 321 //	927 411 //	...	...	...	...		
Sargodha	00 00	997 104 61	...	530 094 59	112 085 60	// /// //	734 275 //	937 361 //	213 441 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_s DD								Max. Wind Speed	TROPOPAUSE	
										$P_mP_mP_m$ dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{ts}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 138 50	800 172 56	600 024 48	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 080 57	800 108 60	600 250 05	...	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 058 //	600 127 //	...	...	...	...	...	...	...	...	...
Sargodha	00 00		...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd ff)									At 0000 hrs. G.M.T.† of date (dd ff)						At 0600 hrs. G.M.T.† of date (dd ff)											
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal	320 10	320 08	335 07	310 04	275 08	275 10	...	...	...	010 10	050 85	/// //	330 10	295 12	285 09	360 08	010 10	350 09	330 10	315 13	275 13	300 22	290 29	250 39	...	...
Bogra	310 07	310 06	320 00	280 03	275 07	285 12	...	...	...	...	...	...	...	...	...	010 10	010 10	010 08	340 09	315 12	315 18	...	...	...	...	...
Chak'ala	...	045 03	090 02	115 06	130 07	165 17	235 30	...	...	...	275 05	080 05	090 09	190 04	245 08	...	220 04	095 04	115 06	130 02	245 9/	275 12	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	035 19	025 06	035 02	230 07	205 //	130 17	005 03	035 10	040 09	045 06	065 04	190 03	255 07	225 14	235 18	...	...
Chittagong	290 13	290 06	025 05	185 06	215 07	280 08	...	...	...	...	...	...	...	...	...	235 50	005 01	075 02	210 05	265 08	240 17	285 26	275 49	280 35	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	325 13	330 12	010 05	320 07	285 02	305 10	...	...	...	010 15	010 15	010 10	295 02	265 04	240 07	005 11	010 08	020 06	055 01	270 03	285 05	285 09	...	...	...	...
Dacca	290 05	805 05	330 05	020 04	295 03	260 06	...	...	...	...	...	...	...	...	...	330 08	345 06	345 05	300 03	290 07	290 18	300 40	280 47	280 46	...	...
Dalbandin	...	...	280 02	280 04	235 10	210 10	265 25	...	...	...	...	/// //	105 12	195 11	335 09	...	...	100 07	150 05	170 04	210 11	265 25	275 33	290 82	...	...
D. I. Khan	310 02	355 05	010 06	015 04	300 01	260 05	...	...	...	325 02	345 03	345 04	010 07	020 09	250 20	315 03	055 06	065 08	050 04	025 02	205 03	235 19	235 20	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	255 10	195 06	255 12	...	...	...	...	...	...	045 01	040 06	220 18	...	...	...	000 00	195 04	220 13	230 17	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	115 02	075 02	045 03	090 05	310 04	195 09	250 19	255 29	270 34	040 07	030 06	030 08	085 07	265 04	270 04	195 06	185 04	210 10	250 06	200 33	255 05	045 04	060 29	060 39	...	...
Jacobabad	325 08	325 06	320 08	320 07	325 08	305 10	...	...	...	360 17	360 13	360 12	315 12	331 //	300 13	...	...	...	...	...	...	...	...	...	...	...
Jhelum	200 03	320 04	270 03	190 12	175 10	...	235 30	...	...	295 15	300 9/	035 02	105 04	135 03	240 15	250 06	340 04	360 05	145 04	195 05	265 03	240 23	250 49	255 63	...	...
Jiwani	170 06	190 03	195 04	220 10	240 17	240 18	295 19	...	...	190 08	215 09	210 07	185 05	...	...	080 05	205 03	220 06	150 8/	251 0/	185 12	230 13	...	...	...	...
Karachi	160 02	055 05	050 07	350 03	240 03	250 12	260 25	250 27	255 39	...	...	...	...	...	...	050 17	085 09	080 04	235 03	195 05	246 07	265 07	270 36	270 49	...	...
Khanewal	025 11	035 10	300 08	170 07	105 07	235 12	255 17	270 21	280 22	045 18	040 14	045 17	050 11	010 21	160 14	030 20	050 07	050 31	100 12	125 05	203 9/	200 19	205 21	210 23	...	...
Khuzdar	...	...	...	115 14	125 04	255 11	270 19	250 21	270 36	...	...	...	140 04	175 06	215 13	...	...	...	290 02	265 05	...	...	...	...	...	...
Lahore	315 05	315 08	315 09	290 10	265 06	230 06	265 10	240 16	220 15	390 07	320 10	310 09	345 11	360 07	345 07	015 04	345 05	/// //	285 05	290 09	265 09	265 08	245 07	240 13	...	...
Multan	040 01	025 20	025 20	080 06	205 07	245 15	220 24	255 29	250 47	015 10	005 10	035 05	220 03	230 10	190 16	050 14	020 20	025 30	025 16	080 02	172 13	170 19	200 30	200 27	...	...
Nawab Shah	360 09	080 05	110 01	260 07	265 08	270 06	270 27	260 40	250 48	020 14	360 17	355 17	210 02	205 08	240 11	020 11	020 14	020 13	360 03	235 08	245 11	260 29	...	...	...	...
Nokkundi	...	...	150 04	210 03	230 07	250 13	...	...	...	...	...	065 05	185 05	123 16	...	...	...	115 06	175 05	180 07	250 12	240 09	245 15	265 17	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	205 02	231 09	235 17	...	...	...	230 09	265 16	275 22	250 25	240 32	...	...	...
Peshawar	...	345 08	051 01	030 09	085 04	190 10	120 59	...	...	...	105 07	310 12	330 06	331 06	225 15	...	120 03	330 07	250 18	255 9/	240 25	265 19	...	240 27	...	...
Parachinar	...	...	...	300 3/	350 4/	...	...	...	...	...	...	...	280 06	245 14	...	...	...	...	135 03	230 03	240 27	250 24	...	250 61	...	...
Quetta	...	...	...	...	325 04	220 15	...	...	...	...	...	...	...	...	...	...	...	...	...	140 08	280 05	...	...	...	...	...
Sargodha	305 03	010 03	005 08	320 03	235 08	...	...	...	...	340 02	325 07	320 06	300 07	280 09	250 09	020 05	029 05	025 03	100 04	285 05	235 08	240 14	...	...	...	...
Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	380 04	325 02	360 03	110 03	215 07	265 15	...	...	...	075 08	070 05	100 07	220 02	255 10	280 21	115 04	075 03	075 10	195 07	055 05	220 20	290 41	290 51	...	...	...
Varsavi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	025 15	075 14	175 12	175 11	260 09	260 11	260 22	255 35	245 19	...	...	...	...	...	...	...	...	
Multan																		
Peshawar																		
Quetta																		
Sargodha																		

Cloud observation Data (Hhi Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(height)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_s—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

