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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st APRIL, 1970.

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

A western disturbance lies over Afghanistan and adjoining Quetta and Kalat divisions. Weather remained dry over West Pakistan.
The trough of low pressure over West Bengal and neighbourhood persists.
Local rain/thundershowers have occurred in Chittagong division and scattered in Dacca division. A few falls of light rain have also occured in Rajshahi division.
Chief amounts of rainfall are: Sylhet 1", Brahmanbaria ¾" and Narayanganj ½".
Night temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan outside Chittagong division and 3—8 °F (2—4 °C) below normal in West Pakistan outside Lahore, Rawalpindi and Karachi divisions.

Forecast valid until the evening of 2nd April, 1970 :— Local thunderstorm/showers with squally winds are likely to occur in Khulna, Dacca and Chittagong divisions and scattered in Rajshahi, Malakand, Peshawar, Rawalpindi, Sargodha divisions and Kashmir. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 1st April, 1970.

QAZI SUBHAN AHMED
for Director, Meteorological Service.

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	4	18	09	95	04	1	086	85	3	3	6	0	0	72	93
	Cox's Bazar	000	0	5	18	12	96	03	1	089	82	4	4	4	3	0	73	88
	Chittagong	000	0	7	18	20	96	02	2	082	82	6	3	4	3	0	77	89
	Maijdee Court	000	9	2	18	02	96	03	0	071	82	2	2	5	0	0	73	87
	Comilla	000	0	7	13	05	96	02	9	076	82	7	4	4	0	0	80	87
	Brahmanbaria	084	0	4	18	05	96	01	1	079	75	4	3	5	0	0	70	90
	Sylhet	077	2	5	09	05	96	96	9	055	70	5	9	4	0	0	64	82
	Srimangal	000	9	6	26	05	95	17	9	062	86	4	9	4	7	1	73	91
Dacca	Mymensingh	000	0	8	00	00	97	00	0	040	91	0	0	9	0	0	70	95
	Narayanganj	025	1	8	18	04	97	03	9	067	76	8	7	3	/	/	72	82
	Dacca (Tezgaon)	005	1	4	18	09	97	20	9	058	80	2	8	5	0	1	70	95
	Faridpur	000	0	2	00	00	97	01	1	009	93	2	5	6	0	0	67	97
Khulna	Barisal	000	0	4	18	09	97	01	2	065	85	4	4	4	0	0	76	91
	Khulna	000	0	0	18	03	97	00	0	049	90	0	0	9	0	0	77	96
	Satkhira	000	0	0	18	03	97	00	0	054	87	0	0	9	0	0	76	98
	Jessore	000	0	0	23	08	97	02	0	044	90	0	0	9	0	0	61	00
Rajshahi	Pabna	000	0	0	23	05	98	02	0	039	96	0	0	6	0	0	60	00
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	0	27	02	96	02	0	047	96	0	0	9	0	0	67	98
	Bogra	000	0	0	23	02	96	00	0	041	91	0	0	9	0	0	41	01
	Dinajpur	000	0	0	27	05	98	00	0	079	95	0	0	9	0	0	80	98
	Rangpur	000	0	0	27	02	96	01	0	043	82	0	0	9	0	0	72	00
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	081	86	0	0	9	0	0	36	87
	Sialkot	000	0	0	00	08	57	00	0	060	87	0	0	9	0	0	60	94
Rawalpindi	Jhelum	000	0	0	31	03	97	02	0	067	90	0	0	9	0	0	32	91
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	1	27	02	99	08	0	076	82	1	2	8	0	0	30	82
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	98	00	0	071	90	0	0	9	0	0	73	91
	Sargodha	000	0	1	27	03	97	03	0	074	87	0	0	9	0	1	36	90
	Lyallpur	000	0	0	00	00	96	00	0	088	86	0	0	9	0	0	63	87
Multan	Sahiwal	000	0	2	18	03	97	03	0	069	90	0	0	9	0	1	73	90
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	070	90	0	0	9	0	0	37	94
	Bahawalpur	000	0	0	00	00	96	00	0	078	93	0	0	9	0	0	40	95
	Fort Abbas	000	0	0	00	00	98	00	0	076	87	0	0	9	0	0	51	90
Malakand	Chakdra	000	0	1	23	02	98	03	0	049	80	1	1	7	0	0	43	80
Peshawar	Peshawar	000	0	1	13	02	97	02	0	073	82	1	1	6	3	0	40	85
	Haripur	000	0	0	23	02	97	00	0	075	80	0	0	9	0	0	38	91
D. I. Khan	Bannu	000	0	2	13	02	99	01	0	073	77	0	0	9	0	5	33	87
	D. I. Khan	000	0	4	00	00	97	02	0	075	87	0	0	9	0	4	34	90
Quetta	Sibi	000	0	2	27	03	97	03	1	080	96	0	2	9	2	0	52	97
	Nokkundi	000	0	4	31	14	96	03	0	066	87	4	0	9	3	0	58	89
Kalat	Turbat	000	0	0	13	02	96	00	0	107	91	0	0	9	0	0	43	92
	Jiwani	000	0	0	23	12	94	02	0	100	81	0	0	9	0	0	65	85
	Pasni	000	0	0	25	20	97	02	0	093	85	0	0	9	0	0	72	94
Karachi division	Ormara	000	0	0	27	14	96	02	0	088	92	0	0	9	0	0	73	93
	Lasbela	000	0	0	09	01	98	00	0	076	00	0	0	8	0	0	74	02
	Karachi (Manora)	000	0	0	27	07	97	02	0	087	81	0	0	9	0	0	71	82
	Karachi (Airport)	000	0	0	23	07	96	02	0	080	85	0	0	9	0	0	58	91
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	97	0	0	9	0	0	40	04
	Chhor	000	0	0	27	03	96	02	0	070	97	0	0	9	0	0	18	99
	Hyderabad	000	0	0	00	00	97	02	0	071	98	0	0	9	0	0	42	00
	Badin	000	0	0	23	05	97	02	0	082	99	0	0	9	0	0	30	02
Khairpur	Padidan	000	0	0	31	09	96	02	0	075	93	0	0	9	0	0	41	95
	Nawabshah	000	0	0	22	02	96	02	0	080	95	0	0	9	0	0	47	97
	Sukkur	000	6	0	13	03	96	02	0	074	95	0	0	9	0	0	53	96
	Kashmore																	
	Jacobabad	000	0	0	16	03	97	02	0	076	93	0	0	9	0	0	20	94
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	0	15	05	98	02	0	478	68	1	1	7	0	0	45	68
Peshawar	Cherat *	000	0	0	11	03	98	00	0	456	72	0	0	9	0	0	51	76
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	0	36	02	98	02	0	450	76	0	0	9	0	0	54	78
	Parachinar *	000	0	1	16	03	98	02	0	476	67	1	1	7	0	0	61	68
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	484	78	0	0	9	0	0	40	80
	Wana *	000	0	0	00	00	98	00	0	451	73	0	0	9	0	0	34	77
Quetta	Fort Sandeman *	000	0	4	05	03	98	03	0	466	74	1	1	8	0	1	08	75
	Hindubagh *	000	0	0	23	13	97	02	0	///	53	0	0	9	0	0	//	54
	Loralai *	000	0	4	18	03	97	01	0	485	68	0	0	9	0	9	40	75
	Barkhan *																	
	Harnai *	000	0	0	13	02	96	02	0	437	82	0	0	9	0	0	41	83
	Samungli (Quetta) *	000	0	3	36	07	97	02	0	491	70	5	0	9	0	4	26	72
	Chaman *	000	0	0	27	05	97	02	0	539	74	0	0	9	0	0	49	75
	Nushki *	000	0	0	31	03	97	02	0	547	78	0	0	9	0	0	37	87
	Dalbandin *	000	0	4	13	02	98	03	1	505	81	4	0	9	0	1	53	83
Kalat	Kalat *	000	0	0	31	02	98	00	2	488	64	0	0	9	0	0	14	66
	Khuzdar *	000	0	1	00	00	97	03	0	473	80	0	0	9	0	1	20	82
	Panjgur *	000	0	2	36	03	96	03	0	502	82	0	0	9	0	1	14	84

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 from Normal of: Maximum temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st April, 1970 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1970 to-date (41)	Rainfall: Annual Normal (42)
Rangamati	000	0	5	18	13	90	04	1	131	90	5	7	5	0	0	76	77	—	—	6.3	—	4.7	—
Cox's Bazar	000	0	5	18	10	97	03	0	127	85	4	4	4	1	0	73	78	+ 1	+ 7	1.0	+ 1.0	0.3	140
Chittagong	...	...	—	...	...	...	...	...	...	...	...	...	...			...	...	+ 2					108
Maijdee Court	..	...	...	...	...	...	...	..	...	..	..	..	...				...	— 1					115
Comilla	000	0	4	18	09	96	03	0	///	75	4	4	7	0	0	78	75	— 4	+ 2	0.0	— 0.1	1.9	94
Brahmanbaria	084	0	5	18	00	90	04	0	109	85	3	4	5	0	0	73	73	—	—	5.8	— 5.7	5.7	78
Sylhet	099	0	7	09	02	96	17	9	119	75	5	3	4	2	0	69	65	—	—	—	—	—	—
Srimangal	...	...	..	—	...	...	..	...	...	...	...	..	..	..	..	..	...	0					98
Mymensingh	000	0	2	00	00	97	01	1	112	84	2	5	5	0	0	73	73	+ 4	+ 3	0.0	— 0.1	2.2	91
Narayanganj	025	0	7	23	05	97	02	2	109	84	5	6	4	3	1	75	79	+ 10	+ 6	0.3	+ 0.2	2.4	74
Dacca (Tezgaon)	005	9	6	18	05	97	03	9	107	82	5	8	4	0	1	75	77	—	—	0.1		2.5	—
Faridpur	000	0	6	16	07	97	02	2	097	87	4	4	6	1	0	72	75	+ 6	+ 3	—	—	—	71
Barisal	000	0	5	18	09	97	02	2	118	84	5	6	5	0	0	75	79	— 1	+ 5	0.0	— 0.1	1.3	81
Khulna	060	0	0	18	03	97	00	0	091	87	0	0	9	0	0	87	81	+ 3	+ 8	—	—	—	68
Satkhira	000	0	6	18	06	97	00	0	094	81	2	3	5	0	0	75	73	+ 3	0	0.0	0.0	3.7	68
Jessore	000	0	5	21	09	97	03	0	102	84	5	4	4	0	0	75	77	—	—	0.0	— 0.1	3.7	65
Pabna	000	0	0	23	05	97	07	0	101	86	0	0	9	0	0	75	75	—	—	0.0	—	3.1	59
Sirajganj	008	0	0	18	02	98	00	0	101	81	0	0	9	0	0	58	73		+ 4	0.1	0.0	2.1	64
Rajshahi	000	0	0	13	02	96	02	0	100	84	0	0	9	0	0	73	69	+ 4	— 2	—	—	—	—
Bogra	000	0	1	23	02	96	05	0	//	//	1	0	9	3	0	57	73	+ 6	+ 4	—	—	—	69
Dinajpur	000	0	0	27	03	96	00	0	088	90	0	0	9	0	0	62	73	+ 5	+ 7	—	—	—	73
Rangpur	000	0	0	23	05	96	01	0	078	82	0	0	9	0	0	75	64	+ 9	— 2	—	—	—	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	96	05	0	102	73	0	0	9	0	1	43	58	— 2	— 1	0.0	0.0	2.0	19
Sialkot	—	...	..	...	...	...	—	...	..	...	...	...	...	..	..	..	...	+ 7					33
Jhelum	000	0	0	00	00	97	02	0	114	64	0	0	9	0	0	41	54	—	—	0.0	—	5.4	—
Islamabad	000	0	1	00	00	96	01	0	///	68	1	1	8	0	0	38	56		—	0.0	—	6.8	—
Rawalpindi	000	0	0	00	00	98	00	0	119	60	0	0	9	0	0	45	54	+ 1	— 2	0.0	— 0.1	8.5	36
Campbellpur																							—
Khushab	000	0	0	00	//	98	00	0	109	60	0	0	9	0	0	58	59	+ 6	— 5	0.0	0.0	1.8	15
Sargodha	000	0	4	00	00	96	04	0	106	65	0	0	9	0	1	49	51	—	—	—	—	—	--
Lyallpur	000	0	0	00	00	96	00	0	100	59	0	0	9	0	0	49	54	— 2	— 6	0.0	0.0	1.2	13
Sahiwal	000	0	2	00	00	97	03	0	099	67	0	0	9	0	1	50	58	+ 1	— 5	0.0	— 0.0	0.8	10
Multan	000	0	0	36	01	93	00	0	087	64	0	0	9	0	0	58	64		—	0.0	—	0.0	7
Leiah																							8
Khanpur	000	0	0	00	00	//	02	0	082	//	0	0	9	0	0	43	//	+ 1	/	—	—	—	6
Bahawalpur	000	0	0	00	00	96	00	0	107	75	0	0	9	0	0	60	58	+ 4	— 4	—	—	—	6
Fort Abbas	...	..	...	...	...	...	...	...	...	...	...	...	..	..	..	...	...	—					8
Chakdra	000	0	0	15	07	98	03	0	119	56	0	0	9	0	1	45	47	—	—	0.0	—	6.3	—
Peshawar	000	0	4	00	00	97	01	1	119	62	0	0	9	0	1	42	54	+ 6	— 3	—	—	—	11
Haripur	000	0	0	05	02	98	00	0	128	64	0	0	9	0	0	41	51	—	—	0.0	—	7.4	—
Bannu	000	0	5	31	02	98	02	1	108	62	0	0	9	6	0	45	58	—	—	0.0	—	1.6	11
D. I. Khan	000	0	5	00	00	97	02	0	108	62	5	0	9	3	0	47	56	+ 4	— 5	0.0	0.0	7.7	9
Sibi	000	0	0	18	03	97	02	0	114	62	0	0	9	0	0	48	56	—	—	0.0	—	0.9	5
Nokkundi	000	0	2	02	07	97	01	0	119	68	2	5	6	0	0	52	60	—	—	0.0	—	2.5	2
Turbat	000	0	0	09	02	98	00	0	141	71	0	0	9	0	0	41	66	—	—	0.0	—	0.7	—
Jiwani	000	0	0	27	03	96	01	0	118	71	0	0	9	0	0	67	66	—	—	0.0	—	8.3	3
Pasni	000	0	0	29	04	97	02	0	117	68	0	0	9	0	0	58	56	+ 5	— 11	0.0	0.0	2.5	6
Ormara	000	0	0	36	03	96	02	0	116	72	0	0	9	0	0	71	//	—	—	0.0	0.0	2.9	4
Lasbela	000	0	0	00	00	98	00	0	110	63	0	0	8	0	0	59	59	—	—	0.0	—	0.0	8
Karachi (Manora)	000	0	0	27	05	96	02	0	104	75	0	0	9	0	0	69	73	+ 3	+ 2	0.0	0.0	1.1	8
Karachi (Airport)	000	0	0	00	00	96	02	0	112	66	0	0	9	0	0	63	63	—	—	0.0	—	3.0	—
Nagarparkar	000	0	0	05	02	97	02	0	141	80	0	0	9	0	0	64	80	—	—	0.0	—	0.1	—
Chhor	000	0	0	18	03	95	03	0	105	68	4	2	4	0	0	65	61	—	—	0.0	—	2.5	7
Hyderabad	000	0	0	00	00	97	02	0	104	71	0	0	9	0	0	57	65	+ 3	— 4	0.0	0.0	1.1	9
Badin	...	..	..	...	..	.	...	—	...	...	...	..	..	...	...	...	—	+ 5					—
Padidan	000	0	2	00	00	96	01	0	095	66	0	0	9	0	5	40	53	—	—	0.0	—	0.9	—
Nawabshah	000	0	0	18	02	96	02	0	098	68	0	0	9	0	0	51	57	—	—	0.0	—	0.4	4
Sukkur	000	3	6	23	02	96	03	1	074	73	6	0	9	6	0	51	66	—	—	0.0	—	0.9	—
Kashmore																							4
Jacobabad	000	8	3	13	02	96	03	0	093	//	3	0	9	3	0	37	62	— 1	— 5	0.0	0.0	2.1	10
Veraval																							26
Srinagar *																							—
Gulmarg **																							71
Sonamarg **																							16
Dras **																							3
Leh **																							6
Skardu *																							—
Misgar **																							—
Aliabad *																							5
Gilgit *																							59
Murree *																							10
Drosh *	...	..	..	...	...	..	..	..	...	...	...	...	...	...	...	...	...	+ 5					29
Cherat *	000	0	0	00	00	98	02	0	494	62	0	0	9	0	0	27	54	+ 11	+ 1	0.0	— 0.1	5.5	—
Kakul *	000	0	0	34	03	98	02	0	486	54	0	0	9	0	0	32	51	—	—	0.0	—	14.2	—
Landikotal *	000	0	0	36	02	98	02	0	467	64	0	0	9	0	0	43	45	—	—	0.0	—	3.6	29
Parachinar *	000	0	7	00	00	98	03	1	505	54	7	0	9	7	0	29	43	+ 4	— 1	—	—	—	13
Miranshah *	000	0	0	05	05	99	00	0	490	60	0	0	9	0	0	40	56	—	—	0.0	— 0.2	0.1	11
Wana *	000	0	0	00	00	88	00	0	463	54	0	0	9	0	0	38	45	—	—	—	—	—	13
Fort Sandeman *	000	0	1	00	00	97	02	0	490	56	0	0	9	0	1	23	44	+ 3	— 9	0.0	0.0	2.8	—
Hindubagh *	000	0	0	00	00	98	02	0	///	41	0	0	9	0	0	34	30	—	—	0.0	—	1.6	9
Loralai *	000	0	0	18	02	98	00	0	470	56	0	0	9	0	0	39	//	—	—	0.0	—	2.1	—
Barkhan *																							14
Harnai *	000	0	0	31	02	96	02	0	462	62	0	0	9	0	0	34	51	—	—	0.0	— 0.0	3.0	9
Samungli (Quetta) *	000	0	4	00	00	97	03	0	514	45	4	0	9	0	4	32	36	—	—	0.0	— 0.1	2.9	9
Chaman *	000	0	0	09	03	97	02	0	490	65	0	0	9	0	0	43	60	+ 3	+ 6	0.0	0.0	7.7	—
Nushki *	000	0	0	07	04	97	01	0	545	66	0	0	9	0	0	27	61	—	—	0.0	—	3.5	4
Dalbandin *	000	0	4	00	00	98	03	1	503	57	4	0	9	0	0	41	50	— 2	— 5	0.0	0.0	3.3	7
Kalat *	000	0	0	18	03	88	00	2	517	48	0	0	9	0	0	20	31	0	— 9	0.0	0.0	3.0	—
Khuzdar *	000	0	2	00	00	96	03	0	492	59	0	0	9	0	1	25	55	—	—	0.0	—	2.6	5
Panjgur *	000	0	4	05	02	96	03	0	492	55	0	0	9	0	1	25	50	— 1	— 7	0.0	—	0.8	—

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

National Oceanic and Atmospheric Administration

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st APRIL, 1970

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hs	0TsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Dumra	99 2 49	10 6 19	31 0 63	30 4 08	98 0 30	16 3 24	34 6 //	23 2 10	-		05 1 24		30 2 02	27 2 01
Korenia	99 1 98	10.6 50	31 0 63	12 6 04	98 0 20	13 2 27	00 8 04	...	-		0/ /23	12 5 71	30 1 01	29 5 02
Socardia	99 2 34	10 5 91	31 0 63	23 1 06	98 0 20	14 5 29	21 6 00	33 3 05	-		00 9 20	12 5 09	30 5 01	0 / / 01
Gornik	99 1 58	10 5 99	31 0 63	10 3 03	98 0 20	16 5 30	1: 6 00	13 2 15	-		00 0 17	13 0 00	-	...
Kampala	99 2 21	10 6 58	31 1 23	03 4 06	98 0 20	/// 26	00 9 00	83 7 20	...		00 0 22	...	30 1 01	34 5 01
Dwarka	99 2 35	10 6 75	31 1 83	02 7 10	99 0 20	11 4 05	00 9 00	...	73 2 09		01 0 23	...	30 5 01	28 0 02
Dumra	99 2 48	10 6 35	31 1 83	02 9 06	98 0 20	12 2 25	00 9 00	23 2 10	...		05 3 22	...	3/ // //	// / //
Almahrosa	99 1 72	10 6 51	31 1 83	03 2 05	98 0 20	23 7 27	00 9 00	..	73 2 08		05 1 22	...	30 5 01	...
Komsomolets	99 2 61	10 6 80	31 1 83	00 0 01	98 0 20	13 3 23	00 9 00	33 3 12	.		.	12 5 04	30 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	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	MISDA	..	...	...	...	-	...	...	...	...	...	-	-
Dacca	00 00	008 260 13	...	450 164 50	115 060 57	381 105 59	750 201 59	959 301 59	236 499 //	420 611 //	...	...	...	-
Gilgit														
Jiwani														
Karachi	00 00	007 190 48	...	400 120 58	064 040 //	572 095 //	742 175 //	953 291 //	...	...	...	-	...	-
Multan	00 00	994 190 65	...	559 166 56	108 084 55	578 211 //	746 215 //	953 315 //	...	-	...	...	-	...
Peshawar	00 00	969 128 44	...	390 110 53	034 012 52	565 171 //	729 275 //	931 375 //	201 531 //	-	-	-	-	...
Quetta	00 00	820 100 63	-	/// /// //	097 058 //	576 095 //	745 177 //	956 301 //	...	-	...	-	...	...
Sargodha	00 00	994 164 56	..	/// /// //	400 120 60	046 221 //	/// /// //	940 321 //	219 441 //	...	-	...	...	-

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta 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	MISDA						...	...	-	...	...	...
Dacca	00 00	900 194 58	800 134 58	642 000 57	600 031 56	350 245 59	243 240 74	-	...	-	-	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	-	...	-	...	-	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	-	...	...	...	...	-
Peshawar	00 00	...	...	...	...	...	...	-	...	-	...	-	...
Quetta	00 00	800 128 //	627 000 //	608 039 //	350 223 //	...	...	-	...	...	-	...	...
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	200 18	210 16	215 13	...	...	...	...	-	-
Bogra	265 18	270 15	270 17	265 17	250 25	275 41	-	...	-
Chaklala	..	.	...	...	...	-	...	-	..
Chhor	270 03	270 03	275 05	260 05	260 08	320 20	300 20	295 23	295 26
Chittagong	165 18	175 19	190 21	205 20	...	-	-	...	-
Cherat	.	..	..	-	-	...	...	...	-
Cox's Bazar	180 13	188 20	190 30	215 18	230 41		-	...	...
Dacca	155 20	175 23	175 22	195 13	280 10	310 21	...	.	...
Dalbandin		.	180 00	135 02	330 05	310 17	340 12	335 19	335 23
D. I. Khan	160 07	150 10	150 14	155 13	160 10	160 08	/// //	285 15	270 16
Drosh	...	...	...	115 07	010 08	090 08	290 06	290 05	355 09
Fort Sandeman	...	...	-	320 03	300 04	270 10	265 16	295 21	295 31
Gilgit	-	-	...	200 03	245 05	240 09	200 05	240 06	040 10
Ishurdi	303 12	195 14	280 13	265 15	265 18	265 23	-	.	...
Jacobabad	190 08	320 09	210 09	230 07	255 14	270 28	295 25	310 32	320 32
Jessore	245 07	250 08	255 08	270 09	280 13	280 17	290 21	...	...
Jhelum	...	...	...					...	
Jiwani	220 11	140 10	115 07	040 03	015 07	010 09	295 13	300 10	355 12
Karachi	260 07	270 04	300 04	310 06	295 11	290 14	290 13	320 14	310 12
Khanpur	175 08	175 10	/// //	210 10	245 07	275 06	270 15	265 16	280 29
Khuzdar	...	..		270 05	305 06	330 08	325 19	320 18	325 20
Lahore	295 09	310 10	315 11	305 12	315 12	326 15	330 17	315 18	315 25
Multan		...		..	...	-	...	...	.
Nawab Shah	245 03	185 01	125 01	220 05	260 09	295 11	300 15	320 22	305 25
Nokkundi	...	...	250 10	215 03	290 04	295 14	340 19	010 13	010 14
Panjgur	...		..	320 06	325 05	310 07	325 10	015 10	350 15
Peshawar	...	140 04	250 02	295 08	335 09	305 12	300 15	305 18	...
Parachinar	...	...	---	075 03	145 08	340 19	335 17	330 17	340 19
Quetta	-	.		..	...	...	...		...
Sargodha	220 02	245 04	280 04	280 05	280 07	295 15	/// //	300 18	.
Skardu	...	-	...	-	-	270 03	340 03	220 04	245 06
Sylhet	300 11	280 17	275 19	-	-	...	...	-	-
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	210 13	270 13	215 13	240 19	...	...
Bogra	280 06	285 06	295 16	275 20	250 22	265 31
Chaklala	...	010 05	345 06	290 09	...	...
Chhor	258 10	248 15	230 09	225 06	330 05	015 21
Chittagong	190 12	195 16	200 12	245 12	250 21	275 25
Cherat	...	...	..	..	-	...
Cox's Bazar	..			.		...
Dacca	195 16	210 14	275 12	255 12	230 15	270 25
Dalbandin		...	095 04	070 03	040 02	350 29
D. I. Khan	080 09	085 05	/// //	155 04	170 05	215 01
Drosh	...	-	...	055 02	055 09	030 18
Fort Sandeman	...	-	...	210 01	210 04	215 05
Gilgit	-	-	..	230 01	280 02	025 01
Ishurdi	...				...	.
Jacobabad	185 06	215 04	215 04	210 12	240 15	335 12
Jessore	205 19	220 10	290 17	330 05	245 05	225 16
Jhelum	...	...			-	...
Jiwani	260 04	305 10	310 09	330 04		...
Karachi	275 16	275 15	270 19	350 14	275 11	285 06
Khanpur	235 08	240 11	240 10	285 13	270 13	280 16
Khuzdar	-	...	-	275 07	235 07	275 09
Lahore	300 04	300 06	295 10	310 11	315 10	310 08
Multan	165 10	165 19	235 16	235 05	200 12	245 16
Nawab Shah	60 12	155 11	158 11	215 09	265 08	345 16
Nokkundi	...	...	030 12	360 08	030 12	010 25
Panjgur	..			355 11	345 15	330 26
Peshawar	...	005 04	315 04	330 09	310 09	035 11
Parachinar	...	-	...	/// //	325 05	...
Quetta	...			...	...	...
Sargodha	255 04	270 08	280 07	265 06	330 08	330 08
Skardu	...	...	-	250 01	265 03	240 09
Sylhet	215 10	220 13	-	-	-	-
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 (25)	7.2 (26)	9.0 (27)
Barisal	205 05	200 10	200 13		..	...	-	-	...	...	...
Bogra	210 06	245 07	260 13	275 21	..	...	...		..	...	-
Chaklala	...	255 03	300 05	320 01	201 15	335 12	325 10	015 19	...	...	...
Chhor	235 05	220 07	205 07	205 03	030 02	080 03	315 20	310 09	320 12	315 16	-
Chittagong	175 22	190 17	190 15	205 13	210 12	220 20	225 27	230 30	230 32	240 39	
Cherat		...		...	...	...			...	...	...
Cox's Bazar	195 18	185 18	180 16	175 11	250 08	270 21	260 22	285 20	...	..	..
Dacca	180 08	160 07	160 05	210 08	210 12	225 32	275 32	280 44	..	.	...
Dalbandin	.	...	125 01	015 02	015 06	030 09	010 17	020 14	020 12	340 14	310 28
D. I. Khan	250 03	245 06	245 07	195 06	295 03	105 04	260 10	295 13	290 13	300 16	310 21
Drosh	-	-	-	...	...	-					
Fort Sandeman	...	..	-	330 03	040 03	350 09	325 08	325 09	285 05	285 07	305 30
Gilgit	...		...	...	..	..	...		...		-
Ishurdi	090 01	080 03	280 04	260 12		...		...	...	...	...
Jacobabad	230 03	260 03	280 03	335 07	265 03	275 07	290 07	.	...	..	..
Jessore	105 05	160 03	200 04	230 06	250 08					...	...
Jhelum	010 02	315 04	315 08	230 13	320 15	330 16	350 20	355 20	340 33		..
Jiwani	295 11	305 11	305 10	285 04	305 04	030 09	355 07	020 06	020 12	325 11	305 24
Karachi	295 03	290 13	290 15	235 14	280 10	275 07	215 05	350 04	365 12		...
Khanpur	005 12	015 07	015 07	020 13	005 15	345 18	295 17	230 13	215 11	280 16	270 26
Khuzdar	..	...	.	275 03	350 04	090 03	325 07	025 11	005 11	335 17	-
Lahore	350 10	340 10	320 10	315 11	310 12	315 15	310 15	315 15	295 24	320 35	...
Multan	150 10	115 17	100 13	095 10	175 03	250 02	290 15	290 19	305 15		...
Nawab Shah	270 05	225 04	230 06	245 10	245 09	215 10	325 17	290 10	305 11	..	.
Nokkundi	...	-	285 03	005 04	360 09	005 14	355 27	005 16	350 15	350 12	310 28
Panjgur	-	...		320 05	325 10	325 10	035 15	005 15	355 29	280 11	-
Peshawar	.	060 02	340 06	310 08	035 18	305 09	335 05	005 13	360 25	...	-
Parachinar	...	...	-	...	360 03	110 04	185 07	010 27		-	...
Quetta	...	...		...	230 05	320 12	360 22	345 25	355 23	.	+
Sargodha	280 02	230 04	310 07	320 06	295 03	345 10	345 12	345 13	350 12		...
Skardu		...	...	245 02	/// //	020 13	320 06	085 15	045 12	335 24	320 29
Sylhet	110 03	140 03	230 07	225 17	265 16	-	...	...	...	...	...
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																		
Multan	165 18	165 19	335 16	285 05	200 12	245 16	280 42	290 39	300 31	...	...	...	...	...	-	...	...	-
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 [illegible] negative temperatures

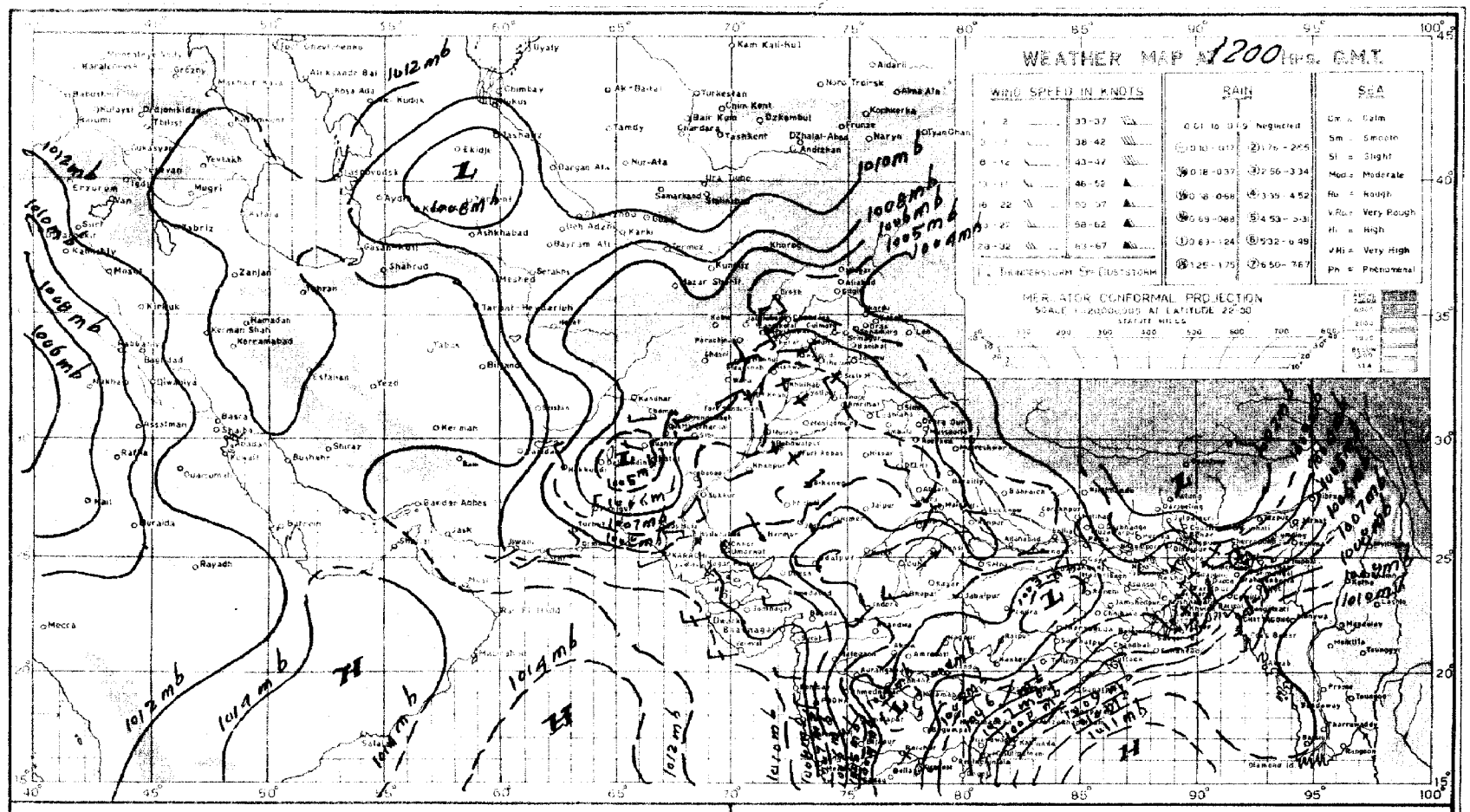
† The actual time of observations may vary within half an hour of the specified time.

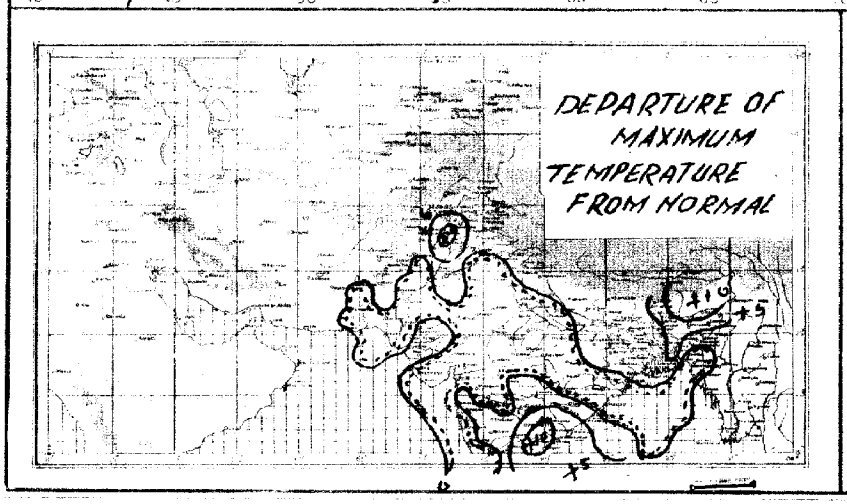
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 Knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

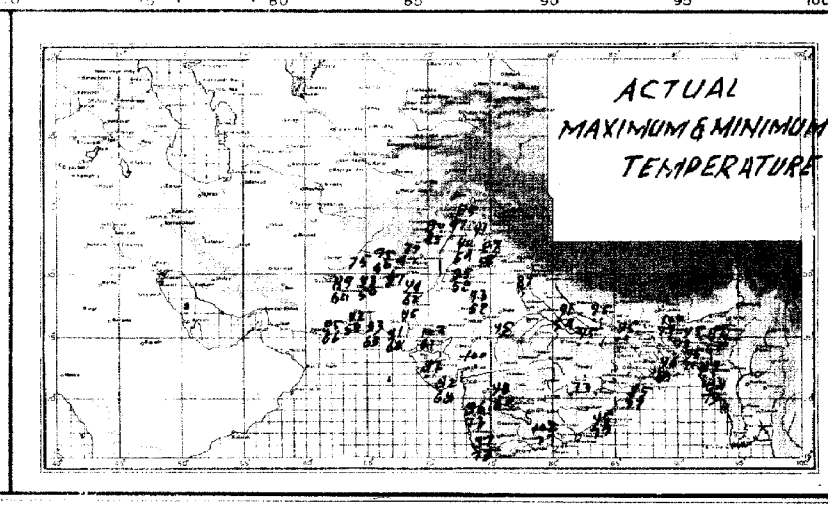
The accuracy of individual entries in this report [illegible] not be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 31st MARCH 1970

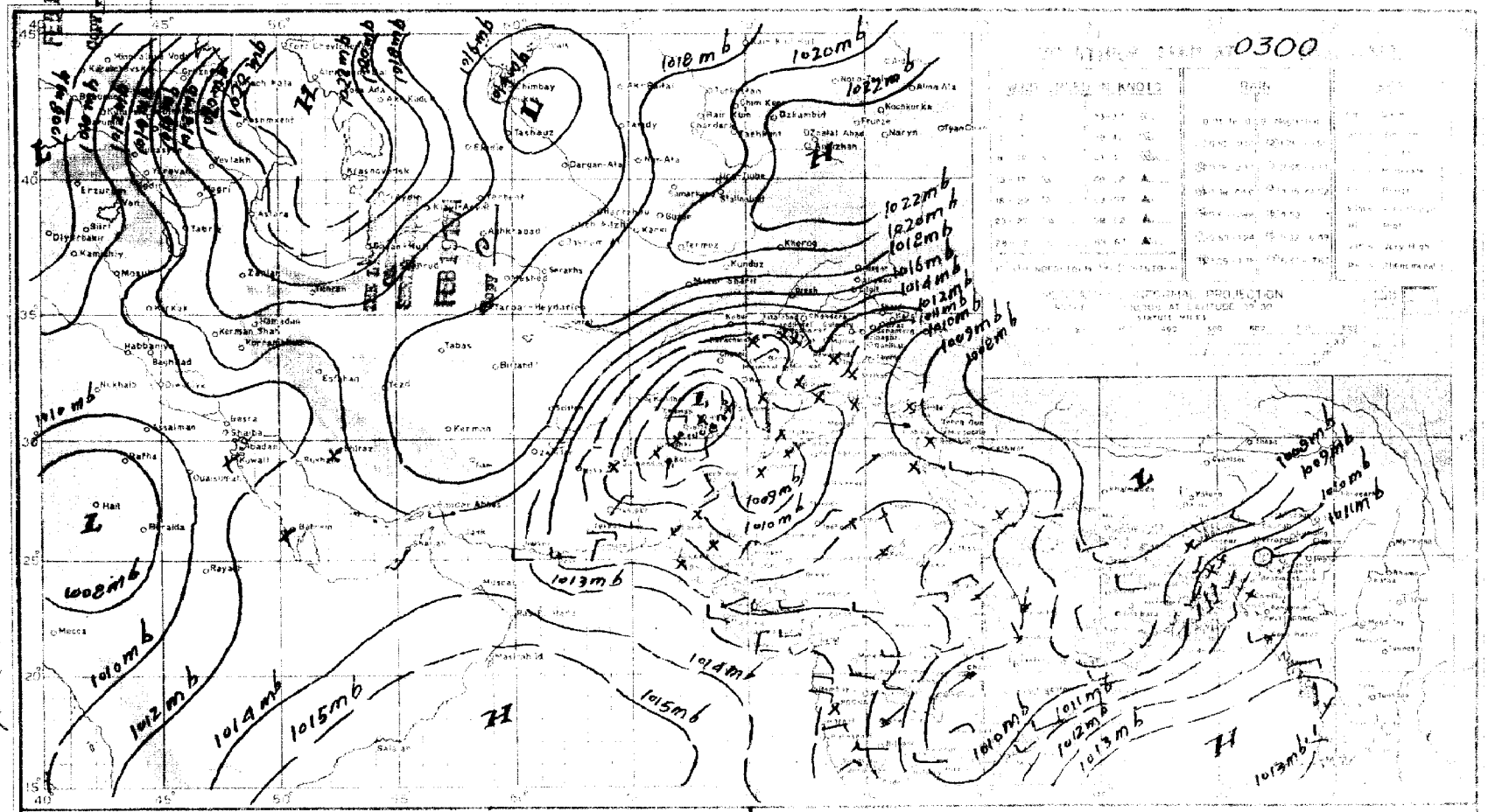


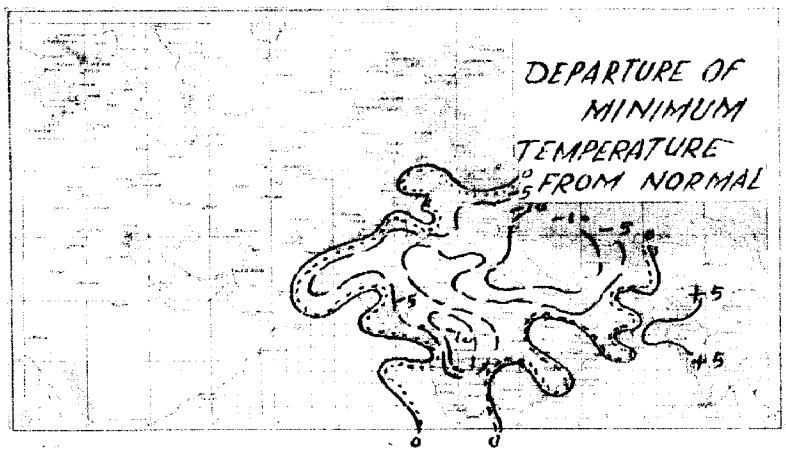


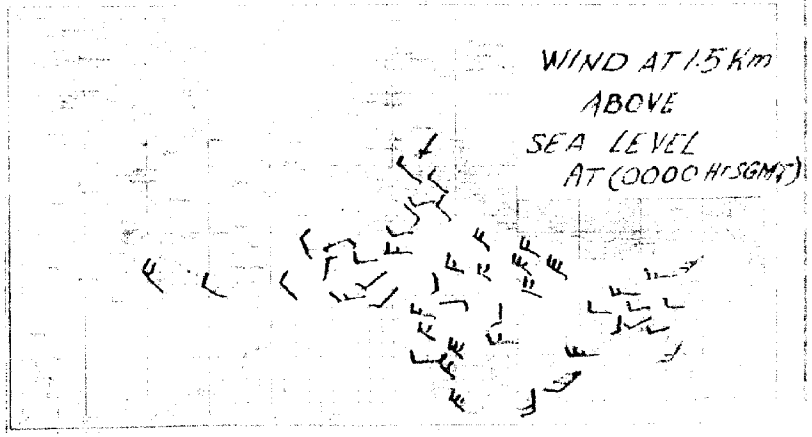


PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 1st APRIL, 1970.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 2nd APRIL, 1970.

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

Yesterday's western disturbance over Afghanistan and adjoining Quetta, Kalat divisions now lies over Quetta and D. I. Khan divisions. Weather remained dry over West Pakistan.

Yesterday's trough of low pressure over West Bengal and adjoining Orissa persists. A westerly low pressure wave is moving across northern divisions of East Pakistan.

Fairly widespread rain/thundershowers in Khulna division and local in Chittagong and Dacca divisions with a few heavy falls in Dacca and Khulna divisions.

Chief amounts of rainfall are : Maijdee Court, Narayanganj and Jessore 2", Khulna 1", Comilla and Srimangal (Both upto 1200 G. M. T.) ¾" each, Parachinar, Brahmanbaria and Barisal ½" each and Dacca ¼" each.

Night temperatures were 3—8 °F (2—4 °C) below normal in Chittagong, Dacca and Lahore divisions and to the same extent above normal elsewhere in the country outside Multan, Malakand, D. I. Khan, Kalat and Khairpur divisions.

Forecast valid until the evening of 3rd April, 1970 :— Local rain/thundershowers with squally winds are likely in East Pakistan. A few dust/thunderstorms are also likely in D. I. Khan and Multan divisions and in Kashmir. Dry weather is likely elsewhere over West Pakistan.

Karachi-11
The 2nd April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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	080	0	2	18	05	96	94	0	082	85	1	1	7	0	0	76	93
	Cox's Bazar	000	0	6	23	12	94	03	2	079	82	2	3	5	3	4	73	87
	Chittagong	000	0	6	23	09	96	02	2	075	82	3	3	4	3	2	73	90
	Maijdee Court	015	9	6	18	05	57	03	2	113	85	3	2	5	2	0	76	//
	Comilla	080	1	7	08	00	96	95	9	099	80	7	4	4	0	0	68	86
	Brahmanbaria	052	0	6	18	07	96	29	1	075	72	2	3	5	2	0	73	90
	Sylhet	000	0	0	20	02	96	01	0	057	82	2	6	5	0	1	76	85
	Srimangal	075	9	6	36	05	96	02	9	109	82	3	9	4	7	2	76	91
Dacca	Mymensingh	000	0	4	00	00	97	81	1	058	87	2	4	4	2	0	67	93
	Narayanganj	090	3	8	13	07	//	03	9	076	72	8	7	2	0	0	70	85
	Dacca (Tejgaon)	027	1	7	00	00	97	95	9	063	72	2	9	5	7	0	68	91
	Faridpur	005	0	8	11	03	96	95	2	025	76	2	7	5	0	0	68	93
Khulna	Barisal	000	0	8	31	03	96	17	9	076	73	6	3	4	2	/	70	91
	Khulna	000	0	7	36	03	97	02	0	049	90	4	3	4	0	0	72	96
	Satkhira	..	—	...	...	...	...	...	..	...	..	...	..	...	..	..	...	..
	Jessore	..	..	...	...	...	...	...	..	...	..	...	..	..	...	...	...	...
Rajshahi	Pabna	000	0	2	13	05	98	01	9	042	90	2	3	4	7	0	60	96
	Sirajganj	000	0	0	00	00	96	00	0	045	91	0	0	9	0	0	54	91
	Rajshahi	000	0	2	00	00	96	02	0	047	87	2	0	9	1	0	63	96
	Bogra	000	0	2	27	02	96	05	2	042	93	2	0	9	3	0	47	96
	Dinajpur	000	0	0	27	02	96	00	0	043	95	0	0	9	0	0	91	98
	Rangpur	000	0	0	00	00	96	01	0	044	82	0	0	9	0	0	72	//
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	31	03	96	02	0	071	86	1	0	9	3	2	51	87
	Sialkot																	
Rawalpindi	Jhelum	000	0	1	27	03	98	02	0	056	90	1	1	7	0	1	32	90
	Islamabad	080	0	1	27	02	99	00	0	063	82	0	0	9	6	0	38	85
	Rawalpindi	000	0	1	27	02	99	00	0	063	82	0	0	9	6	0	39	85
	Campbellpur																	
Sargodha	Khushab	000	0	8	00	00	97	01	0	067	90	0	0	9	3	0	76	91
	Sargodha	000	0	4	23	03	97	01	1	068	90	0	0	9	0	2	34	91
	Lyallpur	000	0	4	29	03	97	02	0	074	85	0	0	9	0	4	54	90
Multan	Sahiwal																	
	Multan	000	0	6	13	03	97	02	1	067	90	1	5	6	2	1	52	93
	Leiah																	
Bahawalpur	Khanpur	000	0	3	31	03	96	00	0	059	93	0	0	9	0	1	32	95
	Bahawalpur	000	0	0	00	00	96	00	0	067	95	0	0	9	0	0	41	98
	Fort Abbas	000	0	0	00	00	98	00	0	056	90	0	0	9	0	0	58	91
Malakand	Chakdra	000	0	3	23	02	98	03	0	054	82	0	0	9	0	9	47	84
Peshawar	Peshawar	000	0	5	00	00	97	02	2	064	85	5	0	9	0	1	45	85
	Haripur	...	..	..	..	...	..	...	..	...	—	..	...	..	..	..	...	...
D. I. Khan	Bannu	000	0	6	16	02	98	00	2	064	86	0	0	9	0	8	40	87
	D. I. Khan	000	0	5	00	00	97	02	0	073	87	0	0	9	0	0	34	90
Quetta	Sibi	000	0	0	18	03	97	02	0	058	97	0	0	9	0	0	56	98
	Nokkundi	000	0	0	31	10	96	02	0	053	90	0	0	9	0	0	57	92
Kalat	Turbat	000	0	0	27	02	98	00	0	098	98	0	0	9	0	0	43	99
	Jiwani	000	0	0	27	10	96	02	0	087	83	0	0	9	0	0	61	85
	Pasni	...	...	...	...	—	..	..	..	...	...	..	..	...		...	...	...
Karachi Division	Ormara	000	0	0	27	17	96	02	0	078	82	0	0	9	0	0	75	85
	Lasbela	000	0	0	18	02	97	00	0	058	00	0	0	9	0	0	45	02
	Karachi (Manora)	000	0	0	27	07	97	02	0	076	79	0	0	9	0	0	72	81
	Karachi (Airport)	000	0	2	23	12	96	03	0	076	84	0	0	9	0	1	71	91
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	099	96	0	0	0	0	0	52	02
	Chhor	000	0	2	00	00	96	02	0	056	98	0	0	9	0	0	37	99
	Hyderabad	800	0	3	23	03	97	03	0	059	99	0	0	9	0	1	47	02
	Badin	000	0	0	23	08	97	02	0	071	98	0	0	9	0	0	37	0/
Khairpur	Padidan	800	0	5	31	07	96	03	1	061	95	0	0	9	0	5	34	98
	Nawabshah	800	0	6	13	03	96	02	2	064	96	0	0	9	0	7	63	99
	Sukkur	000	0	0	23	02	96	02		066	98	0	0	9	0	0	53	01
	Kashmore																	
	Jacobabad	000	0	2	18	02	96	01	0	056	96	0	0	9	0	6	35	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *																	
Peshawar	Cherat *	000	0	0	05	07	98	02	0	481	72	0	0	9	0	0	32	78
	Kakul *	000	0	2	31	03	99	03	0	474	72	2	1	5	2	0	38	76
	Landikotal *	000	0	0	36	02	98	02	0	466	76	0	0	9	0	0	58	79
	Parachinar *	000	0	5	16	05	98	01	2	483	67	5	0	9	7	0	62	70
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	505	80	0	0	9	0	0	51	82
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	470	76	1	0	9	3	1	36	77
	Hindubagh *	000	0	0	23	13	97	02	0	///	55	0	0	9	0	0	29	56
	Loralai *	000	0	0	27	04	98	00	0	485	75	0	0	9	0	0	56	80
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	486	83	0	0	9	0	0	43	86
	Samungli (Quetta) *	000	0	0	36	05	96	02	0	474	73	0	0	9	0	0	42	75
	Chaman *	000	0	0	27	03	96	07	0	484	77	0	0	9	0	0	51	78
	Nushki *	000	0	0	00	00	97	02	0	531	82	0	0	9	0	0	43	89
	Dalbandin *	000	0	0	23	02	98	00	0	487	87	0	0	9	0	0	55	89
Kalat	Kalat *	000	0	0	34	02	98	00	2	470	65	0	0	9	0	0	25	69
	Khuzdar *	...	...	...	...	.	.	...	...	..	...		---	...	..		---	...
	Panjgur *	000	0	0	26	04	96	02	0	480	85	0	0	9	0	0	29	87

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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	046	9	1	36	02	96	01	1	128	77	1	1	7	0	0	67	67	—	—	6.3	—	4.7	—
Cox's Bazar	...	...	...	...	...	...	...		...	...			...		..		...	0					40
Chittagong	305	9	3	18	04	96	01	9	122	83	2	0	9	3	1	73	68	+ 2	— 4	0.1	— 0.2	0.8	108
Maijdee Court	216	9	2	00	00	97	01	0	124	81	0	0	9	0	3	71	//	—	—	2.4	+ 1.8	4.9	115
Comilla	..	..	..	..					..									— 6					94
Brahmanbaria	052	0	0	09	02	97	01	1	127	81	0	0	9	0	0	68	65	—	—	1.4	+ 1.1	4.3	78
Sylhet	..	...																—					—
Srimangal	000	0	8	00	00	96	00	9	125	77	0	0	9	0	0	65	62	—	— 5	0.0	— 0.5	5.2	98
Mymensingh	000	0	6	00	00	97	02	2	137	81	6	5	4	0	0	73	69	+ 1	— 1	0.0	— 0.2	3.2	91
Narayanganj	182	0	0	13	02	97	00	0	127	81	0	0	9	0	0	68	69	— 8	— 4	2.1	+ 1.9	3.7	74
Dacca (Tejgaon)	020	9	3	09	07	97	02	9	124	77	1	0	9	4	1	65	68	—	—	0.3	—	2.8	—
Faridpur	005	0	4	16	05	97	01	1	120	79	2	4	6	1	0	73	68	0	— 4	0.1	— 0.1	2.4	71
Barisal	042	9	3	00	00	97	02	0	117	82	2	3	4	8	1	73	68	— 1	— 6	0.4	+ 0.2	1.7	81
Khulna	160	9	0	00	00	97	00	0	090	87	0	0	9	0	0	73	69	+ 3	— 4	1.0	+ 1.0	4.9	68
Satkhira	015	0	6	18	05	97	00	0	115	82	2	2	7	1	1	73	78		+ 6	0.2	+ 0.1	3.8	65
Jessore	254	9	0	13	05	97	02	9	118	79	0	0	9	0	0	69	64	—	—	2.5	+ 2.4	6.3	65
Pabna	000	0	0	13	05	98	02	1	118	82	0	0	9	0	0	69	73	—	—	0.0	—	3.1	59
Sirajganj	008	0	6	18	02	98	01	0	123	77	6	0	7	4	0	69	69	— 4	— 6	0.1	— 0.1	2.1	64
Rajshahi	000	0	0	07	03	96	03	0	120	79	7	2	3	2	1	79	73	— 1	+ 3	0.0	— 0.1	2.0	—
Bogra	000	0	5	13	02	96	02	1	119	79	3	5	4	2	1	65	69	0	0	0.0	— 0.1	1.5	69
Dinajpur	000	0	0	00	00	96	01	1	109	81	4	0	9	2	1	69	73	—	+ 7	0.0	— 0.1	1.0	72
Rangpur	000	0	6	13	02	96	03	0	081	81	6	0	9	2	0	75	64	+ 4	— 2	0.0	— 0.1	1.2	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	100	69	0	0	9	0	0	47	58	— 4	— 1	0.0	0.0	2.0	19
Sialkot																							32
Jhelum	008	0	0	00	00	97	02	0	109	64	0	0	9	0	0	51	56	—	—	0.0	—	3.4	—
Islamabad	800	0	0	00	00	96	00	0	///	65	0	0	9	0	0	40	58	+ 3	—	0.0	—	6.9	—
Rawalpindi	000	0	0	09	02	98	00	0	111	60	0	0	9	0	0	45	54	—	— 2	0.0	— 0.1	8.5	34
Campbellpur																							—
Khushab	000	0	0	36	01	98	00	0	101	58	0	0	9	0	0	51	54	+ 3	— 10	0.0	0.0	1.8	15
Sargodha	800	0	0	09	03	96	04	0	100	65	0	0	9	0	0	47	54	—	—	0.0	—	1.7	..
Lyallpur	000	0	0	00	00	96	00	0	086	65	0	0	9	0	0	56	54	+ 1	— 6	0.0	0.0	1.2	13
Sahiwal																							10
Multan	000	0	0	00	00	97	02	0	099	65	0	0	9	0	0	50	64	+ 2	+ 1	0.0	0.0	0.8	7
Leiah																							8
Khanpur	005	0	0	05	03	96	02	0	075	65	0	0	9	0	0	43	54	0	— 7	0.0	0.0	1.7	6
Bahawalpur	000	0	0	00	00	96	00	0	088	64	0	0	9	0	0	38	56	+ 5	— 6	0.0	0.0	0.4	6
Fort Abbas	...	..	..	...	...	...	...	..	...	...	..	...	-	...	---	---	...						8
Chakdra	000	0	0	05	02	98	02	0	107	56	0	0	9	0	0	43	47	—	—	0.0	—	6.3	—
Peshawar	000	0	0	00	00	97	02	0	110	60	0	0	9	0	0	47	54	+ 5	— 3	0.0	— 0.2	3.3	11
Haripur	000	0	0	07	03	98	00	0	102	69	0	0	9	0	0	59	56	—	—	0.0	—	7.4	—
Bannu	000	0	0	31	02	99	00	1	094	65	0	0	9	0	0	49	58	—	—	0.0	—	1.6	11
D. I. Khan	000	0	0	00	00	97	02	0	100	64	0	0	9	0	0	47	//	—	—	0.0	— 0.1	7.7	9
Sibi	000	0	0	00	00	97	02	0	091	64	0	0	9	0	0	56	55	+ 2	—	0.0	—	0.9	5
Nokkundi	000	0	0	31	05	97	02	0	086	67	0	0	9	0	0	56	63	—	—	0.0	—	2.5	2
Turbat	000	0	0	05	02	98	00	0	119	74	0	0	9	0	0	48	70	—	—	0.0	—	0.7	—
Jiwani	000	0	0	27	03	96	02	0	086	74	0	0	9	0	0	71	48	—	—	0.0	—	8.3	8
Pasni	000	0	0	25	08	97	02	0	078	64	0	0	0	0	0	64	57	—	—	0.0	— 0.1	2.5	6
Ormara	000	0	0	00	00	96	03	3	092	75	1	6	6	0	0	72	//	—	—	0.0	— 0.1	2.9	6
Lasbela	000	0	0	00	00	98	00	0	089	67	0	0	8	0	0	62	62	—	—	0.0	—	0.0	8
Karachi (Manora)	004	0	4	27	07	96	02	1	083	75	4	6	4	0	0	70	74	— 3	+ 3	0.0	0.0	1.1	8
Karachi (Airport)	800	0	4	00	00	96	05	0	089	75	4	6	5	0	0	69	60	—	—	0.0	—	3.0	—
Nagarparkar	000	0	0	00	00	97	02	0	112	74	0	0	0	0	0	61	74	—	—	—	—	—	—
Chhor	000	0	0	23	07	96	02	0	084	71	0	0	9	0	0	67	64	—	—	0.0	—	2.5	7
Hyderabad	000	0	0	20	02	97	03	0	088	72	0	0	9	0	0	67	67	+ 3	— 2	0.0	0.0	1.1	9
Badin	000	0	0	23	05	97	02	0	096	71	0	0	9	0	0	66	69	+ 3	+ 1	0.0	0.0	0.1	—
Padidan	000	0	1	03	02	97	02	0	081	66	0	0	9	0	0	56	56	—	—	0.0	—	0.9	—
Nawabshah	000	0	0	13	05	96	02	0	079	66	0	0	9	0	0	61	56	—	—	0.0	—	0.4	4
Sukkur	000	0	0	13	05	96	02	0	080	75	0	0	9	0	0	41	66	—	—	0.0	—	0.9	—
Kashmore																							4
Jacobabad	000	0	0	09	03	96	02	0	081	74	0	0	9	0	0	34	66	0	— 1	0.0	0.0	2.1	10
Veraval																							26
HILL STATIONS																							
Srinagar *																							—
Gulmarg **																							71
Sonamarg **																							26
Dras **																							3
Leh **																							6
Skardu *																							—
Misgar **																							—
Aliabad *																							5
Gilgit *																							89
Murree *																							18
Drosh *																							19
Cherat *	000	0	0	00	00	98	02	0	489	62	0	0	9	0	0	32	56	+ 9	+ 3	0.0	— 0.1	5.5	—
Kakul *	000	0	0	36	02	99	03	0	488	59	0	0	9	0	0	32	51	—	—	0.0	—	14.2	—
Landikotal *	000	0	0	36	02	98	02	0	477	62	0	0	9	0	0	47	45	—	—	0.0	—	3.6	29
Parachinar *	000	0	0	00	00	98	02	0	499	58	0	0	9	0	0	21	45	+ 5	+ 1	0.0	—	5.1	13
Miranshah *	000	0	0	05	05	99	00	0	479	60	0	0	9	0	0	40	56	—	—	0.0	— 0.3	0.1	11
Wana *																							13
Fort Sandeman *	000	0	0	23	03	97	02	0	484	57	0	0	9	0	0	35	50	— 5	— 3	0.0	— 0.1	2.8	—
Hindubagh *	000	0	0	00	00	97	02	0	///	40	0	0	9	0	0	31	30	—	—	0.0	—	1.6	9
Loralai *	000	0	0	18	04	98	00	0	475	55	0	0	9	0	0	46	65	—	—	0.0	—	0.0	—
Barkhan *																							14
Harnai *	000	0	0	31	03	96	02	0	461	67	0	0	9	0	0	34	56	—	—	0.0	— 0.1	3.8	9
Samungli (Quetta) *	000	0	0	00	00	96	03	0	504	49	0	0	9	0	0	35	36	—	—	0.0	— 0.1	2.9	9
Chaman *	000	0	0	09	02	97	02	0	513	62	0	0	9	0	0	42	52	+ 4	— 2	0.0	0.0	7.7	—
Nushki *	000	0	0	00	00	97	02	0	518	68	0	0	9	0	0	29	64	—	—	0.0	—	3.5	4
Dalbandin *	000	0	0	00	00	98	03	1	476	59	0	0	9	0	0	38	52	+ 2	— 3	0.0	0.0	3.3	7
Kalat *	000	0	0	12	03	88	00	2	504	50	0	0	9	0	0	19	32	+ 1	— 7	0.0	— 0.1	3.0	—
Khuzdar *	000	0	0	00	00	96	02	0	475	63	0	0	9	0	0	25	55	—	—	0.0	—	2.6	3
Panjgur *	...	..	..	...	...	...	...	..	...	...	...	...	...	...	—	...	—	0					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day
When over 990 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 2nd APRIL, 1970.

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
ARABAIN SEA														
Baltistan	99 1 06	10 5 87	01 0 63	02 5 05	98 0 20	15 0 81	00 9 00	13 1 10			0/ 1 21	12 5 77	30 2 01	..
Almahrosa	99 1 96	10 6 28	01 1 23	02 7 07	99 0 20	11 8 81	·00 9 00	73 7 15			00 2 23		30 5 02	..
Theage	99 2 00	10 6 40	01 1 23	02 8 10	98 0 20	10 5 79	00 9 00	...			0/ / 19	12 6 78	30 2 01	...
Chevrouthragu	99 2 10	10 6 28	01 1 83	02 7 10	98 0 20	11 8 25	00 9 00	...			0/ / 22	12 3 26	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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	011 218 17	...	500 162 81	116 038 //	506 129 58	744 205 58	951 335 56	225 330 57	...	...	—	...	—
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	005 274 28	...	480 144 21	061 050 36	573 291 //	743 185 //	951 291 //	236 381 //	...	...	—	...	—
Multan ...	00 00	—	...	MISDA	...	...	...	...	...	—	...	..	...	...
Peshawar ...	00 00	967 124 57	...	405 134 57	049 050 58	569 141 57	736 237 //	940 391 //	210 517 //	—	...	-	...	...
Quetta ...	00 00	819 100 58	—		098 112 //	578 109 //	746 231 //	983 321 //	...	—	...	..	...	...
Sargodha ...	00 00	993 160 52	..	450 114 63	024 800 50	564 175 //	728 245 //	932 351 //	989 461 //	...	—	—	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{ss}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	900 162 07	800 120 26	600 065 65	350 261 59	...	—	—	...	—	—	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	..	...	—	...	...	..	—	...	...	...	...	...
Multan ...	00 00	MISDA	...	...	...	...	...	—	...	...	—	...	—
Peshawar ...	00 00	...	...	...	...	...	...	—	...	—	...	...	...
Quetta ...	00 00	600 007 //	...	...	...	...	...	—	...	...	—	...	...
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 ...	205 11	205 15	215 14	250 09	..		...	—	-	185 38	705 12	240 09	345 03	300 83	...
Bogra ...	255 90	270 08	270 10	305 //	310 15	305 16	...	...	—	150 88	220 07	...	...	...	..
Chaklala ...	..	285 10	310 05	305 05	205 04	320 05	320 03	...		...	090 09	130 03			...
Chhor ...	200 05	340 04	240 04	260 60	280 05	285 03	295 40	205 13	280 10	265 20	260 19	270 23	205 03	230 05	180 05
Chittagong ...	210 19	210 18	205 13	230 06	220 18	225 25	.	—	.	120 08	110 91	285 02	270 09	260 16	270 12
Cherat ...	.	..	...	...	—	...	...	...	...	...	...	..	..	...	...
Cox's Bazar ...	185 17	198 15	185 20	180 13	235 08	255 23	...	...	...						—
Dacca ...	165 27	170 15	180 10	200 08	245 08		...	...	...	110 09	135 11	245 10	/// //	245 01	
Dalbandin ...	.		220 01	290 05	305 09	315 11	340 14	325 12	345 16		...	055 10	040 14	350 12	325 16
D. I. Khan ...	180 03	205 03	160 03	130 03	180 02	135 02	305 11	305 18	310 19	195 05	190 07	185 07	715 06	245 03	055 06
Drosh ...	...	...	...	...	...			...	...	...	...	...	010 01	085 07	020 10
Fort Sandeman ...	...	...	...	310 04	275 05	280 05	295 14	305 20	310 10	—	—	..	190 03	270 01	285 08
Gilgit ...	—	—	...	200 02	130 01	260 05	275 27	260 04	015 01	...		..	315 03	360 04	...
Ishurdi ...	215 09	225 10	240 19	260 15	..	—	...		..	150 07	220 03			...	
Jacobabad ...	245 02	275 03	275 03	265 03	275 06	335 12	305 18	345 13	350 31	120 14	130 09	150 04	130 03	020 03	345 09
Jessore ...	No	Ascent	...	—	...	...				190 16	195 6	270 07	065 03	115 04	240 14
Jhelum ...	290 07	270 12	285 12	310 07	315 09	330 05	355 15	361 05	340 29	080 06	110 17	085 11	320 18	300 11	335 16
Jiwani ...	255 12	260 10	260 11	295 09	350 07	010 11	340 11	345 15	345 25	285 14	785 22	285 21	290 17	315 14	300 07
Karachi ...	255 14	295 10	300 12	300 10	295 08	280 05	315 08	310 10	345 12	280 13	280 13	280 12	233 06		
Khanpur ...	330 06	340 06	340 08	335 08	295 05	215 05	245 08	250 15	295 05	...	110 02	110 07	150 04	040 07	080 12
Khuzdar ...	...	...		155 04	225 07	310 12	360 17	340 17	330 17	..	...		345 08	360 13	340 18
Lahore ...	285 04	310 05	315 06	290 07	295 10	320 13	335 18	315 18	320 21	255 06	260 08	290 08	290 86	310 05	330 04
Multan ...	135 03	135 10	135 09	090 12	080 11	305 03	310 19	295 26	320 18	135 08	135 07	130 00	200 05	265 06	315 05
Nawab Shah ...	305 03	310 05	320 03	255 07	255 11	265 10	315 17	300 15		-	...				
Nokkundi ...	...	...	310 15	325 35	210 15	065 10	065 25	050 22	060 33	...	..	330 03	025 08	055 09	085 14
Panjgur ...	...	..	..	355 10	360 09	355 11	260 16	005 19	025 24	-			0:0 10	350 15	325 21
Peshawar ...	...	...	...	..	...	—	...	..	...	...	360 04	360 09	310 07	325 06	310 06
Parachinar ...	...	...	...	061 03	145 01	/// //	305 33	..		...	...	...	280 06	225 05	..
Quetta ...	.	.		..	295 01	295 09	335 15	335 22	345 12	...			...	...	
Sargodha ...	220 04	235 06	240 06	330 08	335 15	325 12	335 11	335 23	345 38	330 02	330 05	295 08	265 09	305 06	345 06
Skardu ...	..		...			315 02	280 02	250 01	270 04	...					180 06
Sylhet ...	005 07	335 05	250 11	360 20	275 26	...	...	—	...	105 16	115 04	250 02	260 07	250 13	280 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	5	26	27
Barisal ...	210 13	205 13	210 11	225 09	210 07	170 08	...	.	...	...	...
Bogra ...	140 03	145 06	180 06		...	...	..			...	
Chaklala ...	...	160 04	135 04	125 03	005 05	300 89	300 05	360 04	030 07	040 07	085 21
Chhor ...	145 11	025 09	345 19	170 11	320 22	010 07	320 18	..	...	...	—
Chittagong ...	..	...	.	—	..	...	...	—	—	...	-
Cherat ...	...	.	.	...	..	...	.	..	...	...	...
Cox's Bazar ...	195 18	185 19	180 16	255 11	250 08	270 21	260 22	...	...	.	..
Dacca ...	115 04	180 02	230 04	2 0 07	270 09	..	..	—	...	.	...
Dalbandin ...	.	...	350 01	090 01	075 05	030 04	025 18	350 19	340 15	340 16	300 25
D. I. Khan ...	205 06	215 06	100 80	200 08	180 07	190 03	020 04	360 //	350 21	345 32	310 41
Drosh ...	—	—	...	...	...	—	—		...		
Fort Sandeman ...	...		—	320 02	215 01	245 05	260 11	270 14	270 19	290 27	295 48
Gilgit ...	...		...	320 02	215 01	245 05	260 11	270 14	270 19	290 27	295 45
Ishurdi ...	170 04	175 04	020 02	060 01	185 09	...		...	...	...	...
Jacobabad ...	...	.	.	...	...	...	...	.	...	...	...
Jessore ...										...	...
Jhelum ...	120 01	140 05	165 03	315 11	310 13	330 12	340 13	010 10	030 10		.
Jiwani ...	260 08	285 09	305 11	290 08	025 06	020 10	335 10	350 10	305 11	315 21	300 30
Karachi ...	260 09	215 06	250 10	255 09	305 03	035 05	340 09	345 11	330 17		..
Khanpur ...	355 09	360 10	010 11	010 10	015 00	040 04	160 04	070 09	355 08	250 17	250 27
Khuzdar ...	.	...	—	335 03	355 03	340 07	340 16	350 19	340 18	230 78	..
Lahore ...	355 02	330 03	335 04	335 08	330 11	305 10	310 08	300 08	320 07	350 09	360 19
Multan ...	130 04	125 09	120 15	105 12	085 07	295 07	330 06	015 08	355 13	323 10	270 38
Nawab Shah ...	110 05	105 02	200 00	105 01	035 05	360 07	330 21	335 22	340 24	...	...
Nokkundi ...	...	...	295 06	300 03	290 07	271 01	310 14	310 18	310 17	..	...
Panjgur ...	...	...		345 13	340 17	355 13	361 07	330 12	315 15	...	..
Peshawar ...	..	080 14	330 22	315 11	325 09	318 04	070 15	010 27	015 17	028 30	310 33
Parachinar ...	...	...	—	...	...				—	-	—
Quetta ...	...			...	310 04	005 17	005 11	330 17	005 15		—
Sargodha ...	155 02	295 04	290 06	005 05	010 03	010 08	355 18	350 12	335 18	340 21	350 37
Skardu ...	—	...	...	300 04	225 02	295 02	220 04	005 06	015 10	..	-
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 ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

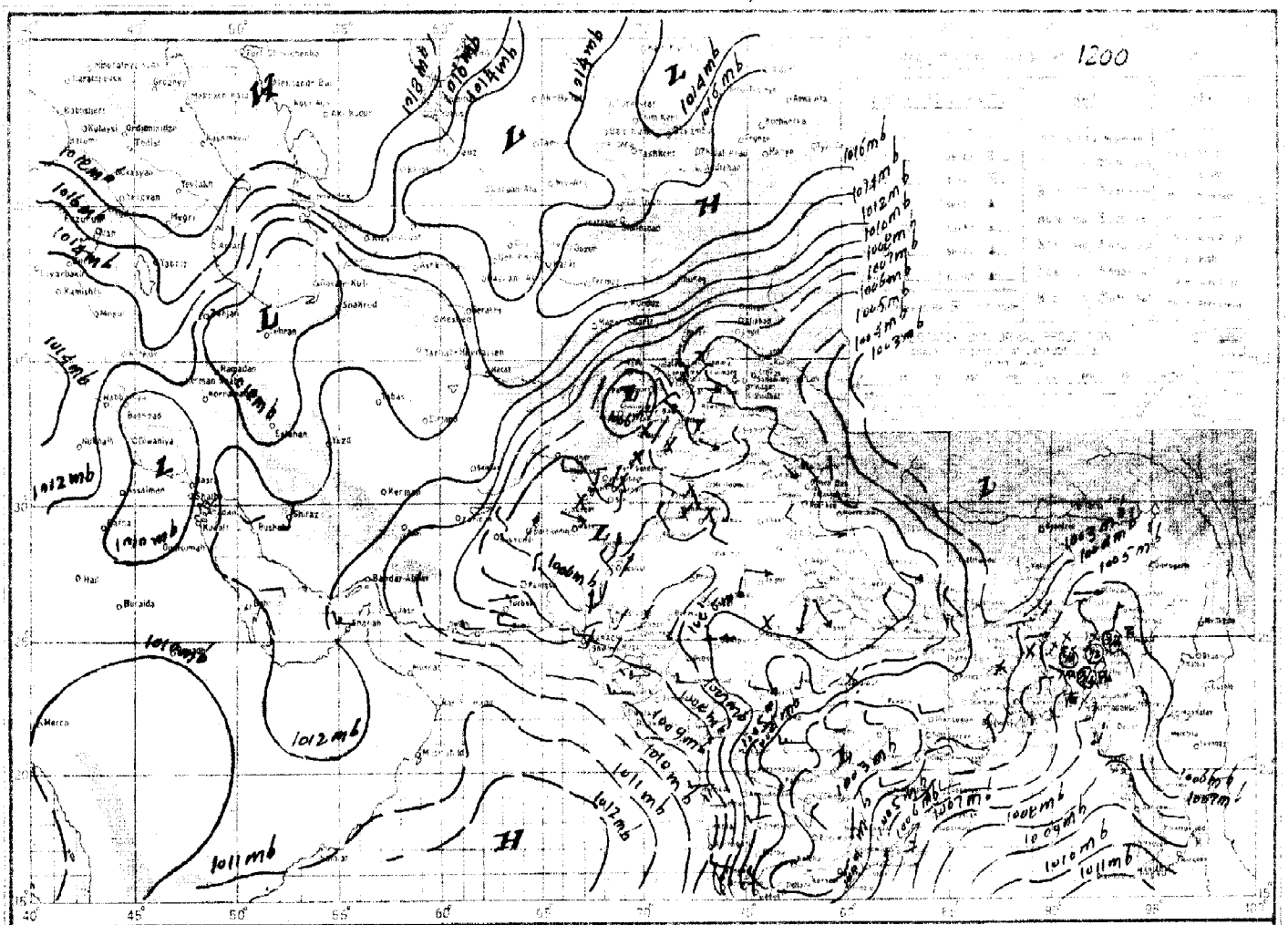
† The actual time of observations may vary within half an hour of the specified time.

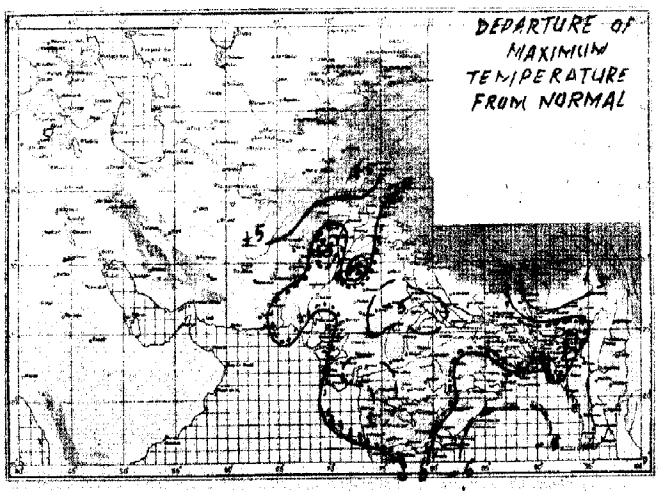
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

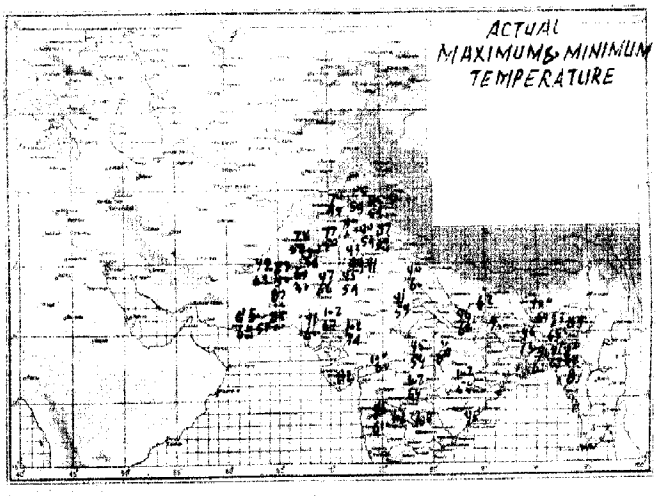
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st APRIL, 1970.



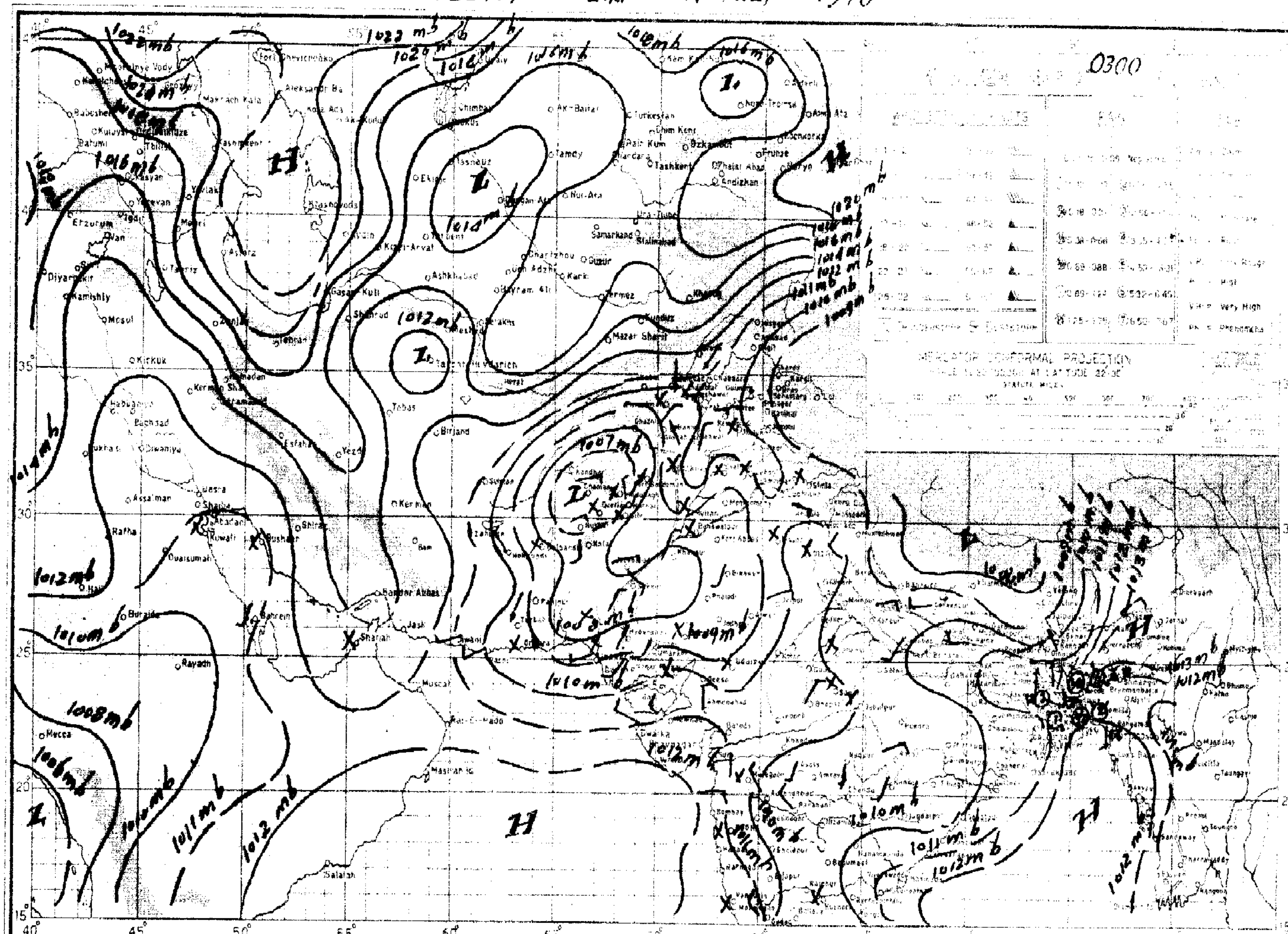


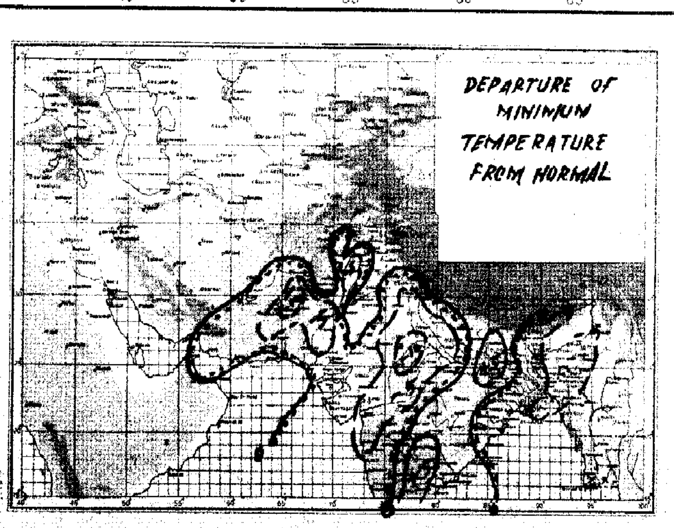


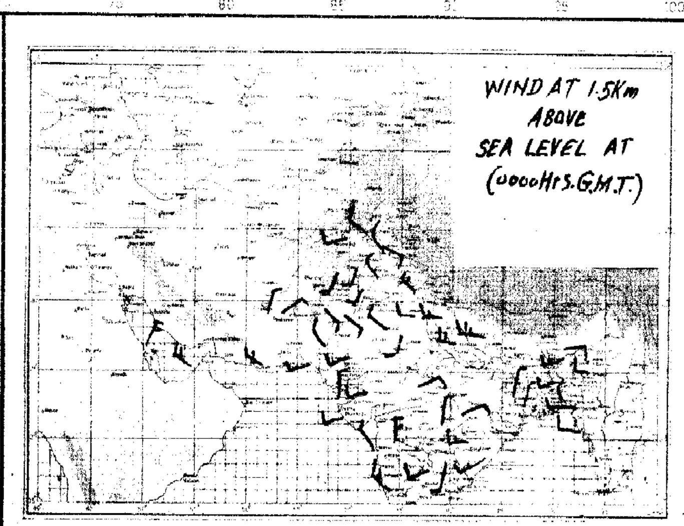
REG. No. 924 RWP 69-70 [illegible]

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd APRIL, 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

FRIDAY THE 3rd APRIL. 1970.

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

Yesterday's western disturbance over Quetta and D. I. Khan divisions slightly moved northeastwards. Weather remained dry over west Pakistan.

The trough of low pressure over West Pakistan and adjoining Orissa persists.

Yesterday's westerly low pressure wave over northern divisions of East Pakistan moved away eastwards. Another westerly wave is moving northern divisions of East Pakistan.

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

Chief amounts of rainfall are : Khulna, Satkhira 1" each, Pabna ¾", Jessore ½", Faridpur and Barisal ¼" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Dacca and Rajshahi divisions and 3—7 °F (2—4 °C) above normal in Rawalpindi, Sargodha, Peshawar, Malakand, D. I. Khan, Kalat and Hyderabad divisions.

Forecast valid until the evening of 4th April, 1970 :— Local rain/thundershowers with squally winds are likely in East Pakistan. A few dust/thunderstorms are likely in D. I. Khan, Peshawar, Malakand, Rawalpindi, Lahore, Sargodha and Multan divisions. Dry weather is likely elsewhere over West Pakistan.

Karachi-11
The 3rd April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
for Director, Meteorological Service.

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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	3	23	05	96	04	2	089	85	4	3	6	7	1	71	90
	Cox's Bazar	000	0	6	31	06	96	03	0	087	85	5	5	4	3	0	76	90
	Chittagong	000	0	7	27	07	96	03	2	087	85	4	3	4	3	0	72	87
	Maijdee Court	000	0	8	00	00	96	03	2	074	82	6	3	5	2	0	73	87
	Comilla	000	0	0	08	00	96	95	2	084	85	7	4	4	0	0	80	90
	Brahmanbaria	000	0	7	18	02	98	02	1	080	85	7	3	5	0	0	73	90
	Sylhet	000	0	4	00	00	96	03	0	080	80	1	5	5	3	0	67	87
	Srimangal	000	0	0	00	00	94	00	0	083	85	0	0	9	0	0	70	90
Dacca	Mymensingh	000	0	8	13	02	92	03	2	079	85	8	7	3	0	0	73	91
	Narayanganj	0'0	0	8	00	00	96	07	2	080	82	2	9	5	7	0	73	87
	Dacca (Tejgaon)	000	0	8	06	02	97	07	2	099	82	2	7	5	0	0	70	90
	Faridpur																	
Khulna	Barisal	016	2	8	00	00	96	95	9	098	72	4	7	4	7	0	62	91
	Khulna	125	4	6	00	00	97	02	0	031	73	7	4	4	0	7	67	91
	Satkhira	0 0	9	8	09	03	96	03	5	080	73	8	3	6	0	0	68	93
	Jessore	013	3	8	19	07	96	95	9	081	73	5	3	4	2	0	70	90
Rajshahi	Pabna	080	2	3	13	07	96	95	9	093	87	3	3	6	0	0	63	91
	Sirajganj	000	8	8	00	00	96	02	2	072	86	8	0	7	1	0	64	87
	Rajshahi	000	0	5	00	00	96	02	2	072	85	3	4	5	3	0	70	91
	Bogra	000	0	0	00	00	96	02	2	070	86	3	8	5	7	0	68	91
	Dinajpur	000	0	0	00	00	96	00	0	005	90	0	0	9	0	0	72	91
	Rangpur	000	0	0	00	00	96	01	0	040	82	0	0	9	0	0	72	00
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	97	02	0	076	87	0	0	9	0	0	34	90
	Sialkot	..	...	...	..	..	...	..	..	..	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	1	27	03	98	02	0	074	87	1	1	7	0	1	43	90
	Islamabad	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	0	27	02	98	08	0	072	86	0	0	9	0	0	45	87
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	065	90	0	0	9	0	0	76	91
	Sargodha	000	0	0	23	02	97	02	0	077	90	0	0	9	0	0	36	91
	Lyallpur	000	0	4	00	00	97	00	0	087	87	0	0	9	0	0	54	90
Multan	Sahiwal	000	0	0	09	03	97	02	0	074	87	0	0	9	0	0	34	93
	Multan	000	0	0	36	00	95	00	0	078	87	0	0	9	0	0	45	87
	Leiah																	
Bahawalpur	Khanpur	000	0	0	09	00	97	02	0	061	95	0	0	9	0	0	30	96
	Bahawalpur	000	0	0	00	00	96	00	0	067	93	0	0	9	0	0	36	95
	Fort Abbas	000	0	0	00	00	98	00	0	062	90	0	0	9	0	0	50	93
Malakand	Chakdra	000	0	0	32	02	98	02	0	044	82	0	0	9	0	0	57	82
Peshawar	Peshawar	000	0	0	05	02	98	04	0	070	85	0	0	9	0	0	43	//
	Haripur	000	0	0	23	02	97	00	0	075	82	0	0	9	0	0	48	82
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	065	87	0	0	9	0	0	38	90
	D. I. Khan	000	0	0	00	00	97	02	0	///	90	0	0	9	0	0	30	91
Quetta	Sibi	000	0	0	18	03	97	02	0	040	98	0	0	9	0	0	62	99
	Nokkundi	000	0	0	00	00	96	02	0	022	93	0	0	9	0	0	//	95
Kalat	Turbat	000	0	0	27	02	98	00	0	083	00	0	0	9	0	0	45	01
	Jiwani	000	0	0	25	12	96	02	0	067	83	0	0	9	0	0	63	85
	Pasni	000	0	0	25	10	97	02	0	067	86	0	0	0	0	0	74	90
Karachi Division	Ormara	...	..	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...
	Lasbela	000	0	3	13	03	98	00	0	045	92	0	0	8	0	0	52	04
	Karachi (Manora)	000	0	0	00	00	97	03	0	069	82	2	6	4	0	0	73	//
	Karachi (Airport)	000	0	2	23	05	96	05	0	068	82	0	0	9	0	1	68	87
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	099	96	0	0	0	0	0	52	02
	Chhor	000	0	0	00	00	96	02	0	055	99	0	0	9	0	0	47	99
	Hyderabad	000	0	0	23	05	97	02	0	057	96	0	0	9	0	0	56	99
	Badin	000	0	0	00	00	97	02	0	072	99	0	0	9	0	0	52	02
Khairpur	Padidan	000	0	0	31	02	97	02	0	056	96	0	0	9	0	0	33	98
	Nawabshah	000	0	0	00	00	96	02	0	061	80	0	0	9	0	5	98	00
	Sukkur	000	0	0	32	02	96	02	–	058	98	0	0	9	0	0	53	01
	Kashmore																	
	Jacobabad	000	0	0	13	03	97	02	0	061	97	0	0	9	0	0	36	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	0	05	03	99	02	0	472	73	0	0	9	0	0	58	76
Peshawar	Cherat *	000	0	0	00	00	98	00	0	502	78	0	0	9	0	0	70	76
	Kakul *	000	0	1	21	05	99	03	0	484	72	1	1	5	0	0	36	76
	Landikotal *	000	0	0	05	05	98	02	0	460	80	0	0	9	0	0	67	82
	Parachinar *	..	..	...	...	...	...	...	..	...	...	..	..	...	..	...	...	..
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	485	82	0	0	9	0	0	49	82
	Wana *	000	0	0	00	00	98	00	0	491	76	0	0	9	0	0	49	78
Quetta	Fort Sandeman *	000	0	0	05	05	97	02	0	474	77	0	0	9	0	0	//	79
	Hindubagh *	000	0	0	23	13	97	02	0	///	53	0	0	9	0	0	56	54
	Loralai *	000	0	0	18	03	97	00	0	475	70	0	0	9	0	0	38	75
	Barkhan *																	
	Harnai *	000	0	0	23	02	96	02	0	465	84	0	0	9	0	0	55	85
	Samungli (Quetta) *	000	0	3	26	03	97	03	0	479	75	0	0	9	0	1	78	77
	Chaman *	000	0	0	27	03	97	02	0	486	80	0	0	9	0	0	65	82
	Nushki *	000	0	0	00	00	97	02	0	324	85	0	0	9	0	0	42	/
	Dalbandin *	000	0	4	13	02	98	03	1	488	88	4	0	9	3	0	57	89
Kalat	Kalat *	000	0	0	36	02	98	00	2	470	70	0	0	9	0	0	20	72
	Khuzdar *	000	0	0	06	00	97	02	0	463	83	0	0	9	0	0	26	84
	Panjgur *																	

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

Division (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total 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)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st April, 1970 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1970 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	...	...	–	..	...	...	...			...			...			...	...	–					
	Cox's Bazar	000	0	6	09	02	94	02	1	132	85	4	4	4	2	0	67	79	+ 3	–	–	–	–	140
	Chittagong	305	7	7	05	08	96	01	6	128	75	3	5	4	3	0	69	73	– 1	+ 1	0.1	– 0.2	0.8	109
	Maijdee Court	...	...	...	...	..	...	.	..	...	...	–	...	..	...		..	.	– 1					115
	Comilla	...	...	..	...	..	...	..	..	...	..	..	–	..	...	..	..	..	– 2					94
	Brahmanbaria	..	..	...		..	..	..	..	...	...	...	...	...	..	..	..		–					78
	Sylhet	...	...	..		...	...	..	..	...	...	...	..		..	..	...	..	–					–
	Srimangal	..	..	...	...	..	...	...	..	...	...	...	...		..	..		...	– 1					98
Dacca	Mymensingh	000	0	4	00	00	97	00	0	147	80	2	4	5	2	0	64	71	/	+ 1	0.0	– 0.3	2.2	91
	Narayanganj	015	0	3	13	02	97	02	2	144	80	3	6	6	0	0	69	69	– 2	– 4	2.2	+ 1.9	3.8	74
	Dacca (Tejgaon)	016	0	5	18	02	96	01	2	144	78	3	0	9	4	1	64	71			0.5	–	2.9	–
	Faridpur	018	0	2	16	02	97	01	1	143	80	0	0	9	0	1	64	64	– 3	– 8	0.2	– 0.0	3.6	71
Khulna	Barisal	032	2	8	05	03	96	02	2	141	75	4	7	4	2	0	68	69	– 1	– 5	0.7	+ 0.4	5.0	81
	Khulna	100	9	4	18	03	99	02	0	137	75	2	2	4	0	0	70	69	– 2	– 4	3.0	+ 1.9	5.9	68
	Satkhira	089	4	4	36	04	97	00	0	150	73	3	2	9	1	1	66	64	– 2	– 9	1.0	+ 1.0	4.7	66
	Jessore	050	9	0	30	00	97	01	9	149	75	3	0	9	3	1	66	67	–	–	3.0	+ 2.9	6.8	65
Rajshahi	Pabna	080	9	4	31	05	98	03	9	152	78	4	5	7	0	0	66	69	–	–	0.8	–	3.9	59
	Sirajganj	000	0	6	09	01	98	02	2	147	80	6	0	7	4	0	60	69	– 8	0	0.1	– 0.1	2.1	64
	Rajshahi	000	0	0	00	00	96	02	0	155	79	2	9	3	0	1	66	66	– 6	– 5	0.0	– 0.1	2.0	–
	Bogra	000	0	3	00	00	96	03	0	199	80	1	0	9	3	1	62	69	– 5	0	0.0	– 0.1	1.5	69
	Dinajpur	..		..	..		...		...	..	..	...		..		...	...	...	– 3					72
	Rangpur	000	0	0	18	02	96	01	0	079	82	0	0	9	0	0	75	//	+ 8	–	0.0	– 0.1	1.1	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	138	69	0	0	9	0	0	51	59	– 1	0	0.0	– 0.1	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	072	73	0	0	9	0	0	36	//	–	–	–	–	–	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	144	72	0	0	9	0	0	50	58	–	–	0.0	–	3.4	–
	Islamabad	800	0	0	00	00	96	00	0	///	70	0	0	9	0	0	45	63		–	0.0	–	6.9	–
	Rawalpindi	000	0	0	05	02	98	00	0	151	62	0	0	9	0	0	45	56	+ 5	0	0.0	– 0.2	8.5	36
	Campbellpur																							–
Sargodha	Khushab	000	0	0	00	00	97	00	0	140	64	0	0	9	0	0	54	59	+ 3	– 5	0.0	– 0.1	1.8	15
	Sargodha	800	0	0	00	00	95	04	0	139	64	0	0	9	0	0	50	54	–	–	0.0	–	1.7	–
	Lyallpur	000	0	0	00	00	96	00	0	134	66	0	0	9	0	0	54	54	+ 1	– 6	0.0	– 0.1	1.2	13
Multan	Sahiwal	000	0	0	27	03	97	02	0	138	//	0	0	9	0	0	45	66	+ 2	+ 3	0.0	0.0	0.8	10
	Multan	000	0	0	36	03	//	//	/	101	66	0	0	9	0	0	56	56	–	–	–	–	–	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	05	05	96	02	0	176	75	0	0	9	0	0	36	66	+ 1	+ 5	0.0	0.0	1.7	6
	Bahawalpur	000	0	0	00	00	96	00	0	144	82	0	0	9	0	0	45	64	+ 2	+ 2	0.0	0.0	0.4	6
	Fort Abbas	000	0	0	36	03	98	00	0	087	77	0	0	9	0	0	53	60	–	–	–	–	–	8
Malakand	Chakdra	000	0	0	00	00	98	00	0	144	56	0	0	9	0	0	46	49	–	–	0.0	–	6.3	–
Peshawar	Peshawar	000	0	1	00	00	97	02	0	150	62	0	0	9	0	0	52	54	–	– 3	0.0	– 0.2	3.3	11
	Haripur	000	0	0	05	03	98	00	0	144	68	0	0	9	0	0	50	58	–	–	0.0	–	7.4	–
D. I. Khan	Bannu	000	0	2	27	02	99	01	0	135	60	0	0	9	0	5	46	58	–	–	0.0	–	1.6	11
	D. I. Khan	000	0	0	00	00	97	02	0	143	64	0	0	9	0	0	54	58	+ 3	– 3	0.0	– 0.1	7.7	9
Quetta	Sibi	000	0	0	13	03	97	02	0	130	68	0	0	9	0	0	56	60	–	–	0.0	–	0.9	5
	Nokkundi	000	0	0	09	03	96	02	0	098	74	0	0	9	0	0	43	63	–	–	0.0	–	2.5	2
Kalat	Turbat	000	0	0	13	02	98	00	0	138	72	0	0	9	0	0	53	70	–	–	0.0	–	0.7	–
	Jiwani	000	0	6	09	02	96	03	1	101	71	4	6	4	3	0	69	68	–	–	0.0	–	8.3	5
	Pasni	000	0	4	//	06	97	02	0	099	74	4	0	9	0	0	74	//	+ 1	–	0.0	– 0.1	2.5	6
Karachi Division	Ormara	000	0	2	02	07	96	03	3	114	76	1	1	6	0	0	71	//	–	–	0.0	– 0.1	2.9	4
	Lasbela	...	..	..	..	..	..	..	...	..	...	..	–	.	...	...	...	...	–					9
	Karachi (Manora)	000	0	0	00	00	96	02	0	109	74	0	0	9	0	0	70	71	– 1	0	0.0	0.0	1.1	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	113	70	0	0	9	0	0	67	66	–	–	0.0	–	3.0	–
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	112	74	0	0	0	0	0	61	74	–	–	0.0	–	–	–
	Chhor	000	0	0	00	00	96	02	0	112	73	0	0	9	0	0	61	66	–	–	0.0	–	2.5	7
	Hyderabad	000	0	0	11	02	97	02	0	117	75	0	0	9	0	0	66	60	0	– 1	0.0	0.0	1.1	9
	Badin	000	0	0	23	01	97	02	0	098	72	0	0	9	0	0	67	69	+ 2	+ 1	0.0	0.0	0.1	–
Khairpur	Padidan	000	0	0	00	00	97	02	0	116	69	0	0	9	0	0	48	57	–	–	0.0	–	0.9	–
	Nawabshah	000	0	0	09	02	96	02	0	122	71	0	0	9	0	0	64	62	–	–	0.0	–	0.4	4
	Sukkur	000	0	0	05	05	96	02	0	120	74	0	0	9	0	0	18	67	–	–	0.0	–	0.9	–
	Kashmore																							4
	Jacobabad	000	0	0	09	03	96	03	0	123	75	0	0	9	0	0	39	67	0	– 0	0.0	0.0	2.1	10
Junagadh	Veraval																							38
	HILL STATIONS																							
Kashmir	Srinagar *																							–
	Gulmarg **																							71
	Sonamarg **																							30
	Dras **																							3
	Leh **																							4
	Skardu *																							–
	Misgar **																							–
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *																		+ 11					10
Malakand	Drosh *	000	0	0	00	03	99	01	1	547	57	1	0	9	3	2	53	50	+ 11	–	–	–	–	19
Peshawar	Cherat *	000	0	0	18	03	98	02	0	521	62	0	0	9	0	0	49	54	+ 7	+ 3	0.0	– 0.2	5.5	–
	Kakul *	000	0	0	36	03	99	02	0	455	60	0	0	9	0	0	40	54	–	–	0.0	–	14.2	–
	Landikotal *	000	0	0	36	02	98	01	0	485	62	0	0	9	0	0	46	49	–	–	0.0	–	3.6	19
	Parachinar *	000	0	0	00	00	98	02	0	533	60	0	0	9	0	0	27	49	–	+ 5	0.0	–	5.1	10
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	512	64	0	0	9	0	0	40	60	–	–	0.0	– 0.3	0.1	11
	Wana *	000	0	0	00	00	98	00	0	506	56	0	0	9	0	0	//	45	–	–	–	–	–	10
Quetta	Fort Sandeman *	000	0	0	18	02	97	02	0	513	59	0	0	9	0	0	25	52	– 3	– 1	0.0	– 0.1	2.8	–
	Hindubagh *	000	0	0	00	00	97	02	0	///	36	0	0	9	0	0	//	33	–	–	0.0	–	1.6	9
	Loralai *	000	0	0	09	05	98	00	0	470	50	0	0	9	0	0	36	55	–	–	0.0	–	2.1	–
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	501	69	0	0	9	0	0	41	60	–	–	0.0	– 0.1	3.7	9
	Samungli (Quetta) *	000	0	0	13	05	96	02	0	527	57	0	0	9	0	0	29	45	–	0	0.0	– 0.2	2.9	9
	Chaman *	000	0	0	09	03	97	02	0	448	64	0	0	9	0	0	47	54	+ 8	0	0.0	0.0	7.7	–
	Nushki *	000	0	0	00	00	97	02	0	550	72	0	0	9	0	0	32	67	–	–	0.0	–	3.5	4
	Dalbandin *	000	0	0	00	00	98	02	0	496	//	0	0	9	0	0	42	50	+ 2	– 5	0.0	0.0	3.3	7
Kalat	Kalat *	000	0	0	13	02	98	00	2	524	48	0	0	9	0	0	27	30	+ 4	– 11	0.0	– 0.1	3.0	–
	Khuzdar *	000	0	0	00	00	96	02	0	509	64	0	0	9	0	0	41	36	–	–	0.0	–	2.4	5
	Panjgur *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0300 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 3rd APRIL, 1970.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hs	0TsTsTdTd	1TwTwTwT	3PwPwHwHw	d dwPwHwH
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Almahroosa	99 2 13	30 6 13	02 0 03	02 6 06	98 0 20	09 9 25	00 9 00	73 7 10	...	...	05 2 22	...	30 5 11	
Bordercoaste	99 2 98	10 6 34	02 0 63	02 6 12	98 0 00	11 0 27	00 0 00	23 1 17	01 1 24	12 5 69	...		30 3 03	24 7 02
Dwarka	99 2 50	10 6 29	02 0 63	02 6 15	99 0 20	09 8 25	00 9 00	63 2 05	–	...	01 1 23	...	30 5 02	25 7 03
Almahroota	99 2 21	10 6 03	02 0 61	02 4 10	98 0 20	12 2 60	00 0 00	73 1 08	...	...	03 1 21	...	30 5 01	23 5 02
Uamsyuk	99 1 96	18 6 30	02 0 63	08 1 00	98 0 20	12 9 26	00 0 00	34 1 13	...	...	07 / 21	12 6 77	30 5 01	18 2 01
Ohrmaza	99 1 49	10 7 30	02 0 60	03 6 02	90 0 00	...	...	...	...	...	...		...	–
Border	99 2 18	10 6 49	02 1 23	02 6 12	98 0 00	07 8 26	00 0 00	23 4 00	–	...	...	12 5 50	30 3 02	...

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 TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong														
Dacca	00 00	922 230 23	..	457 230 12	114 020 56	574 139 //	740 245 16	954 550 //	215 545 //	395 615 //	...	–	...	–
Gilgit														
Jiwani														
Karachi	00 00	007 200 22	...	400 144 55	074 030 //	571 125 //	789 205 //	948 290 //	...	...	...	–	...	–
Multan	00 00	997 200 65	...	845 156 84	133 096 61	579 091 //	747 156 84	958 315 //	231 525 //	415 575 //	...	...	...	...
Peshawar	00 00	971 125 86	...	346 098 57	047 022 57	569 125 57	336 221 //	942 353 //	217 481 //	406 485 //	–	–	–	...
Quetta	00 00	820 150 46	–	...	115 080 69	578 135 //	746 189 //	955 399 //	235 425 //	428 477 //	...	–	...	–
Sargodha	00 00	997 154 58	...	420 144 58	080 845 56	572 115 //	740 211 //	947 331 //	...	...	...	–	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TT Td 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													
Dacca	00 00	900 175 07	800 052 57	600 073 57	350 291 //	...	–	–	...	...	–	...	–
Gilgit													
Jiwani													
Karachi	00 00	...	...	–	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	808 190 74	600 021 //	350 265 //	250 033 69	...	...	...	...	...	...	...
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	115 03	115 23	105 29	200 04	270 13	305 16	...	–	–
Bogra	...	...	...				...	...	–
Chaklala	–	260 06	260 04	235 03	225 04	065 04	005 09	035 18	021 16
Chhor	235 02	290 02	320 02	330 02	095 02	045 06	350 13	345 22	325 22
Chittagong	285 17	285 08	225 09	350 06	185 06	240 09	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	290 09	285 11	285 12	320 08	055 02	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...
Dalbandin	...		065 01	085 01	329 01	320 11	005 10	305 17	295 12
D. I. Khan	140 08	140 09	155 08	170 08	180 07	155 08	275 03	295 12	300 12
Drosh	–	...	...	045 08	360 12	325 07	315 05	030 09	025 19
Fort Sandeman	...	...	...	315 02	030 05	120 06	015 04	360 19	025 15
Gilgit	–	–	...	220 02	125 02	180 03	185 06	270 09	005 11
Ishurdi	210 15	220 20	225 03	250 05	252 03	275 25	–		...
Jacobabad	135 09	165 08	165 07	260 04	275 06	345 04	330 19	345 18	010 25
Jessore	115 08	120 08	160 12	120 12	110 13	120 11	250 06	...	
Jhelum	300 05	235 04	260 04	310 08	310 12	360 10	030 14	015 12	350 44
Jiwani	255 16	250 10	260 07	250 03	360 03	360 11	335 14	340 19	325 22
Karachi	245 08	010 01	275 01	265 04	295 03	035 04	335 12	335 15	315 16
Khanpur	005 12	315 02	315 03	340 03	345 06	305 05	245 07	275 04	310 09
Khuzdar	...	...			...			...	...
Lahore	290 04	325 04	310 07	305 10	310 12	315 10	295 08	325 10	325 12
Multan	100 08	115 06	120 05	080 04	015 05	315 09	355 41	350 33	345 33
Nawab Shah	095 01	080 01	350 01	060 05	025 05	340 11	355 19	305 37	320 34
Nokkundi	...	...	329 14	340 11	305 06	275 06	295 05	240 07	255 09
Panjgur	...						...	...	...
Peshawar	..	265 01	/// //	225 02	245 02	295 01	040 08	/// //	315 10
Parachinar	...	...	...	...			...	...	...
Quetta	...			...	335 08	295 06	020 05	355 15	320 11
Sargodha	170 05	195 03	250 03	290 07	315 08	315 14	005 09	050 13	010 33
Skardu	...			190 31	060 01	310 05	050 02	335 06	330 04
Sylhet	070 06	095 04	220 04	275 09	300 15	225 10	...	...	.
Veraval	...	...		.	...	.		...	...