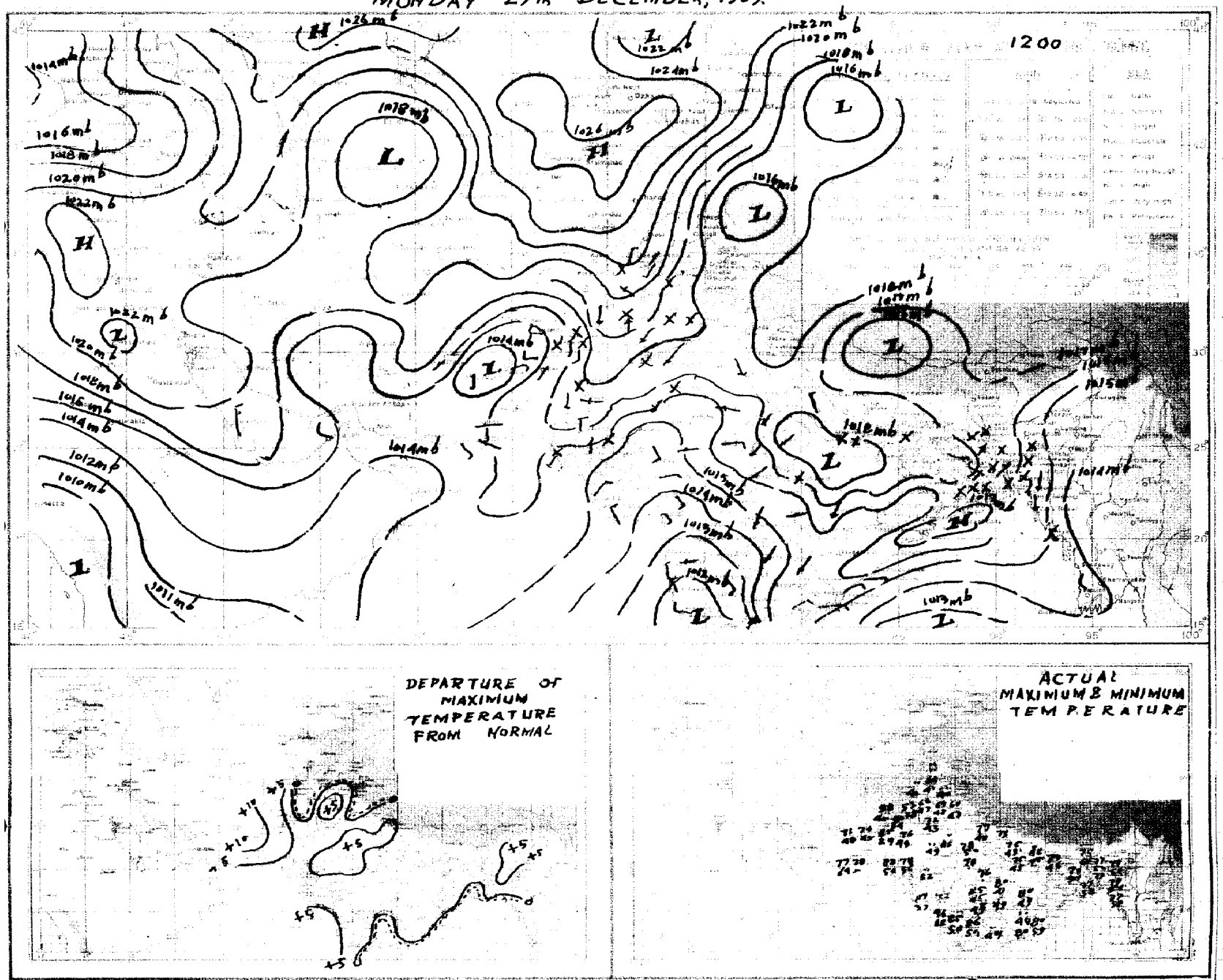
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

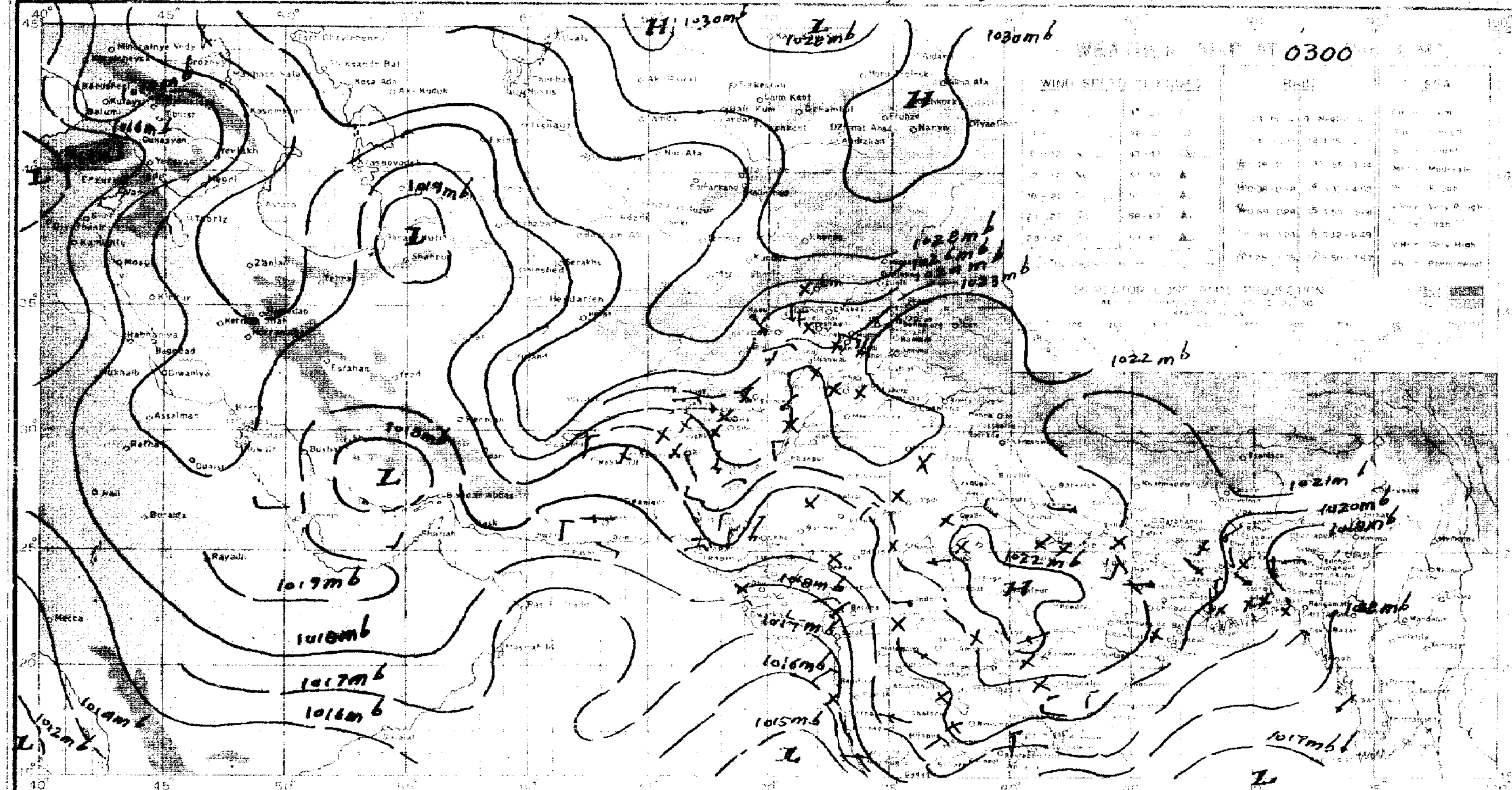
MONDAY 29th DECEMBER, 1969.