At 0800 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	175 09	175 12	155 10	140 08	145 08	...
Bogra	340 07	325 09	345 09	250 06	250 10	
Chaklala	...	310 05	295 03	270 31	185 02	330 06
Chhor	295 02	305 16	025 04	025 05	030 05	045 10
Chittagong	245 15	245 10	250 10	310 06	310 07	330 05
Cherat	...	...				...
Cox's Bazar	005 19	040 19	040 11	035 15	025 16	355 17
Dacca	035 07	280 08	280 10			
Dalbandin			115 08	170 05	245 15	240 02
D. I. Khan	160 11	230 07	295 11	215 08	025 10	040 07
Drosh	...	...	...	045 03	035 04	060 08
Fort Sandeman	...	...	...	215 04	300 14	[illegible] 19
Gilgit	...			300 02	100 04	290 04
Ishurdi	235 17	285 12	280 16	355 12	010 06	340 07
Jacobabad	125 06	125 07	145 10	185 15	220 28	255 02
Jessore	250 05	180 2	190 20	260 04	300 06	140 06
Jhelum	155 05	150 10	150 07	065 07	075 01	080 08
Jiwani	265 10	763 06	285 10	...		...
Karachi	285 07	215 02	125 07	100 05	090 07	070 09
Khanpur	080 06	070 06	050 05	360 06	340 09	315 20
Khuzdar	..	...		280 04	285 07	270 15
Lahore	110 04	070 04	310 04	290 03	215 09	295 13
Multan	140 19	120 16	100 14	100 11	040 07	300 07
Nawab Shah	315 10	310 06	275 04	005 10	350 10	010 18
Nokkundi	...	..	005 03	360 04	005 21	360 12
Panjgur	.	...				
Peshawar	...	340 07	020 11	185 07	180 61	200 08
Parachinar	...	..	...	175 03	075 03	..
Quetta	...			...	...	...
Sargodha	035 04	260 06	295 08	355 03	005 03	020 05
Skardu	...					330 01
Sylhet	120 10	120 05	245 02	/// //	185 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
Barisal	020 08	010 08	235 03	085 03	055 07	045 07	310 17	.	305 21	...	...
Bogra	060 01	050 04	010 05	330 10	..	..	...	...	...	...	–
Chaklala	..	140 03	240 02	310 05	335 07	070 10	310 06	290 15	310 15	325 11	–
Chhor	035 06	050 11	105 09	103 15	111 17	110 17	100 21	070 11	151 13	175 06	330 12
Chittagong	020 16	020 14	285 05	320 04	330 04	340 05	..	..	..	...	.
Cherat	.	...	..	..	..	...	–	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	..	..	–	...	..
Dacca	340 08	340 05	030 03	040 07	300 06	270 13	320 12	...	...	.	...
Dalbandin	–	...	...	...	...	...	–	–	...	–	–
D. I. Khan	–	–	...	...	.	...	–	..	...		..
Drosh	–	..	...	..	...	–		...	...	...	...
Fort Sandeman	.	...	.	...	...	...	...	...	...	..	...
Gilgit	...					...	..	...	...	...	...
Ishurdi	290 04	280 05	280 03	355 08	320 06				...		
Jacobabad	090 17	115 17	115 17	080 05	215 30	160 04	075 10	020 09	305 09	255 13	290 08
Jessore	350 06	330 06	345 07	005 06	080 03	045 05	335 15	295 02	...	...	..
Jhelum						.	...	...	...	..	–
Jiwani	135 05	235 07	255 06	310 06	320 04	..	...	.	..	..	..
Karachi	095 06	105 08	115 08	110 12	095 14	075 13	050 02	340 09	300 04		...
Khanpur	095 10	105 12	110 12	110 13	115 13	075 03	325 13	310 14	335 09	055 17	040 15
Khuzdar	..	...	..	180 07	115 02	100 07	065 06	225 05	260 09	285 12	295 25
Lahore	020 16	020 14	355 05	330 04	330 04	340 05	..		...	...	.
Multan	195 07	175 10	165 07	135 07	120 05	330 01	015 20	330 15	325 15	305 19	290 22
Nawab Shah	010 05	060 04	085 04	095 09	[illegible]	050 13	270 06	320 07	300 09		..
Nokkundi	...	...	095 07	165 04	235 02	055 09	100 07	360 01	360 04	185 16	...
Panjgur	...			...	...	...			...	...	...
Peshawar	.	030 39	020 09	330 13	230 18	240 13	305 11	295 08	300 10	305 15	280 17
Parachinar	...	...	...	.							–
Quetta	...	..		...	165 11	145 11	010 04	275 09	275 11	285 11	...
Sargodha	195 04	290 02	290 04	270 03	360 07	322 03	005 14	350 12	310 15	305 13	305 21
Skardu		...	...	...	–	...	–	–	–	.	–
Sylhet	105 06	100 08	055 12	065 09	080 04	230 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	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan																		
Peshawar																		
Quetta																		
Sargodha																		

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

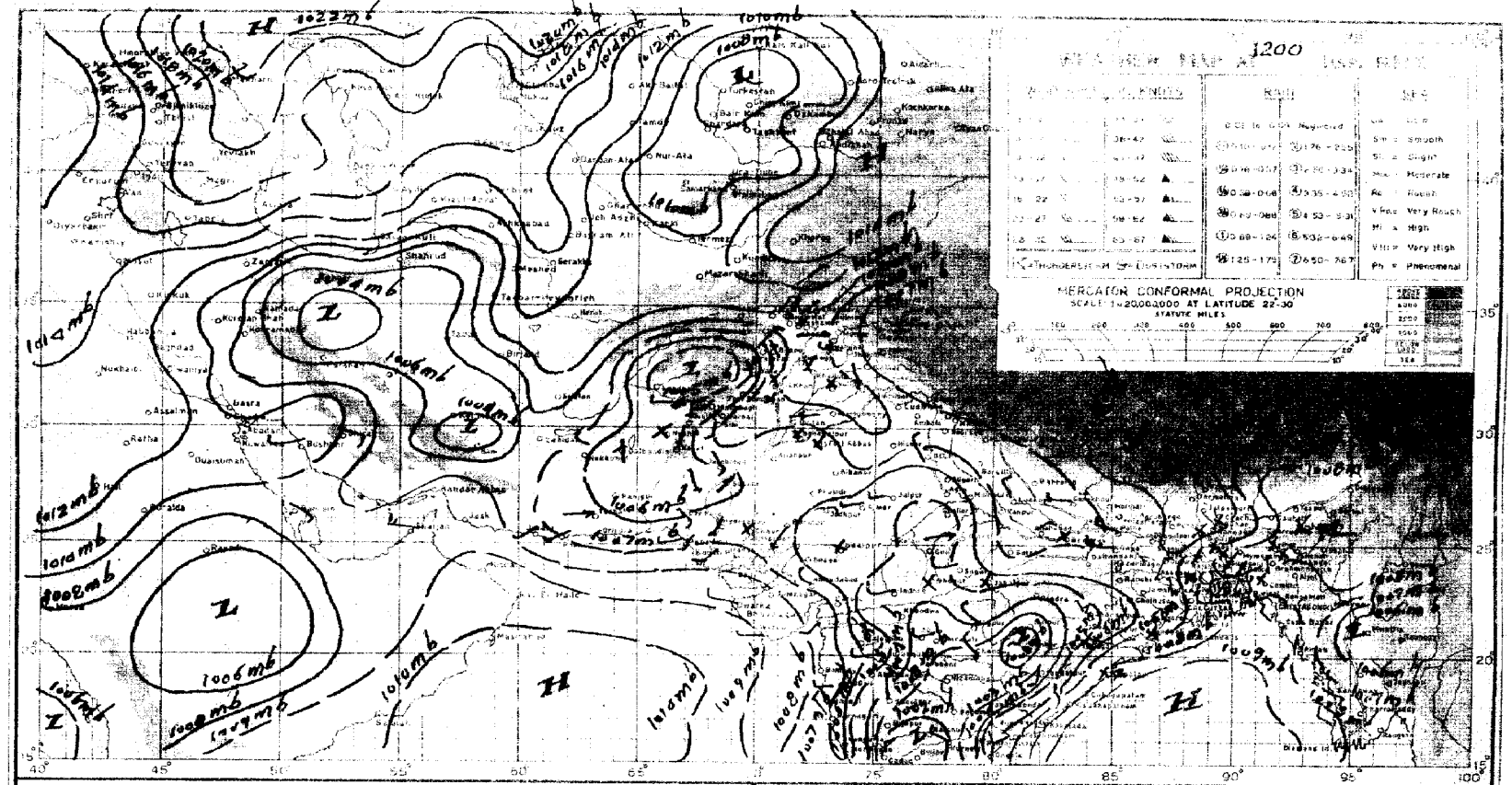
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd negative [illegible]

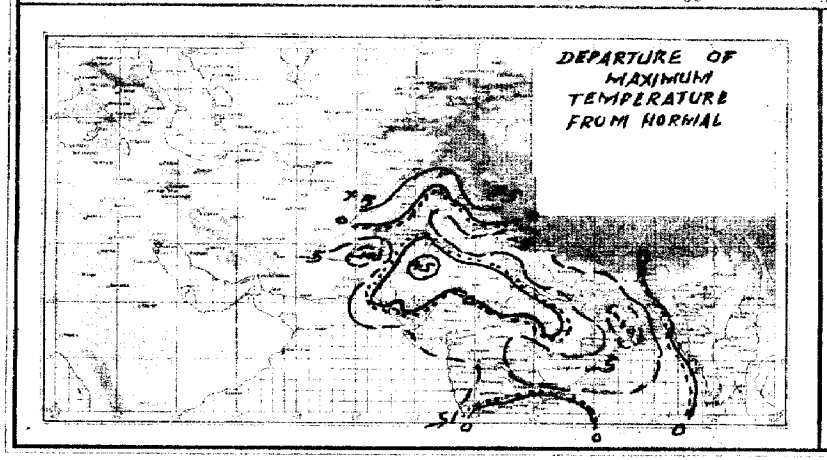
† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 (knots),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

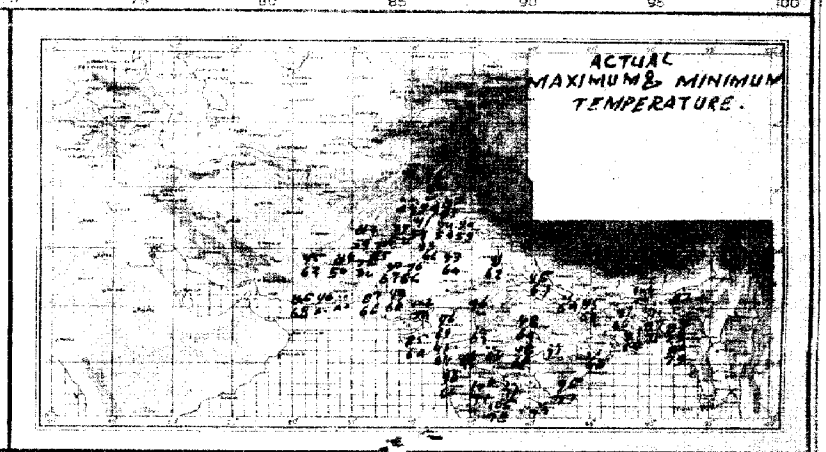
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd APRIL, 1970.







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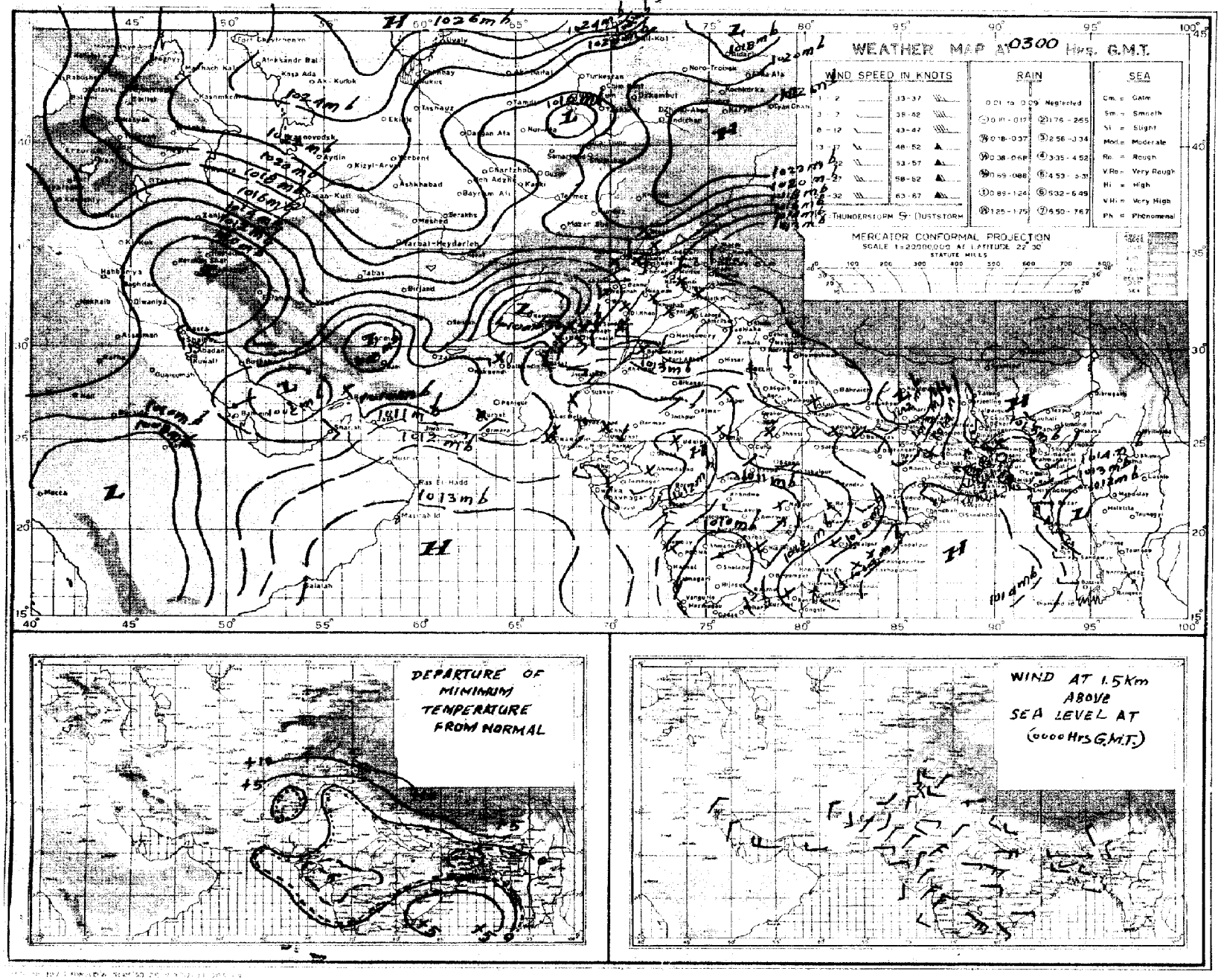
PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd APRIL, 1970



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SATURDAY THE 4th APRIL, 1970.

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

Yesterday's western disturbance over D. I. Khan division and neighbourhood now lies over Peshawar division and adjoining areas. Its secondary over Kalat division now lies over Quetta division. Weather remained dry in west Pakistan.

Yesterday's low pressure over southwest Rajasthan and anjoining areas persists.

The rrough of low pressure over West Bengal and adjoining Orissa persists.

The westerly low pressure wave over northern districts of East Pakistan persists. Weather remained dry in East Pakistan.

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

Forecast valid until the evening of 5th April, 1970 :—Local rain/thundershowers likely over Khulna and Rajshahi divisions, scattered in Dacca, Chittagong, Quetta, Kalat, Peshawar and Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely to occur over Lahore, Sargodha Multan, Khairpur and Hyderabad divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 4th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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	000	0	5	23	02	96	04	1	109	82	3	3	6	0	0	73	90
	Cox's Bazar	000	0	5	36	02	96	01	2	104	84	3	0	9	2	1	64	87
	Chittagong	080	0	4	00	00	96	03	2	094	82	0	0	9	3	0	73	87
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	3	08	00	97	01	1	100	87	5	0	9	7	0	73	90
	Brahmanbaria	000	0	2	09	05	96	01	2	106	81	1	2	5	3	0	65	87
	Sylhet	000	0	5	00	00	96	02	0	097	84	2	5	4	1	2	69	90
	Srimangal																	
Dacca	Mymensingh	000	0	2	00	00	96	01	1	108	87	2	5	5	0	0	59	91
	Narayanganj	000	0	0	33	02	93	00	2	103	87	0	0	9	0	0	59	91
	Dacca (Tejgaon)	000	0	2	00	00	97	02	0	104	87	2	0	9	3	0	57	91
	Faridpur	000	0	0	20	02	97	00	0	086	86	0	0	9	0	0	64	91
Khulna	Barisal	000	0	5	00	00	97	02	2	103	86	0	0	0	0	0	73	90
	Khulna	000	0	0	00	00	97	00	0	095	75	0	0	9	0	0	65	94
	Satkhira	000	0	5	18	05	96	03	1	///	85	8	0	9	3	0	73	87
	Jessore																	
Rajshahi	Pabna	000	0	0	00	00	98	02	1	095	86	0	0	9	0	0	69	91
	Sirajganj	000	0	0	00	00	98	02	0	090	91	0	0	9	0	8	54	91
	Rajshahi	000	0	3	00	00	96	02	0	098	87	0	0	9	3	0	64	94
	Bogra	000	0	4	23	05	96	03	1	080	90	2	4	5	3	1	51	94
	Dinajpur	000	0	0	00	00	96	00	0	085	91	0	0	9	0	0	64	95
	Rangpur	000	0	0	00	00	96	01	0	041	86	0	0	9	0	0	73	00
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	113	90	1	0	9	2	0	28	91
	Sialkot	000	0	0	00	00	97	00	0	010	87	0	0	9	0	0	60	96
Rawalpindi	Jhelum	000	0	1	23	05	98	01	0	106	87	0	0	9	0	1	47	94
	Islamabad	000	0	0	00	00	98	09	0	105	86	0	0	9	0	0	41	98
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	106	91	0	0	9	0	0	75	95
	Sargodha	000	0	0	31	03	97	02	0	113	92	0	0	9	0	0	41	93
	Lyallpur	000	0	0	29	02	97	00	0	102	87	0	0	9	2	7	43	90
Multan	Sahiwal	000	0	0	13	03	97	02	0	103	94	0	0	9	0	0	38	95
	Multan	000	0	0	36	03	95	00	0	075	86	0	0	9	0	0	50	86
	Leiah																	
Bahawalpur	Khanpur	000	0	0	08	00	97	02	0	091	//	0	0	9	0	0	25	99
	Bahawalpur	000	0	0	00	00	96	00	0	060	94	0	0	9	0	0	81	96
	Fort Abbas	000	0	0	00	00	98	00	0	105	90	0	0	9	0	0	58	94
Malakand	Chakdra	000	0	2	03	07	97	03	0	080	84	0	0	9	0	0	51	//
Peshawar	Peshawar	000	0	5	00	00	97	03	0	105	84	0	0	9	0	0	45	//
	Haripur	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	0	36	02	97	00	0	113	84	0	0	9	0	0	35	87
	D. I. Khan	000	0	0	00	00	97	02	0	103	91	0	0	9	0	0	32	94
Quetta	Sibi	000	0	0	18	03	97	02	0	113	98	0	0	9	0	0	66	99
	Nokkundi	000	0	0	00	10	97	03	0	042	93	5	0	9	3	0	44	94
Kalat	Turbat	000	0	0	18	02	98	00	0	120	94	0	0	9	0	0	59	94
	Jiwani	000	0	5	13	07	96	03	1	099	85	3	0	9	3	1	59	86
	Pasni	000	0	4	11	02	97	02	0	119	80	4	0	9	0	0	77	82
Karachi division	Ormara	000	0	3	27	07	96	02	2	110	84	3	0	9	0	0	71	87
	Lasbela	000	0	4	23	02	98	00	0	077	01	0	0	9	0	0	53	04
	Karachi (Manora)	000	0	5	23	07	97	03	0	096	82	0	0	9	0	0	75	95
	Karachi (Airport)	000	0	5	23	07	96	01	0	084	94	0	0	9	0	2	42	00
Hyderabad	Nagarparkar	000	0	0	00	00	97	02	0	094	96	0	0	0	0	0	52	02
	Chhor	000	0	0	09	03	96	02	0	075	00	0	0	9	0	0	37	02
	Hyderabad	000	0	4	09	05	97	03	0	065	99	0	0	9	0	1	52	01
	Badin	000	0	0	09	09	97	02	0	090	99	0	0	9	0	0	41	02
Khairpur	Padidan	000	0	0	00	00	97	03	0	089	98	0	0	9	0	5	32	00
	Nawabshah	000	0	2	13	05	96	03	0	089	99	0	0	9	0	2	//	01
	Sukkur	000	0	2	06	03	96	02	0	084	98	0	0	9	0	0	53	03
	Kashmore																	
	Jacobabad	000	0	0	36	05	97	02	0	097	98	0	0	9	0	0	40	99
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	37	02	99	02	0	502	80	0	0	9	0	0	32	83
Malakand	Drosh *	000	0	0	18	03	98	00	0	533	75	0	0	9	0	0	38	81
Peshawar	Cherat *	000	0	0	23	02	99	02	0	52:	75	0	0	9	0	0	38	77
	Kakul *	000	0	0	05	05	98	02	0	492	73	0	0	9	0	0	43	81
	Landikotal *																	
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	495	84	0	0	9	0	0	50	84
	Wana *	000	0	0	00	00	98	00	0	481	79	0	0	9	0	0	50	81
Quetta	Fort Sandeman *	000	0	0	00	00	98	03	0	493	80	1	1	8	0	0	20	81
	Hindubagh *	000	0	0	23	09	97	02	0	///	57	0	0	9	0	0	46	55
	Loralai *	000	0	0	37	06	97	00	0	485	68	0	0	9	0	0	43	75
	Barkhan *																	
	Harnai *	000	0	0	21	02	96	02	0	518	84	0	0	9	0	0	55	86
	Samungli (Quetta) *	000	0	4	13	05	96	03	0	498	74	0	0	9	0	4	29	78
	Chaman *	000	0	0	27	03	97	02	0	504	83	0	0	9	0	0	59	85
	Nushki *	000	0	0	00	08	97	02	0	546	88	0	0	9	0	0	37	86
	Dalbandin *	000	0	7	00	00	98	03	1	505	98	7	0	9	2	0	62	92
Kalat	Kalat *	000	0	0	18	02	97	02	0	489	70	0	0	9	0	0	32	75
	Khuzdar *	000	0	0	13	02	97	02	0	503	81	0	0	9	0	0	28	81
	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	0	4	05	07	97	02	0	159	75	2	2	6	3	0	70	71
	Cox's Bazar	000	0	0	31	02	97	02	0	146	84	0	0	9	0	0	73	70
	Chittagong	000	0	5	31	05	96	02	2	147	82	1	4	5	3	0	70	70
	Maijdee Court	000	0	7	09	00	96	03	2	144	77	0	0	9	2	2	68	72
	Comilla	000	0	6	00	09	96	02	0	141	75	6	4	5	0	0	70	71
	Brahmanbaria	000	0	6	05	02	97	03	1	159	80	6	0	9	5	0	72	73
	Sylhet	000	0	5	05	02	96	02	0	152	80	5	0	9	3	1	70	77
	Srimangal	000	0	4	23	02	96	02	0	146	88	0	0	9	7	2	70	68
Dacca	Mymensingh	000	0	6	00	00	97	02	2	155	87	4	5	4	0	0	70	71
	Narayanganj	000	0	8	23	02	97	02	2	151	80	8	6	4	0	0	70	71
	Dacca (Tejgaon)	000	0	8	00	00	96	02	2	150	78	8	0	9	0	0	70	73
	Faridpur	000	0	8	34	02	97	02	2	133	80	6	4	6	1	0	72	69
Khulna	Barisal	000	0	7	31	03	96	02	0	152	79	3	4	5	1	0	73	73
	Khulna	000	0	8	00	00	97	00	0	140	77	2	3	9	1	1	72	69
	Satkhira	000	0	4	00	00	96	05	0	147	78	0	0	9	3	0	73	71
	Jessore																	
Rajshahi	Pabna	000	0	7	31	02	98	03	2	148	78	7	0	9	5	0	72	71
	Sirajganj	000	0	8	00	00	97	02	2	144	79	7	0	7	4	0	70	60
	Rajshahi	000	0	6	00	00	96	02	2	144	80	1	2	2	5	3	72	73
	Bogra	000	0	7	23	02	96	03	2	138	78	3	5	3	7	0	66	71
	Dinajpur	000	0	3	00	00	96	01	1	143	80	1	0	9	2	0	64	68
	Rangpur	000	0	4	05	02	96	01	0	084	80	4	0	9	2	0	73	64
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	147	72	0	0	9	0	0	46	63
	Sialkot	000	0	0	00	00	96	00	0	060	75	0	0	9	0	0	41	//
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	144	72	0	0	9	0	0	49	58
	Islamabad	000	0	0	00	00	96	00	0	///	72	0	0	9	0	0	40	60
	Rawalpindi	000	0	0	00	80	98	00	0	151	64	0	0	9	0	0	45	54
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	147	66	0	0	9	0	0	62	62
	Sargodha	000	0	1	00	00	94	04	0	142	66	0	0	9	0	0	52	56
	Lyallpur	000	0	0	00	00	96	00	0	136	66	0	0	9	0	0	58	56
Multan	Sahiwal	000	0	3	00	00	97	02	0	137	69	0	0	9	0	2	49	62
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	0	2	09	05	96	01	0	140	75	0	0	9	0	1	38	75
	Bahawalpur	000	0	0	00	00	96	00	0	151	80	0	0	9	0	0	41	66
	Fort Abbas	000	0	0	09	02	98	00	0	108	80	0	0	9	0	0	41	64
Malakand	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	0	0	00	00	97	02	0	150	66	0	0	9	0	0	50	59
	Haripur	000	0	0	05	03	98	00	0	160	69	0	0	9	0	0	30	58
D. I. Khan	Bannu	000	0	2	09	01	99	01	1	144	69	0	0	9	2	0	46	62
	D. I. Khan	000	0	2	00	00	97	02	0	115	69	0	0	9	0	2	54	62
Quetta	Sibi	000	0	0	00	00	97	02	0	150	68	0	0	9	0	0	62	62
	Nokkundi	000	0	0	09	07	96	02	0	///	73	0	0	9	0	0	45	68
Kalat	Turbat	000	0	0	09	02	98	00	0	154	73	0	0	9	0	0	49	//
	Jiwani	000	0	6	36	03	96	03	4	117	70	3	6	4	3	0	69	67
	Pasni	000	0	3	29	04	97	02	0	119	69	3	0	9	0	0	64	//
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	000	0	3	09	00	98	00	0	127	70	0	0	8	0	0	60	68
	Karachi (Manora)	000	0	2	36	05	96	01	0	108	78	0	0	9	0	7	52	72
	Karachi (Airport)	000	0	3	02	05	96	03	0	011	75	0	0	9	0	0	43	66
Hyderabad	Nagarparkar	000	0	0	00	00	97	02	0	112	74	0	0	0	0	0	61	74
	Chhor	000	0	4	05	03	96	03	0	114	79	0	0	9	0	0	28	66
	Hyderabad	000	0	3	36	05	97	03	1	123	75	0	0	9	0	0	55	72
	Badin	000	0	0	36	04	97	02	0	120	71	0	0	9	0	0	53	69
Khairpur	Padidan	000	0	0	00	00	97	03	0	009	73	0	0	9	0	5	39	65
	Nawabshah	000	0	7	00	00	96	03	2	132	74	0	0	9	0	3	59	67
	Sukkur	000	0	4	05	05	95	05	4	135	74	0	0	9	0	8	45	62
	Kashmore																	
	Jacobabad	000	0	3	09	03	96	03	0	137	76	0	0	9	0	6	37	67
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	80	99	02	0	560	54	0	0	?	0	0	32	52
Malakand	Drosh *	000	0	0	36	05	98	02	0	537	64	0	0	9	0	0	40	58
Peshawar	Cherat *	000	0	0	34	02	99	02	0	538	62	0	0	9	0	0	36	54
	Kakul *	000	0	0	36	02	98	02	0	436	60	0	0	9	0	0	44	49
	Landikotal *																	
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	519	66	0	0	9	0	0	40	64
	Wana *	000	0	0	00	00	98	00	0	505	56	0	0	9	0	0	36	45
Quetta	Fort Sandeman *	000	0	2	00	00	97	02	0	522	61	0	0	9	0	0	13	51
	Hindubagh *	000	0	0	00	00	98	02	0	///	36	0	0	9	0	0	34	29
	Loralai *	000	0	0	00	00	98	00	0	475	//	0	0	9	0	0	36	53
	Barkhan *																	
	Harnai *	000	0	0	31	02	96	02	0	511	70	0	0	9	0	0	46	42
	Samungli (Quetta) *	000	0	1	13	02	96	03	0	540	59	0	0	9	0	1	46	47
	Chaman *	000	0	0	09	03	97	02	0	513	70	0	0	9	0	0	53	42
	Nushki *	000	0	0	09	05	97	02	0	570	73	0	0	9	0	0	34	69
	Dalbandin *	000	0	1	00	00	98	03	0	513	69	1	0	9	2	0	53	59
Kalat	Kalat *	000	0	0	13	02	88	00	2	530	54	0	0	9	0	0	30	31
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar		— 1	—	—	—	140
	Chittagong	— 1	— 1	0.1	— 0.3	0.8	109
	Maijdee Court	— 1	— 2	—	—	—	115
	Comilla	—	— 2	—	—	—	94
	Brahmanbaria	—	—	—	—	—	78
	Sylhet	—	—	—	—	—	—
	Srimangal	— 1	+ 1	—	—	—	98
Dacca	Mymensingh	—	+ 1	0.0	— 0.3	2.2	91
	Narayanganj	— 2	— 2	2.2	+ 1.6	3.8	74
	Dacca (Tejgaon)	—	—	0.5		2.9	—
	Faridpur	— 1	— 3	0.2	— 0.1	2.6	71
Khulna	Barisal	— 2	—	0.7	+ 0.3	5.0	81
	Khulna	—	— 4	1.0	+ 0.1	4.7	68
	Satkhira	—	—	3.0	+ 2.8	6.3	66
	Jessore						65
Rajshahi	Pabna	—	—	0.8	—	3.9	59
	Sirajganj	— 4	— 9	0.1	— 0.2	2.1	64
	Rajshahi	— 3	+ 2	0.0	— 0.1	2.0	—
	Bogra	— 2	+ 2	0.0	— 0.2	1.5	69
	Dinajpur	+ 1	+ 2	—	—	—	72
	Rangpur	—	—	0.0	— 0.2	1.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	0	+ 4	0.0	— 0.1	2.0	19
	Sialkot	+ 5	—	—	—	—	32
Rawalpindi	Jhelum	—	—	0.0	—	5.4	—
	Islamabad	—	—	0.0	—	6.9	—
	Rawalpindi	—	0	0.0	— 0.3	8.5	36
	Campbellpur						—
Sargodha	Khushab	— 3	— 2	0.0	— 0.1	1.8	15
	Sargodha	—	—	0.0	—	1.7	—
	Lyallpur	+ 1	— 4	0.0	— 0.1	1.2	13
Multan	Sahiwal	+ 4	— 1	0.0	0.0	0.8	18
	Multan	—					7
	Leiah						8
Bahawalpur	Khanpur	+ 4	+ 14	0.0	0.0	1.7	6
	Bahawalpur	+ 3	+ 4	0.0	0.0	0.4	6
	Fort Abbas	—	—	—		—	8
Malakand	Chakdra						—
Peshawar	Peshawar	—	+ 2	0.0	— 0.3	3.3	11
	Haripur	—	—	0.0	—	7.4	—
D. I. Khan	Bannu	—	—	0.0	—	1.6	11
	D. I. Khan	+ 6	+ 1	0.0	— 0.1	7.7	9
Quetta	Sibi	—	—	0.0	—	0.9	5
	Nokkundi	—	—	0.0	—	2.5	2
Kalat	Turbat	—	—	0.0	—	0.7	—
	Jiwani	—	—	0.0	—	8.3	5
	Pasni	—	—	0.0	— 0.1	2.5	6
Karachi division	Ormara	—					6
	Lasbela	—	—	0.0	—	0.0	8
	Karachi (Manora)	—	+ 1	0.0	0.0	1.1	8
	Karachi (Airport)	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	—	—	—	—	—	—
	Chhor	—	—	0.0	—	2.5	7
	Hyderabad	+ 3	+ 3	0.0	0.0	1.1	9
	Badin	+ 4	+ 1	0.0	0.0	0.1	—
Khairpur	Padidan	—	—	0.0	—	0.9	—
	Nawabshah	—	—	0.0	—	0.4	4
	Sukkur	—	—	0.0	—	0.9	—
	Kashmore						4
	Jacobabad	+ 2	0	0.0	0.0	2.1	20
Junagadh	Veraval						34
	HILL STATIONS						—
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						3
	Allabad *						89
	Gilgit *						18
Rawalpindi	Murree *	+ 18	+ 7	—	—	—	37
Malakand	Drosh *	+ 12	+ 5	0.0	— 0.3	5.3	—
Peshawar	Cherat *	—	—	0.0	—	14.2	—
	Kakul *	—	—	0.0	—	3.6	29
	Landikotal *						13
	Parachinar *						
D.I. Khan	Miranshah *	—	—	0.0	— 0.4	0.1	11
	Wana *	—	—	—	—	—	13
Quetta	Fort Sandeman *	— 3	— 2	0.0	— 0.2	2.8	—
	Hindubagh *	—	—	0.0	—	1.6	9
	Loralai *	—	—	0.0	—	2.1	—
	Barkhan *						14
	Harnai *	—	—	0.0	— 0.1	3.8	9
	Samungli (Quetta) *	—	—	0.0	— 0.2	2.9	9
	Chaman *	+ 11	+ 8	0.0	0.0	7.7	—
	Nushki *	—	—	0.0	—	3.5	4
	Dalbandin *	+ 5	+ 4	0.0	0.0	3.3	7
Kalat	Kalat *	+ 7	— 10	0.0	— 0.1	3.0	—
	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 0300 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th APRIL, 1970.

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	O$T_sT_sT_dT_d$	1$T_wT_wT_{wt}$T	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Almahroosa	99 2 46	10 5 81	03 0 03	03 1 05	98 0 20	00 0 25	00 0 09		73 0 05		00 3 21		...	
Alsahroosa	99 2 55	10 5 73	03 0 63	33 2 06	98 0 22	11 4 27	00 9 71		73 2 18		03 6 18		30 6 81	
Dwarka	99 0 20	10 5 79	03 1 83	01 7 05	99 0 20	11 2 16	00 9 00		73 2 12		01 0 24		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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong														
Dacca	00 00	012 258 58	..	495 146 63	123 020 63	376 149 59	742 231 62	946 371 06	317 533 //	340 595 //	647 713 //	...	...	—
Gilgit														
Jiwani														
Karachi	00 80	008 220 56	...	600 114 75	481 034 //	584 095 //	754 195 //	966 301 //	254 421 //	...	...	—	...	...
Multan	00 00	999 210 67	...	500 190 03	155 046 //	579 145 //	746 201 //	955 301 //	237 411 //	429 490 //	691 545 //	...	...	...
Peshawar	00 00	973 156 4	...	390 194 62	017 064 59	596 101 59	738 215 //	941 571 //	218 463 //	...	—	—	..	...
Quetta	80 00	822 132 61	—		110 011 //	569 305 //	724 351 //	925 451 //	...	...	...	...	...	-
Sargodha	00 00	998 160 55	...	530 140 59	140 020 57	577 125 //	745 215 //	951 325 //	227 481 //	...	—	—	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong													
Dacca	00 08	908 188 60	800 124 62	620 053 57	350 515 60	...	—	—	...	...	—	...	—
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	—	...	—	...	...	...	...	...
Multan	00 ?0	—	...	...	...	...	...	—	...	...	—	—	—
Peshawar	08 00	...	...	...	...	...	...	—	...	—	—	—	...
Quetta	00 00	—	800 144 65	600 119 //	350 405 //	—	...	—	...	—	—	...	...
Sargodha	00 80	...	...	...	—	...	—	—	...	...	...	...	...

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	325 03	345 04	350 04	020 05	335 07	...	...	—	—
Bogra	260 09	255 10	255 10	240 09	225 12	...	...	...	—
Chaklala	—	235 03	265 03	285 13	290 16	315 04	305 06	315 12	320 13
Chhor	080 05	075 08	080 09	100 44	100 19	125 51	100 10	...	130 44
Chittagong	350 09	010 09	005 09	350 09	345 11	310 12	210 11	205 26	220 30
Cherat	...	...	...	—	...	...	...	...	...
Cox's Bazar	210 25	220 15	230 03	240 05	245 15	250 12	265 20	270 28	275 15
Dacca	200 10	200 08	195 04	190 04	200 02	305 05	301 17	350 15	325 13
Dalbandin	...	...	175 04	150 06	179 08	205 04	325 04	...	...
D. I. Khan	160 13	155 13	155 12	160 03	160 13	170 07	335 13	315 11	315 12
Drosh	...	...	...	265 06	255 07	245 06	195 06	150 10	175 16
Fort Sandeman	...	...	...	340 05	355 05	355 05	205 10	275 15	325 08
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	260 04	270 05	315 06	315 12	310 19	305 15	275 55		...
Jacobabad	010 10	030 09	030 06	100 06	135 05	100 09	160 12	200 16	225 23
Jessore	180 08	170 07	045 04	025 13	335 08	015 13	030 08	..	
Jhelum	230 10	265 09	200 20	270 13	310 13	335 16	025 15	335 13	340 13
Jiwani	195 06	210 09	265 07	095 06	135 06	105 05	110 11	205 07	-
Karachi	230 04	175 06	120 07	105 09	085 12	075 14	060 15	070 14	..
Khanpur	015 20	020 02	020 02	010 04	005 03	025 03	105 07	295 09	205 11
Khuzdar	...			125 06	—	175 03		...	...
Lahore	280 12	285 20	290 15	300 05	300 10	310 20	315 15	320 05	335 20
Multan	120 02	110 02	125 01	315 07	355 07	340 08	301 12	295 15	300 17
Nawab Shah	055 04	090 07	180 08	095 11	055 05	045 10	130 07	325 03	340 05
Nokkundi	...	...	160 04	175 04	140 02	060 04	330 06	...	..
Panjgur	...	..		—	...		...	..	...
Peshawar	...	045 04	145 09	160 03	196 07	255 12	305 19	310 13	301 40
Parachinar	...	...	...	...	...		...	...	...
Quetta	..		...	...	175 06	070 06	290 40	305 10	305 17
Sargodha	280 05	320 01	320 05	265 01	360 03	300 05	320 14	320 13	310 12
Skardu	...		...		—	225 01	245 02	280 01	300 09
Sylhet	090 13	085 15	090 13	185 19	200 05	280 17	285 29	265 67	265 39
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	245 02	225 02	298 02	055 09	348 11	...
Bogra	260 13	255 12	250 10			
Chaklala	...	100 04	060 04	335 06	310 07	315 10
Chhor	055 07	045 07	060 09	095 07	105 17	095 07
Chittagong	320 09	320 09	350 06	335 04	010 04	015 04
Cherat	..	...		...		...
Cox's Bazar	345 12	340 13	355 12	030 11	060 14	095 17
Dacca	270 12	270 10	110 05			
Dalbandin		..	200 04	215 07	200 08	225 18
D. I. Khan	160 08	230 07	240 07	215 08	205 11	220 07
Drosh	...	...	..	030 04	235 04	190 11
Fort Sandeman	..	—	..	055 09	035 09	270 09
Gilgit	...			...	...	
Ishurdi	250 10	245 15	185 05	285 03	295 13	255 13
Jacobabad	080 08	090 06	090 08	140 03	190 07	190 19
Jessore	...	..	...	—	—	
Jhelum			...	—	..	...
Jiwani	095 07	345 03		...		...
Karachi	365 10	020 12	040 14	090 10	095 19	100 11
Khanpur	105 10	125 5	130 16	125 11	115 08	330 13
Khuzdar	..		—	180 07	015 20	335 12
Lahore	295 07	300 08	290 09	305 11	325 08	335 09
Multan	120 05	140 05	175 06	235 07	285 06	260 12
Nawab Shah	100 34	100 26	100 19	115 09	110 10	075 07
Nokkundi	...	...	140 17	150 17	150 13	190 10
Panjgur	..	...			..	...
Peshawar	...	240 01	200 02	180 05	150 01	075 04
Parachinar	...	...	...	270 09	360 03	..
Quetta	..	...		...		
Sargodha	235 05	270 05	320 03	235 06	355 06	330 09
Skardu	..					...
Sylhet	115 15	115 11	110 09	340 10	320 13	–
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	16	19	20	21	22	23	24	5	26	27
Barisal	315 10	360 04	330 01	180 02	070 05	340 13	...	.	..	...	...
Bogra	210 04	185 07	210 09		...	...	...	...	...	...	
Chaklala	..	245 05	270 05	310 06	300 09	300 09	310 12	300 15	310 09	315 09	335 07
Chhor	070 15	070 18	065 17	065 14	080 07	320 15	240 10	215 11	205 11	022 51	023 03
Chittagong	020 03	340 07	350 05	030 09	015 06	200 07	...	..	.	...	
Cherat		...		...		...		..	...	...	...
Cox's Bazar	340 12	350 13	005 13	330 10	005 06	065 06	275 09	245 17	260 21	...	.
Dacca	310 06	270 04	230 06	215 07	165 09	230 09	280 19		..		...
Dalbandin			250 03	225 10	250 03	225 12	205 14	130 06	145 09	215 06	225 17
D. I. Khan	010 12	020 15	028 10	190 13	180 13	285 09	240 03	285 01	330 12	320 12	340 28
Drosh			...			...		...	...	...	...
Fort Sandeman	...	...	..	342 22	310 04	—	—	...	...	...	
Gilgit	..			...		...	...	...	...	...	...
Ishurdi	270 07	225 09	205 11	240 12	305 13	—				...	
Jacobabad	115 04	130 07	131 18	180 04	115 03	085 04	085 19	110 10	190 13	225 12	245 22
Jessore	275 02	310 04	195 02	185 07	250 02	325 07	...	...	...	...	...
Jhelum					...		...		..	..	—
Jiwani	065 08	085 06	095 07	110 15	105 21	070 21	100 17	180 11	210 12	205 14	...
Karachi	055 11	090 12	100 12	105 12	130 12	190 21	170 06	205 09	215 06		...
Khanpur	135 06	135 08	135 12	120 13	100 10	060 03	325 08	045 04	015 18	070 28	150 03
Khuzdar	...	...	...	...	...	—	...	...	...		
Lahore	310 05	320 09	325 10	330 07	335 08	335 09	310 07	245 08	255 09	255 09	275 25
Multan	165 10	170 13	170 16	135 01	215 01	295 10	005 13	060 07	290 07	295 08	310 17
Nawab Shah	105 08	105 12	105 61	095 10	065 11	175 10	175 08	240 10	250 15		. .
Nokkundi	...	...	075 15	085 10	125 10	185 10	165 17	100 08	050 14	190 27	
Panjgur	..	...		220 03	175 04	155 01	095 19	115 08	165 09	705 09	235 17
Peshawar		070 05	345 05	325 06	020 01	270 07	300 13	295 13	310 13	305 17	290 20
Parachinar	...	...	—	..	...	—	—			...	—
Quetta		...		...	160 08	150 03	115 03	160 09			—
Sargodha	265 05	275 06	275 12	265 05	300 03	325 14	345 14	315 12	320 13	315 19	295 27
Skardu		...	...	...	...		..	...	..	...	-
Sylhet	080 08	035 04	300 04	180 04	270 04	315 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	MISDA	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Multan																		
Peshawar																		
Quetta																		
Sargodha																		

Cloud observation Data (Iiiii (dd 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

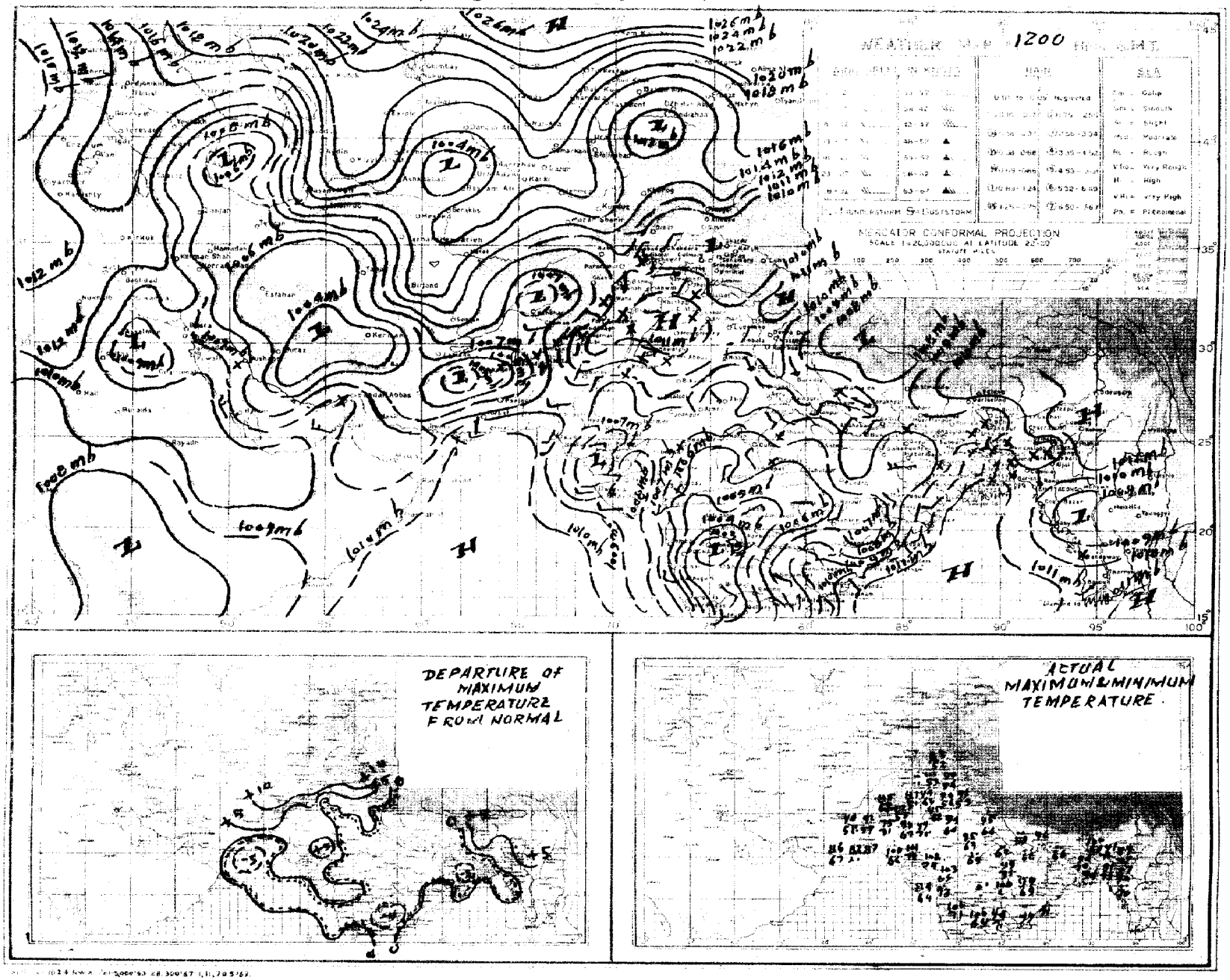
† The actual time of observations may vary within half an hour of the specified time.

* 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 be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port KARACHI—11

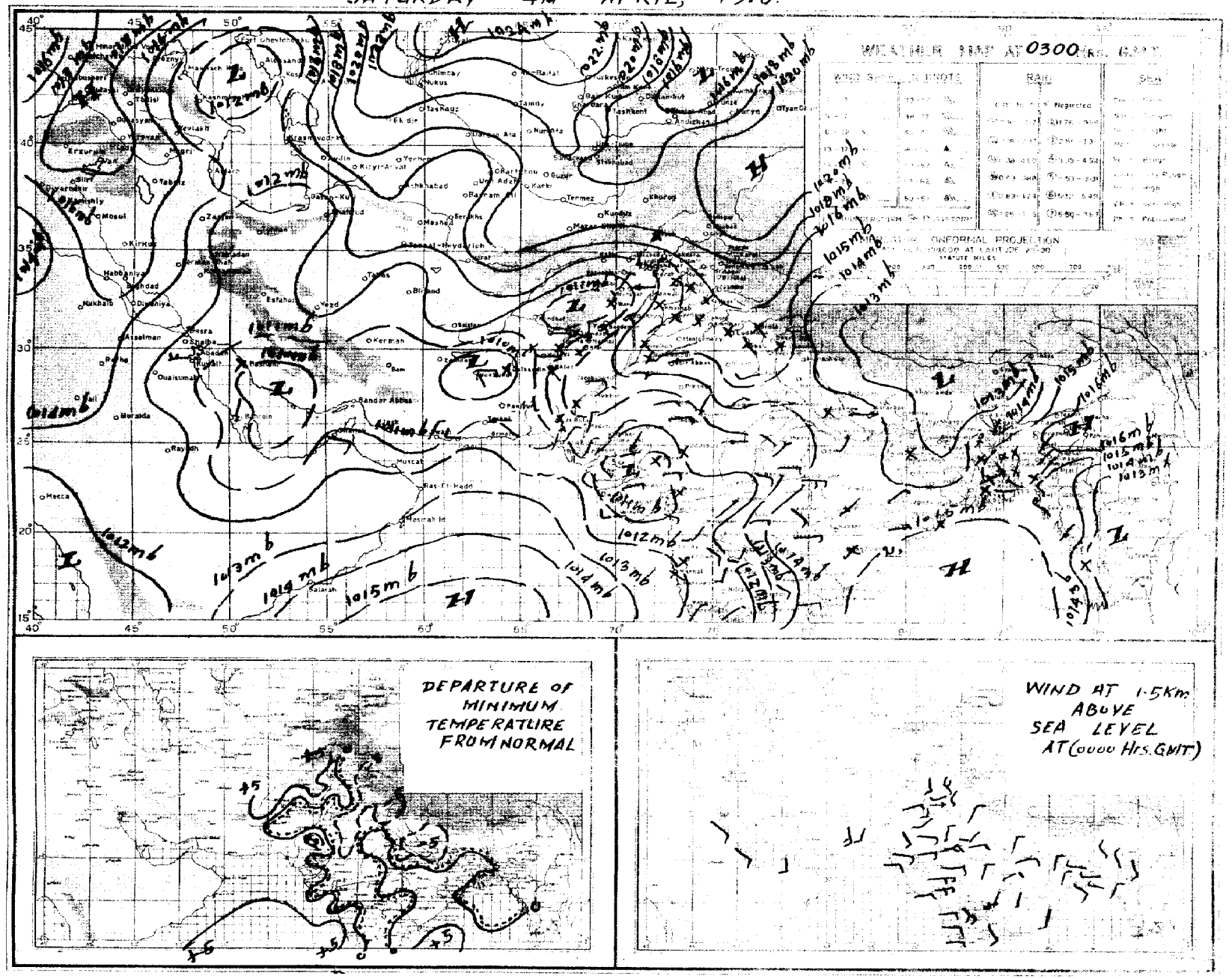
PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd APRIL, 1970.



PAKISTAN DAILY WEATHER MAP

SATURDAY 4th APRIL, 1970.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SUNDAY THE 5th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar division and adjoining areas persists. Its secondary now extends over Quetta, Kalat divisions and adjoining north Arabian Sea.

The low pressure area over southwest Rajasthan and adjoining areas persists. Weather remained dry over west Pakistan.

The trough of low pressure over Orissa and neighbourhood persists.

The westerly low pressure wave over northern districts of East Pakistan moved away. A few thunderstorms/light showers have occurred in Chittagong Rajshahi divisions.

Day temperatures were 3—4 °F (2 °C) below normal in East Pakistan outside Chittagong. These were 9—12 °F (5—7 °C) above normal in Peshawar and Karachi divisions and 3—8 °F (2—4 °C) so elsewhere in West Pakistan outside D. I. Khan. Lahore and Khairpur divisions.

Forecast valid until the evening of 6th April, 1970 :—Scattered thunderstorm/showers are likely in East Pakistan and in Quetta, Kalat, Hyderabad. Khairpur and Karachi divisions. A few dust/thunderstorms are also likely to occur in Multan, Lahore, Sargodha, Rawalpindi and Peshawar divisions and dry weather elsewhere over West Pakistan.

Karachi-11
The 5th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
for Director, Meteorological Service.

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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	1	31	05	96	04	0	108	87	1	1	7	0	0	70	91
	Cox's Bazar	000	0	0	32	12	95	02	0	100	85	0	0	9	0	0	72	96
	Chittagong	000	0	2	31	08	96	02	0	114	85	0	0	9	3	0	72	90
	Maijdee Court	000	0	0	00	00	98	00	0	104	87	0	0	9	0	0	73	90
	Comilla	...	..	..	...	...	...	..	...	...	..	..	...	...	...	...	...	...
	Brahmanbaria	...	..	..	...	...	...	..	...	...	..	..	...	...	...	...	...	—
	Sylhet	000	0	4	00	00	96	02	0	098	82	2	5	6	3	0	70	82
	Srimangal	000	0	3	00	00	96	02	0	107	86	1	5	5	7	2	70	90
Dacca	Mymensingh	000	0	0	00	00	97	00	1	096	87	0	0	9	0	0	67	91
	Narayanganj	000	0	2	00	00	93	01	1	116	87	2	6	6	0	0	72	87
	Dacca (Tejgaon)	000	0	4	00	00	97	01	0	101	87	4	0	9	4	0	64	90
	Faridpur	000	0	0	00	00	97	00	0	088	87	0	0	9	0	0	63	91
Khulna	Barisal	000	0	0	00	00	97	02	1	105	86	0	0	9	0	0	76	87
	Khulna	000	0	0	00	00	97	00	0	039	86	0	0	9	0	0	73	93
	Satkhira	000	0	5	00	00	97	00	0	114	87	2	2	9	1	1	70	91
	Jessore	000	0	0	18	09	97	02	0	102	87	0	1	9	0	0	58	91
Rajshahi	Pabna	000	0	0	13	02	98	02	2	096	85	0	0	9	0	0	68	91
	Sirajganj	000	0	0	00	00	96	00	0	095	91	0	0	9	0	0	51	91
	Rajshahi	000	0	0	00	00	96	02	0	096	90	0	0	9	0	0	60	91
	Bogra	000	0	0	23	02	96	02	0	089	87	0	0	9	0	0	52	94
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	7	05	05	96	03	3	038	85	2	0	9	2	0	72	02
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	31	03	97	02	0	119	91	1	0	9	3	2	40	93
	Sialkot																	
Rawalpindi	Jhelum	000	0	2	30	04	98	03	0	///	91	0	0	9	0	1	47	93
	Islamabad																	
	Rawalpindi	000	0	3	00	00	99	00	0	114	85	0	0	9	0	5	45	90
	Campbellpur																	
Sargodha	Khushab	000	0	4	36	02	97	01	0	115	91	0	0	9	0	4	75	93
	Sargodha	000	0	5	23	03	97	03	0	118	91	0	0	9	0	1	45	93
	Lyallpur	000	0	0	00	00	97	00	0	123	87	0	0	9	0	0	56	91
Multan	Sahiwal																	
	Multan	000	0	3	13	02	97	02	1	111	93	0	0	9	0	4	45	96
	Leiah	000	0	0	18	02	95	00	0	117	90	0	0	9	0	0	56	94
Bahawalpur	Khanpur	000	0	0	00	00	97	02	1	107	96	3	0	9	2	1	28	98
	Bahawalpur	000	0	0	00	00	96	00	0	116	94	0	0	9	0	0	47	98
	Fort Abbas	000	0	0	00	00	98	00	0	114	93	0	0	9	0	0	63	02
Malakand	Chakdra	000	0	2	30	02	98	03	0	101	85	0	0	9	0	0	58	86
Peshawar	Peshawar	000	0	5	09	03	97	02	/	109	87	0	0	9	0	2	49	95
	Haripur	000	0	0	13	03	97	00	0	067	82	0	0	9	0	0	60	91
D. I. Khan	Bannu	000	0	5	18	02	99	02	1	105	90	0	0	9	2	7	47	91
	D. I. Khan	000	0	1	13	02	97	01	0	110	85	0	0	9	0	0	39	//
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nokkundi	000	0	4	13	10	96	02	0	061	92	4	0	9	3	0	57	95
Kalat	Turbat	000	0	0	18	02	98	00	0	121	96	0	0	9	0	0	55	96
	Jiwani	000	0	1	20	03	96	02	1	113	84	3	0	9	3	1	61	86
	Pasni	000	0	0	25	03	97	02	0	115	90	0	0	0	0	0	//	95
Karachi division	Ormara																	
	Lasbela	000	0	3	18	01	98	00	0	092	03	0	0	9	0	0	45	05
	Karachi (Manora)	000	0	0	13	05	97	02	0	087	99	0	0	9	0	0	50	02
	Karachi (Airport)	000	0	1	09	03	96	01	0	082	00	0	0	9	0	1	25	02
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	099	60	0	0	0	0	0	52	02
	Chhor	000	0	3	00	00	96	01	0	190	//	0	0	9	5	3	59	05
	Hyderabad	000	0	2	05	03	97	03	0	094	01	1	0	9	3	1	35	04
	Badin	000	0	0	09	06	97	02	0	087	03	0	0	9	0	0	41	04
Khairpur	Padidan	000	0	4	31	07	96	02	0	103	93	0	0	9	0	5	39	99
	Nawabshah	000	0	0	31	02	96	01	1	102	00	0	0	9	0	0	76	02
	Sukkur	000	0	4	13	03	95	05	4	089	96	0	0	9	0	8	47	02
	Kashmore																	
	Jacobabad	000	0	6	34	03	96	02	1	149	98	0	0	9	0	5	50	99
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *																	
Peshawar	Cherat *	000	0	0	18	05	98	00	0	539	78	0	0	9	0	0	45	80
	Kakul *	000	0	1	23	05	99	01	0	533	76	1	1	5	0	1	40	79
	Landikotal *	000	0	0	36	02	98	01	0	469	78	0	0	9	0	0	34	81
	Parachinar *	000	0	4	16	07	98	01	1	532	70	1	2	7	0	0	33	73
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	505	85	0	0	9	0	0	51	85
	Wana *	000	0	0	00	00	98	00	0	505	73	0	0	9	0	0	32	80
Quetta	Fort Sandeman *	000	0	3	27	05	97	01	0	505	82	1	1	7	0	1	36	83
	Hindubagh *	000	0	0	23	05	97	02	0	///	55	0	0	9	0	0	39	56
	Loralai *	000	0	0	19	02	98	00	0	480	75	0	0	9	0	0	49	80
	Barkhan *																	
	Harnai *	000	0	5	13	02	96	02	0	515	85	0	0	7	0	5	56	88
	Samungli (Quetta) *	000	0	5	00	00	97	03	0	514	75	5	4	8	0	0	33	78
	Chaman *	000	0	0	00	00	97	02	0	522	81	0	0	9	0	0	42	84
	Nushki *	000	0	0	00	08	97	02	0	565	87	0	0	9	0	0	47	89
	Dalbandin *	000	0	0	00	00	98	03	1	523	86	7	0	9	2	0	45	91
Kalat	Kalat *	000	0	0	16	02	97	00	2	506	69	0	0	9	0	0	36	75
	Khuzdar *	000	0	0	13	03	97	01	2	519	81	4	0	9	0	1	28	82
	Panjgur *	000	0	2	18	07	96	03	1	514	86	2	0	9	3	1	45	89

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)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	000	0	4	15	02	95	04	4	164	82	9	0	5	0	0	72	71	—	—	—	—	—	—
Cox's Bazar	000	0	3	36	02	96	02	0	151	82	0	0	9	4	3	73	75	+ 9	+ 4	—	—	—	140
Chittagong	000	0	0	27	05	96	02	0	155	82	0	0	9	0	0	73	69	+ 2	— 3	0.1	— 0.4	0.8	108
Maijdee Court	080	0	0	00	00	98	00	0	154	82	0	0	9	0	0	72	69	+ 2	— 5	—	—	—	115
Comilla	000	0	0	00	00	96	02	0	144	80	0	0	9	0	0	73	62	—	+ 1	—	—	—	94
Brahmanbaria	000	0	0	18	02	97	00	0	159	80	0	0	9	0	0	73	73	—	—	—	—	—	78
Sylhet	004	0	0	00	00	96	02	0	152	77	0	0	9	0	0	62	65	—	—	—	—	—	—
Srimangal	000	0	0	00	00	96	00	0	149	88	0	0	9	0	0	64	62	— 1	— 5	—	—	—	98
Mymensingh	000	0	0	00	00	97	00	0	154	79	0	0	9	0	0	60	66	— 1	— 4	0.0	— 0.4	2.2	91
Narayanganj	000	0	0	00	00	97	00	0	145	82	0	0	9	0	0	70	71	— 6	— 2	2.2	+ 1.7	3.8	74
Dacca (Tejgaon)	000	0	0	00	00	97	02	0	142	80	0	0	9	0	0	69	71	—	—	0.5	—	2.9	—
Faridpur	000	0	0	00	00	97	00	0	140	84	0	0	9	0	0	75	66	— 2	— 6	0.2	— 0.2	2.6	71
Barisal	080	0	0	00	03	97	01	0	149	79	0	0	9	0	0	73	72	— 5	— 2	0.7	+ 0.3	5.0	81
Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					68
Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					65
Jessore	000	0	0	21	10	96	03	4	140	80	0	0	9	0	0	75	69	—	—	3.0	+ 2.8	6.8	65
Pabna	000	0	0	25	05	99	02	0	137	82	0	0	9	0	0	73	69	—	—	0.8	—	3.9	59
Sirajganj	000	0	0	09	02	98	00	0	143	80	0	0	9	0	0	66	69	— 4	—	0.1	— 0.3	2.1	64
Rajshahi	000	0	0	00	00	//	//	/	//	82	0	0	9	0	0	79	77	— 6	+ 6	0.0	— 0.2	2.0	—
Bogra	000	0	0	00	00	96	02	0	136	80	0	0	9	0	0	64	68	— 2	— 1	0.0	— 0.3	1.5	69
Dinajpur	000	0	0	09	05	96	00	0	145	80	0	0	9	0	0	60	68		+ 2	—	—	—	71
Rangpur	000	0	0	13	05	96	01	0	085	62	0	0	9	0	1	75	64	+ 1	— 2	0.0	— 0.2	1.1	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	96	05	0	138	75	0	0	9	0	1	52	62	+ 2	+ 3	0.0	— 0.1	2.0	19
Sialkot																							33
Jhelum	000	0	1	00	00	97	02	0	135	75	0	0	9	0	0	46	60	—	—	0.0	—	5.4	—
Islamabad																							—
Rawalpindi	000	0	0	00	00	98	00	0	147	60	0	0	9	0	0	49	58	—	+ 2	0.0	— 0.3	8.5	36
Campbellpur																							—
Khushab	000	0	4	00	00	97	01	1	138	66	4	0	9	4	0	62	60	+ 5	— 4	0.0	— 0.1	1.8	15
Sargodha	000	0	4	00	00	95	02	0	140	69	0	0	9	0	1	50	59	—	—	0.0	—	1.7	—
Lyallpur	000	0	0	00	00	96	00	0	144	69	0	0	9	0	0	60	60	+ 2	0	0.0	— 0.1	1.2	12
Sahiwal																							10
Multan	000	0	3	00	00	97	02	1	144	69	1	0	9	3	1	52	64	+ 5	+ 1	0.0	— 0.1	0.8	7
Leiah	080	0	0	36	06	93	00	0	142	72	0	0	9	0	0	62	61	—	—	—	—	—	8
Khanpur	000	0	6	36	02	96	02	1	142	67	2	0	9	2	1	43	60	+ 3	— 1	0.0	— 0.1	1.7	6
Bahawalpur	000	0	0	00	00	96	00	0	141	85	0	0	9	0	0	36	66	+ 5	+ 4	0.0	0.0	0.4	6
Fort Abbas	000	0	0	09	02	98	00	0	147	72	0	0	9	0	0	45	62	—	—	—	—	—	8
Chakdra	000	0	2	00	00	97	03	0	149	59	0	0	9	0	9	52	52	—					—
Peshawar	000	0	3	23	02	97	03	0	148	69	0	0	9	0	1	54	60	+ 15	+ 3	0.0	— 0.4	3.3	11
Haripur	...	—	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	—					—
Bannu	...	...		...	...	...	...		...		...	...	...			...	...	—					11
D. I. Khan	000	0	0	00	00	97	02	0	145	72	0	0	9	0	0	54	62	—	+ 1	0.0	— 0.1	7.7	9
Sibi	000	0	0	18	03	97	02	0	141	69	0	0	9	0	0	42	57	—	—	0.0	—	0.9	5
Nokkundi	000	0	2	05	10	97	03	0	128	72	2	0	9	3	0	53	67	—	—	0.0	—	2.5	2
Turbat	000	0	0	09	02	98	00	0	154	73	0	0	9	0	0	49	//	—		0.0	—	0.7	—
Jiwani	000	0	1	31	02	96	02	0	118	74	1	0	9	3	0	63	68	—	—	0.0	—	8.3	8
Pasni	000	0	4	09	10	97	02	0	///	74	0	0	9	0	0	71	//	+ 6	—	0.0	— 0.1	2.5	6
Ormara																							6
Lasbela	000	0	0	00	00	98	00	0	110	75	0	0	8	0	0	44	68	—	—	0.0	—	0.0	8
Karachi (Manora)	009	0	5	05	05	96	03	1	096	84	0	0	9	2	0	49	72	+ 18	+ 1	0.0	0.0	1.1	8
Karachi (Airport)	000	0	4	09	05	96	03	0	098	86	4	6	5	0	0	21	75	—	—	0.0	—	3.0	—
Nagarparkar	000	0	0	05	02	97	03	0	151	80	6	0	6	0	0	80	80	—	—	—	—	—	—
Chhor	000	0	7	00	00	96	01	2	114	83	7	0	9	5	0	33	74	—	—	0.0	—	2.5	7
Hyderabad	000	0	5	05	05	97	03	1	122	77	5	0	9	3	0	43	75	+ 5	+ 6	0.0	0.0	1.1	9
Badin	000	0	0	20	03	97	02	0	118	76	0	0	9	0	0	48	74	+ 6	+ 4	0.0	0.0	0.1	—
Padidan	000	0	6	31	03	97	03	1	130	72	0	0	9	0	6	48	65	—	—	0.0	—	0.9	—
Nawabshah	000	0	5	36	02	96	03	2	132	70	0	0	9	3	0	58	67	—	—	0.0	—	0.4	4
Sukkur	000	0	0	05	05	95	05	4	136	72	0	0	9	0	0	50	66	—	—	0.0	—	0.9	—
Kashmore																							4
Jacobabad	000	0	1	09	02	97	03	0	136	80	1	0	9	3	0	44	70	+ 2	+ 3	0.0	0.0	2.1	20
Veraval																							26
HILL STATIONS																							—
Srinagar *																							71
Gulmarg **																							26
Sonamarg **																							
Dras **																							3
Leh **																							6
Skardu *																							—
Misgar **																							—
Aliabad *																							8
Gilgit *																							59
Murree *																							18
Drosh *																							29
Cherat *	000	0	5	00	05	97	03	0	532	62	0	0	9	3	1	34	51	+ 11	— 2	0.0	— 0.2	2.8	—
Kakul *	000	0	0	05	00	99	01	1	536	64	0	0	9	0	0	45	58	—	—	0.0	—	14.2	—
Landikotal *	000	0	0	00	00	98	02	0	412	62	0	0	9	0	0	41	52	—	—	0.0	—	3.6	19
Parachinar *	000	0	2	00	05	95	01	0	550	60	0	0	9	0	0	36	52	+ 10	+ 6	—	—	—	13
Miranshah *	000	0	0	05	00	99	00	0	529	66	0	0	9	0	0	36	66	—	—	0.0	— 0.4	0.1	11
Wana *	000	0	0	00	00	98	00	0	505	56	0	0	9	0	0	32	54	—	—	—		—	13
Fort Sandeman *	000	0	5	00	00	97	03	0	532	62	0	0	9	1	1	34	57	+ 1	— 2	0.0	— 0.2	2.8	—
Hindubagh *	000	0	0	00	00	98	02	0	///	40	0	0	9	0	0	31	30	—	—	0.0	—	1.6	9
Loralai *	000	0	6	27	02	98	01	0	475	58	0	1	9	0	6	39	60	—	—	0.0	—	2.1	—
Barkhan *																							14
Harnai *	000	0	0	31	03	96	02	0	520	70	0	0	9	0	0	51	64	—	—	0.0	— 0.2	3.0	9
Samungli (Quetta) *	000	0	5	18	05	96	02	1	548	57	5	0	9	2	3	34	47	—	—	0.0	— 0.3	2.9	9
Chaman *	000	0	0	09	03	97	02	0	535	74	0	0	9	0	0	32	65	+ 7	+ 1	0.0	— 0.1	7.7	—
Nushki *	000	0	0	07	05	97	02	0	530	74	0	0	9	0	0	36	71	—	—	0.0	—	3.5	4
Dalbandin *	000	0	4	00	00	98	03	1	512	61	4	0	9	3	0	43	55	+ 4	— 2	0.0	— 0.1	3.3	7
Kalat *	000	0	0	13	02	88	00	2	550	49	0	0	9	0	0	31	31	—	— 10	0.0	— 0.1	3.0	—
Khuzdar *	000	0	3	00	00	96	03	0	521	66	0	0	9	0	0	31	58	—	—	—	—	—	5
Panjgur *	000	0	3	00	00	96	03	0	516	63	0	0	9	0	1	44	59	+ 2	+ 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

SUNDAY THE 5th APRIL, 1970.

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
ARABAIN SEA														
Kabylia	99 3 28	10 6 35	04 4 23	02 9 02	98 0 20	10 8 25	00 9 00				0// 19	12 6 78	30 1 01	
Fryndam	99 1 02	10 1 61	04 0 03	01 8 05	98 0 20	10 9 26	00 9 00	53 7 13			0// 20	12 7 32	...	

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 ...	08 00	011 222 15	...	525 146 50	126 014 50	576 125 50	743 235 56	550 275 59	217 525 //	398 655 //	...			
Dacca ...	00 00	011 230 20	...	470 192 //	115 /// //	576 125 //	743 217 //	947 381 95	215 501 //	403 603 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	006 280 42	...	450 190 57	122 080 //	582 071 //	753 161 //	965 271 //	...	...	...	...	...	...
Multan ...	00 00	998 220 66	...	580 274 58	235 210 40	606 034 //	784 055 //	993 225 //	295 315 //	...	...	...	...	...
Peshawar ...	00 00	973 180 61	...	490 156 61	114 060 61	577 101 60	746 217 //	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	MISDA	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	995 174 56	...	550 214 63	190 074 59	589 061 //	760 151 //	973 265 //	259 375 //	...	...	...	...	...

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	...		...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 218 //	800 029 //	600 041 //	350 305 //	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	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 (ddff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	065 03	270 03	030 03	050 02	045 05	280 18	250 18	260 35	270 28	270 11	225 08	215 05	295 06	308 03	290 06	200 10	220 10	220 06	245 06	290 08	315 19	325 37	300 16	295 22	...	...
Bogra ...	230 11	220 11	220 12	275 10	275 12	265 19	270 24	...		...					...	269 17	255 08	250 12	270 14	245 14	285 23	255 48	// //	255 04	...	..
Chaklala ...	...	260 05	240 05	235 09	240 04	235 04	335 09	260 06	305 13	...	065 07	325 10	330 13	345 10	345 03	..	270 05	325 04	315 10	315 04	335 04	005 05	300 34	315 10	332 02	
Chhor ...	025 04	045 03	070 03	025 04	155 05	045 03	225 14	070 03	240 17	105 05	185 30	115 26	100 15	085 10	125 09	170 13	180 16	185 17	220 15	255 10	...					
Chittagong ...	220 14	335 15	335 15	010 14	015 14	320 15	280 14	185 58	180 18	220 02	220 02	360 02	.	...	..	245 04	180 01	275 01	320 07	315 13	285 01	280 11	275 19	280 25	245 36	235 81
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...		...		...		...		...	...	...	
Cox's Bazar ...	320 10	325 21	235 17	345 10	355 09	010 06	085 03	130 03	180 14	320 05	300 05	350 09	330 09	...	...	295 12	305 12	305 14	350 16	015 06	355 04	050 08	035 11	040 13	...	...
Dacca ...	200 06	220 10	260 20	225 08	300 09	290 17	250 17	...	...	255 11	235 08	235 12	.			210 10	210 14	210 15	210 09	245 10	255 14	061 31	255 37	275 13	290 49	295 77
Dalbandin ...	...	..	140 09	150 12	160 11	175 13	150 09	/// //	180 29		...	150 02	170 06	165 20	190 17	...	...	195 01	240 06	210 09	190 12	155 14	135 40	130 07	170 12	205 17
D. I. Khan ...	150 05	160 08	165 09	175 12	195 05	300 07	300 10	285 07	300 13	185 07	185 07	185 07	175 04	200 07	...	...	...	...	...	...	...		...	..	...	...
Drosh ...	...	...	...	...	...		...			...	...	...	050 01	135 15	205 06	.	.	...	...	...	...	...	...	...		
Fort Sandeman ...	...	...	...	305 02	205 05	190 14	240 59	240 57	285 11	...	...	...	020 02	043 12	165 05	..	...	..	260 02	190 05	230 15	305 08	015 14	205 06	030 08	155 08
Gilgit ...	...	...	...	...	...	...	...	...	...	...			...		..	...	..	.	...	...	...	..	..	...	...	...
Ishurdi ...	...	...	...			...		...	...	340 17	250 16	255 13	285 08	295 11	..										...	..
Jacobabad ...	325 06	025 06	025 03	115 03	065 07	135 10	165 12	..	..	190 04	020 05	045 04	100 05	150 07	165 15	145 03	145 03	160 03	155 06	175 10	210 06	245 12	210 27	210 39	...	...
Jessore ...	175 05	180 09	281 03	260 05	310 09	230 11	275 19	280 23	.	250 15	255 10	250 12	305 03	290 06	280 13	240 18	235 10	235 13	249 11	215 25	310 21	300 12	200 22	290 25	285 39	..
Jhelum ...	235 07	230 12	210 06	245 05	320 10	330 12	325 12	335 15	322 10	305 12	325 14	325 12	325 23	225 23	250 04											
Jiwani ...	125 10	110 12	110 11	145 12	145 16	140 26	100 11	155 16	260 13	340 19	330 17	350 08	...	..	...	340 11	350 16	355 15	020 07	075 06	130 10	135 29	185 13	220 21	230 12	205 09
Karachi ...	125 10	100 10	100 11	090 08	085 10	085 09	117 07	160 09	175 15	060 14	065 13	070 14	...	080 //	...	115 14	115 15	115 17	190 24	100 29	090 35	...		...	..	..
Khanpur ...	035 05	045 06	040 07	345 05	325 03	245 05	230 04	305 10	290 01	070 06	075 07	080 12	115 09	300 06	260 07	070 07	070 10	085 11	090 11	090 09	115 06	220 04	230 07	230 09	260 15	245 19
Khuzdar ...	...	...		...	...	...		...	...	...	...		...			...	...	...	095 06	070 05	200 03	185 15		...		
Lahore ...	295 05	325 04	320 06	325 10	295 09	310 08	360 03	360 06	355 20	320 10	300 13	305 13	330 13	300 14	340 10	300 06	305 09	310 13	320 15	315 15	305 13	300 11	300 18	310 22	320 18	345 29
Multan ...	125 15	125 13	130 12	185 15	185 12	290 15	295 08	355 04	025 04	140 19	140 18	175 14	175 10	200 12	200 22	...		...	...	...	...	...			.	..
Nawab Shah ...	050 01	040 04	060 04	095 06	150 06	221 04	195 07	215 15	230 17	100 14	110 19	090 14	100 11	265 04	115 07	115 11	110 15	100 17	085 16	090 19	...				..	...
Nokkundi ...	...	...	110 10	146 05	155 05	160 10	006 51	...	..	...	...	160 24	265 04	215 08	175 13	...	...	290 12	260 02	135 40	145 08	170 12	/// //	230 12	..	...
Panjgur ...	...			170 13	170 20	165 31	153 27		...	..			215 13	221 51	160 13	..	...	..	055 05	025 06	095 10	120 31	170 20	165 24	..	...
Peshawar ...	...	065 04	130 04	145 06	195 07	290 09	310 12	310 10	295 13	...	295 02	020 02	025 06	250 12	060 04	.	050 04	325 03	315 04	245 01	225 06	295 09	230 07	255 29	232 30	245 26
Parachinar ...	...	...	...	185 04	150 07	270 15	265 03	265 13	281 01	...	...	...	..	...	..	...	...	...	110 03	200 01	270 17	280 10	235 13	220 17	248 49	250 29
Quetta ...	...	...		...	180 13	170 37	175 09	005 49	135 17	...	...		...	...	..				...	270 09	265 04	295 29	290 15			
Sargodha ...	200 03	195 05	195 06	250 04	330 07	330 07	310 12	275 15	315 10	280 05	270 07	315 06	290 12	255 12	270 57	245 05	270 07	270 07	275 06	270 07	310 12	355 06	290 12	250 04	245 14	245 21
Skardu ...	...	...	...		.		...	...	...	...	...	..		320 05	..			...	...		180 07	085 03	005 04	240 03	315 18	-
Sylhet ...	185 00	190 20	195 05	220 05	...	.	...	...	...	..	...	...	-	.	265 03	195 04	195 05	195 05	251 17	260 25	225 28	380 33	...		...	..
Veraval ...	...	...		...	...	.		...	...	..	..	..	-	..	-	...	...	...	...	...	-1	...	...		...	.

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

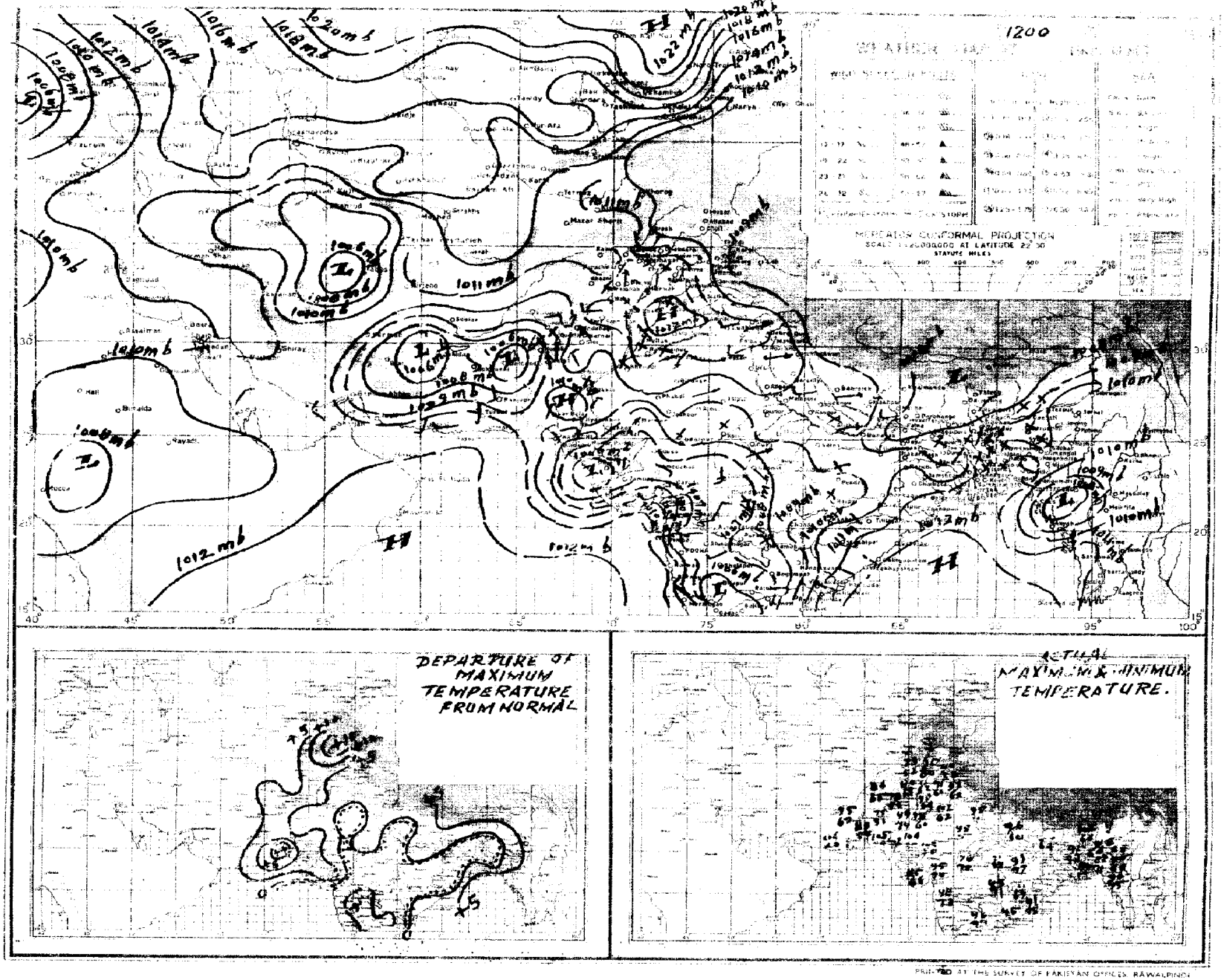
† The actual time of observations may vary within half an hour of the specified time.

* 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 be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

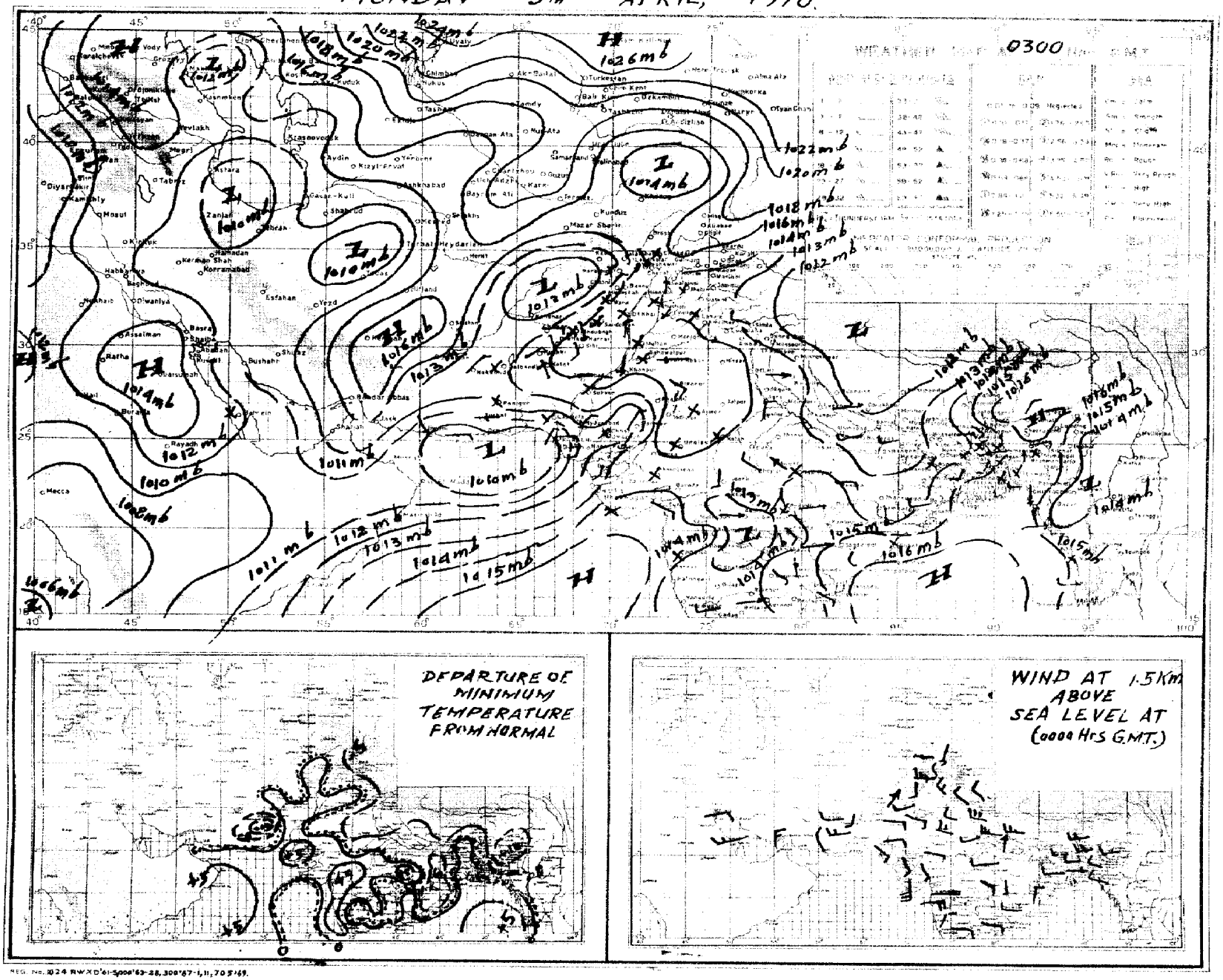
SATURDAY 4th APRIL 1970



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

MONDAY 5th APRIL, 1970.



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Reg. No. S-1467
Volume No. 24

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar division and adjoining areas persists. It secondary over Quetta, Kalat and adjoining north Arabian Sea also persists. The trough of low pressure over southwest Rajasthan and adjoining areas has become unimportant. Scattered thunderstorm/showers have occurred in Malakand division.

A trough of low pressure lies over Bihar and adjoining West Bengal. A few thunderstorms have occurred in Chittagong division.

Day temperatures were 8—17 °F (4—9 °C) above normal in Rajshahi, Sargodha, Peshawar, Quetta and Kalat divisions and 3—7 °F (2—4 °C) so elsewhere in the country outside Khulna division where these were 3—5 °F (2—3 °C) below normal.

Forecast valid until the evening of 7th April, 1970 :—Local thunderstorm/showers with squally winds are likely in East Pakistan, scattered in Quetta, Kalat, Khairpur, Hyderabad and Karachi divisions. A few dust/thunderstorm are also likely to occur in Multan, Lahore, Sargodha and Rawalpindi divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 6th April, 1970.

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 Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	080	0	1	23	02	94	04	0	110	91	1	1	7	0	0	67	96
	Cox's Bazar	000	0	0	31	09	96	02	0	108	82	0	0	9	0	0	73	90
	Chittagong	000	0	1	27	03	96	02	0	110	85	1	3	5	0	0	72	90
	Maijdee Court	080	0	0	00	00	98	00	0	101	85	0	0	9	0	0	76	91
	Comilla	000	0	0	00	00	96	02	0	105	87	0	0	9	0	0	85	91
	Brahmanbaria	000	0	4	08	00	96	17	:	102	83	4	3	5	0	0	70	91
	Sylhet	060	0	2	19	05	97	02	0	094	90	1	5	5	5	0	70	95
	Srimangal	000	0	0	27	02	96	00	0	101	86	0	0	9	0	0	69	93
Dacca	Mymensingh	000	0	0	00	00	96	00	0	114	87	0	0	9	0	0	58	95
	Narayanganj	000	0	0	00	00	92	00	0	099	86	0	0	9	0	0	54	86
	Dacca (Tejgaon)	000	0	1	18	05	97	02	0	094	90	1	0	9	4	0	70	93
	Faridpur	000	0	0	20	02	97	00	0	091	93	0	0	9	0	0	58	96
Khulna	Barisal	000	0	0	23	02	97	02	0	101	87	0	0	9	0	0	72	87
	Khulna	000	8	1	00	00	97	00	0	095	76	1	0	5	0	0	64	93
	Satkhira	000	0	0	00	00	97	00	0	096	91	0	0	9	0	0	67	96
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	0	23	02	98	02	1	086	91	0	0	9	0	0	54	98
	Sirajganj	000	0	0	00	00	96	00	0	088	96	0	0	9	0	0	43	98
	Rajshahi	000	0	0	00	00	96	02	0	087	91	0	0	9	0	0	80	98
	Bogra	800	0	0	31	02	96	02	0	083	91	0	0	9	0	0	49	98
	Dinajpur	000	0	0	36	02	96	00	0	085	90	0	0	9	0	0	60	95
	Rangpur	000	0	0	27	02	96	01	0	086	85	0	0	9	0	0	73	02
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	27	05	96	03	1	106	91	1	0	9	3	2	45	93
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	31	02	98	01	0	092	95	0	0	9	0	1	47	95
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	97	01	1	092	90	0	0	9	0	0	59	96
	Sargodha	000	0	5	20	05	97	02	2	096	93	0	0	9	0	2	49	96
	Lyallpur	000	0	0	00	00	97	00	0	111	96	0	0	9	0	0	59	96
Multan	Sahiwal																	
	Multan	000	0	2	13	02	97	01	1	093	96	0	0	9	0	2	47	98
	Leiah	000	0	0	36	06	95	00	0	086	87	0	0	9	0	0	54	87
Bahawalpur	Khanpur	000	0	6	09	00	97	02	1	096	98	3	0	9	3	1	30	00
	Bahawalpur	000	0	0	19	02	95	02	0	106	95	0	0	9	0	0	54	95
	Fort Abbas	000	0	0	00	00	98	00	0	103	95	0	0	9	0	0	43	96
Malakand	Chakdra	000	0	2	27	02	97	02	0	066	87	0	0	9	0	4	56	90
Peshawar	Peshawar	000	0	4	00	00	97	02	2	090	90	1	3	6	3	1	54	98
	Haripur	000	0	0	36	02	97	00	0	141	91	0	0	9	0	0	38	91
D. I. Khan	Bannu	000	0	6	13	02	99	03	2	094	84	0	0	9	2	7	55	91
	D. I. Khan	003	0	6	13	02	97	02	0	094	91	0	0	9	0	6	45	93
Quetta	Sibi	000	0	0	18	03	97	02	0	140	99	0	0	9	0	0	56	01
	Nokkundi	000	0	0	13	03	96	01	0	059	93	0	0	9	0	0	70	94
Kalat	Turbat	000	0	0	27	02	98	00	0	107	08	0	0	9	0	0	54	01
	Jiwani	000	0	0	27	12	96	02	0	093	85	0	0	9	0	0	57	89
	Pasni	000	0	0	25	06	97	02	0	084	94	4	0	9	0	0	86	01
Karachi division	Ormara																	
	Lasbela	000	0	3	05	04	97	00	0	080	02	0	0	9	0	0	39	05
	Karachi (Manora)	000	0	0	18	09	97	00	0	106	86	0	0	9	0	0	74	94
	Karachi (Airport)	800	0	1	18	09	96	02	0	108	84	3	6	5	0	0	69	92
Hyderabad	Nagarparkar	000	0	0	23	02	97	02	0	149	93	6	0	6	0	0	93	97
	Chhor	000	0	5	23	05	96	01	2	105	93	1	5	6	5	0	58	93
	Hyderabad	000	0	0	18	07	97	01	0	106	92	0	0	9	0	0	63	98
	Badin	000	0	0	18	13	97	02	0	112	93	0	0	9	0	0	61	96
Khairpur	Padidan	800	0	6	13	10	95	06	2	094	99	6	0	9	0	6	39	03
	Nawabshah	800	0	3	13	12	96	01	1	101	97	0	0	9	0	1	88	00
	Sukkur	000	8	0	13	02	95	05	4	089	90	0	0	9	0	0	44	01
	Kashmore																	
	Jacobabad	000	0	6	13	05	96	03	1	130	00	3	0	9	:	0	31	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	4	23	02	98	01	1	509	95	2	1	7	0	1	36	87
Peshawar	Cherat *	000	0	0	26	02	98	02	0	535	80	0	0	9	0	0	49	82
	Kakul *	..	..	...	...	...	...	...	..	...	...	...	...	...	..	..	...	...
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar *	000	0	6	13	07	98	02	1	518	72	4	5	6	2	1	36	82
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	507	86	0	0	9	0	0	54	87
	Wana *	000	0	0	00	00	98	00	0	481	87	0	0	9	0	0	50	50
Quetta	Fort Sandeman *	000	8	7	23	09	97	03	1	501	82	3	4	7	0	6	24	85
	Hindubagh *	000	0	6	23	13	97	03	0	///	53	6	2	4	0	8	46	55
	Loralai *	000	0	0	27	03	98	00	0	485	75	0	0	9	0	0	49	80
	Barkhan *																	
	Harnai *	000	0	0	31	02	96	02	0	503	87	0	0	9	0	0	59	90
	Samungli (Quetta) *	000	0	6	00	00	97	02	2	515	76	1	8	9	3	1	45	80
	Chaman *	000	0	0	18	03	97	02	0	524	84	0	0	9	0	0	15	85
	Nushki *	000	0	4	00	00	97	03	0	565	88	0	0	9	0	2	49	//
	Dalbandin *	000	0	7	21	09	95	05	2	520	88	7	0	9	2	0	50	92
Kalat	Kalat *	000	0	0	31	02	97	00	2	526	71	0	0	9	0	0	34	76
	Khuzdar *																	
	Panjgur *	000	0	5	18	03	96	03	1	510	89	2	3	7	4	0	50	90

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: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	0	09	05	96	04	4	155	31	0	0	9	0	0	73	69	—	—	—	—	—	-
	Cox's Bazar	000	0	3	18	05	96	03	0	144	82	3	3	4	0	0	75	//	+ 3	/	—	—	—	140
	Chittagong	300	6	2	31	04	96	02	4	147	81	2	2	5	0	0	73	//	+ 2	/	—	—	—	108
	Maijdee Court	080	9	0	00	00	98	00	0	143	84	0	0	9	0	0	69	73	+ 3	— 2	—	—	—	115
	Comilla	003	0	0	00	00	96	02	0	141	82	0	0	9	0	0	75	75	— 1	0	—	—	—	94
	Brahmanbaria	000	0	0	18	02	97	02	0	138	84	0	0	9	0	0	73	73	—	—	—	—	—	78
	Sylhet	000	0	0	00	00	96	02	0	147	79	0	0	9	0	0	68	69	—	—	—	—	—	—
	Srimangal	000	0	0	09	02	96	00	0	137	84	0	0	9	0	0	73	65	+ 2	—	—	—	—	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	+ 3					91
	Narayanganj	000	0	0	23	02	97	00	0	137	82	0	0	9	0	0	73	73	— 7	— 1	2.2	+ 1.6	3.8	74
	Dacca (Tejgaon)	000	0	0	18	05	96	05	0	133	81	0	0	9	0	0	73	73	—	—	0.5	—	2.9	—
	Faridpur	000	0	0	20	05	98	00	0	131	87	0	0	9	0	0	75	73	+ 3	0	0.2	— 0.3	2.6	71
Khulna	Barisal	000	0	0	21	02	97	01	2	142	81	0	0	9	0	0	73	73	— 5	— 1	0.7	+ 0.2	5.0	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					68
	Satkhira	000	0	0	00	00	97	00	0	148	79	0	0	9	0	0	73	69	+ 1	— 5	—	—		65
	Jessore	000	3	0	24	08	97	02	4	133	82	0	0	9	0	0	73	73		—	3.0	+ 2.6	6.8	65
Rajshahi	Pabna	...	...	...	...		...	...	...	...		...	...		...		...	...	—					58
	Sirajganj	000	0	0	07	00	98	00	0	134	81	0	0	9	0	0	64	65	+ 3	— 5	0.1	— 0.4	2.1	64
	Rajshahi	000	0	0	07	01	98	02	0	131	81	0	0	9	0	0	73	79	+ 1	+ 7	0.0	— 0.2	2.0	—
	Bogra	000	0	0	13	02	96	02	0	134	82	0	0	9	0	0	64	65	+ 2	— 5	0.0	— 0.3	1.5	69
	Dinajpur	000	0	8	09	02	96	00	0	135	84	0	0	9	0	0	62	65	+ 1	— 3	—	—	—	72
	Rangpur	...	...	-	-	...	...	...		...	...	...			...	...	...	...	+ 10					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	97	02	0	124	75	0	0	9	0	1	54	64	+ 2	+ 3	0.0	— 0.1	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	150	79	0	0	9	0	0	41	//		/	—	—	—	32
Rawalpindi	Jhelum	000	0	3	00	00	97	03	0	116	75	0	0	9	0	1	54	62	—	—	0.0	—	5.4	—
	Islamabad	000	0	5	00	00	97	02	0	///	75	3	3	7	2	0	45	64			—	—	—	
	Rawalpindi	000	0	2	36	02	98	00	0	124	68	0	0	9	0	0	54	62		+ 5	0.0	— 0.4	8.5	36
	Campbellpur																							—
Sargodha	Khushab	000	0	4	00	//	97	01	1	116	65	4	0	9	4	0	64	62	+ 8	— 3				15
	Sargodha	000	0	5	00	00	94	04	1	114	73	3	0	9	3	1	56	69	—	—	0.0	—	1.7	..
	Lyallpur	000	0	0	00	00	96	00	0	104	69	0	0	9	0	0	51	62	+ 7	+ 1	0.0	— 0.1	1.2	12
Multan	Sahiwal																							18
	Multan	000	0	5	13	05	97	01	1	109	79	2	0	9	3	1	49	73	+ 7	+ 8	0.0	— 0.1	0.8	7
	Leiah	080	0	0	36	02	93	00	0	146	68	0	0	9	0	0	60	58	—	—		—	—	8
Bahawalpur	Khanpur	000	0	7	23	03	96	03	0	129	75	3	5	6	7	0	56	65	+ 5	+ 2	0.0	— 0.1	1.7	6
	Bahawalpur	000	0	0	00	00	97	00	0	136	84	0	0	9	0	0	45	64	+ 2	+ 1	0.0	0.0	0.4	6
	Fort Abbas	000	0	0	36	05	98	00	0	136	71	0	0	9	0	0	45	62	—		—	—	—	8
Malakand	Chakdra	000	0	6	05	05	97	03	1	125	64	3	0	9	3	2	51	56	—	—	—	—	—	—
Peshawar	Peshawar	000	0	6	08	01	97	02	1	128	69	2	0	9	3	1	59	62	+ 10	+ 4	0.0	— 0.4	3.3	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
D. I. Khan	Bannu	000	0	6	27	01	98	03	1	///	73	5	2	7	2	0	51	65	—	—	—	—	—	11
	D. I. Khan	000	0	2	00	00	97	02	0	117	73	0	0	9	2	2	51	62	+ 5	+ 1	0.0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	00	00	97	02	0	149	68	0	0	9	0	0	36	64	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	36	02	96	02	0	118	73	0	0	9	0	0	50	65	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	18	03	98	00	0	152	78	0	0	9	0	0	63	73	—	—	0.0	—	0.7	—
	Jiwani	800	0	0	00	00	96	00	0	125	77	1	6	4	0	0	73	//	—	—	0.0	—	0.3	9
	Pasni	000	0	4	11	08	97	00	0	113	76	4	0	9	0	0	76	//	+ 12	/	0.0	— 0.1	2.5	6
Karachi division	Ormara																							6
	Lasbela	000	0	4	00	00	98	00	0	136	74	0	0	8	0	0	68	72	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	2	18	05	96	03	0	127	78	2	6	4	0	0	71	77	+ 6	+ 5	0.0	0.0	1.7	8
	Karachi (Airport)	800	0	6	18	03	96	03	1	131	78	6	6	5	0	0	21	73	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	181	78	0	6	6	0	0	71	78	—	—	0.0	—	0.0	—
	Chhor	000	0	3	03	05	96	01	1	140	74	2	1	6	0	0	65	61	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	20	05	97	02	0	145	75	0	0	9	0	0	69	71	— 1	+ 1	0.0	0.0	1.1	9
	Badin	008	0	0	31	04	97	02	0	117	76	0	0	9	0	0	57	74	— 3	+ 5	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	03	07	96	01	1	136	74	0	0	9	0	1	57	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	18	03	96	02	0	160	74	0	0	9	0	0	70	67	—	—	0.0	—	0.4	4
	Sukkur	000	4	6	05	02	96	03	2	129	72	6	9	9	9	0	62	70	—	—	0.0	—	0.9	—
	Kashmore																							4
	Jacobabad	000	0	1	18	03	96	03	8	125	75	1	0	9	3	0	61	71	+ 4	+ 3	0.0	0.0	2.4	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							16
	Dras **																							8
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *																							18
Malakand	Drosh *	017	0	7	05	03	97	02	1	559	56	7	8	6	0	0	45	54	+ 22	+ 7	—	—	—	19
Peshawar	Cherat *	000	0	0	00	00	98	02	0	578	73	0	0	9	0	0	47	60	+ 13	+ 7	—	—	—	—
	Kakul *	000	0	5	31	03	99	03	1	522	64	0	0	9	0	5	40	60		—	0.0	—	14.2	—
	Landikotal *	800	0	6	36	02	98	03	0	489	68	6	7	6	/	/	47	56		—	0.0	—	3.6	39
	Parachinar *	...	...	...	...	...	...	...	...	...	...	..	—	...	...	...	...	...	+ 17					18
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	539	68	0	0	9	0	0	43	65	—	—	0.0	— 0.5	0.1	11
	Wana *	000	0	0	00	00	98	00	0	504	56	0	0	9	0	0	32	47	—	—	—	—	—	13
Quetta	Fort Sandeman *	000	0	1	27	02	97	03	0	522	63	1	5	7	1	0	39	57	+ 3	+ 6	0.0	— 0.2	2.8	—
	Hindubagh *	000	0	0	27	09	97	02	0	///	41	0	0	9	0	0	34	28	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	18	04	98	00	0	480	55	0	0	9	0	0	38	60	—	—	0.0	—	2.1	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	511	70	0	0	9	0	0	53	44	—	—	0.0	— 0.3	3.8	9
	Samungli (Quetta) *	...	...	...	..	...	..	..	...	...		...	—	—		...	...	...	—					9
	Chaman *	000	8	0	09	03	97	02	1	537	76	0	0	9	0	0	35	67	+ 11	+ 12	0.0	— 0.1	7.7	—
	Nushki *	000	0	6	09	05	97	03	0	561	74	0	0	9	8	2	36	69	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	2	13	02	95	05	1	517	70	2	0	9	3	0	48	61	+ 5	+ 5	0.0	— 0.1	3.3	7
Kalat	Kalat *	000	0	0	13	02	88	00	2	550	53	0	0	9	0	0	37	30	+ 8	— 12	0.0	— 0.2	3.0	—
	Khuzdar *																							5
	Panjgur *	000	0	0	00	00	96	02	0	506	66	0	0	9	0	0	31	42	+ 3	+ 6	0.0	—	0.0	—

† Given in Code.

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

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

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

When ever 9?? is given RRR see the summary shown for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th APRIL, 1970.

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
ARABAIN SEA														
Mohammadi	99 1 65	10 6 20	05 0 03	00 0 00	97 0 20	13 0 25	00 9 00	23 0 00	...	..	05 6 18	...	3/ / 00	00 / 00
Laarderkerk	99 2 24	10 5 99	05 0 63	02 0 05	98 0 20	14 3 26	00 9 00	...	...	83 2 03	0/ / 18	12 5 32	30 1 01	00 / 00
Kablia	99 2 47	10 5 92	05 0 63	03 3 08	98 0 20	13 9 26	00 9 00	...	...	...	0/ / 21	12 5 19	30 2 02	00 / 00
Leninabad	99 1 72	10 6 70	05 0 63	02 6 05	99 0 20	17 2 29	00 9 00	...	74 2 09	..	...	12 8 58	3/ / 01	...
Berendrecht	99 1 77	10 6 63	05 1 23	10 2 04	98 0 20	12 7 27	10 8 04	..	-	...	06 / 17	12 7 20	30 / 01	99 / //
Kadylia	99 2 54	10 5 79	05 1 23	02 9 09	98 0 20	10 9 26	00 9 00	...	...	...	0/ / 22	12 6 73	30 1 01	00 / 00
Naarderaerk	99 2 38	10 5 78	05 1 23	00 0 00	98 0 20	13 1 26	00 9 00	...	74 8 19	...	0/ / 22	12 6 99	30 0 00	00 / 00
Barendrecht	99 1 88	10 6 51	05 1 83	02 8 04	98 0 10	13 9 25	00 9 00	...	...	—	0/ / 18	12 6 41	3/ / //	// / //
Leninabad	99 1 43	10 6 48	05 1 83	02 5 06	99 0 20	16 2 25	00 9 00	...	74 2 02	...	...	12 7 62	3/ / 01	...
Chavronsinshoven	99 1 49	10 6 95	05 1 83	10 1 09	98 0 20	14 1 27	9/ / //	...	74 2 09	...	0/ / 21	12 7 70	3/ / //	// / //
Kosnonsv	99 2 16	10 5 97	05 1 83	02 1 04	98 0 20	14 3 26	00 9 00	14 3 05	...		...	...	3/ / 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		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	011 236 08	...	509 142 16	120 030 38	577 125 50	744 251 50	947 393 45	216 539 //	396 653 //	634 795 //			
Dacca	00 00	011 244 20	..	559 205 07	/// /// //	/// /// //	/// /// //	/// /// //	...	...	...	...	...	..
Gilgit														
Jiwani														
Karachi	00 00	009 250 56	...	500 190 57	120 260 56	580 081 //	750 165 //	962 240 //	...	...	...	...	...	
Multan	00 00	996 230 66	...	580 230 20	161 090 25	581 095 //	752 171 //	965 221 //	273 385 //	...	...	...	...	..
Peshawar														
Quetta	00 00	822 132 60	...	/// /// //	110 025 //	562 295 //	719 421 //		...	...	...	..	...	.
Sargodha	00 00	996 194 50	...	490 180 58	070 290 11	549 121 //	751 231 //	958 325 //	238 391 //	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_d 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	900 164 13	800 114 24	650 000 56	600 035 48	...	...	...	...	...	...	...	...
Dacca	00 00	900 234 59	800 150 60	665 010 58	619 010 //	600 000 58	350 286 //	—	...	...	—	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	—	...	...	...	...	...	...	...
Multan	00 00	—	...	...	...	...	—	—	...	...	—	...	—
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	800 156 //	712 000 //	600 207 //	350 487 //	343 499 //	...	—	...	...	...	...	...
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	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	16	19	20	21	22	23	24	5	26	27
Barisal	180 07	220 09	225 11	265 12	280 12	320 09	...	...	...	190 13	220 09	270 07	330 10	335 23	330 27	230 17	230 13	215 06	250 08	245 09	325 21	015 11	335 06	330 10	295 29	...
Bogra	315 12	295 13	295 12	270 12	250 13	265 17	305 12	305 24	295 40	225 11	220 11	230 08	290 12	285 17	300 15	250 03	250 07	250 11	270 08	270 15	270 10	285 04	// //	300 08	/// //	—
Chaklala	...	/// //	/// //	295 07	/// //	235 08	300 15	320 12	230 08	...	145 06	120 06	095 02	030 04	020 08	...	240 05	265 05	295 06	345 04	035 05	005 09	300 09	270 21	270 19	—
Chhor	215 11	310 13	200 15	180 12	170 07	135 11	...	...		...						210 07	210 10	165 14	180 27	165 41	170 44					...
Chittagong	265 12	275 09	275 06	315 06	325 12	320 15	/// //	285 27	285 37	000 00	340 01	340 01	340 05	360 14	355 16	265 03	265 03	265 02	305 04	330 11	340 07	350 07	345 09	320 17	285 38	295 64
Cherat	...	...		...				...	...		...				...		...		...		...			...	...	...
Cox's Bazar	305 18	310 13	320 13	335 14	355 15	340 21	030 23	...	...	245 05	270 04	360 03	025 07	015 10	...	220 12	240 12	260 09	200 02	045 04	035 09	035 14	010 21	...	...	...
Dacca	180 15	200 21	220 21	225 17	280 20	300 23	305 27	310 21	305 21	225 14	240 13	225 14	/// //	290 08		235 09	245 13	250 15	255 16	230 12	300 15	/// //	045 04	330 08	310 23	300 56
Dalbandin	...	...	210 05	302 07	240 06	235 08	225 03	...	...		...	225 03	245 04	265 09	285 04	...		230 01	240 03	260 03	260 02	135 02	135 02	010 04	280 07	280 09
D. I. Khan	150 07	180 11	185 09	220 09	245 07	245 02	...	...	...	060 08	100 12	010 13	350 13	335 02	320 29	050 10	050 10	015 09	350 07	350 05	330 04	340 02	175 07	175 09	210 05	205 09
Drosh	...	...	...	240 07	235 07	250 05	215 11	200 12	...	...	...	..	065 11	055 04	360 03			...								...
Fort Sandeman	...	...	...	150 04	215 02	215 05	275 04	285 09	...	..	...	...	250 03	355 06	345 07	...	...	...	255 06	255 09	285 07	315 09	305 15	300 21	...	
Gilgit	...	...	...	255 03	190 03	165 03	110 07	210 08	225 10	...			015 01	085 02	040 05							...	...	...	...	...
Ishurdi	265 07	255 09	260 10	275 11	275 13	285 15	300 19	290 19	...	240 19	240 25	230 19	200 17	190 12	270 15	225 05	245 05	215 05	240 08	280 16	300 17				...	
Jacobabad	185 12	185 09	195 07	180 06	215 05	320 07	360 13	...	..	105 04	170 05	160 05	160 07	170 08	175 16	200 15	190 15	190 18	165 14	180 17	175 18	140 13	135 14	015 15	070 16	225 20
Jessore	205 12	215 13	225 13	245 16	270 15	295 21	320 23	...	.	235 19	210 17	240 17	2.5 08	280 15	285 13	210 07	230 15	230 16	220 12	260 12	305 19	320 07	325 05	310 03	295 29	..
Jhelum	270 07	270 13	290 11	295 07	280 07	300 10	...	...		305 06	305 08	/// //	285 06	270 06	275 08	270 01	255 03	245 04	235 09	260 09	285 12	295 12	280 10	275 13	230 14	210 22
Jiwani	280 11	345 05	005 05	080 06	090 08	100 17	100 05	265 03	265 04	025 09	315 14	315 16	385 08	340 //	360 13	120 07	075 05	035 06	315 13	340 12	020 10	040 11	015 09	335 15	...	.
Karachi	170 12	165 15	160 15	130 15	105 20	100 23	135 11	145 09		205 10	200 11					105 17	200 14	190 13								
Khanpur	165 06	175 08	175 09	230 07	235 04	200 04	315 13	320 08	315 12	210 10	220 08	235 08	265 12	275 16	270 08	255 17	250 18	245 18	245 14	260 11	255 14	255 23	260 26	260 27	245 29	250 35
Khuzdar			...			...		...	...		...		...			...	...	...			...	...		...		
Lahore	285 11	295 15	220 14	290 15	295 14	300 15	340 19	335 20	330 21	335 06	295 06	295 11	230 10	240 10	235 06	220 05	230 06	225 06	225 03	225 06	235 09	285 20	/// //	305 17	330 13	210 16
Multan	145 05	205 06	205 05	240 11	235 15	210 11	175 07	235 11	235 13	215 10	295 05	280 04	250 05	250 04	260 06	205 23	200 27	200 26	215 25	240 21	250 26	280 31	280 19	290 17	.	..
Nawab Shah	170 12	145 11	125 10	120 13	120 13	165 13	190 12	205 21	210 21	200 17	200 20	170 25	120 30	135 29	110 19	200 05	185 10	175 14	180 15	175 14	150 15	190 09	220 14	230 12	235 27	...
Nokkundi	...	...	320 10	015 06	010 02	060 04	135 03	/// //	145 05	No	Ascent					...	...	...							..	...
Panjgur	...									..	..	...	340 11	330 14	320 21	...	...		025 01	205 01	215 07	245 20	245 21	250 24	..	—
Peshawar	..	095 05	100 01	180 03	200 05	310 12	280 12	335 14	230 10	...	...	.	...	..	..	...	050 02	345 03	345 06	065 05	165 04	240 07	240 12	245 13	..	...
Parachinar	...	...	..	165 06	175 06	220 10	.	—		..	...	...	...	...	...	...	...	—		...	...			...	...	
Quetta		...		...	170 06	200 02	330 04			...	...		...	...	...				...	165 04	270 04	230 04	265 08	260 05		
Sargodha	190 09	205 10	205 07	275 08	305 10	320 10	300 07	250 07	255 08	140 09	200 08	250 06	250 10	295 08	290 08	185 03	180 06	180 06	215 07	240 06	255 06	205 08	205 07	220 15	225 12	245 26
Skardu	...	...	...				...	...	...	...		...		...	270 10						060 01	215 04	150 07	105 10	225 15	.
Sylhet	360 02	325 03	235 10	290 20	270 20	285 30	290 31	...	...	125 09	155 01	225 05	300 12	240 13	300 27	115 05	135 04	190 04	/// //	255 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	195 04	265 04	280 04	280 04	255 02	260 06	265 11	265 14	265 18	250 19	235 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 temperature in °C

Ta—Approximate tenth value in (O °C) even values indicate positive and odd [illegible]

[illegible]

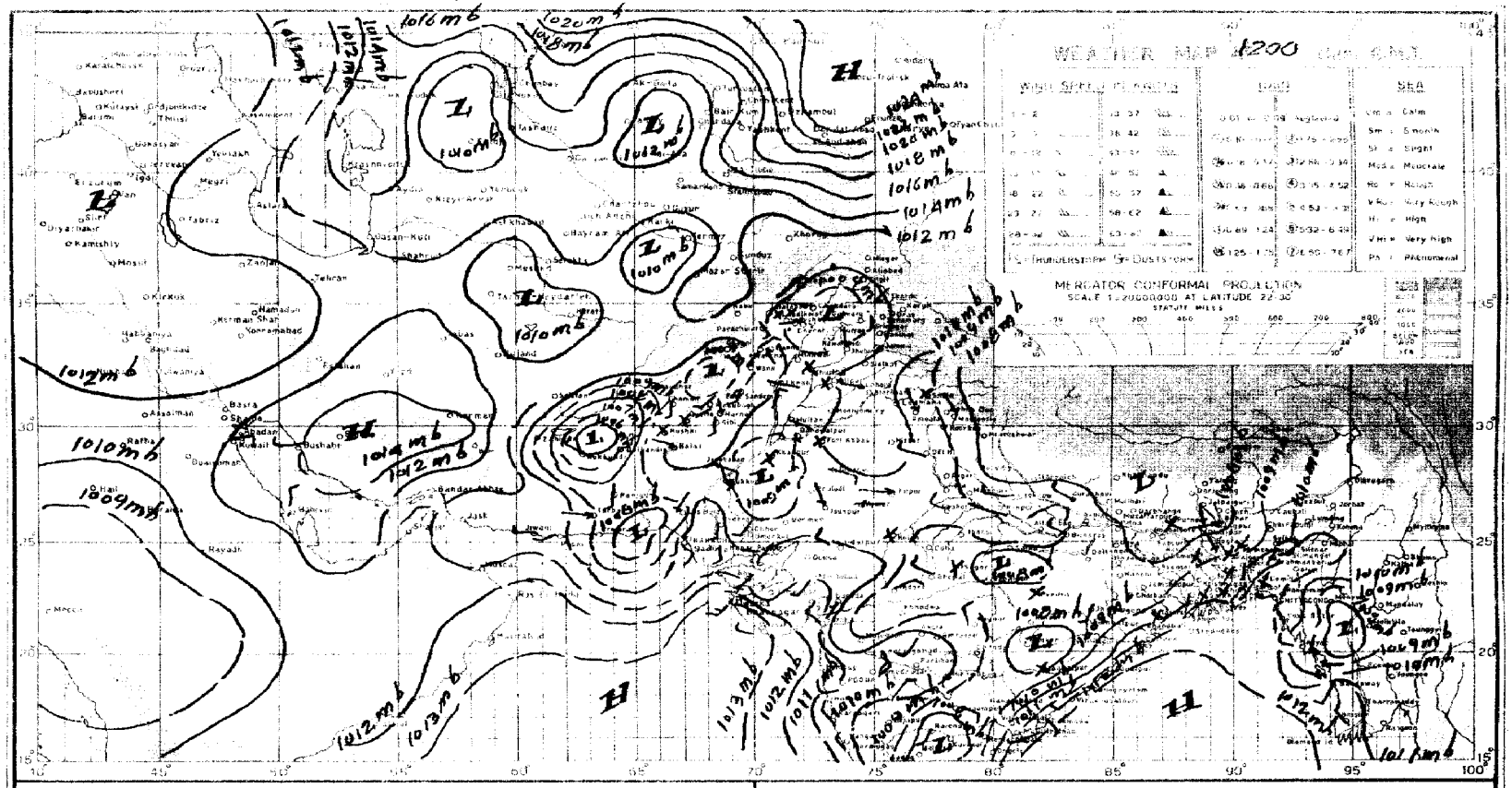
† The actual time of observations may vary within half an hour of the specified time.