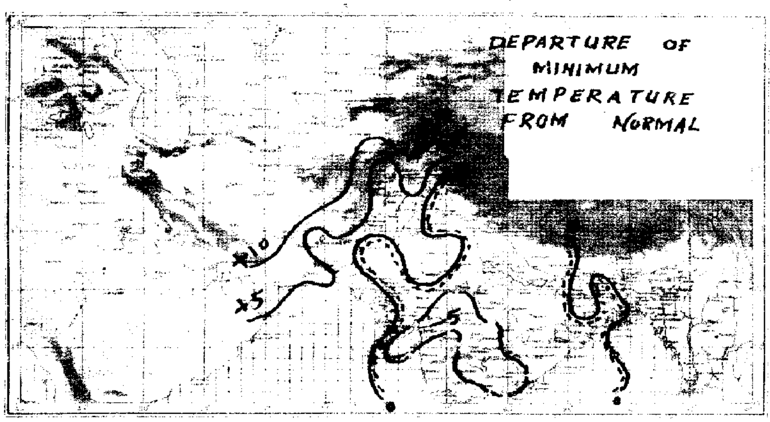


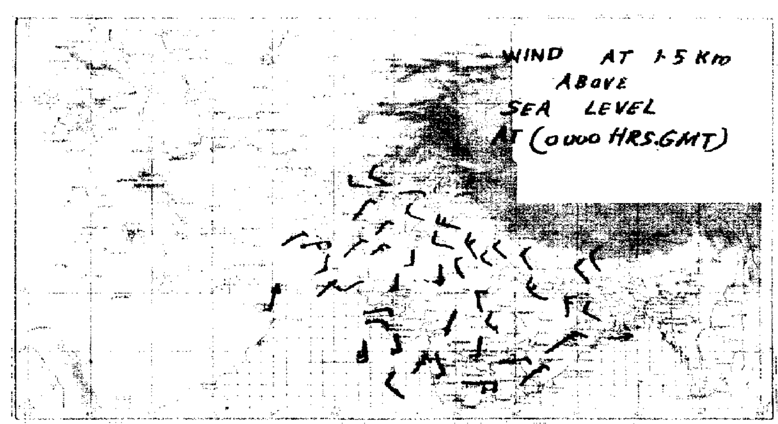
REG. No. 1074 RWK 961-5000'65-5000'67.
PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th DECEMBER, 1969







REG. No. 1024 R.W.X.C.'61-5000'63-5000'67

PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 31st DECEMBER 1969.

Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's trough of low pressure over Rajasthan and adjoining west Pakistan is now moving away across Kashmir and adjoining areas. The western disturbance now lies over Kalat division and adjoining southeast Iran. Rain thundershowers have been scattered in Quetta and Kalat divisions. Jiwani recorded ¾" of rain. Weather remained mainly dry elsewhere over the couutry.

Night temperatures were 3—7 °F (2—4 °C) below normal in Chittagong division and were 7—11 °E (4—6 °C) above normal in Bahawalpur, Peshawar, Quetta, Kalat and Khairpur divisions and 3—6 °F (2—3 °C) elsewhere in the country outside Dacca, Multan and D. I. Khan divisions.

Forecast valid until the evening of 1st January 1970 :—Thunderstorm/showers will be scattered in Kalat division. A few falls of rain/snow are likely in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir. Weather will remain mainly dry elsewhere over the country.