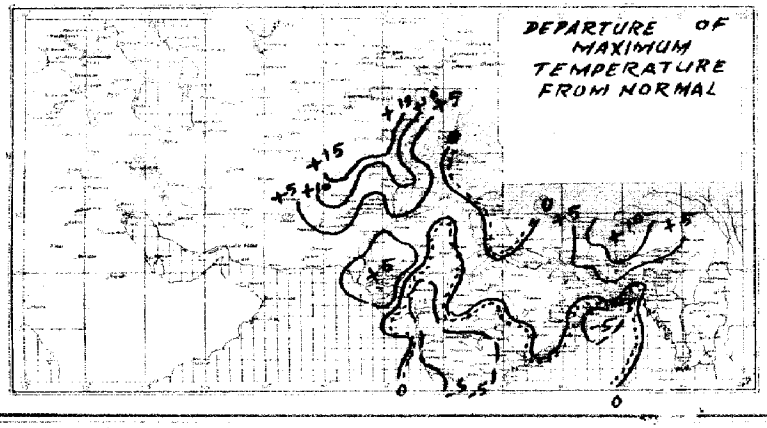
* The first two figures in each column give the wind direction "dd" in tens of degree reckoning from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

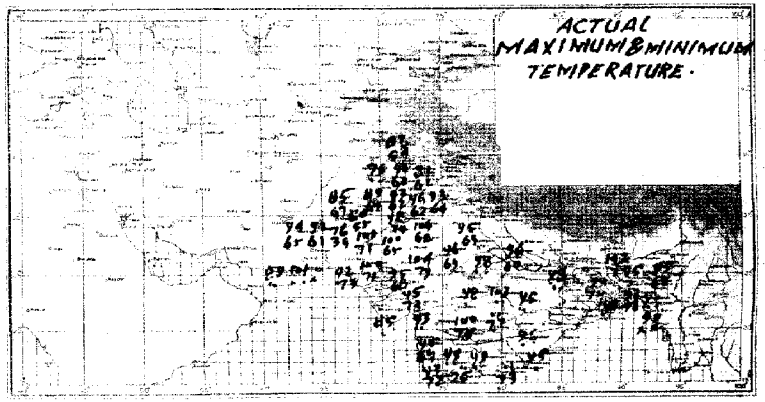
The [illegible] in this report ... not can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 5th APRIL, 1970

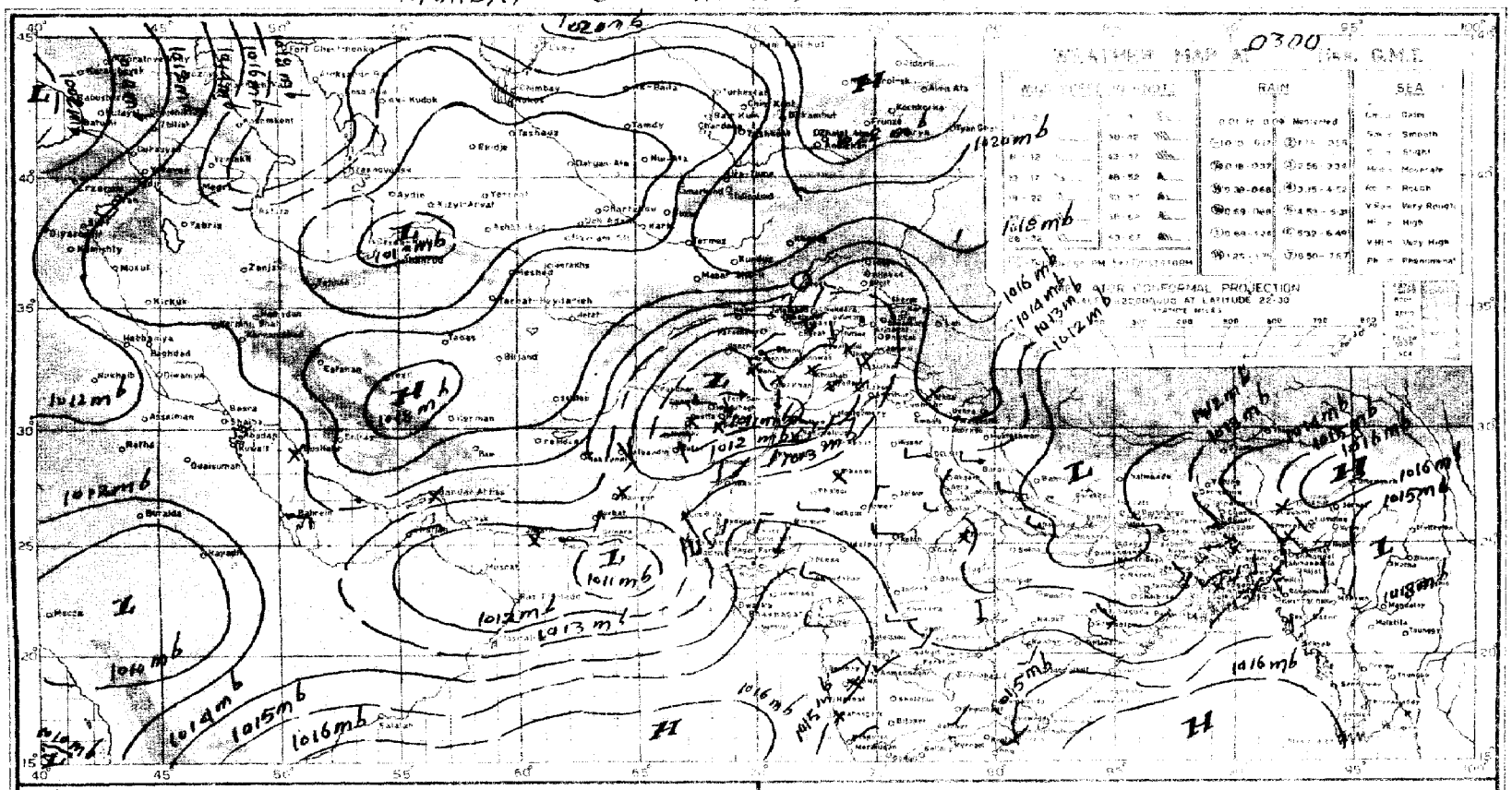


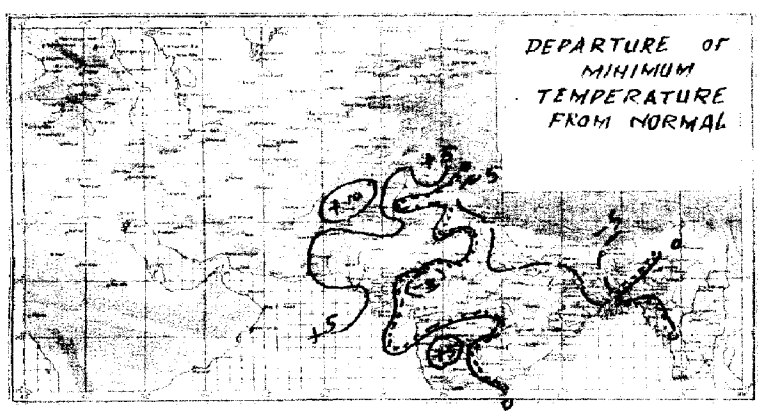


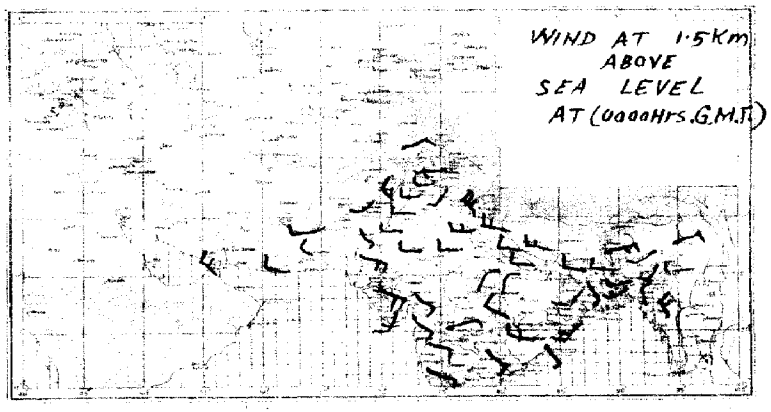


PAKISTAN DAILY WEATHER MAP

MONDAY 6th APRIL, 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 7th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar division and adjoining areas is moving across the northern divisions of West Pakistan. while its secondary lies over Kalat and Khairpur divisions.

A trough of low pressure lies over southwest Rajasthan and adjoining areas.

The trough of low pressure over Bihar and adjoining West Bengal persists.

A few thunderstorms have been reported from Peshawar and Quetta divisions.

Day temperatures were 9—12 °F (5—7 °C) above normal in Peshawar division and 3—8 °F (2—4 °C) so elsewhere over the country outside Dacca, Khulna, Malakand, Karachi, Hyderabad and Khairpur divisions and were 3—7 °F (2—4 °C) below normal. in Dacca and Hyderabad divisions.

Forecast valid until the evening of 8th April, 1970 :—Scattered thunderstorms/showers are likely to occur in East Pakistan and in Rawalpindi, Sargodha, Lahore and Multan divisions and Kashmir. A few dust/thunderstorms are also likely in Bahawalpur, Khairpur and Hyderabad divisions. Weather will be dry elsewhere over West Pakistan.

Karachi-11
The 7th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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	080	0	0	23	05	94	04	0	103	90	0	0	9	5	7	87	96
	Cox's Bazar	000	0	0	27	01	94	02	0	106	85	0	0	9	0	0	73	87
	Chittagong	000	0	2	27	02	98	03	0	105	85	0	0	9	0	2	76	91
	Maijdee Court	080	0	0	18	02	98	00	0	091	90	0	0	9	0	0	77	93
	Comilla	000	0	0	00	00	90	02	0	098	87	0	0	9	0	0	85	91
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	0	00	00	96	01	0	085	87	0	0	9	0	0	73	91
	Srimangal	000	0	0	00	00	96	00	0	079	87	0	0	8	0	0	//	98
Dacca	Mymensingh	000	0	0	00	00	97	00	1	099	91	0	0	9	0	0	51	91
	Narayanganj	000	0	0	23	02	93	00	0	086	87	0	0	9	0	0	77	67
	Dacca (Tejgaon)	000	0	1	18	09	97	01	0	084	91	1	0	9	3	0	54	97
	Faridpur	000	0	2	20	02	97	01	1	092	93	2	0	6	0	0	51	98
Khulna	Barisal	000	0	0	18	03	96	02	0	092	91	0	0	9	0	0	73	93
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	000	0	0	00	00	96	00	0	091	90	0	0	9	0	0	64	96
	Jessore	000	0	3	18	08	96	02	0	085	90	0	0	9	0	1	59	96
Rajshahi	Pabna	000	0	0	23	05	98	00	1	089	86	0	0	9	0	0	63	98
	Sirajganj	000	0	0	00	00	96	30	0	076	96	0	0	9	0	0	39	98
	Rajshahi	000	0	0	00	00	96	01	0	079	95	0	0	9	0	0	72	100
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	0	0	09	02	96	00	0	075	91	0	0	9	0	0	63	96
	Rangpur	000	0	0	00	00	96	01	0	077	86	0	0	9	0	0	77	100
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	01	0	072	95	0	0	9	0	0	47	96
	Sialkot	000	0	0	00	00	97	00	0	085	91	0	0	9	0	0	80	90
Rawalpindi	Jhelum	000	0	5	23	05	97	03	0	076	91	4	0	9	7	1	56	96
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	7	27	07	98	02	2	086	87	0	0	9	0	8	54	91
	Campbellpur																	
Sargodha	Khushab	000	0	4	09	//	96	02	2	079	87	0	0	9	4	0	//	93
	Sargodha	000	0	3	23	05	97	01	1	066	96	0	0	9	0	1	40	98
	Lyallpur	000	0	0	29	02	97	00	0	071	90	0	0	9	0	0	50	95
Multan	Sahiwal																	
	Multan	000	0	6	20	16	95	07	2	070	96	2	2	5	6	3	63	//
	Leiah	000	0	0	36	00	96	00	0	017	90	0	0	9	0	0	56	87
Bahawalpur	Khanpur	000	0	6	23	07	96	02	2	085	95	3	2	6	3	0	49	98
	Bahawalpur	000	0	0	00	00	96	00	0	084	91	0	0	9	0	0	64	00
	Fort Abbas	000	0	0	27	02	98	00	0	095	95	0	0	9	0	0	50	96
Malakand	Chakdra	000	0	4	23	02	98	03	1	033	87	4	0	9	3	0	59	87
Peshawar	Peshawar	000	0	7	23	07	97	02	2	015	82	2	9	6	2	6	54	98
	Haripur	000	0	0	36	05	97	00	0	141	67	2	2	9	0	0	38	87
D. I. Khan	Bannu	000	0	7	31	02	98	03	2	068	90	2	2	7	8	3	58	93
	D. I. Khan	000	0	0	00	00	97	02	0	069	91	0	0	9	0	4	51	98
Quetta	Sibi	008	0	2	18	03	97	02	1	092	99	0	0	9	0	0	48	01
	Nokkundi	000	0	3	34	19	95	07	2	054	92	3	6	6	0	0	57	93
Kalat	Turbat	000	0	0	09	04	96	00	0	114	94	0	0	9	0	0	51	94
	Jiwani	000	0	0	23	09	96	02	0	099	83	0	0	9	0	0	67	87
	Pasni	000	0	0	25	06	97	02	0	119	84	0	0	0	0	0	81	86
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	004	0	0	18	07	97	02	6	100	83	0	0	9	0	0	74	97
	Karachi (Airport)	000	0	4	18	09	96	01	1	108	84	4	6	5	0	0	65	86
Hyderabad	Nagarparkar	000	0	0	23	02	97	02	0	149	93	6	0	6	0	0	93	97
	Chhor	000	0	0	27	03	96	02	0	099	92	0	0	9	0	0	51	93
	Hyderabad	000	0	3	23	03	97	03	0	100	91	3	5	6	0	0	61	93
	Badin	000	0	0	23	10	97	02	0	114	90	0	0	9	0	0	63	92
Khairpur	Padidan	000	0	1	13	07	96	02	0	093	91	0	0	9	0	1	53	95
	Nawabshah	000	0	2	13	05	96	01	0	097	92	2	1	6	0	0	53	93
	Sukkur	000	0	0	23	05	96	02	0	089	96	0	0	9	0	0	50	97
	Kashmore																	
	Jacobabad	000	0	1	18	07	97	01	0	086	95	1	0	9	1	0	59	96
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *																	
Peshawar	Cherat *	000	0	8	34	02	98	03	0	520	78	0	0	9	6	0	45	82
	Kakul *	000	0	7	05	09	98	03	2	543	76	3	5	6	3	0	40	80
	Landikotal *	000	0	8	31	05	98	02	0	480	68	8	7	6	0	0	56	85
	Parachinar *	000	0	7	00	00	98	02	0	549	82	7	0	0	0	0	73	85
D.I. Khan	Miranshah *	000	0	4	05	05	96	03	0	521	85	4	0	9	0	0	51	85
	Wana *	000	0	0	00	00	98	00	0	400	78	0	0	9	0	0	50	80
Quetta	Fort Sandeman *	000	0	7	33	01	97	01	2	497	76	5	4	7	3	0	31	81
	Hindubagh *	000	0	6	23	13	97	03	6	///	55	6	2	5	0	0	39	86
	Loralai *	000	0	4	27	06	97	01	0	480	75	0	1	9	0	4	48	80
	Barkhan *																	
	Harnai *	000	0	3	13	02	96	03	0	507	78	0	0	9	0	0	45	89
	Samungli (Quetta) *	000	0	5	16	07	96	01	3	509	71	2	1	6	0	4	37	75
	Chaman *	000	0	0	27	03	97	02	0	528	82	0	0	9	0	0	54	83
	Nushki *	000	0	0	01	07	97	03	0	542	84	0	0	9	0	0	45	89
	Dalbandin *	000	0	0	00	00	95	05	9	516	86	6	0	9	2	0	25	91
Kalat	Kalat *	000	0	0	34	03	97	00	2	500	68	0	0	9	0	1	24	75
	Khuzdar *	080	0	6	13	03	97	03	2	527	81	6	5	7	0	1	36	85
	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: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st April, 1970 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	030	0	1	15	09	94	04	0	151	86	0	0	9	0	0	73	73	—	—	—	—	—	-
	Cox's Bazar	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	— 1					140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					109
	Maijdee Court	080	0	0	00	09	98	00	...	139	85	0	0	9	0	0	73	73	+ 5	— 2	—	—	—	115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					94
	Brahmanbaria	000	0	0	18	01	97	00	0	132	85	0	0	9	0	0	73	73		—	—	—	—	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	132	86	0	0	9	0	0	73	79	— 1	+ 8	0.0	— 0.6	2.1	91
	Narayanganj	000	0	3	18	02	97	01	1	132	84	1	6	9	3	1	73	75	— 6	+ 1	2.2	+ 1.4	3.8	74
	Dacca (Tejgaon)	000	0	1	18	05	97	02	0	129	82	0	0	9	0	1	73	73	—	—	0.5	—	2.9	—
	Faridpur	000	0	2	34	05	97	01	0	121	84	2	0	9	0	1	60	68	+ 4	— 5	0.2	— 0.4	2.6	71
Khulna	Barisal	080	0	3	18	03	97	02	4	136	81	3	4	4	0	9	77	69	+ 1	— 5	0.7	+ 0.1	5.0	81
	Khulna	000	0	3	00	00	97	00	0	125	84	0	0	9	0	0	65	73		0	—	—	—	68
	Satkhira	000	0	0	00	00	96	00	1	132	84	3	0	6	1	0	73	//	+ 1	—	—	—	—	68
	Jessore	000	0	3	21	05	96	02	4	123	81	2	0	9	3	1	75	73	—	—	3.0	+ 2.7	6.8	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						59
	Sirajganj	000	0	0	18	02	98	00	0	117	87	0	0	9	0	0	69	73	+ 2	+ 3	0.1	+ 0.5	2.1	64
	Rajshahi	000	0	3	31	02	96	02	0	130	90	0	0	9	0	1	60	73	+ 3	+ 1	0.0	— 0.2	2.0	—
	Bogra	000	0	4	18	02	96	03	0	118	84	0	0	9	0	1	65	69	—	— 1	0.0	— 0.4	1.5	69
	Dinajpur	000	0	0	09	02	96	00	0	122	82	0	0	9	0	0	62	69	+ 1	+ 1	—	—	—	72
	Rangpur	000	0	0	00	00	96	01	0	139	82	0	0	9	0	0	69	64	+ 8	— 4	0.0	— 0.3	1.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	18	03	96	05	0	115	79	1	0	9	3	1	50	73	+ 3	+ 12	0.0	— 0.2	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	///	79	0	0	9	0	0	43	//	+ 6	—	—	—	—	32
Rawalpindi	Jhelum	000	0	7	00	00	97	03	0	120	75	0	0	9	0	6	56	65	—	—	0.0	—	5.4	—
	Islamabad	000	0	5	00	00	96	02	2	///	76	2	3	7	4	0	52	68	—	—	—	—	—	
	Rawalpindi	000	0	4	02	02	98	00	1	124	73	0	0	9	0	3	51	65	+ 9	+ 8	0.0	— 0.5	8.5	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	114	65	0	0	9	0	0	64	62	—	— 3	—	—	—	15
	Sargodha	000	0	4	09	02	95	04	1	112	69	6	4	5	0	0	58	65	—	—	0.0	—	1.7	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		+ 4					12
Multan	Sahiwal																							19
	Multan	000	0	1	23	02	97	01	1	116	79	0	0	9	0	1	59	73	+ 7	+ 8	0.0	— 0.1	0.8	7
	Leiah	000	0	0	36	02	93	00	0	112	69	0	0	9	0	0	54	58	—	—	—		—	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	119	82	0	0	9	0	0	54	64	+ 1	+ 1	0.0	— 0.1	1.7	6
	Bahawalpur	000	0	0	00	00	96	00	0	156	84	0	0	9	0	0	58	65	+ 5	+ 2	0.0	0.0	0.4	6
	Fort Abbas	000	0	0	00	00	98	00	0	128	70	0	0	9	0	0	54	65	—	—	—	—	—	8
Malakand	Chakdra	000	0	6	05	02	97	03	2	138	62	6	0	?	3	0	51	58	—	—	—	—	—	—
Peshawar	Peshawar	000	0	5	16	05	97	03	1	142	69	1	0	9	3	1	56	62	+ 8	+ 4	0.0	— 0.5	3.3	11
	Haripur	000	0	6	05	03	97	03	2	074	73	0	0	9	3	0	47	50	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	5	34	04	99	03	1	///	73	0	0	9	0	7	54	64	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	96	02	0	131	75	0	0	9	0	0	49	73	+ 8	+ 16	0.0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	00	00	97	02	0	128	72	0	0	9	0	0	56	66	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	05	05	97	02	0	121	70	0	0	9	0	0	55	60	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	09	05	98	00	0	160	75	0	0	9	0	0	62	72	—	—	0.0	—	0.7	—
	Jiwani	000	0	2	27	07	96	01	4	128	75	2	6	4	0	0	70	70	—	—	0.0	—	8.3	5
	Pasni	000	0	4	13	06	97	02	0	132	75	4	0	9	0	0	75	//	— 2	—	0.0	— 0.1	2.5	6
Karachi division	Ormara																							6
	Lasbela																	72						8
	Karachi (Manora)	000	0	2	27	03	96	03	0	128	77	2	6	4	0	0	73	77	+ 2	+ 3	0.0	0.0	1.1	8
	Karachi (Airport)	000	0	0	29	02	96	02	-0	126	76	0	0	9	0	0	70	73	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	78	—					—
	Chhor	000	0	0	00	00	96	03	0	130	77	0	0	9	0	0	67	51	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	00	00	97	02	1	133	76	0	0	9	0	0	70	71	— 7	0	0.0	0.0	1.1	9
	Badin	000	0	0	23	03	97	02	0	118	74	0	0	9	0	0	66	74	—	+ 3	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	00	02	96	02	0	129	75	0	0	9	0	0	63	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	00	00	96	02	0	132	73	0	0	9	0	0	66	67	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	02	95	05	4	127	73	0	0	9	0	0	60	70	—	—	0.0	—	0.9	—
	Kashmore																							4
	Jacobabad	000	0	0	12	03	96	02	●	125	78	0	0	9	0	0	56	71	—	— 13	0.0	0.0	2.1	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar **																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							8
	Gilgit *																							39
Rawalpindi	Murree *																							10
Malakand	Drosh *																							19
Peshawar	Cherat *	000	0	0	00	02	98	02	0	///	62	0	0	9	0	0	43	60	+ 12	—	—	—	—	—
	Kakul *	000	0	7	13	05	98	17	9	537	60	5	7	5	3	0	45	59	—	—	0.0	—	14.2	—
	Landikotal *	000	0	4	36	02	98	01	0	511	60	4	3	9	0	0	49	51	—	—	0.0	—	3.6	26
	Parachinar *	000	0	5	00	00	97	01	9	528	59	3	5	6	1	0	40	54	+ 19	+ 9	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	528	65	0	0	9	0	0	47	54	—	—	0.0	— 0.5	0.1	11
	Wana *	000	0	0	00	00	98	00	0	445	58	0	0	9	0	0	38	50	—	—	—	—	—	13
Quetta	Fort Sandeman *	000	0	0	23	02	97	01	1	516	61	0	0	9	0	0	35	56	+ 5	+ 5	0.0	— 0.3	2.8	—
	Hindubagh *	000	0	0	00	00	98	02	0	///	//	0	0	9	0	0	23	30	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	09	03	90	00	0	480	55	0	0	9	0	0	36	50	—	—	0.0	—	2.1	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	495	70	0	0	9	0	0	54	44	—	—	0.0	— 0.3	3.8	9
	Samungli (Quetta) *	000	0	0	13	04	96	02	0	538	59	0	0	9	0	0	43	48	—	—	—	—	—	9
	Chaman *	000	0	0	09	03	97	02	0	524	73	0	0	9	0	0	30	65	+ 7	+ 10	0.0	— 0.1	7.7	—
	Nushki *	000	0	0	07	05	97	02	0	561	73	0	0	9	0	0	34	68	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	0	00	00	95	05	0	511	64	0	0	9	0	0	39	57	+ 5	+ 1	0.0	— 0.1	3.3	7
Kalat	Kalat *	000	0	0	18	02	98	00	2	549	48	0	0	9	0	0	35	31	+ 5	— 11	0.0	— 0.1	3.0	—
	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 000 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th APRIL, 1970.

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
ARABAIN SEA														
Brandersacht	99 2 11	10 6 24	06 0 63	32 8 06	98 0 30	14 2 25	31 3 00	..			0/ / 21	12 6 32	30 2 01	27 3 07
Krdo	99 2 48	10 6 65	06 1 23	11 2 02	98 0 20	10 8 37	00 9 06	63 7 13			05 2 20	12 8 25	30 1 12	16 5 02
Krdo	99 2 22	10 6 12	06 4 33	02 1 09	98 0 20	11 3 37	00 9 00	...			0/ / 22	12 6 37	30 1 01	23 3 02
Welsh City	99 2 19	10 6 87	06 1 83	22 8 09	99 0 20	14 5 25	...	73 0 10			00 9 21	12 5 55	...	...
Lennabad	99 2 38	10 5 93	06 1 81	23 3 06	98 0 28	13 5 25	21 5 00	74 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
		PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	009 242 12	...	509 157 //	134 040 57	581 095 58	749 207 //	955 801 //	224 561 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	008 250 56	...	500 204 59	152 120 //	588 041 //	770 161 //	972 271 //	...	...	...	...	...	...
Multan ...	00 00	996 250 61	...	500 130 58	072 065 //	554 395 //	...	...	...	...	...	...	...	...
Peshawar ...	00 00	/// /// //	...	/// /// //	000 050 59	575 127 81	742 321 //	947 367 //	216 521 //	403 521 //	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	995 184 56	...	500 174 56	181 043 01	587 087 //	759 131 //	974 241 //	270 341 //	840 411 //	...	...	...	...

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												
Dacca ...	00 00	908 234 57	600 009 56	350 281 //	...	...	...	...	...	...	...	...	...
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 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	180 06	215 09	225 10	250 13	260 07	311 27	045 06	050 07	...
Bogra	280 11	290 15	290 15	260 27	260 25	250 25	280 06	...	...
Chaklala	...	010 05	285 02	205 07	215 11	225 11	230 19	...	...
Chhor	225 07	125 11	120 11	200 11	185 18	200 23	230 16	225 21	240 27
Chittagong	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	285 13	240 12	290 12	300 15	315 16	345 10	010 09	001 09	020 10
Dacca	190 13	190 17	190 18	200 25	210 35	210 25	225 12	255 27	250 27
Dalbandin	...	...	055 05	035 09	005 07	315 08	350 09	...	335 02
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	No	Ascent	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	/// //	230 05	/// //	270 11	/// //	*240 07
Gilgit	...	...	...	215 03	320 09	200 03	105 07	...	...
Ishurdi	315 06	315 07	305 09	290 06	275 06	295 06	...	...	...
Jacobabad	160 12	175 16	176 18	150 13	125 18	110 13	105 13	060 15	310 10
Jessore	195 15	200 13	225 14	240 12	290 14	305 16	335 17	...	...
Jhelum	210 14	190 17	185 06	195 12	275 08	240 15	...	...	...
Jiwani	220 05	260 06	260 06	320 08	325 08	345 12	070 09	350 09	330 18
Karachi	185 09	185 10	170 11	...	...	...	...	...	...
Khanpur	230 17	235 19	235 01	125 03	235 11	/// //	180 06	...	...
Khuzdar	...	...	...	170 10	120 03	187 31		...	...
Lahore	195 03	205 04	200 04	230 07	240 07	255 10	220 19	275 18	275 17
Multan	210 20	220 05	235 01	230 20	245 15	255 05	255 21	265 15	270 20
Nawab Shah	180 07	190 07	195 05	215 08	190 11	190 07	215 09	230 13	255 15
Nokkundi	No	Ascent	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	275 04	270 07	265 09	280 13	260 07	185 12	175 13	185 15
Parachinar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	160 07	079 04	...	...	...
Sargodha	220 08	215 08	210 10	185 10	190 15	210 14	210 15	210 19	210 24
Skardu	No	Ascent	...	...	...	...	...	...	...
Sylhet	165 03	175 02	220 03	250 13	255 19	260 15	270 21	250 23	260 26
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	225 07	230 11	230 09	265 08	...	...
Bogra	225 06	200 06	215 06	275 08	255 12	285 22
Chaklala	...	055 14	045 17	025 12	360 07	335 11
Chhor	250 12	170 08	160 05	150 07	...	...
Chittagong	075 01	075 04	050 06	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...
Dacca	240 18	230 12	260 12	...	...	...
Dalbandin		...	090 06	090 04	060 04	020 04
D. I. Khan	040 19	045 18	055 15	020 05	240 15	245 07
Drosh	...	...	...	165 01	125 01	195 06
Fort Sandeman	...	...	...	235 06	210 13	255 11
Gilgit	...			350 05	185 03	120 11
Ishurdi	245 20	245 08	170 05	230 12	275 12	290 27
Jacobabad	075 11	155 13	075 17	115 17	005 12	015 07
Jessore	230 15	230 25	235 29	240 17	105 02	...
Jhelum	105 13	120 19	130 20	120 15	175 08	185 09
Jiwani	...	...	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	255 15	230 09	195 10	165 09	125 04	080 06
Khuzdar	...	...	...	310 03	315 04	320 06
Lahore	250 11	255 15	260 15	255 14	255 10	245 09
Multan	245 15	290 15	265 16	295 08	265 16	290 08
Nawab Shah	195 05	150 04	135 03	080 03	055 03	015 01
Nokkundi	...	...		...	...	...
Panjgur	...	...	...	...	...	...
Peshawar	...	250 04	315 04	325 18	330 08	275 16
Parachinar	...	...	...	240 34	095 06	...
Quetta	...	...	...	...	210 03	240 06
Sargodha	215 02	175 03	215 01	310 17	275 03	280 02
Skardu	...	...	...		...	280 02
Sylhet	...	...	...	...	...	...
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	190 10	210 11	210 13	215 13	200 04	225 10	255 23	...	...	...	...
Bogra	170 03	210 02	235 06	...	...	...	...	...	...	...	...
Chaklala	...	010 01	080 03	080 04	095 06	...	...	...	...	...	...
Chhor	135 02	095 06	015 09	050 01	125 05	225 04	255 06	270 08	255 23	275 23	290 27
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	180 12	205 18	230 21	225 20	215 15	225 13	295 31	270 28	270 34	...	...
Dalbandin	...		195 01	360 13	360 08	010 13	015 06	101 08	350 14	360 27	340 27
D. I. Khan	360 07	015 08	022 18	025 08	360 03	320 05	240 08	260 60	260 07	240 07	310 09
Drosh	No	Ascent	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	050 01	225 03	225 04	305 11	270 08	265 15	275 23	290 30
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	140 04	235 07	255 09	235 14	245 19	...	...	...	...	...	...
Jacobabad	200 03	200 03	090 06	090 06	060 09	030 17	035 19	040 20	025 16	010 13	290 37
Jessore	210 12	215 13	230 13	200 20	205 12	260 15	290 32	...			...
Jhelum	060 02	090 05	125 15	135 15	180 13	200 10	270 12	260 16	260 13	245 11	270 16
Jiwani	250 09	285 10	205 13	320 16	020 16	055 15	...	...	...	...	...
Karachi	290 07	300 07	330 08	245 12	330 17	355 15	360 21	350 20	360 27	...	...
Khanpur	225 09	225 10	225 10	220 09	210 13	225 22	175 08	090 11	085 21	120 18	100 08
Khuzdar	...	...	...	345 03	360 09	010 17	010 13	350 16	340 19	310 17	335 27
Lahore	255 04	255 06	255 06	245 09	245 13	245 13	235 15	235 13	205 19	195 17	195 17
Multan	240 06	255 09	255 12	230 21	215 19	260 04	095 04	220 01	010 05	315 08	280 07
Nawab Shah	125 12	115 03	100 04	065 02	025 18	015 07	355 08	305 15	295 16	260 30	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar		015 08	010 14	300 09	300 13	250 08	235 09	...	...	...	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...		...	290 08	070 04	340 08	285 17	335 08	335 09	355 07
Sargodha	050 03	330 04	280 03	245 05	330 07	225 04	250 10	215 06	295 03	290 07	265 13
Skardu	...	...	...	...	...	205 04	190 06	...	...	...	...
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 ...	275 12	275 06	275 11	310 08	330 08	280 09	265 13	265 17	285 16	275 17	...	...	...	...	...	...	...	...
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

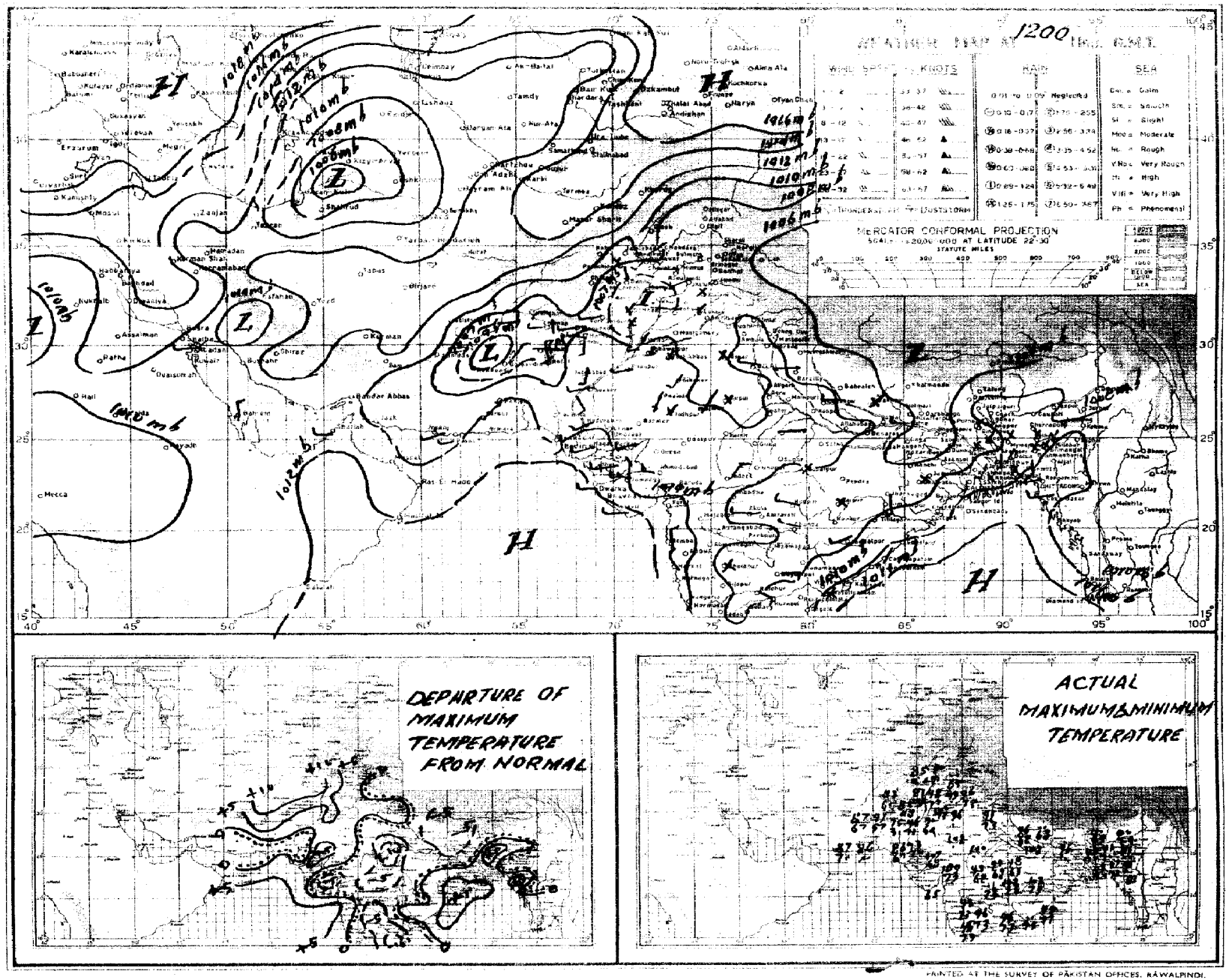
† The actual time of observations may vary within half an hour of the specified time.

* 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 "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

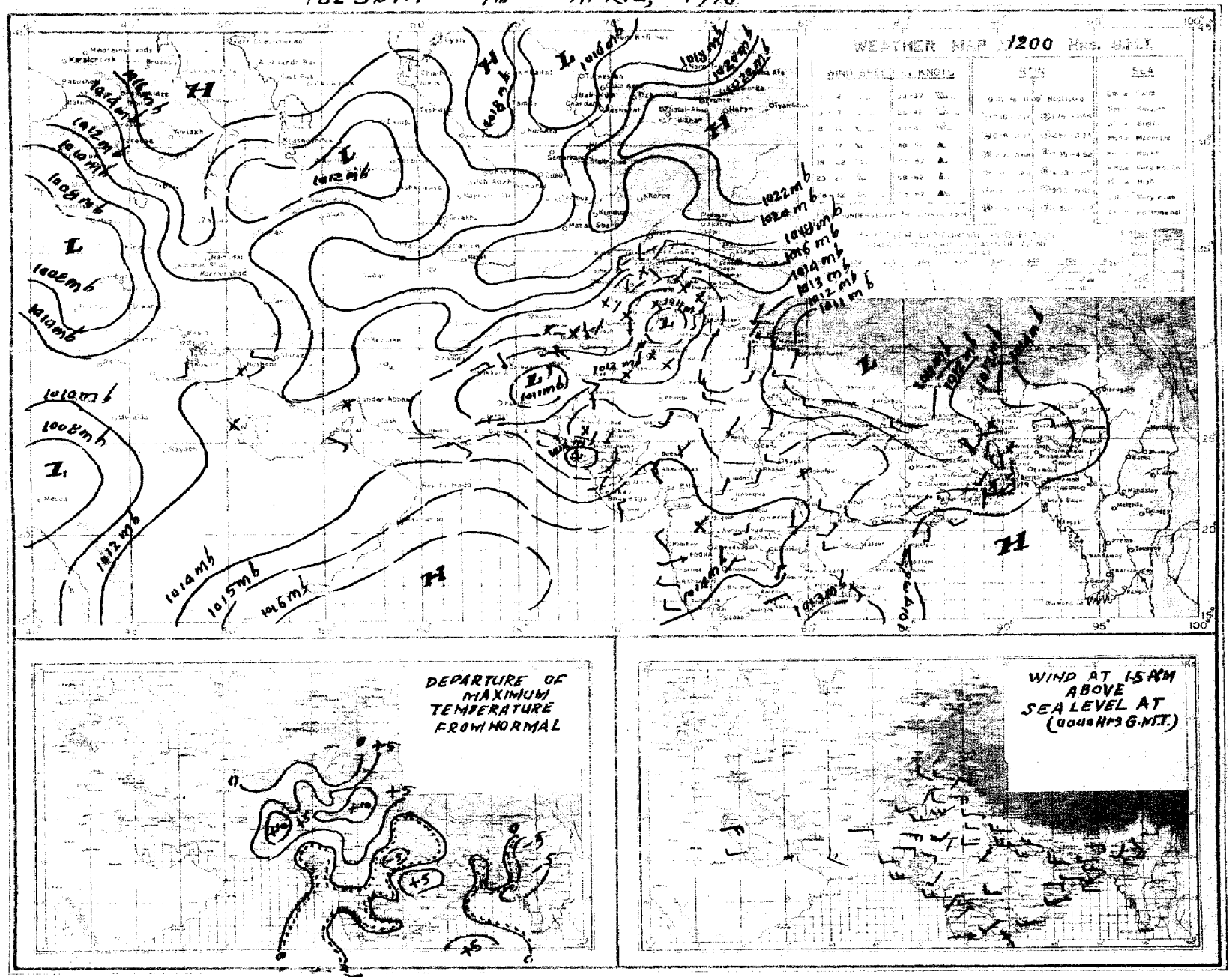
MONDAY, 6th APRIL, 1970.



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th APRIL, 1970



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

WEDNESDAY THE 8th APRIL, 1970.

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

Yesterday's western disturbance over northern divisions of West Pakistan moved slightly northeastwards. Its secondary over Kalat and Khairpur divisions now lies over Hyderabad and Khairpur divisions. Weather remained dry in West Pakistan.

The trough of low pressure over Bihar and adjoining West Bengal persists. Weather remained dry in East Pakistan.

Day temperatures were 3—5 °F (2—3 °C) below normal in Hyderabad division and 3—6 °F (2—3 °C) above normal in East Pakistan and 3—8 °F (2—4 °C) so elsewhere over West Pakiston outside Karachi and Khairpur divisions where these remained nearly normal.

Forecast valid until the evening of 9th April, 1970 :— Scattered thunderstorms/showers with squally winds are likely over East Pakistan and in Lahore, Sargodha, Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely to occur in Multan, Bahawalpur, Khairpur and Hyderabad divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 8th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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 TxTm (19)
Chittagong	Rangamati —	000	0	0	00	00	94	04	0	097	87	0	0	9	0	0	84	94
	Cox's Bazar —	000	0	5	24	00	95	03	0	103	//	5	3	4	1	7	//	//
	Chittagong —	000	0	0	00	00	//	00	0	112	86	0	0	9	0	0	73	93
	Maijdee Court —	000	0	7	00	00	96	03	2	090	87	2	5	2	0	0	79	90
	Comilla —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria —	000	0	6	18	02	97	02	1	///	//	0	0	9	0	7	65	94
	Sylhet —																	
	Srimangal —	000	0	3	00	00	96	02	0	070	90	1	5	5	7	1	64	96
Dacca	Mymensingh —	000	0	4	00	00	96	01	1	077	91	4	5	6	0	0	64	98
	Narayanganj —	000	0	8	18	02	93	02	2	076	87	8	6	4	1	1	77	87
	Dacca (Tejgaon) —	000	0	7	23	05	97	02	2	068	91	2	0	9	6	4	60	96
	Faridpur —	000	0	6	20	07	97	02	2	073	91	6	5	5	0	0	63	98
Khulna	Barisal —	000	0	5	18	05	97	03	2	088	87	0	0	9	0	2	73	93
	Khulna —	000	0	0	00	00	97	00	0	119	90	0	0	9	0	0	71	96
	Satkhira —	000	0	7	00	00	96	03	2	083	87	4	4	8	3	0	67	96
	Jessore —	000	0	6	18	10	96	02	2	079	90	3	0	9	3	7	70	95
Rajshahi	Pabna —	000	0	2	30	05	98	03	1	070	98	4	2	7	0	0	64	104
	Sirajganj —	000	0	2	00	00	96	01	1	058	96	2	0	9	3	0	56	98
	Rajshahi —	000	0	7	00	00	96	01	2	065	93	0	0	9	3	1	60	100
	Bogra —	000	0	4	23	02	96	03	0	059	95	0	0	9	3	1	43	102
	Dinajpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur —	000	0	0	00	00	96	01	0	080	86	0	0	9	0	0	76	102
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	0	0	27	03	96	06	0	075	93	0	0	9	0	0	54	95
	Sialkot —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum —	000	0	3	00	00	97	01	2	068	96	0	0	9	0	1	58	96
	Islamabad —																	
	Rawalpindi —	000	0	6	31	02	96	02	2	076	86	0	0	9	0	8	49	91
	Campbellpur —																	
Sargodha	Khushab —	000	0	0	00	00	97	00	0	069	90	0	0	9	0	0	73	98
	Sargodha —	000	0	4	00	00	96	00	0	072	91	0	0	9	0	1	60	93
	Lyallpur —	000	0	0	29	02	97	01	2	068	96	0	0	9	0	0	58	96
Multan	Sahiwal —																	
	Multan —	000	0	3	23	05	97	03	0	073	96	0	0	9	0	2	58	98
	Leiah —	000	0	0	36	02	95	02	0	083	90	0	0	9	0	0	49	90
Bahawalpur	Khanpur —	000	0	3	00	00	97	61	0	078	95	1	0	9	3	1	40	98
	Bahawalpur —	000	0	0	00	00	96	00	0	072	96	0	0	9	0	0	54	100
	Fort Abbas —	000	0	0	36	02	98	00	0	102	81	0	0	9	0	0	49	82
Malakand	Chakdra —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar —	000	0	2	13	05	97	01	1	081	80	1	1	6	0	1	50	98
	Haripur —	000	0	0	23	05	97	00	0	102	62	0	0	9	0	0	49	82
D. I. Khan	Bannu —	000	0	3	13	02	99	02	2	070	91	0	0	9	4	0	51	96
	D. I. Khan —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi —	000	0	2	18	03	97	03	1	076	10	2	0	9	0	0	38	102
	Nokkundi —	000	0	3	05	05	97	03	0	085	96	6	6	6	0	0	61	18
Kalat	Turbat —	000	0	0	31	02	98	00	0	108	10	0	0	9	0	0	48	100
	Jiwani —	000	0	0	25	07	96	02	0	106	87	0	0	9	0	0	65	87
	Pasni —	000	0	0	25	22	97	02	0	107	85	0	0	9	0	0	78	88
Karachi Division	Ormara —																	
	Lasbela —																	
	Karachi (Manora) —	000	0	0	27	07	97	02	0	091	81	0	0	9	0	0	75	84
	Karachi (Airport) —	000	0	1	23	10	96	01	0	097	83	1	5	5	0	0	69	89
Hyderabad	Nagarparkar —	000	0	0	05	02	97	02	0	139	95	0	0	9	0	0	95	98
	Chhor —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad —	000	0	0	09	05	97	02	0	086	93	0	0	9	0	0	56	95
	Badin —	000	0	0	27	05	97	02	0	092	96	0	0	9	0	0	52	98
Khairpur	Padidan —	000	0	0	23	02	97	03	0	089	93	0	0	9	0	0	47	90
	Nawabshah —	000	0	0	00	00	96	02	0	087	95	0	0	9	0	0	62	97
	Sukkur —	000	0	0	13	02	96	02	0	081	97	0	0	9	0	0	51	99
	Kashmore —	000	0	0	18	02	98	02	0	079	96	0	0	9	0	0	46	98
	Jacobabad —	000	0	1	00	00	97	03	0	066	97	1	0	9		0	54	98
Junagadh	Veraval —																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...																	
Malakand	Drosh * ...																	
Peshawar	Cherat * ...	000	0	1	23	03	98	01	1	491	77	3	2	7	0	0	40	80
	Kakul * ...	000	0	0	02	03	98	00	0	505	73	0	0	9	0	0	45	78
	Landikotal * ...	000	0	6	27	05	98	01	2	507	73	2	4	5	0	5	47	77
	Parachinar * ...	000	0	4	36	02	98	01	0	471	82	4	3	9	0	0	70	82
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	531	85	0	0	9	0	0	58	87
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman * ...	000	0	2	23	02	//	01	0	486	80	2	1	7	0	0	30	82
	Hindubagh * ...	000	0	6	23	09	97	03	0	///	55	6	1	5	0	0	39	57
	Loralai * ...	000	0	0	18	03	97	00	0	485	80	0	0	9	0	0	51	85
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	02	96	02	0	485	86	0	0	9	0	0	65	88
	Samungli (Quetta) * ...	000	0	3	31	02	97	03	0	499	78	3	2	6	0	1	27	80
	Chaman * ...	000	0	0	31	05	97	02	0	509	83	0	0	9	0	0	33	83
	Nushki * ...	000	0	0	00	00	97	02	0	544	89	0	0	9	0	0	//	//
	Dalbandin * ...	000	0	4	05	05	96	03	1	513	92	4	0	9	3	0	19	94
Kalat	Kalat * ...	000	0	0	36	02	98	00	3	487	71	0	0	9	0	0	27	76
	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	6	18	10	95	00	0	132	85	4	4	5	2	0	75	73
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comilla	000	0	5	18	05	97	03	1	144	84	5	0	9	8	0	72	73
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet																	
Srimangal	000	0	6	00	00	97	02	1	116	84	6	5	5	0	0	75	74
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narayanganj	000	0	0	00	00	97	02	2	113	87	7	6	4	0	0	77	77
Dacca (Tejgaon)	000	0	7	18	01	96	03	2	111	84	7	0	9	4	0	73	77
Faridpur	000	0	8	20	07	97	02	2	107	82	6	4	5	1	0	76	77
Barisal	000	0	6	18	07	96	02	3	115	82	4	6	4	3	0	78	75
Khulna	000	0	3	00	00	97	00	0	122	82	2	4	9	0	0	77	77
Satkhira	000	0	5	23	01	96	00	1	138	82	3	0	6	0	0	73	82
Jessore	000	0	7	19	03	96	02	2	108	86	2	5	4	7	0	73	77
Pabna	000	0	7	13	05	98	03	1	106	82	7	0	9	5	0	73	70
Sirajganj	000	0	8	09	02	97	02	2	103	81	1	0	8	1	0	73	99
Rajshahi	000	0	0	00	00	96	02	2	101	84	0	0	9	2	1	65	79
Bogra	000	0	6	07	00	96	02	1	///	84	3	5	5	7	8	72	76
Dinajpur	000	0	4	07	02	96	01	1	099	87	4	0	9	2	8	52	79
Rangpur	000	0	7	05	07	96	07	6	138	81	7	0	9	2	0	72	65
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	109	95	0	0	9	0	0	56	65
Sialkot	000	0	0	00	00	97	00	0	105	87	0	0	9	0	0	45	//
Jhelum	000	0	0	00	00	98	00	0	114	73	0	0	9	0	0	60	//
Islamabad																	
Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Campbellpur																	
Khushab	000	0	0	00	00	98	00	0	116	65	0	0	9	8	0	64	62
Sargodha	000	0	0	05	03	96	04	0	107	73	0	0	9	0	0	54	62
Lyallpur	000	0	0	36	02	96	00	0	094	65	0	0	9	0	0	60	62
Sahiwal																	
Multan	000	0	2	13	03	97	03	0	097	79	0	0	9	0	1	54	65
Leiah	000	0	0	36	02	93	00	0	132	73	0	0	9	0	0	64	73
Khanpur	000	0	0	18	05	96	01	0	101	81	0	0	9	0	0	49	63
Bahawalpur	000	0	0	00	00	96	02	0	126	86	0	0	9	0	0	47	64
Fort Abbas	000	0	0	00	00	98	00	0	131	81	0	0	9	0	0	54	65
Chakdra	000	0	0	00	00	98	02	0	118	60	0	0	9	0	0	54	56
Peshawar	000	0	0	00	00	97	02	0	120	68	0	0	9	0	0	54	60
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bannu	000	0	2	05	01	99	01	1	177	73	0	0	9		5	54	62
D. I. Khan	000	0	0	36	02	97	02	0	100	75	0	0	9	0	0	63	70
Sibi	000	0	0	27	03	97	02	0	110	72	0	0	9	0	0	62	69
Nokkundi	000	0	0	00	00	97	02	0	111	77	0	0	9	0	0	44	66
Turbat	000	0	0	09	01	96	00	0	135	75	0	0	9	0	0	59	72
Jiwani	000	0	0	27	03	96	01	0	115	75	0	0	9	0	0	70	72
Pasni	000	0	0	35	04	97	02	0	106	69	0	0	9	0	0	69	61
Ormara																	
Lasbela																	
Karachi (Manora)	000	0	5	27	05	96	03	1	114	78	5	6	4	0	0	73	76
Karachi (Airport)	000	0	4	27	03	96	01	2	113	77	4	6	5	0	0	72	72
Nagarparkar	000	0	0	05	02	97	02	0	072	77	0	0	9	0	0	73	77
Chhor	000	0	0	08	00	96	01	0	104	77	0	0	9	0	0	66	67
Hyderabad	000	0	0	23	03	97	02	0	106	77	0	0	9	0	0	70	73
Badin	000	0	0	23	04	96	02	0	118	75	0	0	9	0	0	70	73
Padidan	000	0	0	13	02	96	03	0	097	77	0	0	9	0	0	55	67
Nawabshah	000	0	0	00	00	96	02	0	102	77	0	0	9	0	0	65	67
Sukkur	000	0	0	13	03	95	05	4	098	77	0	0	9	0	0	59	75
Kashmore	000	0	0	00	00	98	02	0	110	80	0	0		0	0	56	67
Jacobabad	000	0	0	00	00	97	02	0	104	79	0	0	9	0	0	55	71
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree																	
Drosh																	
Cherat	000	0	0	00	00	99	00	0	526	59	0	0	9	0	0	32	54
Kakul	000	0	0	31	03	98	02	0	510	65	0	0	9	0	0	47	58
Landikotal	000	0	0	30	13	98	01	0	516	51	0	0	9	0	0	45	56
Parachinar	000	0	0	36	02	98	02	0	477	64	0	0	9	0	0	41	45
Miranshah	000	0	0	05	05	99	00	0	414	69	0	0	9	0	0	49	49
Wana	000	0	0	00	00	97	00	0	499	61	0	0	9	0	0	49	52
Fort Sandeman	000	0	0	23	02	97	01	0	507	66	0	0	9	0	0	23	57
Hindubagh	000	0	0	00	00	97	02	0	///	45	0	0	9	0	0	45	31
Loralai	000	0	0	27	03	97	00	0	480	55	0	0	9	0	0	39	58
Barkhan																	
Harnai	000	0	0	31	01	96	02	0	487	72	0	0	9	0	0	54	63
Samungli (Quetta)	000	0	0	00	00	96	02	0	525	55	0	0	9	0	0	34	45
Chaman	000	0	0	09	03	97	02	0	523	66	0	0	9	0	0	31	60
Nushki	000	0	0	07	05	97	02	0	561	74	0	0	9	0	0	34	69
Dalbandin	000	0	0	00	00	98	02	0	510	64	0	0	9	0	0	27	58
Kalat	000	0	0	13	02	98	02	0	531	52	0	0	9	0	0	23	31
Khuzdar	000	0	0	00	00	98	02	0	504	65	0	0	9	0	0	41	57
Panjgur																	

Departure from Normal of / Rainfall

Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	—	+ 1	—	—	—	
Cox's Bazar	—					140
Chittagong	+ 4					109
Maijdee Court	+ 2					115
Comilla		—	—	—	—	94
Brahmanbaria	—					78
Sylhet						—
Srimangal	—	+ 3	0.0	— 0.8	2.2	98
Mymensingh	+ 6					91
Narayanganj	— 6	—	3.2	+ 1.4	3.8	74
Dacca (Tejgaon)	—	—	0.5	—	2.9	—
Faridpur	+ 4	+ 4	0.2	+ 0.5	2.6	71
Barisal	+ 1	+ 1	0.7	0.8	5.0	81
Khulna	+ 3	+ 4	—	—	—	68
Satkhira	+ 1	—	—	—	—	85
Jessore	—	—	3.0	+ 2.6	6.8	65
Pabna	—	—	—	—	—	89
Sirajganj	+ 2	+ 9	0.1	+ 0.5	2.1	64
Rajshahi	+ 3	+ 7	0.0	— 0.3	2.0	—
Bogra	+ 6	+ 6	0.3	+ 0.1	1.5	69
Dinajpur	—	—	—	—	—	73
Rangpur	+ 8	—	0.0	— 0.4	1.2	84
Jammu						—
Lahore (Jail Rd.)	+ 2	+ 4	0.0	— 0.2	2.0	19
Sialkot		—	—	—	—	33
Jhelum	—	—	0.0	—	5.4	—
Islamabad						—
Rawalpindi	+ 8					36
Campbellpur						—
Khushab	+ 8	— 3	—	—	—	15
Sargodha	—	—	0.0	—	1.7	—
Lyallpur	+ 5	+ 1	—	—	—	11
Sahiwal						18
Multan	+ 5	0	0.0	— 0.1	0.8	7
Leiah	—	—	—	—	—	8
Khanpur	+ 1	0	0.0	+ 0.1	1.7	6
Bahawalpur	+ 5	+ 1	0.0	0.0	0.4	6
Fort Abbas	—	—	—	—	—	8
Chakdra		—	—	—	—	—
Peshawar	+ 8	+ 2	0.0	— 0.6	3.3	11
Haripur	—					—
Bannu	—	—	—	—	—	11
D. I. Khan	—	—	0.0	+ 0.2	7.7	9
Sibi	—	—	0.0	—	0.9	5
Nokkundi	—	—	0.0	—	2.5	2
Turbat	—	—	0.0	—	0.7	—
Jiwani	—	—	0.0	—	0.3	8
Pasni	0	— 6	0.0	— 0.2	2.5	6
Ormara						8
Lasbela						8
Karachi (Manora)	— 1	+ 4	0.0	0.0	1.1	8
Karachi (Airport)	—	—	0.0	—	3.0	—
Nagarparkar	—	—	—	—	—	—
Chhor		—	0.0	—	2.5	7
Hyderabad	— 5	+ 3	0.0	—	1.1	9
Badin	— 1	+ 4	0.0	0.0	0.1	—
Padidan	—	—	0.0	—	0.9	—
Nawabshah	—	—	—	—	0.3	4
Sukkur	—	—	0.0	—	0.9	—
Kashmore	—	—	—	—	—	4
Jacobabad	0	+ 2	0.0	— 0.1	2.1	10
Veraval						86
Srinagar						—
Gulmarg						71
Sonamarg						28
Dras						3
Leh						6
Skardu						—
Misgar						—
Aliabad						8
Gilgit						89
Murree						18
Drosh						89
Cherat	+ 13	+ 7	—	—	—	—
Kakul	+ 8	+ 5	—	—	—	—
Landikotal	—	—	0.0	—	14.2	89
Parachinar	—	—	0.0	—	3.6	18
Miranshah	—	—	0.0	— 0.6	0.1	11
Wana	—	—	—		—	13
Fort Sandeman	+ 6	+ 6	0.0	— 0.8	2.8	—
Hindubagh	—	—	0.0	—	1.8	9
Loralai	—	—	0.0	—	2.1	—
Barkhan						14
Harnai	—	—	0.0	— 0.4	3.8	9
Samungli (Quetta)	—	—	—		—	9
Chaman	+	+ 5	0.0	— 0.1	7.7	—
Nushki	— 7	—	0.0	—	3.5	4
Dalbandin	+ 8	+ 8	0.0	—	3.3	7
Kalat	+ 6	+ 1	0.0	— 0.2	3.0	—
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

WEDNESDAY THE 8th APRIL, 1970.