Karachi-11
The 31st December, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud 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)	Amounts of Lowest Cloud † (h)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st November, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	—	000	0	1	36	02	//	01	0	157	73	0	1	7	0	0	54	77	000	7	2	36	05	98	01	4	204	64	1	1	7	0	4	58	58	—	—	1.6	—	102.4	—
	Cox's Bazar	—	000	0	3	31	06	//	02	0	157	70	0	0	9	3	4	58	73	000	7	3	27	06	96	02	0	186	//	0	0	9	1	2	//	49	— 5	— 7	0.7	— 3.5	92.0	40
	Chittagong	—	000	0	3	10	00	//	02	0	158	70	0	0	9	0	0	58	77	000	0	4	00	00	96	03	0	191	62	0	0	9	0	1	59	54	0 —	— 1	1.2	— 0.6	105.7	106
	Maijdee Court	—	000	9	0	00	00	//	00	0	148	70	0	0	9	0	0	56	77	000	9	0	00	00	97	00	0	191	65	0	0	9	0	0	59	54	— 1	— 3	0.4	— 1.4	118.5	112
	Comilla	—	000	0	0	00	00	96	02	0	145	77	0	0	9	0	0	54	86	000	0	0	00	00	96	00	0	184	64	0	0	9	0	0	//	60	+ 9	+ 7	0.5	— 1.1	104.2	114
	Brahmanbaria	—	000	0	0	00	00	//	08	1	160	70	0	0	9	0	0	64	78	000	0	4	00	00	96	03	1	192	65	0	0	9	0	4	59	54	—	—	1.3	— 0.1	55.9	78
	Sylhet	—	000	0	0	27	05	//	02	0	148	68	0	0	9	0	0	58	77	000	0	3	09	00	97	03	0	194	64	0	0	9	3	1	58	51	—	—	1.5	—	149.7	—
	Srimangal	—	000	0	0	00	00	//	00	0	161	59	0	0	9	0	0	56	77	000	0	0	00	00	96	00	0	154	58	0	0	9	0	0	56	43	— 3	— 4	1.5	— 0.1	84.5	98
Dacca	Mymensingh	—	000	0	0	00	00	//	00	0	160	67	0	0	9	0	0	56	77	000	0	0	00	00	97	01	1	202	65	2	0	7	2	0	54	//	+ 1	—	0.3	— 0.7	77.5	91
	Narayanganj	—	000	0	0	31	02	//	00	0	155	72	0	0	9	0	0	67	80	000	0	0	31	02	97	00	0	167	60	0	0	9	0	0	56	56	+ 4	+ 1	—	—	—	—
	Dacca (Tejgaon)	—	000	0	1	00	00	96	02	0	161	70	0	0	9	0	1	56	78	000	0	4	00	00	96	05	0	195	60	0	0	9	0	1	56	54	—	—	1.3	—	66.0	74
	Faridpur	—	000	0	0	00	00	93	02	0	168	73	0	0	9	0	0	56	76	000	0	0	00	00	96	00	0	195	65	0	0	9	0	0	56	54	+ 2	+ 2	—	—	—	—
Khulna	Barisal	—	000	0	0	00	00	//	02	0	160	70	0	0	9	0	2	60	76	000	0	3	36	02	97	03	0	194	60	0	0	9	0	5	58	50	0	— 4	—	—	—	71
	Khulna	—	000	0	0	00	00	97	20	0	168	72	0	0	9	0	0	70	81	000	0	0	00	00	97	00	0	158	75	0	0	9	0	0	58	58	+ 5	+ 5	1.4	+ 0.1	75.5	81
	Satkhira	—	000	0	0	00	00	95	00	0	166	68	0	0	9	0	0	59	79	000	0	0	36	05	97	00	0	156	65	0	0	9	0	0	54	54	+ 1	+ 3	0.2	— 1.7	61.7	68
	Jessore	—	000	0	0	33	03	97	02	0	165	70	0	0	9	0	0	56	76	000	0	2	34	05	96	05	0	200	60	0	0	9	0	0	56	50	—	—	1.1	— 0.0	61.5	65
Rajshahi	Pabna	—	000	0	0	00	00	//	02	0	159	68	0	0	9	0	0	58	78	000	0	3	31	02	96	01	0	203	60	0	0	9	0	1	56	54	—	—	1.0	—	66.3	59
	Sirajganj	—	000	0	0	36	01	//	00	0	155	73	0	0	9	0	0	56	77	000	0	1	36	01	98	03	0	///	64	2	2	0	7	4	54	54	+ 2	+ 2	0.4	— 0.4	56.5	84
	Rajshahi	—	000	0	0	27	02	94	02	0	178	67	0	0	9	0	0	56	73	000	0	1	31	02	97	01	1	209	62	0	0	9	2	0	54	54	— 2	+ 3	—	—	—	—
	Bogra	—	000	0	0	31	02	//	05	0	156	70	0	0	9	0	0	56	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					
	Dinajpur	—	000	0	0	00	00	//	00	0	151	68	0	0	9	0	0	56	77	000	0	0	00	00	96	01	0	205	59	7	//	/	/	/	54	49	+ 2	0	1.5	+ 1.0	87.5	69
	Rangpur	—	000	0	0	00	00	96	01	0	150	58	1	0	9	1	0	51	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					73
Kashmir	Jammu	—																																								84
Lahore	Lahore (Jail Rd.)	—	000	0	3	27	02	95	01	1	189	67	2	0	9	3	1	41	72	000	0	2	00	00	94	10	0	223	45	0	0	9	3	0	43	43	+ 2	+ 4	0.0	— 0.5	//	—
	Sialkot	—	000	0	0	00	00	//	00	0	175	68	0	0	9	0	0	45	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					19
Rawalpindi	Jhelum	—	000	0	5	31	02	97	03	1	181	67	1	5	7	3	0	49	73	000	0	3	03	00	95	05	1	219	69	0	0	9	0	1	38	47	—	—	0.1	—	31.2	83
	Islamabad	—																																								—
	Rawalpindi	—	000	0	7	00	00	98	02	1	192	63	1	9	2	6	3	//	70	000	0	0	00	00	96	00	0	234	40	0	0	9	0	0	38	40	+ 4	+ 3	0.2	— 1.4	33.6	36
	Campbellpur	—																																								—
Sargodha	Khushab	—	000	0	0	00	//	97	02	2	189	67	4	5	8	4	4	51	72	000	0	0	00	//	97	06	0	221	45	0	0	9	0	0	30	40	— 4	0	0.0	— 0.5	7.8	18
	Sargodha	—	000	0	3	23	02	96	04	1	189	70	2	0	9	3	1	59	73	000	0	3	27	03	96	04	0	218	44	1	0	9	3	1	41	43	—	—	0.1	—	80.1	
	Lyallpur	—	000	0	4	30	42	95	00	0	190	70	0	0	9	0	4	45	72	000	0	3	00	00	95	02	0	220	47	0	0	9	0	3	38	45	+ 5	+ 5	0.0	— 0.4	7.7	13
Multan	Sahiwal	—	000	0	0	00	00	97	02	0	193	70	0	0	9	0	0	40	72	000	0	0	00	00	96	04	0	227	45	0	0	9	0	0	39	41	+ 4	0	0.0	— 0.5	11.3	18
	Multan	—	000	0	0	00	00	94	00	0	122	72	0	0	9	0	0	41	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Leiah	—																																								9
Bahawalpur	Khanpur	—	000	0	0	05	03	96	02	0	183	70	0	0	9	0	0	54	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					6
	Bahawalpur	—	000	0	0	00	00	96	00	0	187	70	0	0	9	0	0	45	72	000	0	0	00	00	96	00	0	221	51	0	0	9	0	0	40	47	+ 1	+ 7	—	—	—	6
	Fort Abbas	—	///	/	0	05	00	98	00	0	149	76	0	0	9	0	0	36	76	000	0	0	00	00	98	00	0	188	56	0	0	9	0	0	38	51	—	—	0.0	—	0.9	8
Peshawar	Chakdara	—	000	0	1	27	03	97	01	1	184	63	1	1	7	0	0	41	63	000	0	0	05	01	99	02	0	236	38	0	0	9	0	0	33	38	—	—	0.0	—	23.2	—
	Peshawar	—	000	0	7	00	00	97	03	0	200	64	0	0	9	3	0	43	68	000	0	0	13	03	94	04	0	238	43	0	0	9	0	0	35	41	+ 4	+ 1	0.5	— 0.3	14.8	11