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
ARABAIN SEA														
Welsh City	99 2 32	10 6 77	07 0 03	12 7 18	99 0 20	12 3 25	11 5 //	7/ / //	73 7 10		05 1 22	12 5 30	30 2 02	...
Kgauqara	99 2 51	10 5 99	07 1 83	02 5 96	98 0 20	12 0 25	00 9 00	63 2 04	...		05 0 24	12 5 75	30 1 01	23 5 02

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	MISDA	...	—	—	...	—	...	...	...	...	—	...	—
Dacca														
Gilgit														
Jiwani														
Karachi	00 00	009 230 22	...	450 134 29	082 040 18	575 101 //	744 165 //	956 274 //	240 381 //	...	...	—	...	—
Multan	00 00	...	...	410 160 59	094 068 50	576 119 //	744 235 //	946 375 //	946 375 //	215 855 //	399 545 //	...	...	...
Peshawar	00 00	...	...	...	116 035 //	578 107 //	747 175 //	959 257 //	...	...	...	...	...	...
Quetta	00 00	822 128 59	—						...	...	—	—	...	—
Sargodha	00 00	995 204 40	...	520 114 56	129 010 59	574 171 //	739 241 //	946 315 //	...	...	—	—	...	—

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 08	...	MISDA	...	—	...	...	—	...	—	—	—	...
Dacca													
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	—	...	—	...	...	...	...	...
Multan	00 00	—	...	—	—	...	...	—	...	...	—	...	—
Peshawar	00 00	...	...	...	...	...	...	—	...	—	—	...	...
Quetta	00 00	...	800 122 //	600 027 //	350 213 //	...	...	—	...	—	—	...	...
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	215 13	235 15	240 15	225 16	220 21			...	—
Bogra	250 12	250 14	250 15	240 16	240 17	240 20	250 25	...	...
Chaklala	—	320 11	335 06	355 07	340 05	240 05	260 07	355 02	250 11
Chhor	260 02	320 02	215 05	060 02	050 03	345 08	300 11	310 14	285 13
Chittagong	230 15	263 13	230 09	225 05	165 04	030 05	290 09	265 23	270 25
Cherat	...	...	...		...	...	...	...	...
Cox's Bazar	255 16	265 13	275 13	281 30	080 09	035 10	/// //	150 10	085 61
Dacca	205 17	205 27	220 26	220 28	255 31	270 23	...		.
Dalbandin	...	...	335 07	320 14	310 08	335 12	020 09	229 15	355 14
D. I. Khan	055 04	020 03	025 01	045 02	270 04	255 05	270 13	265 13	305 15
Drosh	—	...	...	235 07	210 05	185 04	245 13	265 20	270 24
Fort Sandeman	...	...	—	015 03	330 06	335 02	220 11	280 17	275 20
Gilgit	..	—	...	..	205 11	205 07	300 08	...	...
Ishurdi	260 16	268 17	255 13	250 19	245 10	-	.	..	...
Jacobabad	275 02	220 02	205 02	050 05	030 09	010 11	345 15	350 14	360 18
Jessore	210 05	250 03	...	...	.	.	...	...	.
Jhelum	145 01	155 02	180 01	195 04	240 05	270 03	255 18	260 18	265 16
Jiwani	015 17	285 16	175 13	315 08	355 05	030 07	015 09	055 15	055 17
Karachi	260 10	265 08	300 05	005 08	020 12	350 15	340 15	310 12	335 14
Khanpur	250 05	224 06	245 07	205 06	180 05	170 07	030 07	050 12	055 05
Khuzdar	...	...			...	—	-	...	...
Lahore	265 10	250 17	245 22	240 20	235 18	...	-		.
Multan	210 05	221 05	231 05	235 02	245 01	250 05	260 20	265 35	270 20
Nawab Shah	240 08	235 08	235 08	235 10	235 09	250 10	200 07	275 05	...
Nokkundi	..	...	320 04	005 09	010 18	061 8	335 15	325 10	..
Panjgur	...	..	..		...	...	...	...	...
Peshawar	..	085 03	045 03	210 06	265 13	270 15	310 09	335 18	330 18
Parachinar	...	...	—	103 03	005 05	..	...		
Quetta	—		-	...	335 10	235 06	285 09	015 10	
Sargodha	230 02	215 01	330 04	305 07	290 08	260 06	255 10	305 10	305 10
Skardu		...	...				...	...	-
Sylhet	260 08	250 17	225 19	250 20	220 41	330 51	...	..	..
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	225 12	260 13	270 10	...	...	...
Bogra	270 15	295 17	275 15	285 17	300 21	..
Chaklala	...	125 02	150 20	220 20	275 15	280 20
Chhor	275 20	275 20	255 11	215 08	350 05	..
Chittagong	...	—	...	.	..	..
Cherat	...	...		..	.	...
Cox's Bazar	117 50	189 50	225 09	350 08	260 02	250 02
Dacca	210 12	270 17	295 13	290 11	275 10	260 10
Dalbandin		...	025 02	030 08	360 11	325 22
D. I. Khan	065 17	080 08	090 04	185 03	220 06	240 02
Drosh	...	...	...	060 02	035 05	075 07
Fort Sandeman	...	—	...	230 02	250 05	330 08
Gilgit	...			...	020 05	035 07
Ishurdi	285 15	285 13	295 14	295 12	295 12	...
Jacobabad	140 12	165 10	175 10	215 09	235 08	285 08
Jessore	224 13	255 17	275 19	305 09	300 08	315 09
Jhelum	335 03	225 02	215 02	210 08	325 06	320 17
Jiwani	265 15	290 17	290 24	295 19	280 15	340 03
Karachi						...
Khanpur	300 13	275 21	275 21	275 21	275 23	330 02
Khuzdar	...	...	...	060 04	040 05	335 01
Lahore	130 08	175 15	200 14	200 04	280 04	295 11
Multan	205 07	205 09	215 07	235 06	260 03	315 03
Nawab Shah	240 02	240 08	240 06	310 05	335 06	005 06
Nokkundi	..	—	325 07	360 07	330 10	360 14
Panjgur	...	...	...	...	...	..
Peshawar	...	040 07	030 08	325 06	296 10	325 10
Parachinar	..	...	...	130 01	060 03	..
Quetta	...	...	-	...	...	...
Sargodha	...	...	...	...	.	220 15
Skardu	...	...	...		...	
Sylhet	..	...	...	...	..	-
Veraval	.	...	...	...	.	-

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	200 17	210 17	250 16	280 15	280 10	285 10		-	...		...
Bogra	275 03	270 10	270 13	100 03	275 18	105 04	135 04	...	-	...	-
Chaklala	...	235 03	290 02	340 02	305 02	325 04	335 07	345 08	345 11	305 19	260 47
Chhor	340 02	255 04	300 05	010 06	040 09	010 22	020 21	345 17	355 19	245 15	311 22
Chittagong	195 12	200 13	200 13	220 18	235 15	245 17	260 15	255 11	275 29	...	...
Cherat	...	...	...	...	...	...	-	...	...	...	...
Cox's Bazar	195 12	185 08	185 09	190 06	210 05	250 07	175 04	305 14	160 02	...	...
Dacca	220 10	220 09	295 12	240 15	270 13	285 10	-	-	-		-
Dalbandin	-		155 07	005 08	360 10	020 09	355 12	345 06	340 04	335 10	.
D. I. Khan	065 07	050 10	035 09	005 03	200 06	275 06	250 06	005 10	005 15	351 08	.
Drosh		..	...			...		...	...	...	...
Fort Sandeman	...	...	...	325 06	315 02	315 06	305 05	...	...		...
Gilgit						..	..	—	...	...	...
Ishurdi	245 12	280 09	265 09	270 08	275 11	...		...	...	...	
Jacobabad	155 06	125 07	175 07	160 08	215 04	025 09	005 07	345 25	345 24	340 27	340 07
Jessore	215 12	305 08	290 05	275 07	265 08	260 15	...	...		.	..
Jhelum	355 01	320 07	270 07	240 04	310 10	305 10	325 10	335 12	335 27	310 32	340 49
Jiwani	265 19	285 19	285 17	310 16	320 12	355 09	080 13	290 03	265 06	...	—
Karachi	090 08	315 08	320 12	360 12	360 12	005 18	335 13	005 10	010 09	...	...
Khanpur	..			.	...	—	-	...	-	..	...
Khuzdar	...	...		...	...	...					...
Lahore	350 06	345 05	340 08	330 06	250 06	260 15	260 21	360 15	260 15	280 17	295 33
Multan	350 06	345 08	340 08	330 06	250 06	260 15	260 21	263 17	260 15	280 17	295 33
Nawab Shah	120 07	110 06	105 05	035 03	010 10	020 04	020 06	355 20	360 17	—	—
Nokkundi	...	...	205 05	215 03	250 10	280 05	290 05	310 51	360 08	...	—
Panjgur	..	...	.	...	...	—	-	.	.	-	—
Peshawar	...	050 04	055 04	315 03	300 10	300 08	280 13	280 13	285 12	270 13	...
Parachinar	...	—		330 19	105 04	325 31	345 07	320 29	330 30	...	.
Quetta		...	...	...	055 03	340 05	325 15	315 11	305 15	315 13	
Sargodha	065 06	025 04	005 07	320 08	290 10	300 10	315 12	350 23	005 25	340 26	330 27
Skardu				...	—	—	...	...	—	...	—
Sylhet	190 03	205 03	135 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	300 13	275 21	275 21	275 21	275 23	330 21	355 19	285 17	280 15	280 14	...	...	...	...	—	...	...	—
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

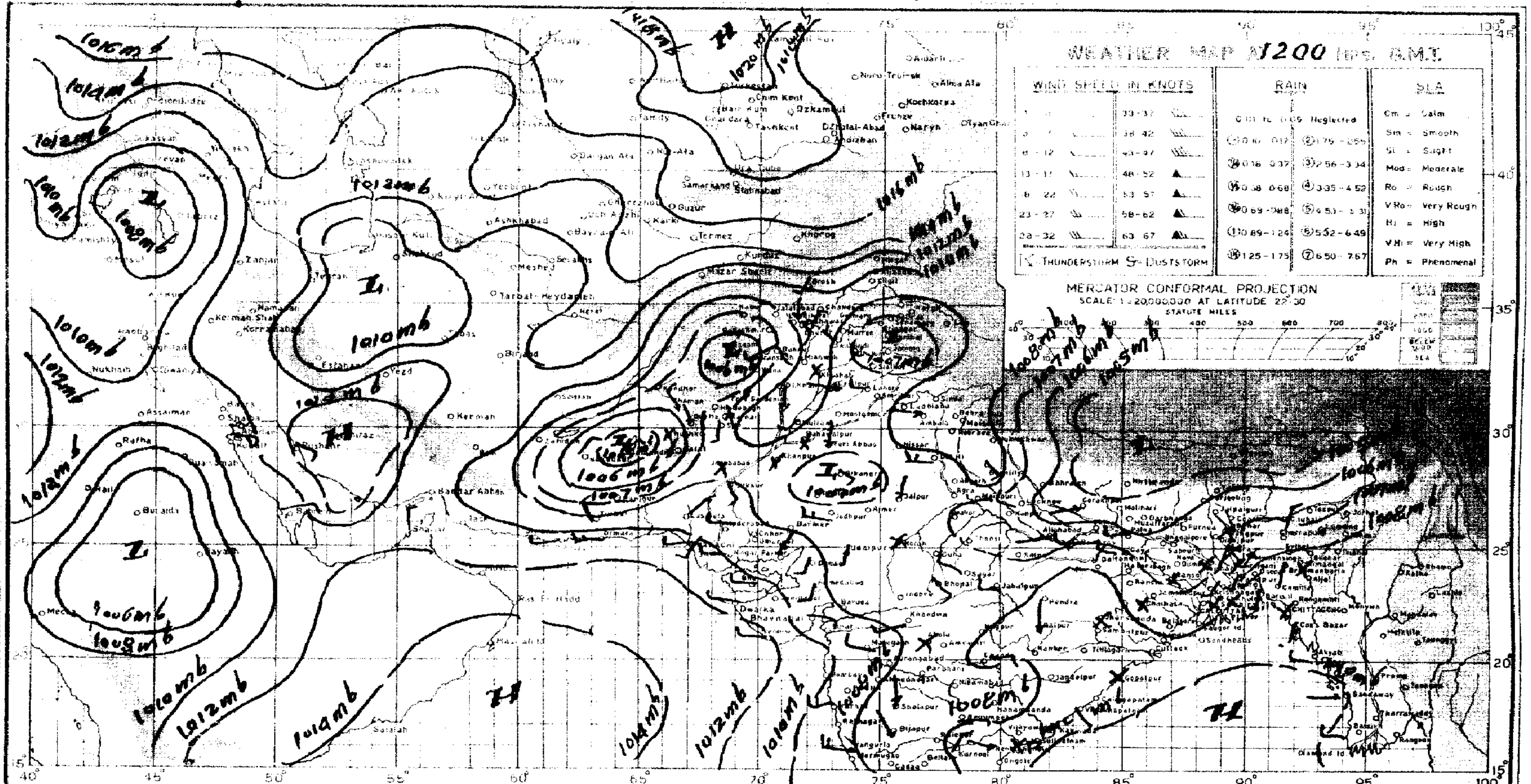
† The actual time of observations may vary within half an hour of the specified time.

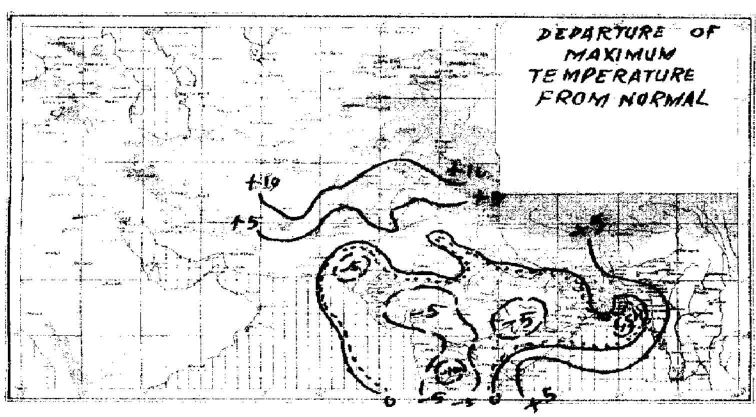
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

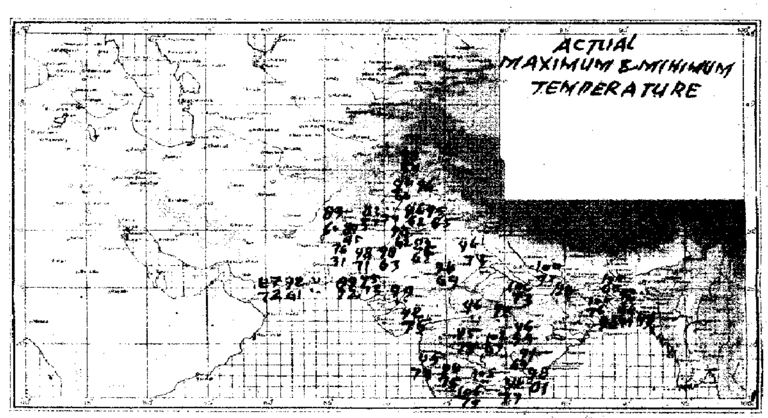
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre I Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th APRIL, 1970.

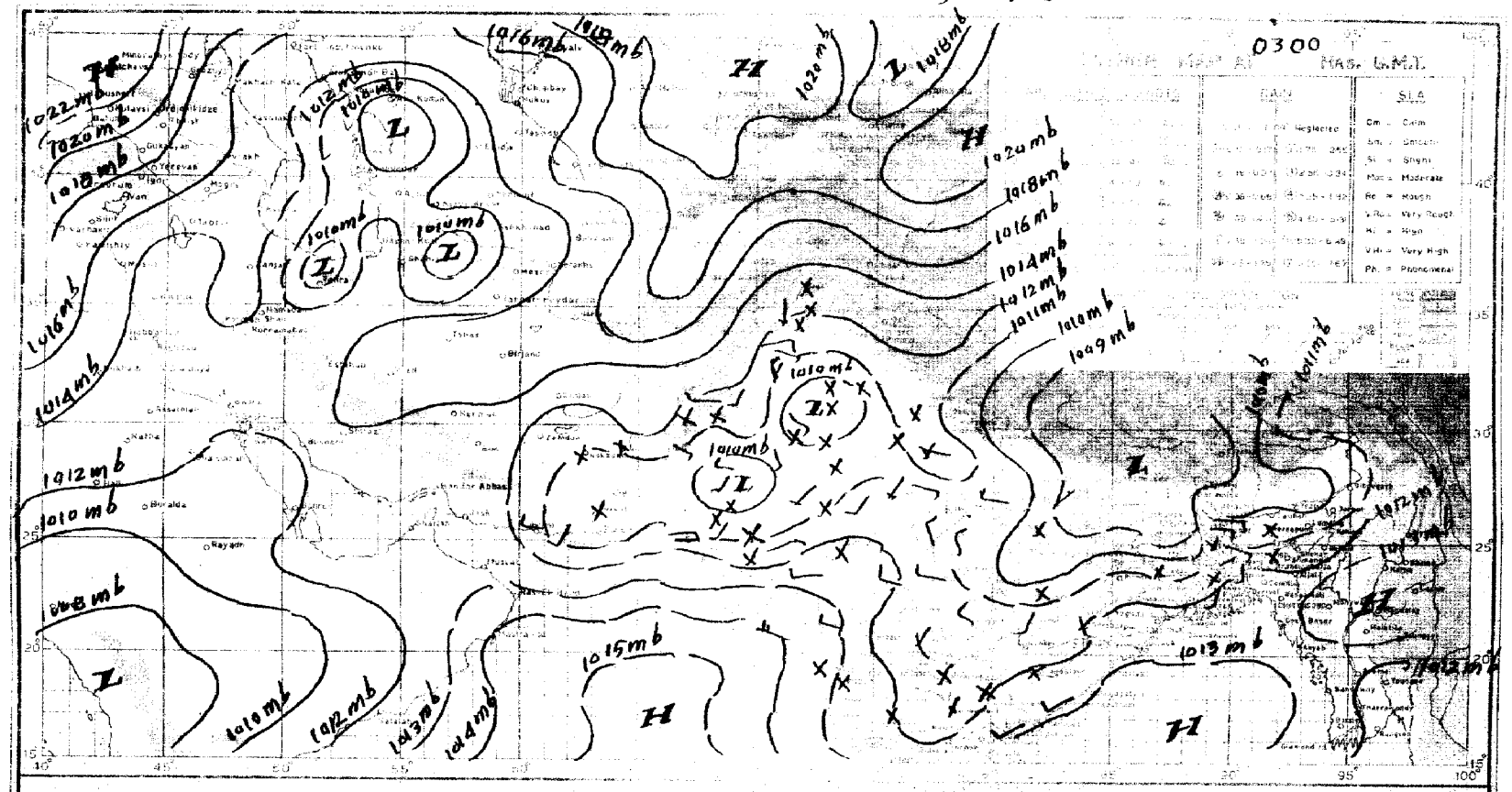


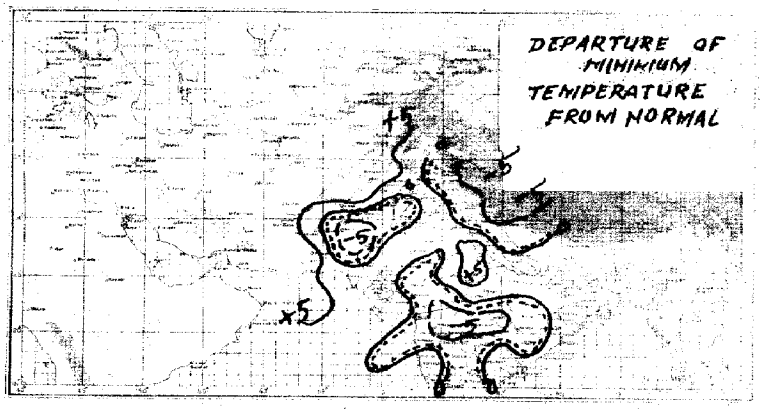


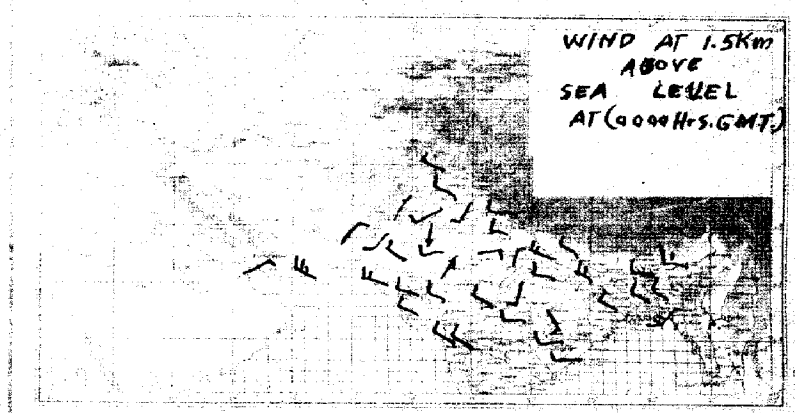


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th APRIL, 1970







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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th APRIL, 1970.

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

Yesterday's western disturbance over northern divisions of West Pakistan now lies over Kashmir. Another western disturbance lies over D. I. Khan division and adjoining areas. Its secondary lies over Quetta and Kalat divisions. Weather remained dry in West Pakistan.

The trough of low pressure over Bihar and adjoining West Bengal persists. A few falls of thunderstorms/showers have occured in Sylhet.

Day temperature these were 4—7 °F (2—4 °C) below normal in Chittagong, Dacca and Khulna divisions and 8—12 °F (4—7 °C) above normal in Rajshahi, Sargodha, Malakand, Peshawar, D. I. Khan and Quetta divisions and 3—7 °F (2—3 °C) so in Rawalpindi, Multan, Bahawalpur, Kalat, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 10th April, 1970 :— Scattered thunderstorm/showers are likely to occur in northern districts of East Pakistan and in Quetta, Kalat, Peshawar, Rawalpindi, D. I. Khan, Lahore and Sargodha divisions and Kashmir. A few dust/thunderstorms are also likely to occur in Khairpur, Bahawalpur, and Multan divisions. Dry weather is likely to prevail elsewhere in East Pakistan.

Earth Quake Reports Seismograph of geophysical centre Quetta has recorded an earthquake of severe intensity on 8th April at 18 hours 58 minutes (W.P.S.T.) The epicentre lies about 2500 miles northwest of Quetta near Greese.

Karachi-11
The 9th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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 † b (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	30	05	95	04	0	058	83	1	1	7	0	0	86	58
	Cox's Bazar	000	0	0	23	10	56	00	0	050	82	0	0	9	0	0	73	87
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	000	0	8	18	02	96	03	2	068	75	2	5	5	2	1	79	87
	Comilla	000	0	4	10	05	56	02	0	082	87	4	7	0	0	0	82	88
	Brahmanbaria	000	0	4	18	02	97	01	0	062	82	4	0	9	2	0	73	88
	Sylhet	000	0	0	00	00	//	01	9	089	75	2	5	5	5	0	69	//
	Srimangal	000	0	0	00	00	96	00	0	070	87	0	0	9	0	0	72	100
Dacca	Mymensingh	000	0	3	13	02	97	01	1	067	91	3	0	7	1	0	66	94
	Narayanganj	000	0	5	13	02	93	02	5	065	84	3	6	6	3	1	72	84
	Dacca (Tejgaon)	000	0	1	18	05	97	01	0	059	84	1	0	9	3	0	72	87
	Faridpur	000	0	2	20	02	97	01	1	054	87	2	5	6	0	0	72	90
Khulna	Barisal	000	0	7	18	05	97	02	2	069	84	5	4	4	2	0	77	88
	Khulna	000	0	4	00	00	97	02	0	057	84	2	2	9	0	0	75	86
	Satkhira	000	0	0	00	00	97	00	0	068	84	0	0	9	0	0	84	96
	Jessore	000	0	0	18	10	97	01	2	064	84	0	0	9	0	0	73	90
Rajshahi	Pabna	000	0	1	00	00	96	02	0	043	95	0	0	9	1	0	60	100
	Sirajganj	000	0	0	18	09	96	00	0	049	92	0	0	9	0	0	66	95
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	2	00	00	96	01	0	040	96	2	0	9	3	0	49	103
	Dinajpur																	...
	Rangpur	000	0	0	27	02	96	01	0	076	87	0	0	9	0	0	75	100
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	94	02	0	059	94	0	0	9	0	0	45	95
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	1	13	02	98	02	0	059	91	1	1	7	0	1	60	94
	Islamabad																	
	Rawalpindi	000	0	5	27	02	99	02	1	059	90	0	0	9	0	4	38	90
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	058	91	0	0	9	0	0	75	98
	Sargodha	000	0	3	23	03	97	03	0	060	95	0	0	9	0	1	46	96
	Lyallpur	000	0	0	36	02	96	00	0	058	91	0	0	9	0	0	66	94
Multan	Sahiwal																	
	Multan	000	0	0	18	03	97	01	0	057	98	0	0	9	0	0	56	100
	Leiah	000	0	0	36	02	95	00	0	100	94	0	0	9	0	0	59	94
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	062	95	0	0	9	0	0	45	100
	Bahawalpur	000	0	0	00	00	96	00	0	062	100	0	0	9	0	0	64	102
	Fort Abbas	000	0	0	00	00	98	00	0	069	98	0	0	9	0	0	62	100
Malakand	Chakdra	000	0	1	23	03	98	03	0	056	86	1	1	9	0	0	58	87
Peshawar	Peshawar	000	0	2	23	02	97	01	1	060	87	1	1	6	0	1	54	90
	Haripur																	
D. I. Khan	Bannu	000	0	1	13	01	99	01	1	049	91	0	0	9	0	5	45	94
	D. I. Khan	000	0	0	00	00	97	02	0	053	95	0	0	9	0	0	52	98
Quetta	Sibi	000	0	0	27	03	97	02	0	059	103	0	0	9	0	0	68	100
	Nokkundi	000	0	0	13	05	97	02	0	043	97	0	0	9	0	0	70	99
Kalat	Turbat	000	0	0	05	04	96	00	0	114	94	0	0	9	0	0	51	94
	Jiwani	000	0	0	25	13	96	02	0	093	89	0	0	9	0	0	56	91
	Pasni	000	0	0	25	30	96	00	7	107	89	0	0	9	0	0	77	91
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	0	27	09	97	02	0	085	81	0	0	9	0	0	75	83
	Karachi (Airport)	000	0	1	23	09	96	03	0	082	87	1	5	2	0	0	69	89
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	189	95	0	0	9	0	0	95	98
	Chhor	000	0	0	00	00	96	02	0	062	101	0	0	9	0	0	47	101
	Hyderabad	000	0	3	23	05	97	03	0	069	98	1	2	6	3	1	68	101
	Badin	000	0	0	23	07	97	02	0	078	100	0	0	9	0	0	65	102
Khairpur	Padidan	000	0	0	23	03	97	02	0	062	101	0	0	9	0	0	38	103
	Nawabshah	000	0	2	18	03	96	03	0	067	102	0	0	9	0	1	55	103
	Sukkur	000	0	0	23	02	96	02	0	066	100	0	0	9	0	0	59	105
	Kashmore	000	0	0	18	02	98	02	0	068	101	0	0	9	0	0	65	103
	Jacobabad	000	0	0	23	02	97	02	0	061	100	0	0	9	0	0	45	102
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	2	23	09	98	03	0	477	80	2	3	7	0	0	30	84
Peshawar	Cherat *	000	0	0	13	03	98	02	0	494	79	0	0	9	0	0	49	82
	Kakul *	000	0	1	31	05	98	01	0	489	77	1	1	6	0	1	45	79
	Landikotal *	000	0	0	36	02	98	02	0	493	84	0	0	9	0	0	77	86
	Parachinar *	000	0	1	16	07	98	02	0	493	73	1	0	7	0	1	32	75
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	496	87	0	0	9	0	0	58	88
	Wana *	000	0	0	13	06	98	00	0	442	62	0	0	9	0	0	56	84
Quetta	Fort Sandeman *	000	0	1	25	07	98	02	0	476	83	1	1	8	0	0	23	85
	Hindubagh *	000	0	0	00	00	97	02	0	///	67	0	0	9	0	0	33	68
	Loralai *	000	0	0	18	03	97	00	0	480	80	0	0	9	0	0	48	85
	Barkhan *																	
	Harnai *	000	0	0	23	02	96	02	0	481	89	0	0	9	0	0	69	91
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	492	80	0	0	9	0	0	34	82
	Chaman *	000	0	0	27	03	97	02	0	478	85	0	0	9	0	0	51	85
	Nushki *	000	0	0	00	00	97	02	0	547	90	0	0	9	0	0	49	90
	Dalbandin *	000	0	0	00	00	98	02	0	505	93	0	0	9	0	0	17	95
Kalat	Kalat *	000	0	0	36	02	98	00	2	488	73	0	0	9	0	0	23	74
	Khuzdar *	000	0	0	00	00	97	02	0	486	86	0	0	9	0	0	16	89
	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 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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	6	19	05	95	04	1	124	87	5	3	5	7	/	73	75	—	—	0.0	—	4.7	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					140
	Chittagong	0 0	0	4	18	10	96	01	2	112	84	4	4	4	0	0	75	75		+ 2	0.4	— 0.6	0.8	109
	Maijdee Court	000	0	4	8	05	97	03	0	101	85	3	2	5	2	0	77	77	— 1	+ 2	2.2	+ 1.2	5.9	115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					94
	Brahmanbaria	000	0	6	18	05	97	03	1	089	84	6	0	9	7	0	73	77	—	—	1.2	+ 0.2	4.5	78
	Sylhet	000	0	6	09	02	96	91	7	100	75	6	3	4	0	0	65	71	—	—	1.2	—	8.5	—
	Srimangal	000	0	4	09	05	96	02	0	090	84	2	5	5	7	6	73	73	—	—	0.0	— 2.6	5.2	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					91
	Narayanganj	000	0	7	13	02	97	02	2	086	84	5	6	4	3	1	75	77	+ 1	+ 3	2.2	+ 1.1	6.1	74
	Dacca (Tejgaon)	000	0	6	18	05	96	02	2	083	82	1	5	4	5	0	75	77	—		0.5	—	2.9	—
	Faridpur	000	0	7	16	09	97	02	2	086	82	5	4	5	1	0	75	75	—	+ 2	0.2	— 0.7	2.6	71
Khulna	Barisal	000	0	4	18	03	96	02	0	095	82	4	4	5	0	0	75	75	— 4	+ 1	0.7	— 0.1	2.0	81
	Khulna	000	0	0	00	00	97	00	0	091	86	0	0	9	0	0	79	79	— 7	+ 6	2.0	+ 1.7	5.9	68
	Satkhira	000	0	6	18	02	96	00	0	138	73	8	0	9	0	1	73	//	+ 1	//	0.9	+ 0.6	4.6	65
	Jessore	000	0	4	21	12	97	03	0	083	82	1	5	5	3	0	75	73	—	—	3.0	+ 2.6	6.8	65
Rajshahi	Pabna	000	0	7	18	05	98	03	1	077	84	7	0	9	4	0	75	76	+ 3	—	0.8	—	3.9	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					64
	Rajshahi	000	0	5	27	02	96	02	2	071	82	0	0	9	3	1	70	78		+ 6	0.0	— 0.3	2.0	—
	Bogra	000	0	6	13	02	96	03	1	075	80	2	5	5	3	0	75	76	+ 7	+ 8	0.0	— 0.5	1.5	69
	Dinajpur																							72
	Rangpur	000	0	0	05	02	96	01	0	140	80	0	0	9	0	0	71	62	+ 8	— 6	0.0	— 0.4	1.3	84
Kashmir	Jammu																							..
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	070	79	0	0	9	0	0	56	66	+ 2	+ 5	0.0	— 0.2	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	050	90	0	0	9	0	0	45	//		//	0.0	— 0.3	1.8	32
Rawalpindi	Jhelum	000	0	0	36	02	97	02	0	073	69	0	0	9	0	0	59	62	—	—	0.0	—	5.4	—
	Islamabad	000	0	1	00	00	96	01	0	///	75	1	1	8	0	0	46	64		—	0.0	—	6.9	—
	Rawalpindi	0 0	0	0	00	00	98	00	0	072	69	0	0	9	0	0	56	62	+ 7	+ 5	0.0	— 0.6	8.5	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	067	75	0	0	9	0	0	66	64	+ 8	— 1	0.0	— 0.3	1.8	15
	Sargodha	000	0	0	00	00	95	04	0	065	76	0	0	9	0	0	58	62	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	16	02	96	00	0	067	75	0	0	9	0	0	64	64	+ 3	+ 3	0.0	— 0.2	1.2	13
Multan	Sahiwal																							10
	Multan	000	0	0	23	03	97	02	0	056	75	0	0	9	0	0	54	64	+ 7	— 1	0.0	— 0.1	0.8	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					6
	Bahawalpur	000	0	0	00	00	96	00	0	072	84	0	0	9	0	0	46	69	+ 7	+ 6	0.0	— 0.1	0.4	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Malakand	Chakdra	000	0	6	05	09	98	03	0	074	64	0	0	9	0	0	54	56	—	—	0.0	—	6.4	—
Peshawar	Peshawar	000	0	1	27	02	97	03	0	074	69	0	0	9	0	1	52	64	+ 8	+ 6	0.0	— 0.6	3.3	11
	Haripur																							—
D. I. Khan	Bannu	000	0	0	25	22	99	00	0	066	73	0	0	9	0	0	56	68	—	—	0.0	—	1.6	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					9
Quetta	Sibi	000	0	0	18	03	97	02	0	088	73	0	0	9	0	0	66	70	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	05	10	96	02	0	079	73	0	0	9	0	0	44	69	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	27	02	98	00	0	135	75	0	0	9	0	0	57	74	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	03	96	02	0	091	77	0	0	9	0	0	71	73	—	—	0.0	—	8.3	8
	Pasni	000	0	0	29	06	97	02	0	096	70	0	0	9	0	0	70	62	+ 3	— 5	0.0	— 0.2	2.5	6
Karachi division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	000	0	0	27	05	96	02	0	086	79	0	0	9	0	0	74	77	— 2	+ 5	0.0	0.0	1.1	8
	Karachi (Airport)	000	0	1	00	00	96	03	0	084	74	1	5	6	0	0	69	67	—	—	0.0	—	3.0	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	072	77	0	0	9	0	0	73	77	—	—	0.0	—	0.1	—
	Chhor	000	0	0	28	09	96	02	0	084	75	0	0	9	0	0	68	70	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	20	07	97	02	0	081	75	0	0	9	0	0	71	71	+ 1	+ 1	0.0	0.0	1.1	9
	Badin	000	0	0	23	04	97	02	0	100	74	0	0	9	0	0	69	72	+ 3	+ 3	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	13	03	97	02	0	073	70	0	0	9	0	0	42	65	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	13	03	96	02	0	075	77	0	0	9	0	0	67	69	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	03	95	05	4	065	81	0	0	9	0	0	65	74	—	—	0.0	—	0.9	—
	Kashmore	000	0	0	27	02	98	03	0	095	10	0	0	9	0	0	57	67	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	13	03	97	02	0	065	79	0	0	9	0	0	61	70	+ 4	+ 2	0.0	— 0.1	2.1	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							36
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *									441	58	0	0	9	0	2	32	56						18
Malakand	Drosh *	000	0	1	00	00	98	01	0	478	68	0	0	9	0	0	49	62	+ 17	+ 9	0.2	—	5.0	29
Peshawar	Cherat *	000	0	0	36	03	98	02	0	478	64	0	0	9	0	3	40	68	+ 12	+ 9	0.0	— 0.6	5.5	—
	Kakul *	000	0	1	34	03	99	03	1	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.4	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					19
	Parachinar *	...	...	...	...	...	...	...	...	470	69	0	0	9	0	0	46	64	+ 9					13
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	471	66	0	0	9	0	0	46	52	—	—	0.0	— 0.6	0.1	11
	Wana *	000	0	0	00	00	99	00	0	...	...	...	...	...	...	...	...	...	—	—	0.0	—	4.4	13
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...										—					—
	Hindubagh *	000	0	0	00	00	98	02	0	///	30	0	0	9	0	0	40	31	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	27	02	98	01	0	475	58	9	0	9	0	0	39	//	—	—	0.0	—	2.1	—
	Barkhan *									475	72	0	0	9	0	0	47	53						14
	Harnai *	000	0	0	05	01	96	02	0	507	55	0	0	9	0	0	42	42	—	—	0.0	— 0.4	3.8	9
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	524	66	0	0	9	0	0	30	40	—	—	0.0	— 0.4	2.0	9
	Chaman *	000	0	0	09	03	97	02	0	542	72	0	0	9	0	0	34	71	+ 9	+ 5	0.0	— 0.1	7.7	—
	Nushki *	000	0	0	07	03	97	02	0	486	67	0	0	9	0	0	27	58	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	0	00	00	97	02	0	521	52	0	0	9	0	0	30	32	+ 9		0.0	— 0.1	3.3	7
Kalat	Kalat *	000	0	0	18	02	98	02	1	490	65	0	0	9	0	0	29	//	+ 4	— 10	0.0	— 0.2	3.0	—
	Khuzdar *	000	0	0	23	02	96	02	0										—	—	0.0	—	2.6	5
	Panjgur *																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day
When over 990 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th APRIL, 1970.

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	$8N_sC$h, h_s	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Juwara	99 2 55	10 5 76	08 0 63	69 9 81	98 0 20	12 9 27	00 9 00	...	73 2 11		00 2 21	12 6 55	30 0 /0	
Floristam	99 2 51	10 5 61	08 0 63	00 9 02	98 0 51	13 9 28	00 9 00	24 2 10	...		0/ / 23	...	30 1 0/	
Juwara	99 2 49	10 6 11	08 1 23	02 2 06	98 0 20	11 2 27	00 9 00	63 7 19	...		00 / 33	12 6 50	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	006 244 15	...	520 915 27	127 060 56	379 103 50	747 207 57	954 353 57	224 855 //	402 697 //				
Dacca	00 00	007 266 29	...	420 170 61	108 062 60	577 111 60	745 215 60	952 341 62	224 537 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	004 230 10	...	450 190 48	104 110 //	583 031 //	766 141 //	969 265 //	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	966 180 59	...	400 166 61	064 066 61	574 101 60	741 205 //	949 355 //	219 521 //	...	...	...	...	...
Quetta	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	993 214 35	...	520 204 57	182 084 58	587 095 //	787 171 //	969 261 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong													
Dacca	00 00	900 200 60	800 150 16	600 045 58	350 259 26	...	...	...	...	...	...	...	...
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	180 15	185 12	260 10	260 10	270 12			...	—
Bogra	260 08	265 11	265 11	261 55	270 14	270 13	270 35	...	...
Chaklala	...	300 11	295 14	290 07	310 06	325 14	330 17	340 15	275 27
Chhor	280 06	275 10	270 09	275 03	015 26	005 15	255 26	015 22	020 27
Chittagong	215 12	215 13	230 15	260 10	265 17	250 08	..	...	—
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	325 10	325 10	335 07	005 10	360 06	090 05	...	...	...
Dacca	180 13	210 19	190 19	195 18	/// //	255 13	/// //	300 15	310 21
Dalbandin	...	...	180 03	190 04	190 05	315 12	335 21	335 21	315 13
D. I. Khan	165 06	165 05	170 05	190 04	265 03	270 10	315 17	310 17	320 17
Drosh	...	...	...	280 11	220 14	220 04	320 08	370 17	330 18
Fort Sandeman	...	...	...	085 01	235 03	335 03	250 04	335 14	335 16
Gilgit	...	...	...	...	195 08	180 05	290 09	...	...
Ishurdi	250 10	268 10	275 09	280 05	265 34	280 46	—	...	...
Jacobabad	230 06	245 06	225 08	210 07	280 03	305 10	015 13	...	...
Jessore	180 17	195 15	195 13	215 12	250 08	290 12	270 27	270 32	275 37
Jhelum	085 06	110 06	140 06	270 10	285 15	290 22	320 21	311 59	330 26
Jiwani	250 25	270 23	280 16	300 12	130 01	055 06	045 12	330 10	310 09
Karachi	...	...	...	...	...	...	...	...	...
Khanpur	210 06	220 08	225 09	230 12	230 07	120 03	330 08	005 08	025 06
Khuzdar	...	...	...	...	...	—	...	...	...
Lahore	...	...	...	...	...	...	...	...	...
Multan	200 07	225 09	235 07	245 07	250 09	290 11	330 17	360 12	335 16
Nawab Shah	...	...	...	...	...	...	...	...	...
Nokkundi	205 03	175 02	145 02	025 02	360 07	345 12	010 17	345 13	325 //
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	050 05	110 05	185 09	235 10	280 21	295 24	320 24	320 29
Parachinar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	325 17	305 21	230 12	305 08	330 22
Sargodha	...	...	...	...	...	...	...	...	...
Skardu	215 03	190 03	200 04	280 03	305 08	280 12	325 23	335 17	348 19
Sylhet	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	—	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	250 13	250 22	250 23	260 17	...	...
Bogra	260 13	280 16	290 18	270 17	265 17	...
Chaklala	...	...	...	...	...	...
Chhor	260 17	260 05	270 08	330 08	...	...
Chittagong	170 14	240 12	240 14	/// //	240 16	/// //
Cherat	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...
Dacca	230 09	240 13	230 17	245 15	245 16	—
Dalbandin	—	...	165 03	135 05	008 02	090 13
D. I. Khan	—	...	—	...	...	...
Drosh	...	...	...	090 32	098 01	050 05
Fort Sandeman	...	...	...	...	...	...
Gilgit	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...
Jacobabad	170 10	180 11	180 11	215 05	245 06	275 03
Jessore	240 20	245 27	240 28	260 25	250 21	250 15
Jhelum	360 06	290 09	300 12	305 13	305 21	315 23
Jiwani	255 30	275 24	290 22	285 22	280 12	360 06
Karachi	270 17	270 17	295 24	295 27	295 24	290 23
Khanpur	240 01	245 12	235 13	325 17	245 12	305 10
Khuzdar						
Lahore	360 04	320 04	330 05	320 05	315 06	285 10
Multan	295 17	265 11	225 11	245 13	.	..
Nawab Shah						
Nokkundi	270 08	270 10	260 10	270 10	295 11	315 09
Panjgur						
Peshawar	...	170 03	235 07	320 15	320 15	325 12
Parachinar	...	...	...	...	...	...
Quetta						
Sargodha	080 02	225 04	225 05	280 09	265 10	285 14
Skardu					...	...
Sylhet	180 08	225 02	..	—	...	—
Veraval	...	...	...	—	...	—

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	200 10	295 09	265 06	235 17	...	...	—	—	...		...
Bogra	270 08	280 10	285 12	275 12	240 24	240 24	...	...	...	...	...
Chaklala	...	230 04	315 09	325 11	335 10	330 07	345 06	005 14	335 12	325 13	315 15
Chhor	180 07	180 11	185 10	225 09	280 13	325 07	010 13	320 11	315 13	210 14	280 22
Chittagong	160 14	180 10	195 10	225 14	215 17	225 12	250 27	265 31	265 32	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	200 12	200 17	215 15	275 08	305 09	...	...	...	...	...	...
Dalbandin	...	...	035 01	025 04	345 05	335 05	310 05	330 13	310 10	310 14	285 10
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	070 06	005 14	310 20	360 27	355 75	350 21	350 21	340 28
Fort Sandeman	...	...	...	280 01	320 01	240 06	315 03	290 08	300 15	295 25	315 39
Gilgit	...	...	...	—	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	203 07	230 10	230 09	285 08	325 13	315 06	150 06	255 04	335 11	...	...
Jessore	255 07	280 08	320 18	305 12	305 19	255 21	255 31	...	.	...	...
Jhelum	—			...	...	...	...	...	...	...	...
Jiwani	270 21	280 22	290 19	300 20	305 16	305 08	095 13	120 15	175 12	...	...
Karachi	280 06	305 12	300 12	320 10	315 08	010 06	335 06	270 05	270 04	...	...
Khanpur	..									...	...
Khuzdar	...	...	...	270 03	345 09	335 12	315 09	315 10	315 13	290 14	270 27
Lahore	224 04	225 07	230 08	230 09	245 10	270 12	285 18	255 20	290 21	290 21	305 22
Multan	310 09	305 08	285 08	280 13	300 09	290 11	300 15	310 15	305 10	340 08	340 13
Nawab Shah	200 05	305 05	310 05	250 09	225 07	290 03	325 14	330 15	300 12	—	...
Nokkundi	—	...	..	...	...	...	..		...	—	...
Panjgur	...	...		...	...	...			...	...	...
Peshawar	...	040 03	320 05	305 14	305 16	335 10	355 13	335 11	335 15	330 15	225 19
Parachinar											
Quetta	...	...	—	.	330 04	045 04	340 07	340 09	075 01	360 04	
Sargodha	080 03	100 03	007 02	355 10	320 04	285 08	325 11	315 18	335 16	335 13	315 13
Skardu						—	..	...	...	...	...
Sylhet	092 20	150 07	195 13	220 15	225 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	270 17	270 17	295 24	295 27	295 24	290 23	340 42	015 16	015 18	360 12	330 25	...	...	...	...	...	...	...
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

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

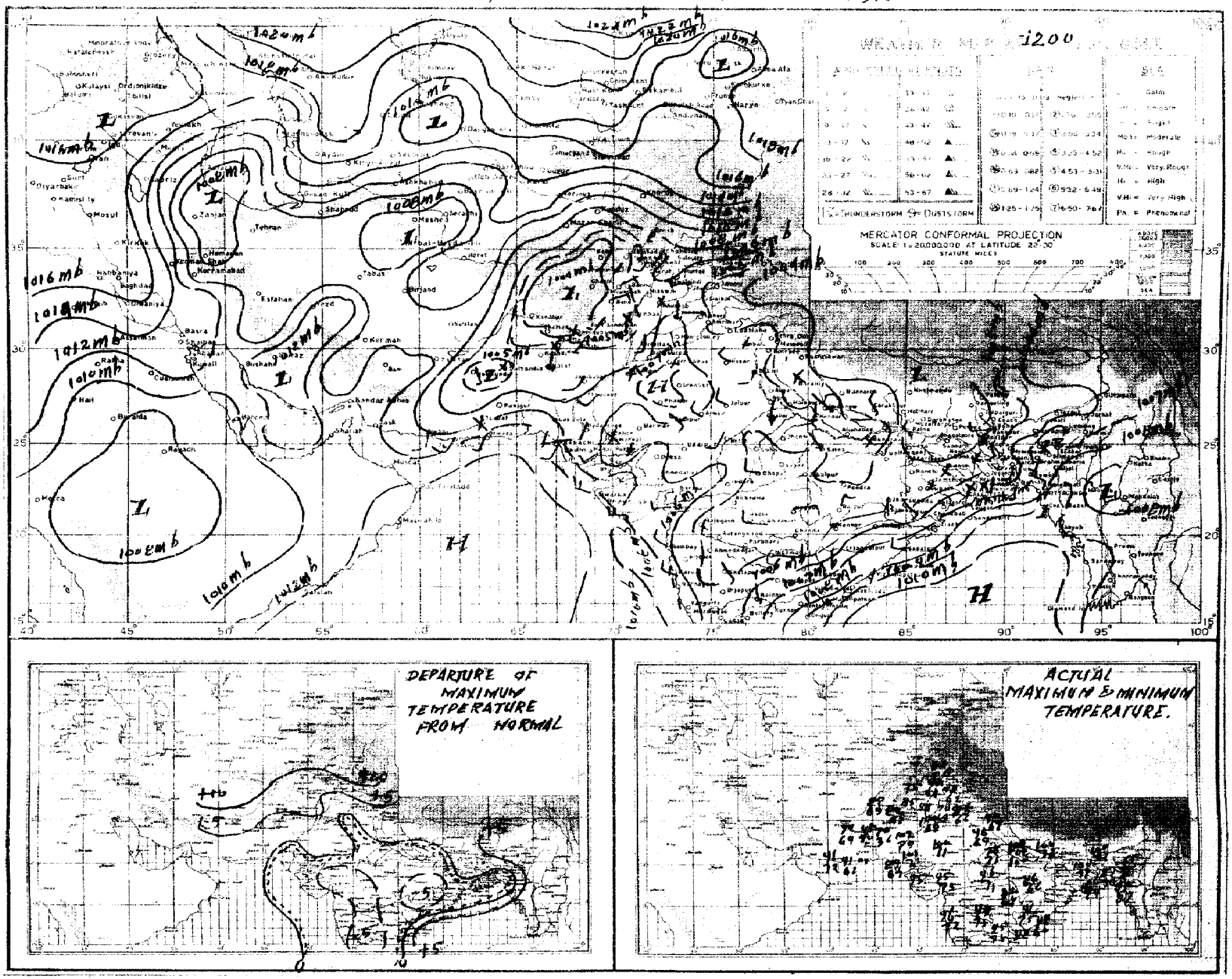
† The actual time of observations may vary within half an hour of the specified time.

* 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

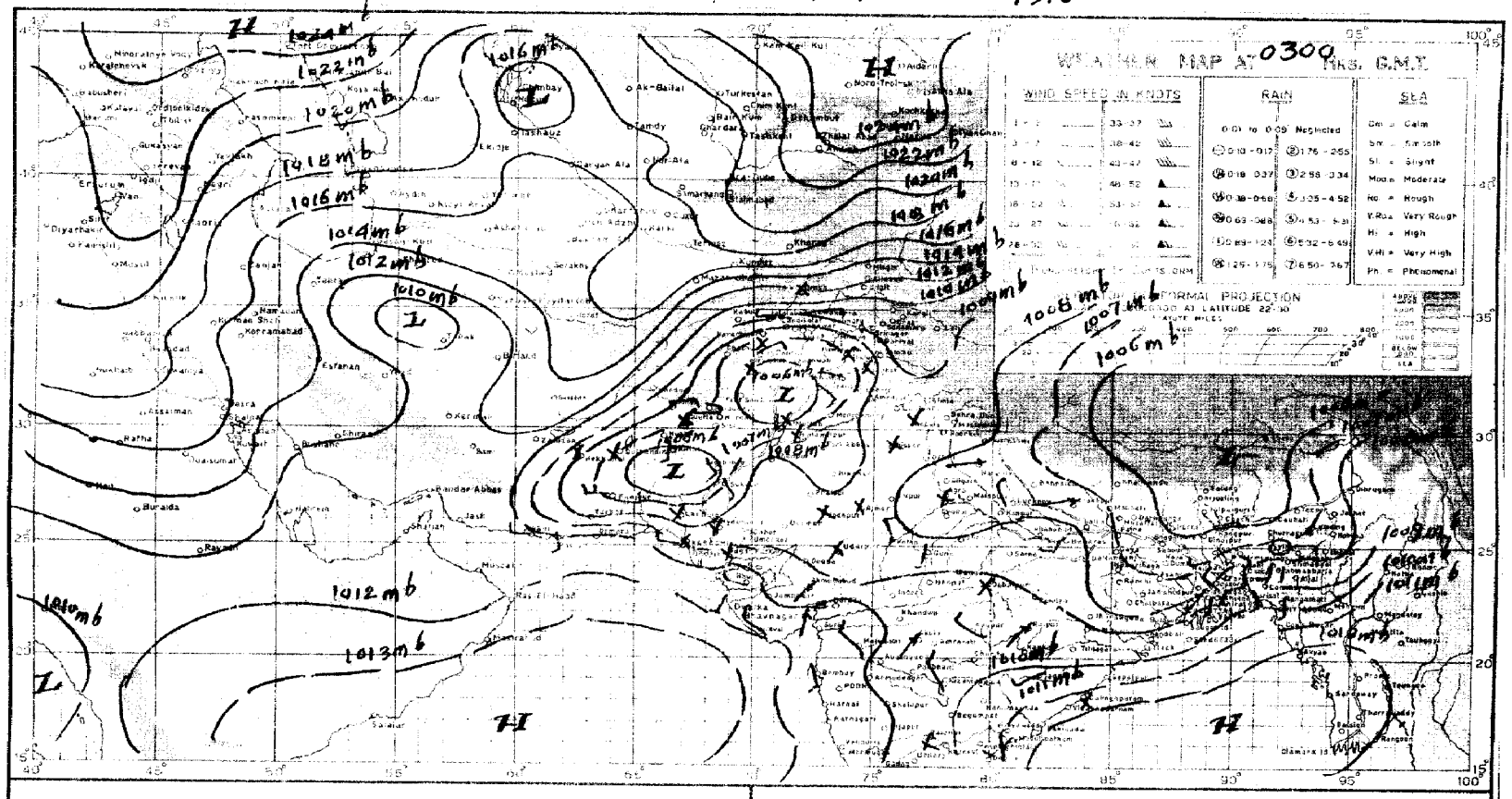
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th APRIL 1970



PAKISTAN DAILY WEATHER MAP

THURSDAY 9th APRIL 1970



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Volume No. 24

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th APRIL, 1970.

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

Yesterday's western disturbance over Kashmir moved away. The western disturbance over D. I. Khan division and adjoining areas now lies over Peshawar division and neighbourhood. Its secondary now lies over Quetta division and adjoining areas. A few falls of light rain have occured in Rawalpindi division.

The trough of low pressure over Bihar and adjoining West Bengal persists. Local rain/thundershowers with a few rather heavy falls have occurred in Chittagong division.

Chief amounts of rainfall recorded are Sylhet 1½", Comilla 1", Rangamati and Srimangal ½" each.

Day temperature these were 9—16 °F (5—9 °C) above normal in Rajshahi, Multan, Bahawalpur, Lahore, Malakand, Peshawar, D. I. Khan, Quetta divisions and 3—8 °F (2—4 °C) so in Chittagong, Kalat, Hyderabad and Khairpur divisions remained nearly normal elsewhere in the country.

Forecast valid until the evening of 11th April, 1970 :—Scattered thunderstorms/showers are likely to occur in Khulna, Dacca and Chittagong divisions. A few dust/-thunderstorms are also likely in Quetta, Rawalpindi, Peshawar, Lahore and Sargodha divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Earth Quake Reports Seismograph of geophysical centre Quetta recorded an earthquake of moderate intensity on 10th April 1970 at 13 hours 23 minutes (W.P.S.T.) The epicentre lies about 15 miles northeast of Quetta near Pakatu Hill. Another earthquake of moderate intensity was recorded on 10th April 1970 at 15 hours 25 minutes (W.P.S.T.) The epicentre lies about three hundred miles south of Quetta about sixty miles north of Karachi.

Karachi-11
The 10th April, 1970.

OBSERVATIONS

NASEEM-UD-DIN QURESHI
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	080	0	0	23	09	95	04	0	042	87	0	0	9	0	0	67	95
	Cox's Bazar	000	0	5	21	03	98	02	0	081	86	2	2	5	3	0	75	96
	Chittagong	000	0	4	18	12	96	02	2	062	82	4	4	4	0	0	76	90
	Maijdee Court	000	0	4	18	05	96	02	2	070	85	2	2	5	0	0	77	90
	Comilla	080	0	6	00	00	94	02	6	082	77	6	4	5	0	0	73	91
	Brahmanbaria	000	0	4	18	07	97	03	1	042	80	4	0	5	0	0	69	90
	Sylhet	000	0	8	09	65	96	95	9	048	72	6	9	4	2	0	67	78
	Srimangal	000	0	5	00	00	94	02	9	051	73	4	9	4	5	1	72	90
Dacca	Mymensingh	000	0	8	13	02	93	02	2	033	90	8	6	4	3	1	78	90
	Narayanganj	000	0	6	23	05	97	02	2	029	90	2	0	5	4	1	67	90
	Dacca (Tejgaon)	000	0	4	20	02	97	02	2	049	93	4	5	6	0	0	67	95
	Faridpur																	
Khulna	Barisal	000	0	3	21	05	96	01	2	047	86	2	5	4	0	1	76	91
	Khulna	000	0	0	00	00	97	00	0	045	91	0	0	9	0	0	76	93
	Satkhira	000	0	4	00	00	96	02	1	041	91	2	4	9	2	0	70	95
	Jessore	080	0	6	19	02	96	02	2	033	90	2	0	9	3	6	64	93
Rajshahi	Pabna	000	0	0	18	05	98	01	2	024	90	0	0	9	0	0	62	98
	Sirajganj	000	0	6	00	00	96	02	2	026	90	5	2	0	3	6	51	98
	Rajshahi	000	0	5	27	02	96	02	2	022	93	1	1	5	4	1	58	100
	Bogra	000	0	5	23	02	96	03	1	018	96	3	0	9	7	8	47	100
	Dinajpur	000	0	0	27	04	96	00	0	011	98	0	0	9	0	0	45	106
	Rangpur	000	0	0	27	02	96	01	0	077	87	0	0	9	0	0	76	100
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	023	100	0	0	9	0	0	50	102
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	1	23	02	97	02	0	018	96	1	1	7	0	0	59	98
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab																	
	Sargodha	000	0	0	05	02	97	02	0	024	98	0	0	9	0	0	50	98
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal	000	0	0	18	03	97	02	0	015	100	0	0	9	0	0	72	102
	Multan	000	0	0	36	09	95	00	0	083	90	0	0	9	0	0	49	90
	Leiah																	
Bahawalpur	Khanpur	000	0	1	23	02	97	02	0	017	102	1	1	9	0	0	50	104
	Bahawalpur	000	0	0	00	00	96	00	0	078	102	0	0	9	0	0	63	104
	Fort Abbas	000	0	0	27	02	98	00	0	043	87	0	0	9	0	0	60	100
Malakand	Chakdra	000	0	0	23	03	98	02	0	005	90	0	0	9	0	0	58	91
Peshawar	Peshawar	000	0	1	13	02	97	02	0	019	91	1	1	6	0	0	51	93
	Haripur																	
D. I. Khan	Bannu																	
	D. I. Khan	000	0	0	00	00	97	02	0	021	98	0	0	9	0	0	56	100
Quetta	Sibi	000	0	0	13	03	97	02	0	018	106	0	0	9	0	0	48	107
	Nokkundi	000	0	4	23	03	96	03	0	002	98	4	6	6	0	0	67	100
Kalat	Turbat	000	0	0	23	02	98	00	0	022	105	0	0	9	0	0	61	105
	Jiwani	000	0	0	25	16	96	02	0	062	86	0	0	9	0	0	66	89
	Pasni	000	0	0	25	26	96	00	7	053	88	0	0	9	0	0	88	92
	Ormara																	
Karachi division	Lasbela																	
	Karachi (Manora)	000	0	0	27	07	97	02	0	054	82	0	0	9	0	0	74	94
	Karachi (Ariport)	000	0	0	23	12	96	02	0	052	87	0	0	9	0	0	69	95
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	189	95	0	0	9	0	0	95	98
	Chhor	000	0	0	23	05	96	02	0	033	102	0	0	9	0	0	70	105
	Hyderabad	000	0	2	23	10	95	07	0	031	99	1	2	6	3	1	69	104
	Badin	000	0	0	23	11	97	01	0	047	104	0	0	9	0	0	59	103
Khairpur	Padidan	000	0	0	31	05	97	02	0	020	104	0	0	9	0	0	40	107
	Nawabshah	000	0	0	31	02	98	02	0	031	104	0	0	9	0	0	45	107
	Sukkur	000	0	0	23	02	96	02	0	024	104	0	0	9	0	0	43	107
	Kashmore																	
	Jacobabad	000	0	0	13	02	97	02	0	018	105	0	0	9	0	0	42	106
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	0	06	03	98	98	0	458	82	0	0	9	0	0	40	82
Peshawar	Cherat *	000	0	0	34	05	98	02	0	528	80	0	0	9	0	0	43	86
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	0	36	82	98	02	0	445	87	0	0	9	0	0	79	87
	Parachinar *	000	0	1	16	06	98	03	0	462	77	1	1	7	0	0	37	78
	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Wana *																	
Quetta	Fort Sandeman *	000	0	1	36	05	98	02	0	453	85	1	1	9	0	0	23	87
	Hindubagh *	000	0	6	27	09	97	03	0	///	67	6	2	9	0	0	39	68
	Loralai *	000	0	0	27	04	98	00	0	485	80	0	0	9	0	0	52	85
	Barkhan *																	
	Harnai *	000	0	0	13	02	96	02	0	447	92	0	0	9	0	0	35	94
	Samungli (Quetta) *	000	0	0	27	05	97	02	0	464	82	0	0	9	0	0	28	84
	Chaman *	000	0	0	27	03	97	02	0	504	86	0	0	9	0	0	49	88
	Nushki *	000	0	0	23	03	97	02	0	520	92	0	0	9	0	0	53	92
	Dalbandin *	000	0	0	13	03	97	02	0	478	95	0	0	9	0	0	49	97
Kalat	Kalat *	000	0	0	31	02	98	00	2	417	74	0	0	9	0	0	15	//
	Khuzdar *	000	0	0	00	00	97	02	0	475	89	0	0	9	0	0	14	91
	Panjgur *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total 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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	031	1	7	27	03	97	95	9	122	81	6	9	3	1	0	73	75	—	—	0.3	—	5.0	-
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					140
Chittagong	0 0	0	7	18	12	96	01	1	106	84	6	8	4	2	0	75	75	+ 1	+ 3	0.4	— 0.8	0.8	109
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					115
Comilla	100	9	3	18	65	97	02	6	089	84	3	4	7	0	0	81	75	— 1	0	1.0	0.1	4.3	94
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
Sylhet	166	8	6	09	05	96	01	1	105	73	5	3	5	0	0	73	//	—	—	2.8	—	9.2	—
Srimangal	025	9	4	09	05	96	//	9	099	77	4	9	4	3	0	68	68	—	—	0.3	— 2.7	5.4	98
Mymensingh	000	0	6	13	02	97	02	2	086	84	5	6	4	3	1	79	79	— 3	+ 5	2.2	+ 1.0	6.1	91
Narayanganj	000	0	4	23	05	97	01	2	083	84	4	8	4	0	9	75	79	—	—	0.5	—	2.9	74
Dacca (Tejgaon)	000	0	4	16	09	97	02	2	073	84	3	4	5	1	0	75	77	+ 1	+ 4	0.2	— 0.8	2.6	—
Faridpur																							71
Barisal	000	0	5	23	07	97	02	2	084	84	5	8	4	0	0	77	79	— 1	+ 5	0.7	— 0.2	2.0	81
Khulna	000	0	0	00	00	97	00	0	093	84	0	0	9	0	0	79	79	0	+ 6	2.0	+ 1.6	5.9	68
Satkhira	000	0	6	23	03	97	02	2	086	84	5	6	4	3	1	79	79	0	+ 5	0.9	+ 0.5	4.6	61
Jessore	000	0	5	18	10	96	05	2	081	84	2	5	5	4	0	77	77	—	—	3.0	+ 2.5	6.8	65
Pabna	000	0	0	13	05	98	01	0	074	84	0	0	9	0	0	75	75	—	—	0.8	—	3.9	59
Sirajganj	000	0	4	18	02	98	01	2	078	82	6	4	6	0	0	75	73	+ 2	+ 3	0.1	— 0.7	2.1	64
Rajshahi	000	0	0	18	02	96	02	0	069	87	0	0	9	0	0	73	73	+ 3	+ 1	0.0	— 0.4	2.0	—
Bogra	000	0	3	09	05	96	03	0	073	82	3	5	5	0	0	73	73	+ 4	+ 3	0.0	— 0.5	1.5	69
Dinajpur	000	0	0	13	02	96	00	0	065	87	0	0	9	0	0	62	69	+ 11	+ 1	0.0	— 0.4	1.0	73
Rangpur	000	0	0	23	09	94	01	0	141	81	0	0	9	0	0	73	62	+ 8	— 6	0.0	— 0.5	1.3	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	056	81	0	0	9	0	0	58	68	+ 9	+ 7	0.0	— 0.2	2.0	19
Sialkot	000	0	0	00	00	97	00	0	048	81	0	0	9	0	0	54	//		—	0.0	— 0.4	1.8	37
Jhelum	000	0	0	00	00	97	02	6	064	77	0	0	9	0	0	60	61	—	—	0.0	—	5.4	—
Islamabad	000	0	0	00	00	96	00	0	///	75	0	8	9	0	0	49	60		—	0.0	—	6.9	—
Rawalpindi	000	0	0	00	00	98	00	0	067	73	0	0	9	0	0	51	61		+ 5	0.0	— 0.7	8.5	36
Campbellpur																							—
Khushab	000	0	0	00	00	90	00	0	053	81	0	0	9	0	0	64	65		0	0.0	— 0.3	1.8	15
Sargodha	000	0	0	00	00	96	00	0	059	73	0	0	9	0	0	60	64	—	+ 4	0.0	— 0.2	1.2	13
Lyallpur																							10
Sahiwal	000	0	0	00	00	97	02	0	048	81	0	0	9	0	0	54	62	+ 9	— 3	0.0	— 0.1	0.8	7
Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Leiah																							
Khanpur	000	0	0	23	02	97	02	0	053	82	0	0	9	0	0	56	64	+ 7	+ 1	0.0	— 0.1	1.7	6
Bahawalpur	080	0	0	00	00	98	00	0	080	81	0	0	9	0	0	49	64	+ 9 —	—	0.0	—	0.1	6
Fort Abbas																							8
Chakdra	000	0	0	05	03	98	02	0	071	64	0	0	9	0	0	54	56	—	—	0.0	—	6.4	—
Peshawar	000	0	0	23	02	97	02	0	068	73	0	0	9	0	0	51	62	+ 11	+ 4	0.0	— 0.7	3.3	11
Haripur																							—
Bannu	000	0	0	31	02	99	00	1	057	73	0	0	9	0	0	47	68		—	0.0	—	1.6	11
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 10					9
Sibi	000	0	0	00	00	97	02	0	060	76	0	0	9	0	0	//	71	—	—	0.0	—	0.9	5
Nokkundi	090	0	0	27	09	96	02	0	063	72	0	0	9	0	0	53	68	—	—	0.0	—	2.5	2
Turbat	000	0	0	09	02	98	00	0	115	72	0	0	9	0	0	61	68	—	—	0.0	—	0.7	—
Jiwani	000	0	6	23	03	//	03	0	079	68	3	0	9	2	1	72	74	—	—	0.0	—	8.3	8
Pasni	000	0	0	25	08	97	02	0	064	70	0	0	9	0	0	67	61	+ 4	— 4	0.0	— 0.2	2.5	6
Ormara																							8
Lasbela																							8
Karachi (Manora)	000	0	0	22	07	96	02	0	075	79	0	0	9	0	0	73	77	— 1	+ 5	0.0	— 0.1	1.1	8
Karachi (Ariport)	000	0	0	27	03	96	02	0	077	78	0	0	9	0	0	69	73	—	—	0.0	—	3.0	—
Nagarparker	000	0	0	05	02	97	02	0	072	77	0	0	9	0	0	78	77	—	—	0.0	—	0.1	—
Chhor	000	0	0	23	10	96	02	0	064	77	0	0	9	0	0	66	68	—	—	0.0	—	3.5	7
Hyderabad	000	0	0	23	03	97	02	0	060	78	0	0	9	0	0	67	71	+ 4	+ 1	0.0	0.0	1.1	9
Badin	000	0	0	23	06	97	02	0	087	74	0	0	9	0	0	69	72	+ 4	+ 3	0.0	0.0	0.1	—
Padidan	000	0	0	13	03	97	02	0	044	77	0	0	9	0	0	54	70	—	—	0.0	—	0.9	—
Nawabshah	000	0	0	18	02	96	02	0	050	77	0	0	9	0	0	63	67	—	—	0.0	—	0.4	4
Sukkur	000	0	0	13	02	55	05	4	032	80	0	0	9	0	0	62	73	—	—	0.0	—	0.9	—
Kashmore																							4
Jacobabad	000	0	4	13	02	97	02	0	054	79	0	0	9	0	0	57	71	+ 8	+ 3	0.0	— 0.1	2.1	80
Veraval																							26
HILL STATIONS																							—
Srinagar *																							71
Gulmarg **																							16
Sonamarg **																							3
Dras **																							4
Leh **																							—
Skardu *																							—
Misgar **																							5
Aliabad *																							59
Gilgit *																							18
Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 15					29
Drosh *	000	0	0	00	00	98	02	0	479	73	0	0	9	0	0	43	44	+ 16	+ 11	0.0	— 0.7	5.5	—
Cherat *	000	0	0	31	02	99	02	0	482	65	0	0	9	0	0	40	60		—	0.0	—	14.2	—
Kakul *	000	0	0	36	02	98	02	0	461	68	0	0	9	0	0	51	54	—	—	0.0	—	3.7	29
Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 12					18
Parachinar *	000	0	0	05	35	99	00	0	476	73	0	0	9	0	0	51	65		—	0.0	— 0.7	0.1	11
Miranshah *																							13
Wana *																							—
Fort Sandeman *	000	0	0	00	00	97	03	0	482	67	0	0	9	0	0	33	59	+ 11	+ 9	0.0	— 0.4	2.8	9
Hindubagh *	000	0	0	00	00	98	02	0	///	57	0	0	9	0	0	46	//	—	—	0.0	—	1.6	—
Loralai *	000	0	0	27	03	98	00	0	480	58	0	0	9	0	0	32	57	—		0.0	—	2.1	14
Barkhan *																							9
Harnai *	000	0	0	31	02	91	02	0	456	75	0	0	9	0	0	34	67	—	—	0.0	— 0.4	3.8	9
Samungli (Quetta) *	080	0	0	00	00	96	02	0	492	54	0	0	9	0	0	38	46	—	—	0.0	— 0.5	2.9	—
Chaman *	000	0	0	09	03	97	02	0	488	68	0	0	9	0	0	38	44	+ 12	+ 9	0.0	— 0.1	7.7	4
Nushki *	000	0	0	07	05	97	02	0	517	77	0	0	9	0	0	34	71	—	—	0.0	—	3.5	7
Dalbandin *	000	0	0	05	02	98	02	0	464	69	0	0	9	0	0	33	58	+ 11	+ 2	0.0	— 0.1	3.3	—
Kalat *	000	0	0	12	02	98	00	2	497	58	0	0	9	0	0	33	32	—	— 10	0.0	— 0.2	3.0	5
Khuzdar *	000	0	0	00	00	96	02	0	477	69	0	0	9	0	0	33	63	—	—	0.0	—	2.6	—
Panjgur *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th APRIL, 1970.

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	dwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Dumra	99 2 30	10 6 79	09 1 83	02 8 12	98 0 20	08 4 27	00 9 00	23 4 00			05 1 26		3/ / //	
Almahrosa	99 2 36	10 5 91	10 0 03	03 0 04	98 0 20	06 9 27	00 9 //	33 7 15			00 2 22		30 5 01	
Almahrosa	99 2 44	10 5 83	09 1 03	89 0 06	99 0 20	04 6 28	00 9 00	33 7 18			00 3 24		30 5 01	
Dumra	99 2 03	10 7 08	09 0 03	63 1 15	98 0 32	09 5 26	00 5 //	23 5 05			05 0 23		30 3 02	
Jumra	99 2 03	10 7 08	00 9 00	...	...	...	...	...			...		...	

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
			hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	140 186 //	096 854 61	576 118 //	744 215 65	951 343 62	223 539 //	404 625 //	...	...	...	...
Dacca ...	00 00	...	...								...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 240 45	...	450 180 45	084 084 55	578 055 //	750 151 //	963 265 //	...	...	...	...	...	...
Multan ...	00 00		...	...	...					...	...	...	...	...
Peshawar ...	00 00	965 178 33	...	...	...	579 081 //	744 215 //	949 881 //	207 587 //	...	...	...	...	...
Quetta ...	00 00		...							...	...	...	...	...
Sargodha ...	00 00	991 184 35	...	500 184 30	266 854 25	590 141 //	757 215 //	965 315 //	244 435 //	...	...	...	...	...

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	900 214 62	800 144 61	600 041 57	350 263 64	...	...	...	...	...	...	...	...
Dacca ...	00 00	...		...	...	...	...	...	...	...	...	...	...
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 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	205 13	220 14	250 15	260 16	270 18	...		...	...
Bogra	270 05	270 15	270 15	270 18	270 20	320 30	270 30	...	...
Chaklala	...	290 04	290 04	010 03	055 07	345 08	350 10	315 13	320 13
Chhor	225 07	230 06	245 09	260 03	345 02	340 04	310 33	305 33	...
Chittagong	180 19	195 19	210 17	225 13	235 15	225 15	255 25	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar				...	...		...	...	...
Dacca	215 13	230 17	260 19	265 24	265 67	265 19	270 27	...	...
Dalbandin	...	...	170 03	325 01	220 03	140 05	125 13	105 13	125 11
D. I. Khan	040 01	080 02	880 04	050 03	085 03	305 07	345 18	310 12	330 13
Drosh	...	...	...	050 01	045 08	010 46	355 09	355 15	350 15
Fort Sandeman	...	...	...	305 06	300 12	235 02	220 04	360 12	315 07
Gilgit	...	...	...	170 02	025 08	205 07	325 08	...	...
Ishurdi	270 13	276 15	270 13	270 10	265 17	260 15	...	...	...
Jacobabad	245 08	275 05	230 06	225 12	245 11	275 03	320 19	335 19	...
Jessore	205 12	240 13	265 12	265 17	270 15	275 15	275 24	...	...
Jhelum	185 03	190 06	190 06	295 12	310 15	350 08	345 19	345 15	360 11
Jiwani	245 20	260 16	260 14	300 09	305 07	075 05	220 09	305 08	018 04
Karachi	275 12	265 08	265 08	290 06	280 08	310 06	315 08	315 05	250 05
Khanpur	250 11	250 11	245 10	240 14	235 15	230 15	235 10	270 06	235 10
Khuzdar	...	...	...	140 03	170 02	180 02	330 04	340 07	275 08
Lahore	270 05	270 03	...	...		...			
Multan	260 09	280 12	280 09	280 06	275 06	300 20	290 23	280 25	280 26
Nawab Shah	305 05	330 04	300 03	275 08	270 08	285 10	305 16	315 16	310 16
Nokkundi	...	...		...	...	...	...	...	...
Panjigur	...	...	...	...	...	...	...		...
Peshawar	...	110 04	350 04	310 08	300 10	320 14	330 10	330 15	375 20
Parachinar	...	...	...	040 07	145 08	325 13	305 12	330 25	335 15
Quetta	...	...		...	305 09	275 10	275 12	260 19	
Sargodha	100 01	160 01	155 01	320 03	190 09	215 10	315 13	325 14	335 17
Skardu		...	...				...	...	...
Sylhet	175 10	235 03	230 08	230 09	230 09	...	...	...	...
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	200 05	210 07	215 10	...	...	...
Bogra	210 11	220 11	245 10	...	...	...
Chaklala	...	040 06	064 04	285 02	270 02	325 06
Chhor	275 19	270 17	235 15	240 12	235 15	270 05
Chittagong	230 15	230 15	220 15	230 15	230 15	216 25
Cherat	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	
Dacca	...	...	...			
Dalbandin	...	...	150 02	170 07	190 12	235 21
D. I. Khan	300 05	170 06	190 05	225 04	245 01	220 03
Drosh	...	...	...	110 01	025 03	340 02
Fort Sandeman	...	...	...	135 01	355 21	320 21
Gilgit	...	...	...	165 02	260 05	290 05
Ishurdi						...
Jacobabad	195 15	190 07	195 15	270 07	185 10	...
Jessore	240 19	245 19	280 16	275 10	270 10	765 12
Jhelum	090 02	325 05	310 08	305 12	330 11	350 05
Jiwani	260 27	270 26	260 26	260 21	265 15	...
Karachi						...
Khanpur	230 10	230 15	230 10	230 12	230 10	...
Khuzdar	...	...	...	310 04	310 05	335 10
Lahore	090 07	190 03	200 03	300 02	340 07	005 07
Multan	170 11	180 13	195 12	260 04	280 03	305 05
Nawab Shah	265 11	265 18	270 19	260 11	250 12	290 09
Nokkundi	...	...	...	...	...	...
Panjigur	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...
Parachinar	...	...	...	...	320 10	320 07
Quetta	...			...	250 10	270 08
Sargodha	075 04	360 01	335 02	350 07	015 06	360 09
Skardu					...	...
Sylhet	110 12	120 12	175 09	...	...	...
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	205 08	245 12	245 14	280 12	295 12	...	...	...	...		...
Bogra	150 08	185 09	185 19	260 13	275 22	270 35	270 29	270 30	270 32	...	...
Chaklala	...	285 05	240 04	330 07	275 05	320 10	335 12	035 12	325 07	...	...
Chhor	195 11	208 10	235 07	240 10	230 09	245 07	305 08	300 09	...	...	...
Chittagong	160 06	185 10	190 12	205 13	250 13	260 19	250 23	225 20	230 22	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar		...			...	...	...	...	...	...	...
Dacca	210 09	200 12	210 12	210 16	220 17	...	...	...	...	...	...
Dalbandin	...		085 03	180 04	235 01	290 02	265 05	225 03	250 26	230 09	...
D. I. Khan	170 02	185 03	185 04	175 09	150 05	305 09	230 03	255 07	300 08	325 06	...
Drosh	...	...	...	045 15	015 19	005 12	005 10	235 06	...	...	...
Fort Sandeman	...	...	...	295 02	320 07	280 04	280 12	285 12	005 05	040 09	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	205 14	200 16	275 10	320 15	310 19	305 21	330 27	...	...	...	...
Jacobabad	125 06	215 03	185 03	145 05	125 06	060 08	005 04	080 03	140 06	265 11	...
Jessore	210 15	220 17	225 13	275 15	315 15	285 30	255 26	285 27	285 27	...	...
Jhelum	100 02	/// //	/// //	290 12	310 17	305 21	310 96	355 25	355 25	335 27	...
Jiwani	235 17	245 12	265 10	270 14	295 03	120 17	225 09	...		...	...
Karachi	275 17	280 18	300 17	290 17	275 14	315 05	005 05	125 06	225 06	...	...
Khanpur	...				...	...		...	...	...	...
Khuzdar	...	...	...	295 04	010 06	025 09	055 03	...	...	...	...
Lahore	195 05	195 06	200 05	215 05	335 05	330 10	335 10	345 15	355 17	020 06	040 07
Multan	040 02	045 02	100 08	015 02	335 03	255 04	325 09	270 01	280 03	310 08	...
Nawab Shah	275 04	265 06	210 07	205 09	320 03	355 04	305 04	270 10	185 15	...	...
Nokkundi	...	...		...	...	...	...		...	...	...
Panjigur	...	...		...	...	...	...			...	...
Peshawar		070 04	355 05	285 04	295 10	275 08	285 08	295 09	030 10	310 12	...
Parachinar	...	...	...	...	040 02	310 02	320 05	...	...	...	...
Quetta	...	...			170 05	240 10	260 23	260 37	265 25		...
Sargodha	230 02	340 03	335 01	330 04	330 07	335 15	335 12	130 16	335 14	370 23	...
Skardu			...	...	...	...	...	...	...	...	...
Sylhet	105 14	145 12	220 13	...	...	...	...	...	...	...	...
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 ...	270 17	270 17	295 24	295 27	259 24	290 23	340 42	015 18	015 16	...	...	...	...	...	...	...	...	...
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.

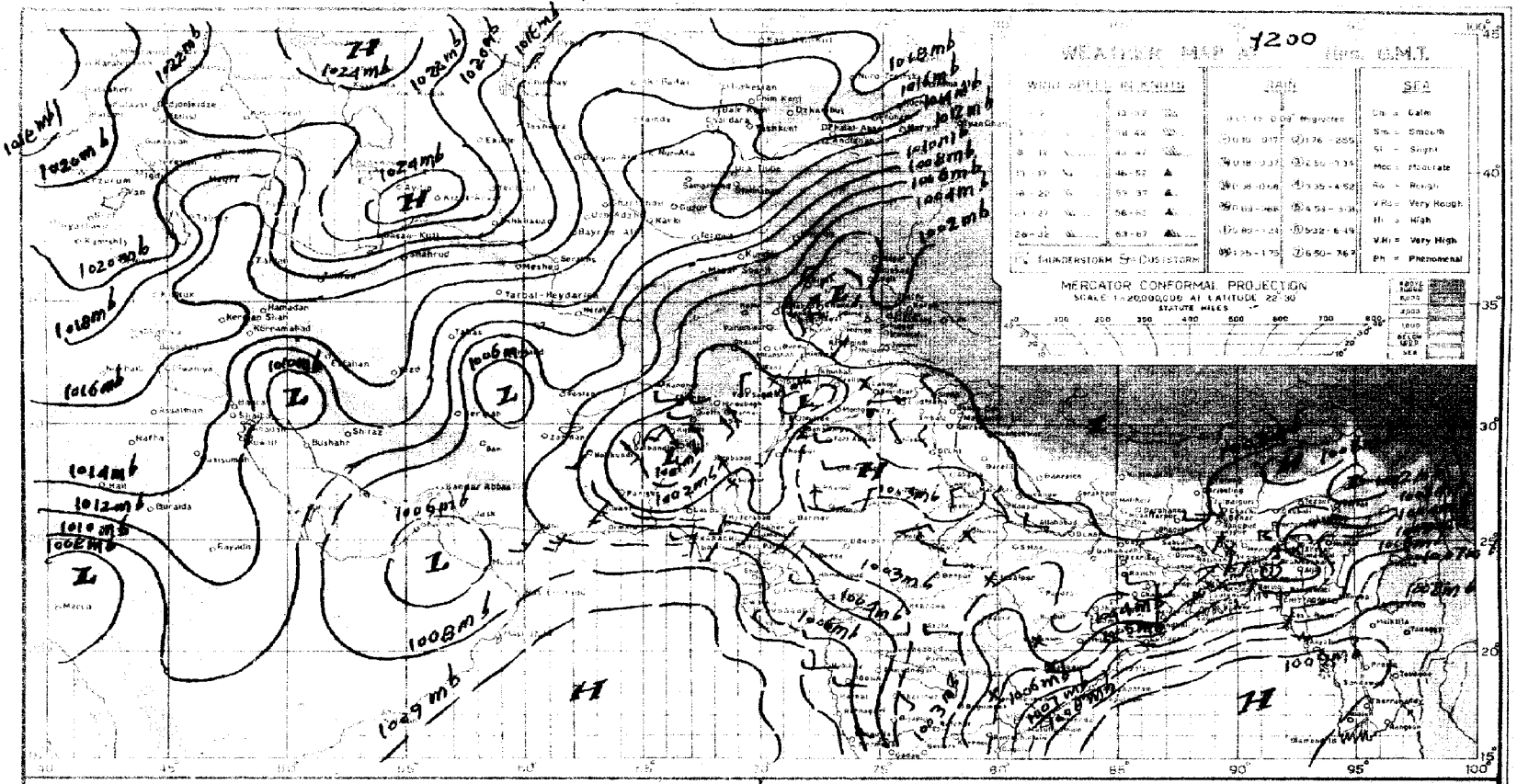
† The actual time of observations may vary within half an hour of the specified time.

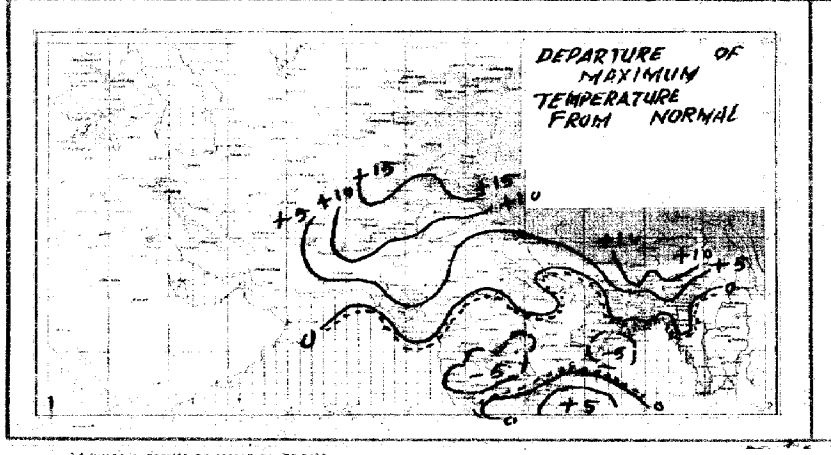
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "fff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

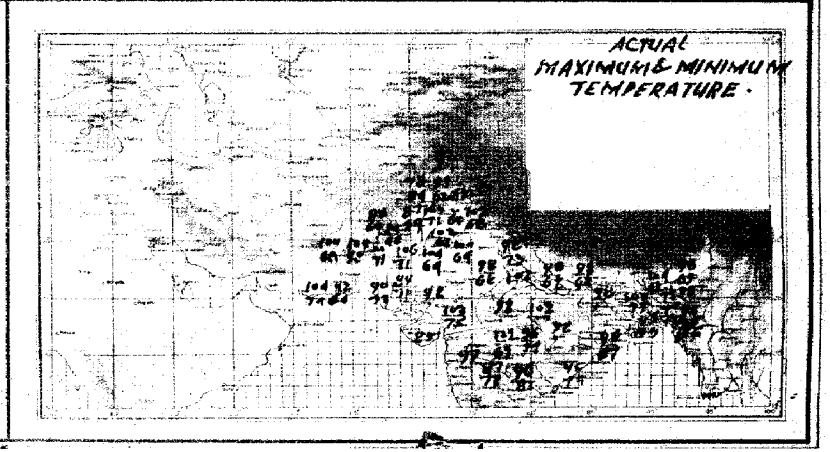
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtainable if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 9th APRIL 1970

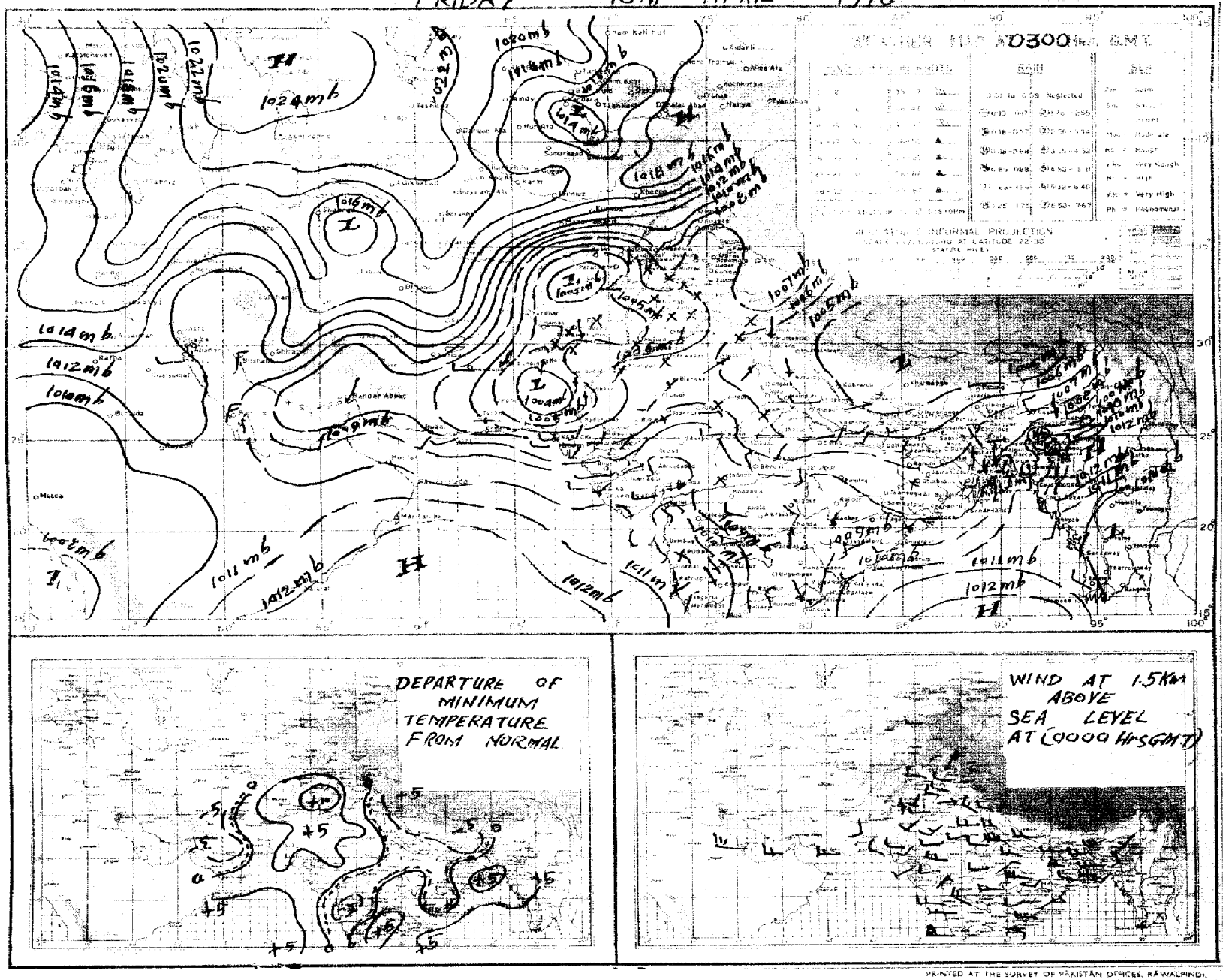






PAKISTAN DAILY WEATHER MAP

FRIDAY 10th APRIL 1970



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SATURDAY THE 11th APRIL, 1970.

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

Yesterday's western disturbance over D. I. Khan division and neighbourhood now lies over Kashmir. It secondary over Quetta division and adjoining areas moved away eastwards. Another western disturbance is moving across central Russian Turkistan. It secondary lies over Quetta and Kalat divisions and adjoining areas. Weather remained dry in West Pakistan.

The trough of low pressure over Bihar and West Bengal persists,

Scattered rain/thundershowers have occurred in Chittagong, Dacca and Khulna divisions.

A few thunderstorms/light showers have also occured in Rajshahi division.

Chief amounts of rainfall recorded are Srimangal 1¾", Brahmanbaria 1", Mymensingh ¾", Satkhira ½" and Rangamati ¾".

Day temperature these were 8—14 °F (4—8 °C) in Rajshahi, Sargodha, Multan, Bahawalpur, Peshawar, D. I. Khan, Quetta, Kalat and Khairpur divisions and 3—5 °F (2—3 °C) so elsewhere in the country outside Karachi division where these remained nearly normal.

Forecast valid until the evening of 12th April, 1970 :—Local thunderstorm/showers with squally winds are likely to occur in Khulna, Dacca and Chittagong divisions. Scattered in Rajshahi, Quetta, Kalat, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely to occur in Lahore, Sargodha, Multan and Bahawalpur divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Earth Quake Reports Seismograph of geophysical centre Quetta has recorded an earthquake of mild intensity on 11th April 1970 at 09 hours 48 minutes (W.P.S.T.) The epicentre lies about 15 miles northeast of Quetta near Takatu Hills.

Karachi-11
The 11th April, 1970.

QAZI SUBHAN AHMED
for Director, Meteorological Service.

OBSERVATIONS

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature TT (12)	Amount of Lowest Clud † Nh (13)	Low 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	1	22	10	96	02	0	065	85	1	1	5	0	0	76	90
	Chittagong —	004	8	3	20	12	96	02	1	063	85	2	3	5	0	1	76	90
	Maijdee Court —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet —	000	0	7	13	03	96	12	6	047	75	4	7	9	0	0	64	83
	Srimangal —	130	9	8	13	13	96	19	9	066	68	6	9	9	3	3	63	91
Dacca	Mymensingh —	000	0	4	00	00	96	02	2	039	91	4	3	4	0	0	60	96
	Narayanganj —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon) —	000	3	4	09	05	96	01	9	047	82	2	3	5	6	1	64	95
	Faridpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal —	000	0	7	18	09	96	02	0	058	89	5	5	5	0	1	77	94
	Khulna —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira —	000	0	4	09	02	96	03	6	048	73	4	4	6	0	0	48	99
	Jessore —	000	0	3	19	20	97	03	0	032	93	2	4	5	3	1	54	98
Rajshahi	Pabna —	000	0	0	23	05	98	02	0	122	94	0	0	9	8	0	54	100
	Sirajganj —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi —	000	0	2	00	00	96	00	0	019	90	0	0	9	0	1	65	103
	Bogra —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur —	000	0	6	00	00	96	01	9	074	87	6	0	9	2	0	75	100
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	0	0	31	02	97	02	0	026	98	0	0	9	0	0	47	98
	Sialkot —	000	0	0	00	00	97	00	0	000	95	0	0	9	0	0	51	98
Rawalpindi	Jhelum —	000	0	0	23	02	98	02	0	016	98	0	0	9	0	0	60	100
	Islamabad —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi —	000	0	0	31	02	99	00	0	026	93	0	0	9	0	0	73	95
	Campbellpur —																	
Sargodha	Khushab —	000	0	0	00	//	98	00	0	019	98	0	0	9	0	0	56	100
	Sargodha —	000	0	1	23	01	97	03	0	023	102	0	0	9	0	1	47	102
	Lyallpur —	000	0	2	05	02	97	02	0	026	96	0	0	9	0	0	56	100
Multan	Sahiwal —	000	0	0	13	02	97	02	0	022	102	0	0	9	0	0	45	102
	Multan —	000	0	0	36	01	95	00	0	///	90	0	0	9	0	0	49	90
	Leiah —																	
Bahawalpur	Khanpur —	000	0	0	00	00	97	02	0	018	87	0	0	9	0	0	93	108
	Bahawalpur —	000	0	0	00	00	98	00	0	027	102	0	0	9	0	0	63	102
	Fort Abbas —	000	0	0	27	02	98	00	0	020	103	0	0	9	0	0	59	104
Malakand	Chakdra —	000	0	0	23	02	98	02	0	005	90	0	0	9	0	0	58	95
Peshawar	Peshawar —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu —	000	0	2	05	02	99	01	0	029	96	0	0	9	0	5	50	98
	D. I. Khan —	000	0	0	00	00	97	02	0	025	98	0	0	9	0	1	63	102
Quetta	Sibi —	008	0	0	18	03	97	02	0	019	102	0	0	9	0	0	56	109
	Nokkundi —	000	0	5	31	14	96	03	0	003	95	5	5	6	0	0	33	100
Kalat	Turbat —	000	0	0	18	02	98	00	0	072	102	0	0	9	0	0	72	103
	Jiwani —	000	0	2	23	07	96	02	0	061	86	0	0	9	0	1	67	89
	Pasni —	000	0	0	25	22	97	02	0	066	88	0	0	9	0	0	86	90
Karachi division	Ormara —																	
	Lasbela —																	
	Karachi (Manora) —	000	0	7	27	08	96	03	1	061	81	0	0	9	3	3	75	94
	Karachi (Airport) —	000	0	7	23	05	96	03	1	062	84	2	6	5	0	1	67	92
Hyderabad	Nagarparkar —	000	0	0	05	02	97	02	0	///	95	0	0	9	0	0	95	98
	Chhor —	000	0	5	27	05	96	03	0	029	102	3	0	9	5	1	49	105
	Hyderabad —	000	0	7	23	09	97	03	2	037	99	4	0	9	3	/	63	105
	Badin —	000	0	0	21	12	97	02	0	068	96	0	0	9	0	0	55	98
Khairpur	Padidan —	000	0	6	31	03	96	03	1	025	105	0	0	9	0	4	43	107
	Nawabshah —	000	0	7	18	05	97	03	2	025	105	6	8	8	1	0	70	109
	Sukkur —	000	0	0	23	02	96	02	0	012	107	0	0	9	0	0	61	110
	Kashmore —	000	0	0	23	02	98	02	0	022	105	0	0	9	0	0	64	109
	Jacobabad —	000	0	0	13	03	97	02	0	017	105	0	0	9	0	0	61	107
Junagadh	Veraval —																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	0	05	02	99	02	0	465	87	0	0	9	0	0	38	//
Peshawar	Cherat *	000	0	0	31	05	98	02	0	475	84	0	0	9	0	0	47	87
	Kakul *	000	0	0	26	02	98	02	0	470	83	0	0	9	0	0	45	86
	Landikotal *	000	0	0	36	02	98	02	0	447	90	0	0	9	0	0	82	91
	Parachinar *	000	0	2	16	05	98	02	0	476	77	1	2	7	6	0	32	86
D. I. Khan	Miranshah *	000	0	4	05	05	96	00	0	570	90	0	0	9	0	1	60	90
	Wana *	000	0	0	15	05	98	00	0	473	85	0	0	9	0	8	50	85
Quetta	Fort Sandeman *	000	0	4	23	05	98	02	0	456	87	3	4	7	3	0	03	//
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Loralai *	000	0	0	27	09	97	00	0	480	84	0	0	9	0	0	51	88
	Barkhan *																	
	Harnai *	000	0	0	31	02	96	02	0	468	94	0	0	9	0	0	31	94
	Samungli (Quetta) *	000	0	0	13	05	96	02	2	461	82	1	6	9	0	0	25	84
	Chaman *	000	0	0	27	05	97	00	0	518	88	0	0	9	0	0	49	89
	Nushki *	000	0	0	00	00	97	02	0	511	94	0	0	9	0	0	53	53
	Dalbandin *	000	0	4	16	05	98	03	1	470	96	4	0	9	2	0	49	98
Kalat	Kalat *	000	0	0	23	02	97	02	0	459	75	0	0	9	0	0	28	81
	Khuzdar *	000	0	1	09	02	97	03	0	456	89	1	5	9	0	0	17	92
	Yadgar *																	

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

Division (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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal† (42)
Chittagong	Rangamati	037	9	1	18	09	98	03	9	129	84	1	4	6	8	0	77	73		—	0.7	—	5.4	—
	Cox's Bazar	000	0	5	12	08	97	02	0	120	86	4	2	5	2	/	73	86	+ 2	+ 13	—	—	—	140
	Chittagong	006	9	4	16	10	96	02	0	120	84	4	4	4	0	0	75	71	+ 1	— 2	0.4	— 0.8	0.9	109
	Maijdee Court	052	9	2	18	05	96	03	6	111	72	3	2	5	1	2	76	67		— 9	2.7	+ 1.4	6.4	115
	Comilla	000	0	4	18	05	96	02	0	102	82	4	4	7	0	0	80	73		0	1.0	— 0.4	4.3	94
	Brahmanbaria	124	0	6	09	05	97	03	1	106	82	6	5	5	0	0	75	68		—	—	—	—	78
	Sylhet	000	0	5	09	02	96	01	1	115	75	5	4	5	2	0	64	69	—	—	2.8	—	9.2	—
	Srimangal	130	9	0	23	05	96	02	9	114	80	4	9	3	3	1	72	64	—	— 4	1.6	— 1.8	6.7	98
Dacca	Mymensingh	000	0	4	13	02	97	02	2	105	80	4	5	5	0	0	72	70	+ 4	— 2	—	—	—	91
	Narayanganj	071	0	7	13	03	97	02	2	096	86	5	6	4	3	1	77	73		— 1	2.9	+ 1.5	6.8	74
	Dacca (Tejgaon)	000	9	5	18	01	96	03	1	096	84	5	5	3	0	0	77	73	—	—	0.5	—	2.9	—
	Faridpur	0.0	0	2	20	11	97	01	0	091	87	2	3	6	0	0	75	75		+ 2	—	—	—	71
Khulna	Barisal	000	0	5	18	09	97	03	2	106	85	5	6	5	0	0	76	77	+ 2	+ 2	0.7	— 0.3	2.0	81
	Khulna	000	0	0	00	00	97	00	0	101	90	0	0	9	0	0	73	79		+ 5	2.0	+ 1.5	5.9	68
	Satkhira	050	0	6	18	02	96	00	0	126	87	2	3	9	0	0	69	75	+ 9	0	1.5	+ 1.0	5.1	68
	Jessore	000	0	0	18	09	96	01	0	094	84	0	0	9	0	0	75	77	—	—	3.0	+ 2.5	6.8	65
Rajshahi	Pabna	000	0	0	18	05	97	02	1	088	86	0	0	9	0	0	75	79	—	—	0.8	—	3.9	59
	Sirajganj	002	0	6	09	02	97	02	2	100	79	8	0	7	1	0	73	73		+ 2	0.1	+ 0.8	2.1	64
	Rajshahi	000	0	3	27	02	96	02	0	087	86	0	0	9	0	2	75	79	+ 6	+ 6	0.0	— 0.4	2.0	—
	Bogra	000	0	7	09	05	96	02	1	094	79	4	4	4	3	1	69	73		+ 4	0.0	— 0.6	1.5	69
	Dinajpur	000	3	3	09	03	96	01	1	098	84	0	0	9	0	0	73	73		+ 3	0.0	— 0.4	1.8	78
	Rangpur	000	0	4	09	03	96	03	0	116	81	4	0	9	1	0	69	64	+ 8	+ 5	0.0	+ 0.5	1.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	055	81	0	0	9	0	0	54	68	+ 5	+ 6	0.0	— 0.3	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	090	84	0	0	9	0	0	50	//	+ 8	/	0.0	—	0.0	32
Rawalpindi	Jhelum	000	0	0	36	02	97	01	0	086	75	0	0	9	0	0	56	62	—	—	0.0	—	5.4	—
	Islamabad	000	0	0	00	00	97	00	0	///	79	0	0	9	0	0	45	65		—	0.0	—	6.9	—
	Rawalpindi	000	0	0	00	00	98	00	0	096	65	0	0	9	0	0	51	62	+ 12	+ 3	0.0	— 0.8	8.5	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	//	98	00	0	051	87	0	0	9	0	0	64	63	+ 10	— 2	0.0	— 0.3	1.8	15
	Sargodha	000	0	0	23	02	95	04	0	078	77	0	0	9	0	0	59	64	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	00	00	96	00	0	076	75	0	0	9	0	0	62	65	+ 9	+ 1	0.0	— 0.3	1.2	12
Multan	Sahiwal	000	0	0	13	03	97	02	0	070	81	0	0	9	0	0	50	75	+ 9	+ 9	0.0	— 0.1	0.8	10
	Multan	000	0	0	31	02	95	02	0	090	77	0	0	9	0	0	50	75	—	—	0.0	—	0.0	7
	Leiah																							8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9					6
	Bahawalpur	000	0	0	00	00	96	00	0	094	96	0	0	9	0	0	50	68	+ 7	+ 3	0.0	— 0.1	0.4	6
	Fort Abbas	000	0	0	00	00	98	00	0	071	82	0	0	9	0	0	47	65	—	—	0.0	—	0.1	8
Malakand	Chakdra	000	0	0	05	02	98	02	0	099	44	0	0	2	0	0	54	56	—	—	0.0	—	0.4	—
Peshawar	Peshawar	000	0	2	00	01	97	03	0	093	73	1	1	6	0	0	59	64		+ 4	0.0	— 0.7	3.3	11
	Haripur	000	0	0	05	03	98	00	0	093	77	0	0	9	0	1	45	60		—	0.0	—	7.4	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	000	0	0	00	00	97	02	0	084	79	0	0	9	0	0	51	65	+ 12	8	0.0	— 0.4	7.7	9
Quetta	Sibi	000	0	0	09	00	97	02	0	090	76	0	0	9	0	0	56	71	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	36	07	96	02	2	075	80	0	0	9	0	0	03	71	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	05	02	98	00	0	135	76	0	0	9	0	0	66	73	—	—	0.0	—	0.7	—
	Jiwani	000	0	6	18	02	96	02	1	100	74	3	5	6	4	0	73	71	—	—	0.0	—	3.3	3
	Pasni	000	0	4	29	04	97	02	0	102	71	4	0	9	0	0	71	62	+ 2	— 4	0.0	— 0.3	2.5	6
Karachi division	Ormara																							8
	Lasbela																							8
	Karachi (Manora)	000	0	5	27	05	96	03	1	108	78	5	6	4	0	0	74	76	— 1	+ 3	0.0	— 0.1	1.1	8
	Karachi (Airport)	000	0	5	27	07	96	03	0	102	77	5	6	5	0	0	72	66	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	121	81	0	0	9	0	0	80	81	—	—	—	—	—	—
	Chhor	000	0	3	23	03	96	03	1	091	79	0	0	9	0	3	41	71	—	—	0.0	—	2.5	7
	Hyderabad	000	0	2	23	09	97	01	1	098	79	0	0	9	0	0	72	75	+ 5	+ 4	0.0	0.0	1.1	9
	Badin	000	0	0	23	03	97	02	0	091	75	0	0	9	0	0	70	74	— 1	+ 2	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	5	13	05	97	01	2	075	76	0	0	9	0	5	56	72	—	—	0.0	—	0.9	—
	Nawabshah	000	0	4	13	05	96	03	0	079	77	0	0	9	0	8	63	69	—	—	0.0	—	0.4	4
	Sukkur	000	0	6	13	03	95	03	1	073	84	6	0	9	6	8	61	78	—	—	0.0	—	0.9	—
	Kashmore	000	0	0	00	00	//	02	0	043	80	0	0	9	0	0	58	//	—	—	—	—	—	4
	Jacobabad	000	0	1	13	03	96	03	0	073	79	3	0	9	3	0	63	73	+ 9	+ 3	0.0	— 0.1	2.1	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							34
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							19
Rawalpindi	Murree *																		—					18
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						29
Peshawar	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 17					—
	Kakul *	000	0	0	27	02	99	02	0	513	69	0	0	9	0	0	35	60	—	—	0.0	—	14.2	—
	Landikotal *	000	0	0	36	02	98	02	0	483	73	0	0	9	0	0	64	54	—	—	0.0	—	3.7	19
	Parachinar *	000	0	2	00	00	98	03	0	512	44	0	0	9	3	0	49	58	+ 20	—	0.0	—	5.7	13
D. I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					13
Quetta	Fort Sandeman *	000	0	0	23	03	97	02	0	507	69	0	0	9	0	0	15	59	+ 14	+ 7	0.0	— 0.5	2.8	—
	Hindubagh *	000	0	0	00	00	98	03	0	///	49	0	0	9	0	0	44	35	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	09	03	98	00	0	480	65	0	0	9	0	0	45	60	—	—	0.0	—	2.1	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	565	77	0	0	9	0	0	38	69	—	—	0.0	— 0.5	3.8	9
	Samungli (Quetta) *	000	0	1	00	00	96	03	0	508	62	1	0	9	0	1	46	53	—	—	0.0	— 0.5	2.9	9
	Chaman *	000	0	0	09	03	97	02	0	454	72	0	0	9	0	0	14	58	+ 13	+ 2	0.0	— 0.1	7.7	—
	Nushki *	000	0	2	00	00	97	02	0	536	70	0	0	9	0	0	38	72	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	3	00	00	98	03	0	491	74	3	0	9	0	1	49	65	+ 12	+ 10	0.0	— 0.1	3.1	7
Kalat	Kalat *	000	0	0	18	02	98	00	2	512	41	0	0	9	0	0	25	33	+ 11	— 10	0.0	— 0.3	3.0	—
	Khuzdar *	000	0	3	00	00	96	03	0	492	71	0	0	9	0	1	42	66	—	—	0.0	—	2.6	5
	Yadgar *																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day when code 999 is given [illegible] the summary shows for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th APRIL, 1970.