	Haripur	—	000	0	0	23	03	98	00	0	203	63	0	0	9	0	0	45	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
D. I. Khan	Bannu	—	000	0	6	20	01	98	04	5	209	67	6	2	7	0	0	49	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	—	000	0	7	00	00	97	//	6	196	63	3	3	6	3	0	49	64	000	0	0	00	00	97	02	0	225	47	0	0	9	0	0	38	40	+ 5	+ 1	0.0	— 0.4	6.0	9
Quetta	Sibi	—	000	0	8	23	02	97	03	1	192	70	6	3	9	6	5	70	72	000	0	2	00	00	97	03	1	229	47	0	2	9	2	0	56	45	—	—	0.0	—	0.2	5
	Nokkundi	—	000	0	0	00	00	97	02	0	133	71	0	0	9	0	0	21	73	000	0	3	05	07	96	03	0	177	53	3	0	9	1	0	17	48	—	—	0.0	—	0.3	3
Kalat	Turbat	—	000	0	0	09	02	96	00	0	001	80	0	0	9	0	0	25	80	000	0	0	09	02	96	00	0	008	62	0	0	9	0	0	53	62	—	—	0.0	—	0.3	—
	Jiwani	—	000	0	5	11	10	96	02	0	161	75	3	0	6	3	0	61	7	000	0	7	09	02	96	02	1	154	66	4	0	5	0	1	63	64	—	—	0.0	—	2.0	—
	Pasni	—	000	0	5	11	02	97	02	0	179	77	0	3	9	2	0	//	76	000	0	6	29	06	97	02	0	198	64	4	0	9	2	0	62	23	+ 2	—	0.0	— 0.6	0.3	5
Karachi division	Ormara	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	0	4	00	00	98	00	0	197	57	0	0	8	0	0	51	48	—	—	—	—	—	6
	Lasbela	—	000	0	2	04	02	97	02	0	162	79	0	0	9	0	1	51	84	000	0	0	05	07	96	02	0	196	64	0	0	9	0	0	45	64	+ 8	+ 6	0.0	— 0.3	1.1	8
	Karachi (Manora)	—	000	0	3	09	02	96	02	0	162	80	0	0	9	0	1	44	82	000	0	0	00	00	96	02	0	203	57	0	0	9	0	0	45	55	—	—	0.0	—	1.5	—
	Karachi (Airport)	—																																								—
Hyderabad	Nagarparkar	—																																								—
	Chhor	—	...	...	1	36	03	...	...	...	177	73	1	0	9	8	0	49	76	000	0	1	36	02	96	03	0	199	51	0	0	5	0	1	37	48	—	—	0.0	—	0.3	7
	Hyderabad	—	000	0	1	36	03	97	02	0	154	7	0	0	9	0	0	45	8-	000	0	0	36	05	96	05	0	212	57	0	0	9	0	0	49	56	+ 1	+ 5	0.0	— 0.6	0.3	9
	Badin	—	000	0	0	36	00	97	02	0										000	0	0	36	02	96	02	0	185	54	0	0	9	0	0	43	51	+ 3	+ 2	0.0	— 0.3	0.3	—
Khairpur	Padidan	—	000	0	1	36	07	96	01	0	180	71	1	0	9	3	0	49	74	000	0	2	00	/	96	02	0	221	47	0	0	9	0	1	43	45	— 0	—	0.0	—	0.8	—
	Nawabshah	—	000	0	2	31	10	96	03	0	184	73	0	0	9	0	0	56	75	000	0	1	31	05	96	03	0	218	49	0	0	9	0	1	42	48	—	—	0.0	—	1.1	4
	Sukkur	—	000	0	6	13	03	95	05	4	171	74	6	0	9	6	0	45	75	000	2	6	05	05	95	05	4	221	56	6	0	9	6	0	56	52	—	—	0.0	—	0.1	—
	Keshmore	—																																								4
	Jacobabad	—	000	0	1	36	02	97	02	0	187	72	1	0	9	3	0	44	//	000	0	3	00	00	96	03	0	221	54	0	0	9	5	0	42	51	+ 7	+ 7	0.1	— 0.2	2.9	20
Junagadh	Veraval	—																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	** ...																																								84
	Sonamarg	** ...																																								3
	Dras	** ...																																								6
	Leh	* ...																																								—
	Skardu	* ...																																								8
	Misgar	* ...																																								39
	Aliabad	* ...																																								18
	Gilgit	* ...																																								—
Rawalpindi	Murree	* ...	000	0	6	05	08	97	02	1	545	43	4	5	5	0	5	27	51	000	0	0	27	05	//	02	1	557	38	3	5	4	4	0	20	//	+ 5	—	0.4	—	41.0	19
Peshawar	Drosh	* ...																																								39
	Chitral	* ...	000	0	3	34	10	96	03	0	544	50	3	4	9	0	0	38	54	000	0	0	31	06	98	00	0	557	47	0	0	9	0	0	29	47	+ 3	+ 7	0.6	— 1.3	15.2	19
	Kakul	* ...	000	0	1	31	02	95	05	1	542	56	1	2	5	0	0	20	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Landikotal	* ...	000	0	0	05	05	98	03	0	618	49	6	6	6	/	/	42	56	000	0	0	36	02	98	02	0	612	43	0	0	9	0	0	14	30	—	—	0.7	—	13.6	29
	Prachinar	* ...																																								13
D.I. Khan*	Miranshah	* ...	000	0	0	00	00	98	01	0	552	58	0	0	9	0	0	58	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana	* ...																																								11
Quetta	Fort Sandeman	* ...	000	0	4	//	02	98	01	1	578	55	8	0	7	3	/	32	56	000	0	1	09	02	97	01	1	546	38	0	0	9	1	0	30	36	— 1	+ 7	0.0	— 0.7	6.5	—
	Hindubagh	* ...	000	0	8	23	02	92	03	0	493	52	0	7	4	0	0	30	58	000	0	7	27	02	95	03	0	559	47	7	7	6	0	0	45	26	—	—	0.2	—	6.4	9
	Loralai	* ...																																								14
	Barkhan	* ...																																								9
	Harnai	* ...	000	0	8	00	00	96	02	0	512	61	0	0	7	0	0	41	61	000	0	0	00	00	96	02	0	528	47	0	0	9	0	0	40	41	—	—	0.0	— 1.0	5.6	8
	Samungli (Quetta)	* ...	000	0	0	33	03	96	03	1	562	58	0	0	9	3	0	40	51	000	0	1	00	00	99	02	0	555	40	1	5	6	0	0	28	37	—	—	—	—	—	4
	Chaman	* ...	000	0	0	27	03	97	00	0	415	56	0	0	9	0	0	44	60	000	0	1	09	01	96	00	0	524	47	0	0	9	0	0	45	45	+ 7	+ 11	0.0	— 1.6	0.5	—
	Nushki	* ...	013	1	8	07	03	97	03	6	563	57	3	4	5	/	/	38	67	013	0	0	07	06	97	02	0	569	53	0	0	9	0	0	32	52	—	—	0.3	—	2.7	4
	Dalbandin	* ...	000	0	2	00	00	98	03	0	531	69	0	0	9	3	0	42	71	000	0	7	05	02	98	03	1	518	46	0	0	9	0	7	37	43	+ 8	+ 11	0.0	— 0.7	0.5	7
Kalat	Kalat	* ...	000	0	0	23	02	96	00	2	526	49	0	0	9	0	0	39	60	000	0	0	18	02	98	00	0	555	36	0	0	9	0	0	36	35	+ 8	+ 9	0.0	— 1.1	2.2	—
	Khuzdar	* ...	000	0	4	//	//	97	02	0	515	60	4	5	6	0	0	40	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Panjgur	* ...																																								—