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
ARABAIN SEA														
Eastern Trader	99 2 33	10 6 13	10 0 03	02 4 10	98 0 20	07 3 25	00 9 00	33 6 11			05 1 22	12 5 61	30 2 02	24 6 03
Mohammadi	99 1 65	10 6 37	10 0 03	71 0 03	99 0 20	10 8 27	00 9 00	63 3 00			05 1 23	...	30 5 01	29 5 01
Steel Architect	99 2 26	10 6 50	10 0 63	52 6 10	98 0 22	12 0 28	50 9 08	13 2 22			0/ / 22	13 8 00	30 1 01	27 1 01
Eastern Traders	99 2 24	10 6 26	10 0 63	52 4 09	98 0 31	12 1 26	85 5 00	33 2 21			05 0 23	12 6 10	30 2 02	24 6 03
Almahroosa	99 2 19	10 6 04	10 1 23	81 7 10	98 0 22	08 0 26	00 9 00	33 6 20			00 2 25	...	30 6 02	18 6 03
Almahroosa	99 2 11	10 6 13	10 1 83	51 8 11	98 0 11	10 5 26	35 4 //	33 2 05			00 3 24	...	30 5 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	MISDA	...							...	...	...	...	...
Dacca ...	00 00	008 250 12	...	500 224 57	154 072 59	580 115 60	745 239 60	953 331 //	225 517 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	006 244 16	...	530 185 40	217 110 //	594 095 //	767 131 //	982 211 //	267 381 //	...	...	...	...	...
Multan ...	00 00	MISDA	...								...	...	...	...
Peshawar ...	00 00	967 188 57	...	400 178 58	084 086 58	577 115 57	744 225 //	949 351 //	222 315 //	407 545 //	...	...	...	...
Quetta ...	00 00	MISDA	...								...	...	...	...
Sargodha ...	00 00	992 190 50	...	506 170 30	175 040 57	580 175 //	745 231 //	952 311 //	233 421 //	435 841 //	...	...	...	...

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	MISDA					...	...	...	...		...	...
Dacca ...	00 00	908 250 57	800 180 59	634 000 56	600 051 57	350 265 //	...	...	...	...	167 599 //	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
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	195 19	200 19	210 14	210 15	/// //	260 10	...	...	...
Bogra	211 15	265 14	265 15	021 04	270 26				
Chakiala	...	290 17	285 13	260 07	290 04	225 06	105 04	040 03	125 07
Chhor	225 12	235 15	230 10	220 07	215 10	230 13	250 21	...	...
Chittagong	195 12	185 11	115 10	185 08	175 04	235 05	245 12	240 12	250 12
Cherat	...	...	...	...	...	...	...		...
Cox's Bazar	205 14	211 20	215 15	175 10	160 10	235 07	275 10	285 19	270 15
Dacca	113 15	114 15	115 16	210 16	255 30	265 27	275 10	...	...
Dalbandin	...	...	185 01	195 06	230 06	235 07			
D. I. Khan	170 04	170 05	170 05	165 05	165 03	280 03	330 12	090 15	305 14
Drosh	...	...	...	225 04	230 06	245 10	200 03	145 05	150 03
Fort Sandeman	...	...	...	...	...	...	...		...
Gilgit	...	...	...	...		...	...	...	...
Ishurdi	260 29	270 16	270 20	270 36	270 25	270 25			
Jacobabad	150 05	145 03	150 03	135 05	115 03	105 06	330 05	295 10	310 11
Jessore	175 28	180 29	210 02	235 10	295 14	285 30			
Jhelum	215 09	215 15	215 15	250 11	300 18	300 24	300 28	360 25	030 19
Jiwani	240 15	245 17	250 14	290 09	290 06	165 14	275 09	255 10	250 18
Karachi	265 19	270 23	270 19	285 12	275 12		...		
Khanpur	260 08	265 08	/// //	265 10	265 14	260 17	245 25	225 30	220 31
Khuzdar				135 07	175 02	175 01	295 07	305 10	285 10
Lahore	310 11	295 10	295 10	330 10	305 12	310 12	320 12	345 12	330 13
Multan									
Nawab Shah	210 05	210 06	205 05	210 05	250 04	350 03	...	...	...
Nokkundi	...	...		...	...	...	...	...	...
Panjgur	...	...		...	...		...		...
Peshawar	...	100 06	025 03	340 03	275 05	305 05	315 08	330 06	315 07
Parachinar	...	...	...	160 02	150 04	275 19	285 11	295 06	290 17
Quetta	...			...	165 08	200 05	235 09	275 10	235 04
Sargodha	295 02	305 01	320 03	335 06	335 11	315 15	325 03	355 04	305 10
Skardu		...	...	...	...	320 07	005 01	075 08	050 06
Sylhet	080 15	085 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	220 24	220 25	220 26	265 19	325 15	305 14
Bogra	...	...	...		...	...
Chakiala	...	105 06	120 08	195 03	285 03	230 03
Chhor	255 20	250 14	235 15	215 09	170 09	095 09
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	
Cox's Bazar	...	...	...	...	...	...
Dacca	305 27	220 31	250 29	250 21	260 17	290 33
Dalbandin		...	235 01	255 05	235 12	285 20
D. I. Khan	110 04	105 03	085 03	300 03	295 03	285 03
Drosh	...	...	...	165 01	030 03	350 11
Fort Sandeman	...	...	...	235 06	215 18	295 14
Gilgit	...			275 02	180 02	240 08
Ishurdi	200 14	210 12	255 11	265 21	260 25	275 25
Jacobabad	170 04	160 05	170 12	295 08	300 07	290 08
Jessore	170 04	160 05	170 22	295 08	300 07	290 08
Jhelum						
Jiwani	255 07	280 11	250 12	260 10	330 07	280 10
Karachi	...	...	...	...	...	...
Khanpur	...	...	...			
Khuzdar	...	...	...	270 04	290 21	295 15
Lahore	290 06	305 10	320 10	320 10	320 05	285 05
Multan	155 08	165 08	195 04	230 06	225 07	320 05
Nawab Shah	255 03	270 07	315 08	360 04	015 04	350 11
Nokkundi	...	...	...	...	...	...
Panjgur	...					
Peshawar	...	355 14	025 05	140 03	180 02	270 06
Parachinar	...	...	...	270 10	125 04	
Quetta	...	...			295 04	215 08
Sargodha	275 06	285 07	/// /	285 07	240 06	335 07
Skardu					...	...
Sylhet	165 07	205 05	220 11	230 23	...	...
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	19	19	20	21	22	23	24	5	26	27
Barisal	...	...		...	...	...	...	...	...		...
Bogra	095 03	110 03	135 01								
Chakiala	...	135 03	060 04	325 06	315 05	320 10	300 03	225 10	205 21	...	...
Chhor	255 14	255 29	225 18	220 13	230 12	230 22	240 20	240 27	240 46	...	...
Chittagong	185 11	180 12	180 14	220 19	245 22	260 22	285 26	285 26	275 26	240 41	250 49
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar		...	...	...	...	...	...	...	...	...	...
Dacca	190 08	210 11	240 11	270 19							...
Dalbandin			080 07	075 10	080 07	110 04	180 14	230 17	230 15	265 19	...
D. I. Khan	115 02	170 09	170 13	155 11	155 11	185 05	190 05	185 05	110 03	210 11	305 18
Drosh		...		055 04	005 10	015 08	285 10	265 13	215 16	255 13	...
Fort Sandeman	...	...	...	255 05	210 10	175 08	140 03	165 04	195 10	215 15	245 23
Gilgit		...							...	...	...
Ishurdi	275 06	280 02	285 05	265 05	270 20	275 22	275 29	305 29	300 27	...	
Jacobabad	160 07	155 12	150 07	155 08	165 10	170 07	085 07	065 11	175 08	240 28	250 27
Jessore	220 19	250 18	250 13	270 08	300 12	290 21	...	...	...	...	...
Jhelum							...		...	...	...
Jiwani	170 06	285 06	275 09	280 09	265 06	310 09		...		...	
Karachi	270 13	215 12	285 13	275 14	285 12	165 06	090 16	160 10	210 15	240 24	256 58
Khanpur	235 05	245 06	245 08	220 05	200 02	345 03	325 05	310 08	315 01	...	...
Khuzdar		...		315 02	350 06	...		...		...	
Lahore	265 04	265 06	285 06	285 07	320 10	325 09	330 08	330 09	330 12	325 16	330 16
Multan	195 11	185 12	180 13	250 12	235 14	240 11	240 06	170 09	220 10	180 13	...
Nawab Shah	155 08	210 05	150 04	175 05	155 04	045 07	210 18	255 17	260 19	...	...
Nokkundi	...	...		...	...	...	...		...	...	...
Panjgur	...	...		...						...	...
Peshawar	...	040 02	360 03	145 03	190 05	230 08	235 02	220 13	235 15	...	...
Parachinar	...	...	...	265 06	130 08	210 13	220 08	/// //	210 14	...	...
Quetta	...	...			170 16	160 15	150 08	145 19	165 12	...	
Sargodha	240 04	230 07	245 06	145 03	130 01	275 04	015 08	200 08	215 18	200 19	240 21
Skardu			...			080 02	285 03	180 09	225 12	220 13	225 21
Sylhet	075 02	210 11	230 17	...	...	...	...	...	...	...	...
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 ...	285 24	270 25	270 26	270 24	235 17	080 10	080 08	125 26	230 04	265 18	280 18	270 41	265 46	...	...	...	...	...
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 (0 °C) even values indicate positive and odd values indicate negative temperatures.

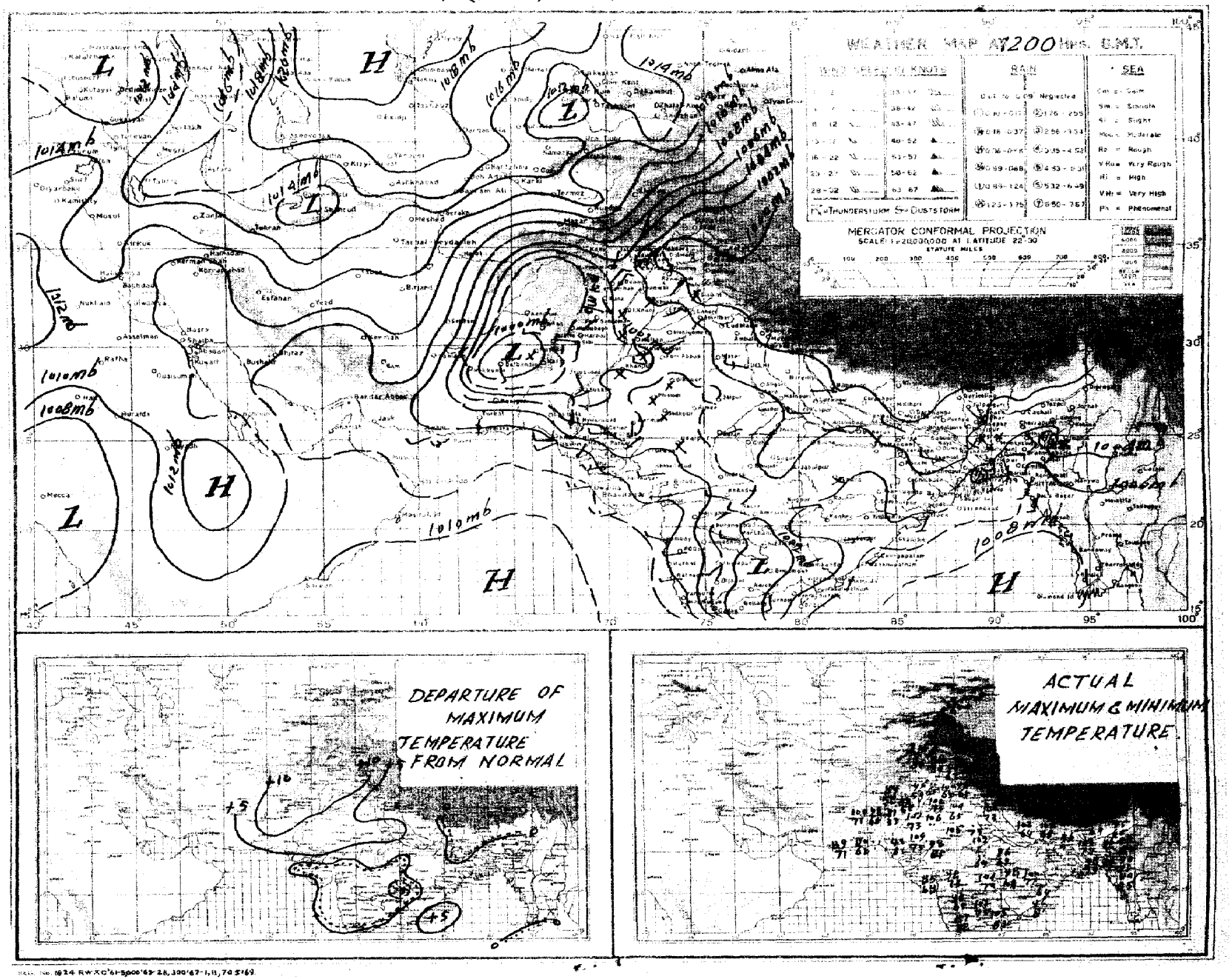
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind 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 [illegible] in this report [illegible] be guaranteed. Corrections obtainable if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

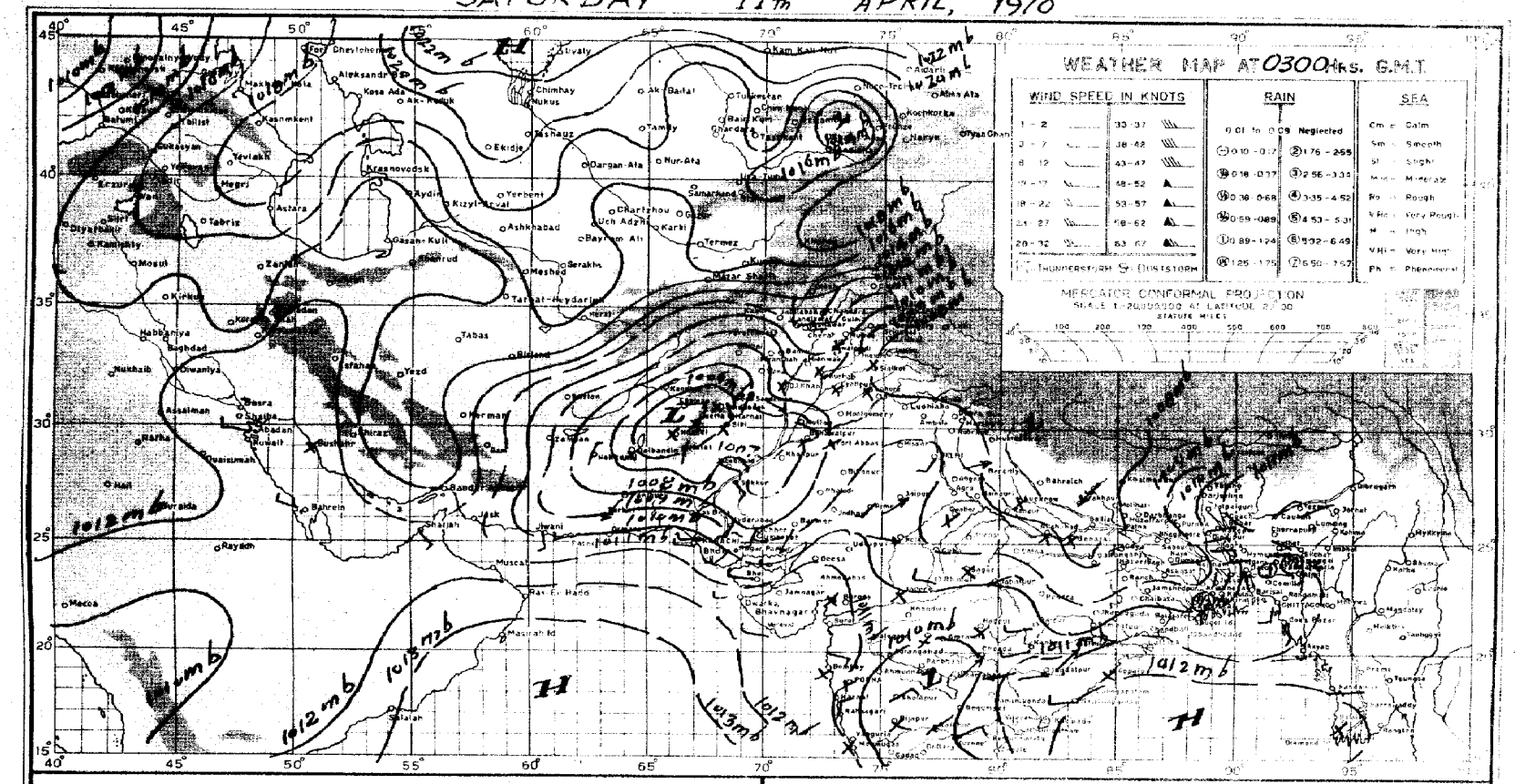
PAKISTAN DAILY WEATHER MAP

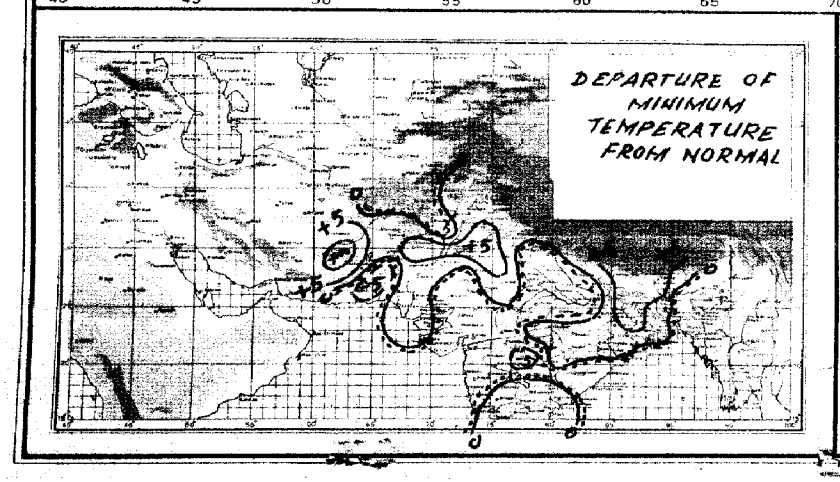
FRIDAY 10th APRIL 1970

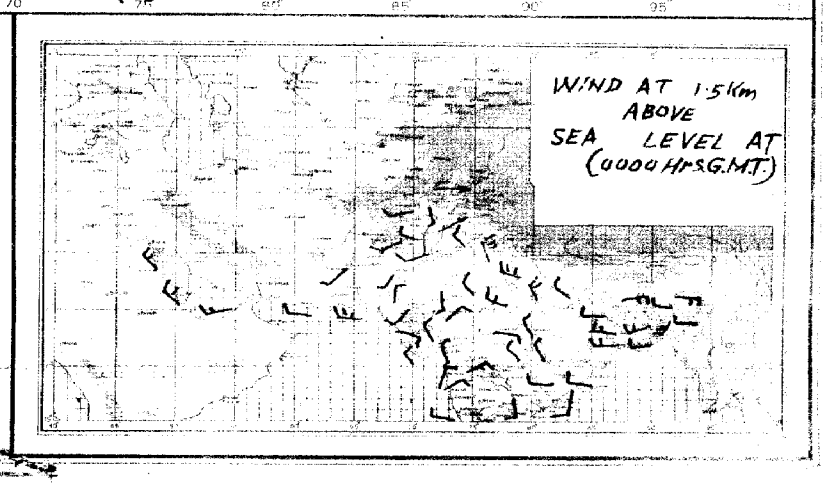


PAKISTAN DAILY WEATHER MAP

SATURDAY 11th APRIL, 1970







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Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SUNDAY THE 12th APRIL, 1970.

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

Yesterday's western disturbance over Kashmir and its secondary over Quetta and adjoining areas moved away eastwards. Yesterday's secondary western disturbance over Quetta and Kalat divisions now lies over Quetta division and neighbourhood. A few thunderstorms/light showers have occured in Peshawar division.

The trough of low pressure extends over Chotta Nagpur and adjoining West Bengal. Local rain/thundershowers have occurred in Chittagong division. scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are Pabna 1" (upto 1200 G.M.T.) Maijdee Court, Comilla, Sylhet and Srimangal ¼" each.

Day temperature were 3—8 °F (2—5 °C) below normal in Chittagong and Karachi divisions and 9—17 °F (5—9 °C) above normal in Rawalpindi, Sargodha, Multan, Malakand, Peshawar, D. I. Khan, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in Dacca, Khulna, Rajshahi and Khairpur divisions.

Forecast valid until the evening of 13th April, 1970 :—Local thunderstorms/showers with squally winds are likely to occur in Chittagong, Dacca, Rajshahi and Rawalpindi divisions. scattered in Khulna, Peshawar, D. I. Khan, Sargodha and Lahore divisions. A few dust/thunderstorms are also likely to occur in Quetta, Multan, Lahore and Hyderabad divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 12th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
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 (TdTd)	Maximum temperature (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	1	23	05	06	96	04	0	080	87	1	1	1	7	0	76	95
	Cox's Bazar	000	0	0	22	08	95	02	0	088	85	0	0	0	9	0	73	90
	Chittagong	000	0	6	18	08	96	03	2	089	85	2	5	4	0	2	76	90
	Maijdee Court	009	0	7	36	13	96	03	2	088	82	5	3	5	2	1	70	87
	Comilla	035	2	7	18	05	96	01	6	084	72	7	4	4	0	0	59	87
	Sylhet	000	0	6	18	07	96	12	9	088	76	6	3	5	0	0	59	91
	Brahmanbaria	000	0	8	09	05	96	17	9	073	77	4	6	5	8	0	78	88
	Srimangal	025	9	8	00	00	96	95	9	081	70	9	6	3	3	1	64	82
Dacca	Mymensingh																	
	Narayanganj	012	3	6	13	04	93	03	9	074	76	4	6	4	3	1	70	78
	Dacca (Tejgaon)	006	4	5	18	09	96	11	2	068	78	3	5	5	4	0	60	57
	Faridpur	005	2	2	20	02	97	01	6	059	82	2	5	6	0	0	68	01
Khulna	Barisal	000	0	7	05	07	96	01	3	086	80	6	3	4	2	8	63	86
	Khulna	000	0	0	00	07	06	00	0	070	90	0	0	9	0	0	77	96
	Satkhira	000	0	0	23	04	97	00	0	059	90	0	1	9	0	0	78	98
	Jessore	000	0	2	19	12	97	02	0	049	93	1	4	5	3	0	76	01
Rajshahi	Pabna	060	8	0	23	02	97	02	9	039	91	0	0	9	0	0	75	98
	Sirajganj	000	0	0	00	00	96	00	0	049	91	0	0	9	0	0	56	96
	Rajshahi	000	0	0	31	01	96	02	0	039	91	0	0	9	0	0	56	02
	Bogra	000	0	0	00	00	96	01	0	032	96	0	0	9	0	0	64	98
	Dinajpur	000	0	0	09	02	96	00	0	031	96	0	0	9	0	0	64	98
	Rangpur	000	0	0	00	00	96	00	0	054	87	0	0	9	0	0	77	00
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	31	03	97	02	0	057	00	0	0	9	0	1	43	00
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	23	05	97	02	0	045	96	0	0	9	0	0	63	02
	Islamabad																	
	Rawalpindi	000	0	7	27	02	98	02	2	056	93	0	0	9	0	0	51	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	18	10	98	00	0	056	98	0	0	9	0	0	63	05
	Sargodha	000	0	4	23	02	97	01	2	050	98	0	0	9	0	0	50	02
	Lyallpur	000	0	0	00	00	97	00	0	052	96	0	0	9	0	0	54	02
Multan	Sahiwal	000	0	6	23	07	97	02	1	051	02	2	0	9	0	4	41	07
	Multan																	
	Leiah																	
Bahawalpur	Khanpur	000	0	0	31	03	98	00	0	038	91	0	0	9	0	0	54	93
	Bahawalpur	000	0	0	00	00	96	00	0	///	04	0	0	9	0	0	64	04
	Fort Abbas	000	0	0	27	02	98	00	0	048	02	0	0	9	0	0	43	04
Malakand	Chakdara																	
Peshawar	Peshawar	000	0	7	27	03	93	98	9	075	85	5	0	6	7	0	49	96
	Hariपur																	
D. I. Khan	Bannu	000	0	5	05	02	98	03	2	048	95	2	2	2	6	0	58	98
	D. I. Khan	000	0	1	00	00	97	02	0	041	96	0	0	9	0	0	56	02
Quetta	Sibi	000	0	0	00	00	97	03	1	065	08	0	0	9	0	0	62	09
	Nokkundi	000	0	5	05	03	96	03	0	028	96	1	5	6	0	0	59	99
Kalat	Turbat	000	0	0	27	02	98	00	0	101	98	0	0	9	0	0	75	98
	Jiwani	000	0	7	23	07	96	02	2	096	82	4	6	5	3	0	75	85
	Pasni	000	0	7	25	06	97	02	0	099	84	4	3	9	0	0	75	86
Karachi Division	Ormara																	
	Lasbela	000	0	4	13	03	98	00	0	068	99	0	0	8	0	0	66	04
	Karachi (Manora)	000	0	4	27	08	97	02	0	091	81	4	6	4	0	0	75	93
	Karachi (Airport)	000	0	3	23	05	96	03	0	092	84	0	0	9	0	1	69	90
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	02	0	0	0	0	0	0	11
	Chhor	000	0	0	00	00	96	03	0	064	00	0	0	9	0	0	37	05
	Hyderabad	000	0	3	23	09	97	03	0	069	97	2	0	9	3	1	63	03
	Badin	000	0	0	23	10	97	02	0	078	00	0	0	9	0	0	51	02
Khairpur	Padidan	000	0	6	13	05	97	03	2	049	05	4	0	9	7	5	29	05
	Nawabshah	000	0	7	18	02	96	02	2	061	03	0	0	8	3	0	73	06
	Sukkur	000	0	6	13	03	95	03	2	028	04	6	0	9	0	0	63	05
	Kashmore	000	0	6	23	06	98	02	0	031	00	0	0	9	0	6	64	08
	Jacobabad	000	0	0	18	05	97	02	1	052	02	3	0	9	1	4	67	03
Lasbela	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Miagar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree																	
Malakand	Drosh	000	0	8	23	12	96	03	1	495	81	5	9	7	2	1	51	90
Peshawar	Chitral	000	0	8	29	09	98	03	0	521	78	0	0	9	0	0	50	90
	Kalam	000	0	6	23	09	98	03	2	502	85	0	0	9	0	3	28	86
	Landikotal	000	0	6	05	05	96	09	0	479	78	6	7	6	1	1	72	90
	Prachinar	007	6	6	13	03	98	17	9	511	72	4	3	6	3	0	64	76
D. I. Khan	Miranshah	000	0	4	05	05	96	03	0	494	87	4	0	9	0	0	40	73
	Wana	000	0	0	00	00	98	00	0	452	95	0	0	9	0	0	30	87
Quetta	Fort Sandeman	000	0	6	13	07	97	03	1	481	86	5	4	7	3	0	12	89
	Hindubagh	000	0	6	23	09	97	03	0	///	67	6	1	5	0	0	51	69
	Loralai	000	0	0	00	00	98	01	0	019	08	5	2	9	0	8	///	86
	Barkhan																	
	Harnai	000	0	0	13	02	96	02	0	482	93	0	0	9	0	0	49	96
	Samungli (Quetta)	000	0	6	27	10	97	03	0	500	78	6	4	9	0	2	41	83
	Chaman	000	0	0	23	03	96	02	0	518	87	0	0	9	0	0	41	89
	Nushki	000	0	5	00	00	97	03	0	525	96	0	0	9	0	2	59	55
	Dalbandin	000	0	4	18	03	95	05	4	493	92	4	0	9	2	0	57	95
Kalat	Kalat	000	0	0	05	01	97	00	0	481	73	0	0	9	0	0	24	80
	Khuzdar	000	0	0	00	00	97	01	2	492	87	4	5	6	0	0	30	89
	Panjgur	000	0	5	23	03	96	02	1	498	91	3	0	9	3	1	46	93

DIVISION	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)	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 (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	0	1	18	01	98	04	0	156	82	0	0	9	8	0	65	72	—	—	0.7	—	5.4	—
	Cox's Bazar	000	0	4	16	02	96	02	0	116	82	2	3	6	1	0	73	73	+ 1	—	—	—	—	140
	Chittagong	004	0	9	00	00	97	02	6	140	82	0	0	9	0	0	65	69	+ 1	— 4	0.5	— 1.0	0.9	105
	Maijdee Court	000	0	0	00	08	98	00	6	138	82	0	0	9	0	0	75	63	— 2	— 13	0.6	— 0.8	0.1	115
	Comilla	035	0	3	00	00	96	02	0	144	81	3	4	7	0	0	75	65	— 5	— 8	1.4	— 0.3	4.7	94
	Sylhet	000	0	0	00	00	97	00	0	144	84	0	0	9	0	0	68	69	—	—	—	—	—	78
	Brahmanbaria	000	0	0	00	00	96	00	9	144	81	1	1	6	0	0	62	68	—	—	3.0	—	9.4	—
	Srimangal	010	9	0	00	00	96	00	9	119	85	0	0	9	0	0	72	78	—	+ 10	1.8	— 1.9	6.9	98
Dacca	Mymensingh																		— 15					91
	Narayanganj																							74
	Dacca (Tejgaon)	006	0	1	09	02	97	02	0	142	82	1	0	9	4	0	62	69	—	—	0.6	—	3.0	—
	Faridpur																		—					71
Khulna	Barisal	000	0	4	18	03	97	02	1	136	84	4	4	4	0	0	75	75	—	0	0.7	— 0.4	2.0	81
	Khulna																		+ 3					68
	Satkhira	000	0	6	18	04	96	00	0	153	77	2	3	9	0	0	73	75	+ 2	0	1.5	+ 0.9	5.1	65
	Jessore	000	0	5	09	05	96	01	2	133	82	5	6	3	0	0	77	75	—	—	2.0	+ 2.4	6.9	65
Rajshahi	Pabna	000	0	0	13	05	97	02	1	138	84	0	0	9	0	0	73	73	—	—	0.8	—	3.9	59
	Sirajganj	000	0	0	09	02	97	02	2	141	79	6	0	7	1	0	64	73	—	+ 2	0.1	— 0.9	2.1	64
	Rajshahi	000	0	6	09	09	96	02	2	141	82	6	5	5	0	0	73	75	+ 5	+ 2	0.0	— 0.4	2.0	—
	Bogra	000	0	4	09	03	96	01	2	140	82	2	5	5	3	7	62	75	+ 1	+ 4	0.0	— 0.9	1.5	69
	Dinajpur	000	0	0	00	00	96	02	1	115	75	7	0	9	4	1	64	//	+ 3	—	0.0	— 0.5	1.0	73
	Rangpur	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 8					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	18	02	96	05	0	096	79	0	0	9	0	2	43	73	0	+ 11	0.0	— 0.3	2.0	19
	Sialkot																							33
Rawalpindi	Jhelum	000	0	4	13	01	97	02	0	088	81	0	0	9	0	2	60	65	—	—	0.0	—	5.4	—
	Islamabad	000	0	5	13	06	96	02	3	077	84	1	2	9	3	0	41	73	—	—	0.0	—	6.9	—
	Rawalpindi	000	0	3	05	02	98	00	0	093	77	0	0	9	0	4	51	65	+ 12	+ 6	0.0	— 1.0	8.5	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	076	82	0	0	9	0	0	68	69	+ 14	+ 2	0.0	— 0.4	1.8	15
	Sargodha	000	0	5	09	02	96	04	0	091	81	0	0	9	0	7	54	65	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	29	02	96	00	0	073	47	0	0	9	0	0	62	69	+ 9	+ 5	0.0	— 0.3	1.2	13
Multan	Sahiwal	000	0	4	00	00	97	03	2	082	84	1	5	6	3	1	59	75	+ 12	+ 9	0.0	— 0.1	0.8	18
	Multan	000	0	0	36	03	98	00	0	075	77	0	0	9	0	0	64	75	—	—	0.0	—	0.0	7
	Leiah																		— 6					8
Bahawalpur	Khanpur	000	0	0	00	00	91	00	0	086	87	0	0	9	0	0	69	69	+ 7	+ 4	0.0	— 0.1	0.4	6
	Bahawalpur	000	0	0	27	02	98	00	0	083	82	0	0	9	0	0	47	65	—	—	0.0	—	0.1	6
	Fort Abbas	000	0	4	09	09	98	01	2	109	73	0	0	9	0	9	54	62	—	—	0.0	—	6.4	8
Malakand	Chakdara																							—
Peshawar	Peshawar	000	0	5	18	04	98	01	2	112	79	1	0	9	3	1	62	69	+ 12	+ 9	0.0	— 0.8	3.3	11
	Hariपur	000	0	0	05	03	98	00	0	081	81	0	0	9	0	0	50	62	—	—	0.0	—	7.4	—
D. I. Khan	Bannu																							11
	D. I. Khan																		+ 11					9
Quetta	Sibi	000	0	6	13	03	97	03	1	104	76	0	6	9	4	2	58	71	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	00	00	97	02	0	096	79	0	0	9	0	0	58	74	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	23	02	98	00	0	135	74	0	0	3	0	0	13	72	—	—	0.0	—	0.7	—
	Jiwani	000	0	5	27	02	96	01	2	110	77	2	6	4	0	0	73	73	—	—	0.0	—	8.3	8
	Pasni	000	0	0	00	00	95	00	4	097	73	4	0	9	0	0	73	63	— 2	— 3	0.0	— 0.3	2.5	6
Karachi Division	Ormara																							—
	Lasbela	000	0	3	27	10	96	06	0	114	79	3	6	6	0	0	73	//	—	—	0.0	—	0.0	6
	Karachi (Manora)	000	0	4	00	10	98	00	0	113	75	0	0	8	0	0	70	73	—	—	0.0	—	0.0	8
	Karachi (Airport)	000	0	6	27	05	96	03	1	100	78	0	0	9	0	4	72	75	— 3	+ 2	0.0	— 0.1	1.4	8
Hyderabad	Nagarparkar	000	0	3	00	00	96	03	0	100	76	0	0	9	0	0	70	72	—	—	0.0	—	3.0	—
	Chhor	000	0	0	00	00	97	02	0	121	81	0	6	6	0	0	80	81	—	—	0.0	—	—	—
	Hyderabad	000	0	0	23	09	96	01	0	094	75	0	0	9	0	0	64	70	—	—	0.0	—	3.5	7
	Badin	000	0	0	23	05	97	02	0	095	76	1	0	9	3	0	68	72	+ 2	+ 1	0.0	0.0	1.1	9
Khairpur	Padidan	000	0	0	23	05	97	02	0	107	75	0	0	9	0	0	70	73	+ 2	+ 1	0.0	0.0	0.1	—
	Nawabshah	000	0	3	13	05	97	03	1	094	77	2	0	9	7	0	59	70	—	—	0.0	—	0.9	—
	Sukkur	000	0	3	13	05	96	03	0	084	73	0	0	9	0	2	65	69	—	—	0.0	—	0.4	4
	Kashmore	000	0	0	13	03	95	05	4	085	84	0	0	9	0	0	65	77	—	—	0.0	—	0.9	—
	Jacobabad	000	0	0	00	00	98	02	2	071	84	0	0	9	0	0	59	68	—	—	0.0	—	0.0	4
Lasbela	Veraval	000	0	1	09	02	96	03	0	085	81	1	0	9	3	0	54	73	+ 4	+ 3	0.0	— 0.1	2.1	20
HILL STATIONS																								36
Kashmir	Srinagar																							—
	Gulmarg																							71
	Sonamarg																							50
	Dras																							3
	Leh																							6
	Skardu																							—
	Miagar																							—
	Aliabad																							5
	Gilgit																							59
Rawalpindi	Murree																							18
Malakand	Drosh	000	0	2	00	00	98	01	1	583	64	1	1	7	3	0	43	60	+ 22	+ 14	—	—	—	29
Peshawar	Chitral	000	0	0	36	00	98	01	2	517	69	0	0	9	6	0	46	65	+ 27	+ 9	—	—	—	—
	Kalam	000	0	3	34	02	99	01	0	524	73	0	0	9	3	2	35	60	—	—	0.0	—	1.4	—
	Landikotal	000	0	4	36	02	98	01	0	503	73	4	3	9	0	0	51	58	—	—	0.0	—	3.7	29
	Prachinar	000	0	0	00	02	98	00	0	481	62	0	0	9	0	0	47	56	+ 9	+ 10	0.0	—	5.7	13
D. I. Khan	Miranshah																							11
	Wana																							13
Quetta	Fort Sandeman	000	0	0	00	00	98	00	0	481	62	0	0	9	0	0	47	56	—	—	—	—	—	—
	Hindubagh	000	0	0	23	03	97	02	0	506	68	0	0	9	3	0	35	63	+ 12	+ 11	0.0	— 0.6	2.8	—
	Loralai	000	0	0	00	00	97	02	0	///	39	0	0	9	0	0	35	42	—	—	0.0	—	1.6	9
	Barkhan	000	0	0	09	03	97	00	0	485	60	0	0	9	0	0	39	53	—	—	0.0	—	2.1	—
	Harnai																							14
	Samungli (Quetta)	000	0	0	23	02	96	02	0	447	76	0	0	9	0	0	45	70	—	—	0.0	— 0.5	3.8	9
	Chaman	000	0	0	23	03	97	01	1	528	58	0	0	9	1	4	45	46	—	—	0.0	— 0.5	2.9	9
	Nushki	000	0	6	27	03	97	00	0	520	81	0	0	9	0	0	57	63	+ 11	+ 7	0.0	— 0.2	3.7	—
	Dalbandin	000	0	5	07	03	97	01	0	553	75	0	0	9	0	0	36	70	—	—	0.0	—	3.5	4
Kalat	Kalat	000	0	7	00	00	95	05	1	511	70	0	0	9	1	0	39	//	+ 10	—	0.0	— 0.1	3.3	7
	Khuzdar	000	0	0	16	02	98	00	2	523	59	0	0	9	0	0	27	32	+ 9	— 11	0.0	— 0.3	3.0	—
	Panjgur	000	0	0	00	00	96	03	0	499	73	5	0	9	3	1	41	70	—	—	0.0	—	2.6	5
		000	0	0	05	02	96	02	0	495	64	0	0	9	0	0	49	58	+ 11	+ 2	0.0	—	0.0	—

† Given in Code.

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

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

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

When over 000 is given 000 see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th APRIL, 1970.

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
ARABAIN SEA														
Almoria	99 2 12	10 6 19	11 0 04	32 4 13	98 0 30	08 2 78	11 2 00	34 4 00			05 2 76	18 1 22	30 2 02	17 8 03
Almahroosa	99 2 02	10 6 20	11 0 03	61 8 10	98 0 12	10 2 81	63 5 //	34 4 00			00 1 21	...	30 5 02	
Almahroosa	99 1 95	10 6 35	11 0 63	72 3 11	99 0 32	13 9 81	32 4 35	33 1 15			00 1 23	..	30 5 03	22 6 06
Dumra	99 2 43	10 6 36	11 0 63	12 5 12	98 0 10	12 5 79	10 9 40	53 2 10			05 2 25	...	30 2 02	25 2 10
Apmharosa	99 1 86	10 6 34	11 1 23	62 1 09	99 0 22	02 1 82	34 2 43	33 4 00			00 2 22	...	30 5 02	...
Dumra	99 2 40	10 6 09	11 1 83	22 4 31	...		...	...			...	...		...
Allmahrosa	99 1 78	10 6 41	11 1 83	59 9 02	98 0 11	94 1 81	35 4 00	33 4 00			05 1 02	...	30 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	011 272 15	...	525 146 50	126 014 50	576 125 58	743 235 56	397 185 50	217 525 //	398 625 //	...	—	...	...
Dacca —	00 00	011 230 20	...	470 192 //	115 030 //	576 125 //	743 227 //	947 381 95	219 501 //	403 603 //	...	—	...	—
Gilgit ...														
Jiwani —														
Karachi —	00 00	006 280 42	...	450 190 57	122 080 //	582 061 //	965 271 //	...	...	...	...	—	...	...
Multan —	00 00	998 220 66	...	500 274 58	235 220 40	606 034 //	784 055 //	993 225 //	295 315 //	...	...	...	...	...
Peshawar —	00 00	970 254 61	...	440 246 66	094 245 29	581 025 //	750 213 //	956 363 //	226 557 //	...	...	...	...	...
Quetta —	00 00	MISDA	—							...	...	—	...	—
Sargodha —	00 00	995 245 01	..	500 230 61	/// /// //	594 105 //	762 185 //	972 301 //	244 111 //	...	—	—	...	...

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	...			...	...	..	...	—	..	—	—	—
Dacca ...	00 00	900 218 //	820 130 //	600 041 //	350 305 //	...	...	—	...	...	...	...	..
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	055 25	055 24	065 27	...				...	—
Bogra	310 08	250 99	295 03	288 21	265 22	265 28	260 39	...	...
Chakiala	...	285 09	275 10	200 11	200 06	090 03	160 15	270 15	140 11
Chhor	220 17	230 16	220 15	220 16	215 20	220 18	195 27	170 22	185 26
Chittagong	180 10	225 11	235 17	260 14	290 12	285 10	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	210 09	210 10	210 13	225 12	245 12	275 12	280 12	245 14	265 08
Dacca	125 21	155 08	235 06	280 15	290 15	...	...	...	...
Dalbandin	...	...	055 02	055 06	065 08	120 03	...	...	
D. I. Khan	190 09	180 12	190 07	190 07	195 09	200 15	175 10	195 10	210 08
Drosh	...	...	...	...	...				
Fort Sandeman	—	...	...	215 06	200 16	185 24	220 17	030 12	185 16
Gilgit	...						...	...	...
Ishurdi	280 12	288 15	275 16	205 21	285 20	300 37		...	...
Jacobabad	160 12	165 12	165 12	160 11	170 08	248 03	060 02	...	...
Jessore	210 15	215 21	250 18	215 01	215 15	330 05	213 23	...	330 21
Jhelum	205 06	205 08	210 08	295 14	290 13	315 17	075 09	195 11	245 35
Jiwani	195 10	205 08	255 08	...	...	...	...	...	...
Karachi	255 14	255 10	250 08	235 06	120 03	085 08	245 12	245 17	255 22
Khanpur	210 05	220 10	225 09	230 20	235 25	240 05	...	...	—
Khuzdar	...	...	...	030 04	110 03	105 02			
Lahore	305 04	295 07	290 08	280 07	280 07	285 07	320 13	315 17	265 04
Multan	200 11	200 12	200 15	200 12	195 09	090 03	205 08	270 15	275 14
Nawab Shah	210 09	205 09	205 07	205 03	105 02	060 04	265 18	270 18	265 40
Nokkundi	...	...	025 05	055 09	120 09	145 01	175 01	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	—	225 06	230 12	275 02	280 10	295 25	—	...	...
Parachinar	...	...	...	140 09	125 14	...	...	...	...
Quetta	...	...	...	...	240 10	155 01	125 06	150 08	...
Sargodha	—	...	...	...	...	...	...	—	...
Skardu	...	...	...	...	...	—	...	...	...
Sylhet	095 13	085 03	275 07	/// //	210 20	...	...	...	—
Veraval	...	—	...	...	...	—	—	—	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	—	...	...	...	..	..
Bogra	105 13	120 12	120 09	...	...	...
Chakiala	...	350 15	310 19	335 24	275 10	270 09
Chhor	250 26	265 28	245 28	250 26	200 16	265 38
Chittagong	070 07	125 09	215 05	...	...	...
Cherat	...					
Cox's Bazar	075 06	200 06	200 07	195 07	018 05	281 01
Dacca	120 15	120 13	190 07			
Dalbandin			085 13	070 20	070 16	182 01
D. I. Khan	070 12	060 04	275 06	285 03	350 07	220 01
Drosh	...	...	...	...	305 05	350 05
Fort Sandeman	...	—	—	215 05	300 04	295 08
Gilgit	...	—	...	195 02	160 05	185 03
Ishurdi	120 13	...	...			
Jacobabad	175 17	175 18	185 19	205 12	330 08	275 09
Jessore	115 07	180 05	210 10	...		
Jhelum	360 08	310 05	280 05	280 27	270 07	260 11
Jiwani	255 11	270 11	...	—	...	—
Karachi	...	...	...	...		...
Khanpur	280 06	200 04	200 03	180 04	205 08	230 04
Khuzdar	...	...	...	285 07	330 09	030 09
Lahore	040 07	300 04	285 04	305 08	310 08	300 08
Multan	205 15	205 13	201 11	250 08	220 09	200 05
Nawab Shah	240 18	245 12	230 20	020 03	028 07	035 16
Nokkundi	...	—	—	...		...
Panjgur	...	...	...	240 08	225 10	275 13
Peshawar	...	255 06	250 10	330 08	330 07	255 14
Parachinar	...	...	...	030 04	010 03	
Quetta	...	...		...	200 10	220 15
Sargodha	091 27	089 07	124 59	180 03	240 11	270 12
Skardu	...	...	...	260 40	108 52	050 11
Sylhet	100 18	105 10	135 05	255 03	335 04	015 10
Veraval	...	—	...	—	—	—

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	185 02	185 04	190 05	195 07			...	.	...		...
Bogra	103 06	105 06	130 56	180 05	310 25	185 08	...	...	...	...	—
Chakiala	...	..		...	...	...	...	—	..	..	...
Chhor	275 02	300 13	205 19	210 24	053 06	205 29	...		...		...
Chittagong	175 06	160 06	130 25	275 03	290 09	275 16	310 20	325 15	300 23	335 33	295 23
Cherat	...			...	..	...	—	...	...	...	—
Cox's Bazar	275 12	275 15	285 02	...	..	—	...	...	...	...	...
Dacca	200 01	200 03	190 02	190 06	250 08	...		.	...		.
Dalbandin			080 03	060 12	075 08	090 04	110 06				...
D. I. Khan	050 06	050 11	050 15	075 19	005 15	025 17	315 05	210 07	195 03	220 13	345 18
Drosh	.	..	...	...	.	...	...			...	...
Fort Sandeman	—	—	..	060 01	045 02	060 09	280 10	305 17	315 24	—	..
Gilgit							..		...	...	...
Ishurdi	130 04	145 04	130 06	215 05	235 03	035 12	..	.		...	...
Jacobabad	165 13	135 06	130 10	110 12	305 09	090 10	040 14	260 11	255 75	230 26	—
Jessore	021 50	201 06	225 07	250 10	270 05	330 13	360 10	...	...	.	...
Jhelum	..		...	...		—	—		...	...	...
Jiwani	260 08	295 12	295 15	315 18	320 14	360 14		...	.	...	...
Karachi	275 11	295 11	305 10	020 05	020 08	055 07	060 05	..	...		...
Khanpur	285 08	275 10	270 12	270 15	205 14	235 12	200 19	190 23	190 25	180 27	185 23
Khuzdar	...			355 05	055 05	065 06	195 07	240 13	220 23	235 23	260 47,
Lahore	285 07	265 08	265 08	270 06	285 05	265 08	280 11	255 15			
Multan	295 04	220 07	215 13	195 12	200 09	175 13	180 11	130 12	195 07	210 09	200 18
Nawab Shah	190 08	210 05	050 02	340 06	015 05	160 08	240 11	250 10	...	—	...
Nokkundi	...	...	...	...	...	...	..	...	...	...	...
Panjgur	...	...	...	350 07	360 11	355 12	055 09	070 08	050 15	045 20	—
Peshawar	..	360 01	295 05	295 04	305 06	245 15	230 17	225 19	225 18	245 21	240 25
Parachinar	—	—	—	...				—	...	—	...
Quetta	...				285 05	275 08	260 14	...	...	...	
Sargodha	120 06	115 09	130 09	210 10	235 11	240 10	295 06	320 05	250 15	205 01	270 32
Skardu	...	...		...	...	—	...	...	—	—	...
Sylhet	100 09	120 07	110 05	067 25	107 25	185 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	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 —																		
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.

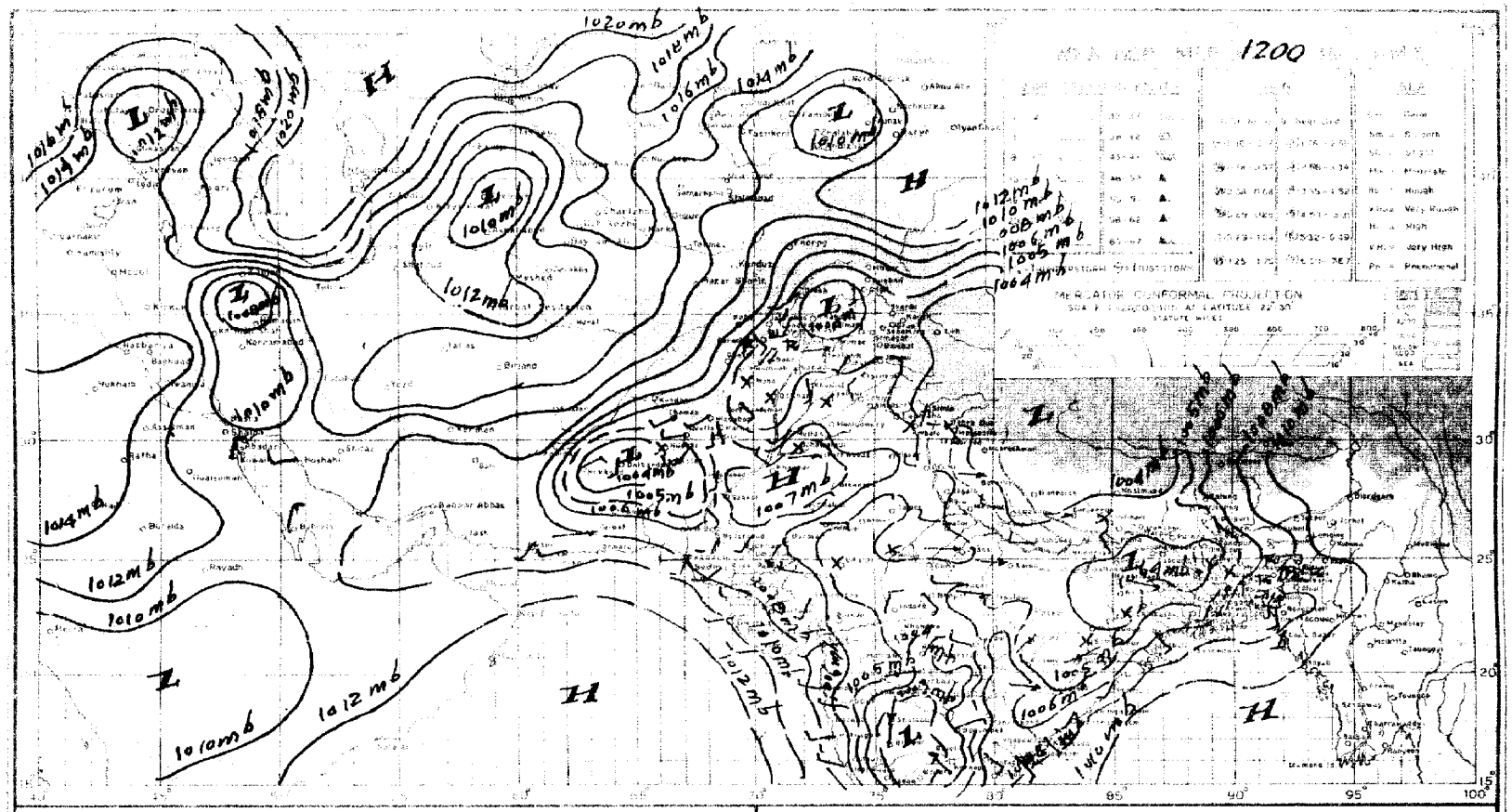
† The actual time of observations may vary within half an hour of the specified time.

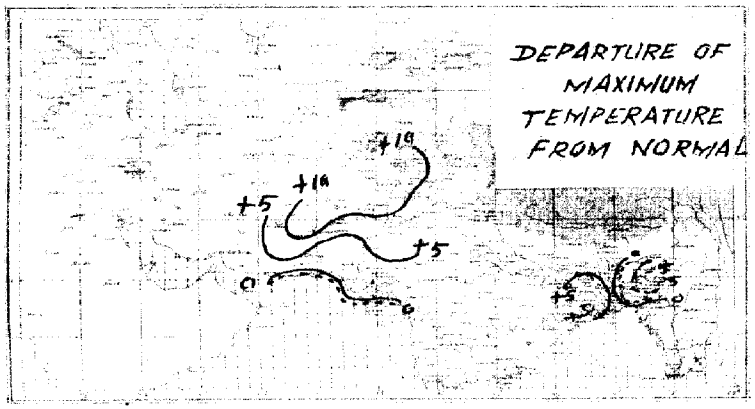
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

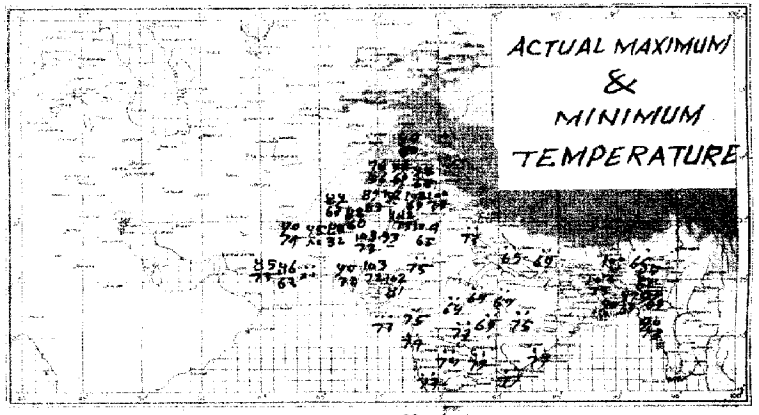
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port, KARACHI—1)

PAKISTAN DAILY WEATHER MAP

SATURDAY 11th APRIL, 1970.