† Given in Code.

* These stations report for 99P, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for 99P, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

When over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 31st DECEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\,t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 19	10 6 92	30 8 13	13 4 16	98 0 20	16 9 25	11 5 00		73 1 12		05 1 09		30 2 02	36 4 02
Dindela	99 2 97	10 5 98	30 0 04	21 9 03	99 0 11	20 2 24	13 4 98	34 1 10	...		05 4 10	12 6 02	30 0 00	...
Dwarka	99 2 //	10 6 82	30 1 23	18 4 10	98 8 20	15 2 24	10 3 00	...	73 5 00		06 1 16	--	30 2 01	...
Dwarka	99 2 36	10 6 74	30 1 03	03 6 14	98 0 20	17 0 24	00 9 00	...	73 1 14		05 1 16	...	30 2 02	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o\,T_oT_oT_o\,D_oD_o$)	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	013 138 1/	...	490 158 57	165 098 37	587 187 58	756 203 57	944 321 56	236 548 //	...	...	...	...	—
Dacca ...	00 00	016 170 57	..	500 156 69	165 078 72	584 105 71	752 221 71	9.8 357 60	228 157 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	017 130 48	...	600 064 42	101 010 //	573 125 //	740 211 //	946 335 //	219 491 //	...	...	...	...	—
Multan ...	00 00	906 360 20	...	500 134 56	/// /// //	574 231 //	733 317 //	...	..		..	...		
Peshawar ...	00 00	979 070 50	...	486 084 //	089 049 //	567 2/1 0/	731 26/ //	...	...	...	—	...		
Quetta ...	00 00	024 028 14	...		094 043 //	568 203 //	731 281 //	933 303 //	...	...	...	...	—	—
Sargodha ...	00 00	997 074 56	...	470 040 25	052 051 56	724 311 //	933 42 //	...	—	...	—	..	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed ($P_mP_mP_m$ d_md_m $f_mf_mf_m$)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{st}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	990 161 50	800 142 57	600 014 56	...	...	...	...	...	...	...	—	—
Dacca ...	00 00	900 136 62	800 128 69	600 002 68	...	...	...	...	...	...	...	—	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	—	...	—	...	...	...	...	—	...	—
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...		...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 026 //	600 091 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00		...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.* † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	035 07	035 06	035 06	030 04	100 12	350 15	360 31	—	360 31	360 10	360 08	345 08	305 10	285 7/	270 13	340 07	345 08	335 0/	325 06	300 10	270 16	265 26	260 36	260 41	...	...
Bogra ...	320 06	335 05	335 06	295 10	290 19	265 23	...	...	—	350 15	360 12	010 11	360 17	300 20	360 13	330 04	340 15	345 11	345 12	320 11	290 26	280 47		...	...	...
Chaklala —	...	280 12	280 04	351 85	310 03	335 02	...	—	...		/15 03	355 05	395 8/	/70 05	245 11	...	265 00	315 05	335 02	280 03	145 84	245 10	280 13	290 21	...	...
Chhor —	005 05	010 06	010 06	025 06	045 05	065 06	305 10	285 18	290 24	035 20	029 23	015 21	135 05	290 56	290 10	060 16	050 20	/// //	010 10	310 03	300 07	280 32	285 32	280 27	...	...
Chittagong —	305 08	335 04	035 04	180 07	285 04	265 19	...	...	—	—	...	...	...	...	...	250 04	240 03	220 02	155 03	170 09	180 17	150 19	165 41	150 41	...	—
Cherat ...	...	...		—		—	..	—	...	...			—		...	...		...	...	...	...	...	...	...	...	...
Cox's Bazar —	310 09	310 06	025 01	085 01	095 01	180 05	...	...	...	015 17	015 17	015 15	040 05	190 04	280 06	200 01	200 01	240 01	270 03	290 05	300 05	280 17	...	280 23	...	...
Dacca —	290 06	290 04	355 03	305 10	295 12	260 19	...	...	...	315 06	005 06	305 05		295 12	...	325 04	330 03	330 06	300 07	295 13	270 18	245 24	265 37	255 49	—	...
Dalbandin —	...	...	140 03	235 04	230 10	215 14	255 16	265 97	265 31	...	...	095 04	190 15	195 07	210 07		...	175 07	180 10	195 14	225 20	235 17	225 20	...	—	...
D. I. Khan —	350 04	360 06	340 06	250 80	260 06	320 07	—	—	...	285 04	335 03	355 01	0.5 (1	240 02	205 05	030 01	034 02	245 01	245 02	230 03	245 07	285 11	295 19	290 24	...	...
Drosh ...	...	..	...	190 03	225 2/	..	345 02	...	...	...	—	...	009 00	290 01	025 05	—	...	—	...	—	...	...	...	...	...	...
Fort Sandeman —	—	—	...	080 08	185 07	250 18	...	...	...	...	...	...	025 02	045 03	265 08	...	...	-	260 03	220 04	205 10	230 14	255 14	275 41	...	..
Gilgit ...	—	...	...	...	—	...	—	...	...	...	...	...	270 04	210 02	170 12	...	-	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	—	—	...	...	...	...	...	...	...	...	...	...	...	—	...	—	...	...	...	...	...	..
Jacobabad —	350 66	010 06	010 05	300 03	225 06	205 07	275 24	285 26	284 31	075 07	085 06	095 04	205 03	260 09	295 03	315 11	035 09	105 09	105 07	090 03	240 08	250 20	300 21	295 21	...	...
Jessore ...	330 05	325 05	310 07	315 09	305 13	270 15	...	...	...	360 17	360 13	355 13	350 12	340 10	295 23	330 11	350 11	350 12	335 10	305 10	285 17	260 31	250 27	260 37	—	..
Jhelum —	300 07	305 09	305 10	320 03	350 05	315 01	200 02	...	—	320 19	330 10	335 10	280 08	265 12	250 10	320 06	310 08	300 06	290 06	305 03	265 07	300 13	260 14	285 17	270 25	225 33
Jiwani —	150 06	170 05	170 07	190 15	200 16	220 16	300 18	...	...	215 05	170 31	135 05	...	195 05	...	180 05	180 07	170 10	165 10	190 08	...			...	...	—
Karachi —	075 07	060 06	060 06	035 04	185 02	275 08	275 17	375 23	270 28	...	...	...	...	...	...	035 15	035 17	040 14	170 08	105 09	135 06	310 15	275 24	280 30	—	...
Khanpur ...	090 09	105 12	105 14	140 11	165 09	230 09	210 25		215 38	—	...	—	..			060 18	060 20	055 19	050 19	055 08	105 08	/// //	340 12	280 13	285 21	290 27
Khuzdar ...	—	...	...	125 07	175 08	259 18	290 15	285 29	275 29	...			193 05	230 10	270 17	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	285 06	295 06	300 08	345 07	325 07	320 10	245 17	240 24	240 29	335 08	340 08	340 09	335 06	315 11	290 17	305 05	305 09	265 13	295 15	305 14	291 14	270 17	275 21	280 17	...	..
Multan ...	010 15	035 16	015 10	250 04	201 01	200 12	260 07	255 26	255 34	020 08	010 08	010 05	230 04	275 05	285 10	125 03	155 02	075 03	005 08	255 11	265 10	295 12	265 08	255 41	310 27	285 41
Nawab Shah ...	335 14	055 10	065 07	240 03	260 12	250 14	260 22	250 20	...	030 15	025 14	015 11	230 04	270 03	295 13	040 11	025 10	010 11	240 01	225 04	290 04	345 09	335 22	305 21	...	...
Nokkundi ...	..	...	075 08	105 14	230 12	235 07	220 12	...	250 19	...	...	090 16	180 12	150 10	245 19	...		100 13	135 21	150 25	165 30		..	...	...	...
Panjgur ...	—		...	...	...		...	...		—			...			...		...	...		...	...	...	...	...	...
Peshawar ...	..	340 07	325 04	290 10	310 08	260 06	255 13	...	255 15	...	115 04	165 05	193 07	270 08	245 09	...	080 04	305 05	325 10	055 06	175 03	235 12	265 19	265 23	...	...
Parachinar ...	...	...	...	...	...		...	...	...	..	..	...	...	...	...	..	—	—		...	...	...	...	—	...	..
Quetta ...	...	...		...	325 09	245 07	255 19	260 22	...	...		...	...		...		...	...	—	185 16	195 10	285 19	—	...	...	...
Sargodha ...	265 04	310 04	320 05	310 03	265 04	245 10	260 27	250 10	250 29	045 06	360 06	040 04	020 55	025 05	345 07	340 03	351 15	355 06	325 04	310 01	270 14	..	...	..	...	...
Skardu ...	...	...	...	...		...	...	...	...	...		...			...	...	...	...		...	...	...	...	...	...	...
Sylhet ...	605 07	290 03	180 ,3	265 02	260 11	...	..	—	...	110 19	125 08	115 06	395 05	285 03	285 32	...	...	...	..	..	...	...	...	...	...	...
Vereval .	...	...			...	...	..	...	...	...	...	...	—		-	...	...	...		...	—	...	...	...	...	...

RAWIN DATA *FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Gilgit ...																		
Jiwani ...																		
Karachi ...	045 15	045 15	043 15	045 04	125 05	125 04	265 20	215 24	235 25	...	...	...	...	...	...	...	...	...
Multan ...																		
Peshawar ...																		
Quetta ...																		
Sargodha ...																		

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

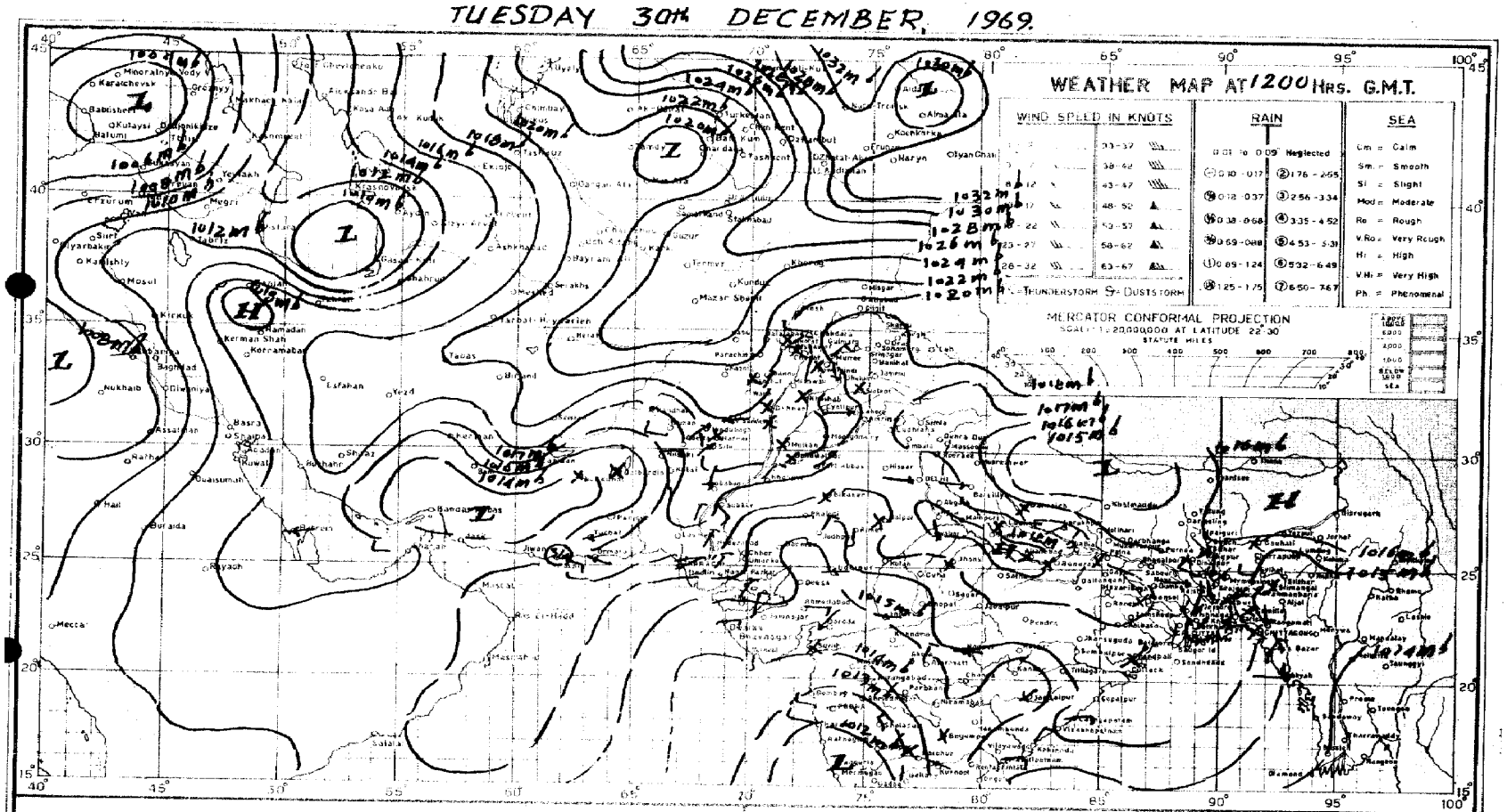
* The actual time of observations may vary within half an hour of the specified time.

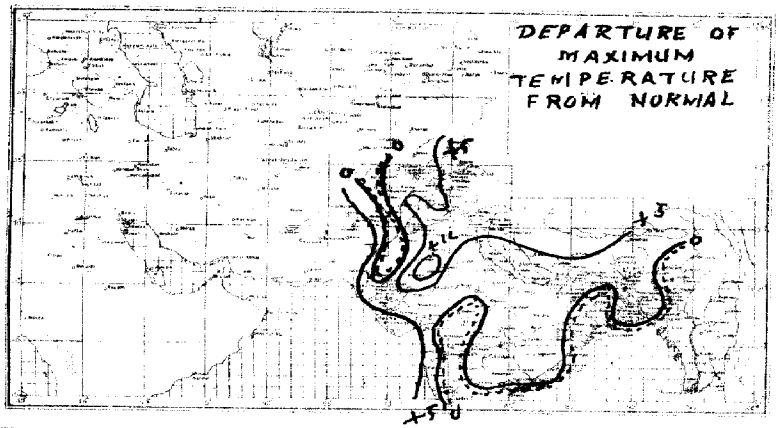
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

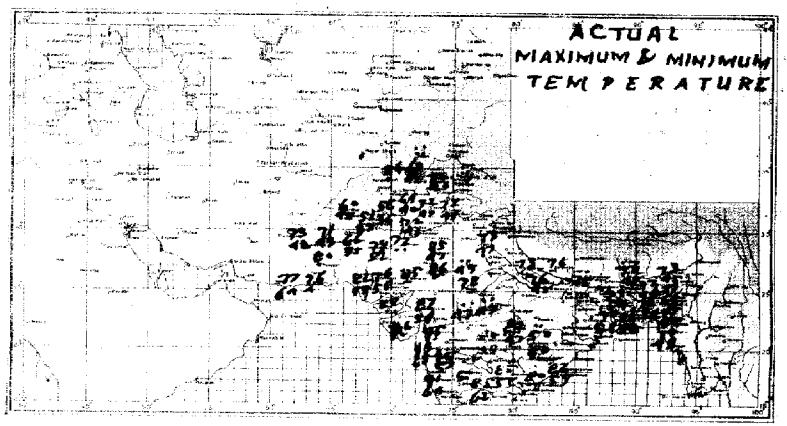
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th DECEMBER, 1969.



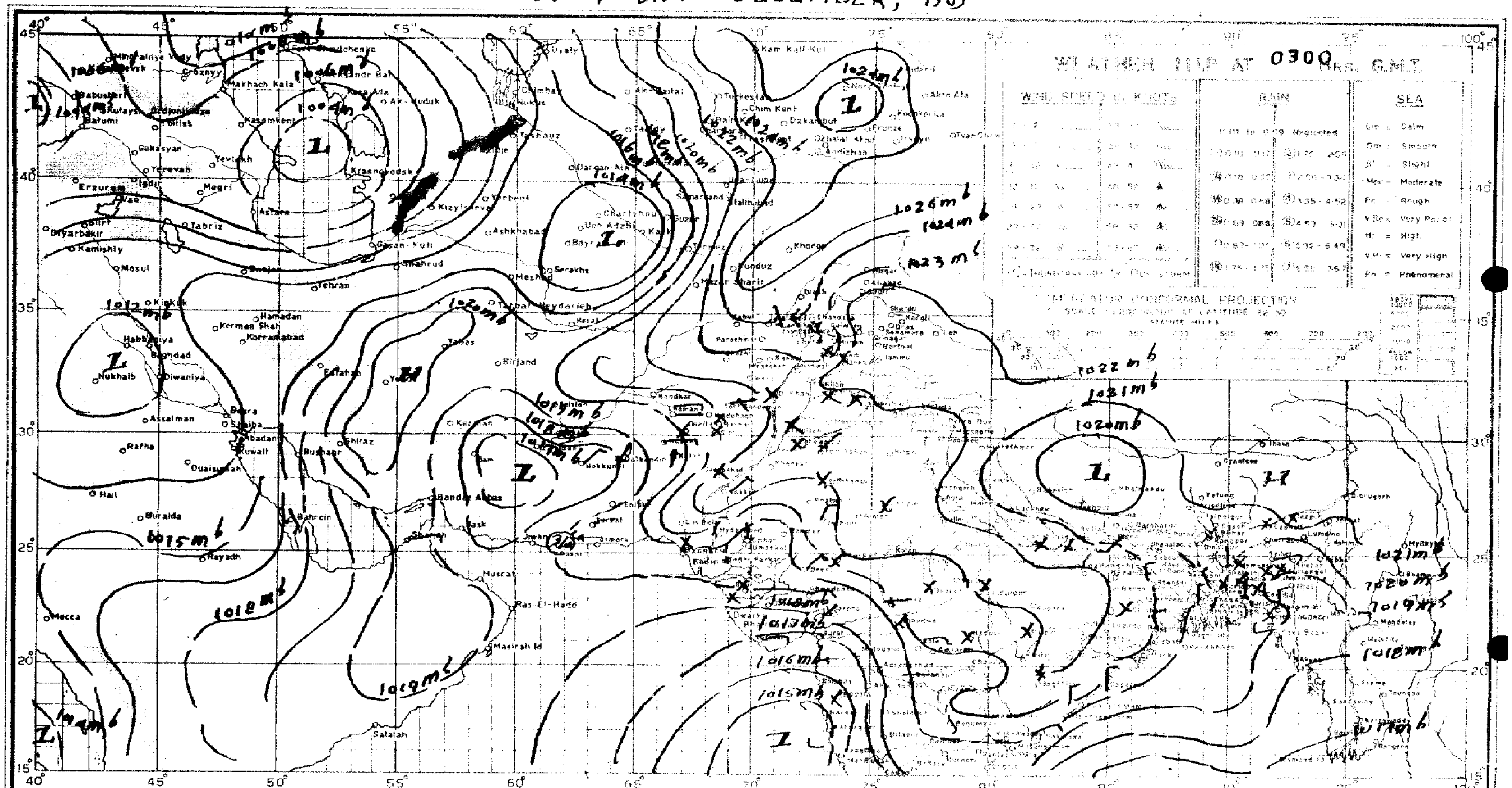


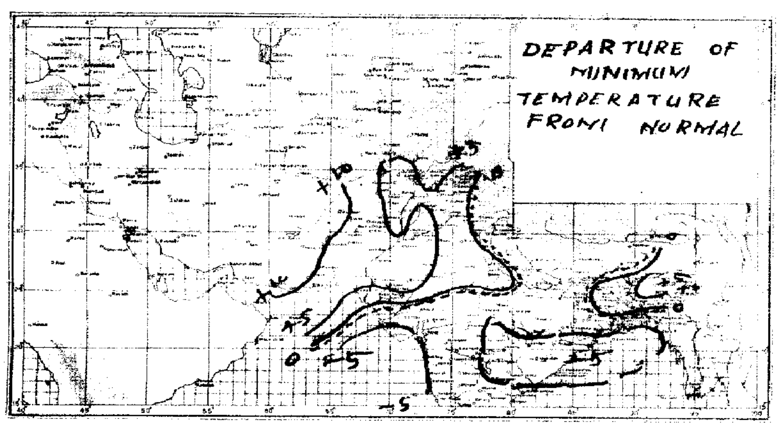


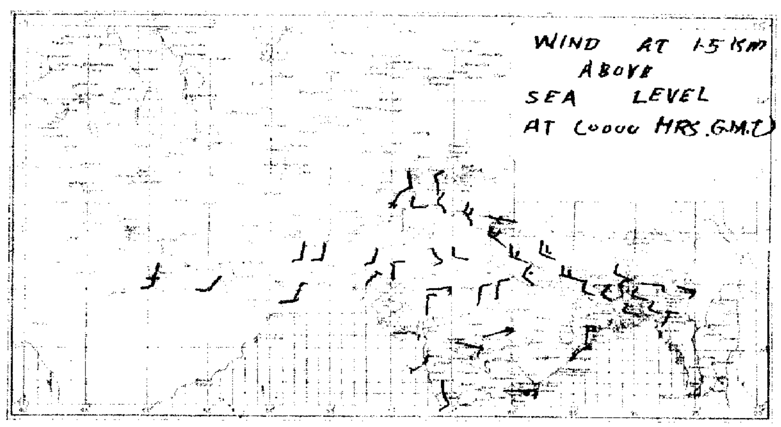
REG. No. 7/4 RWXD'61-5000'63-5,000'67

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 31st DECEMBER, 1969







PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI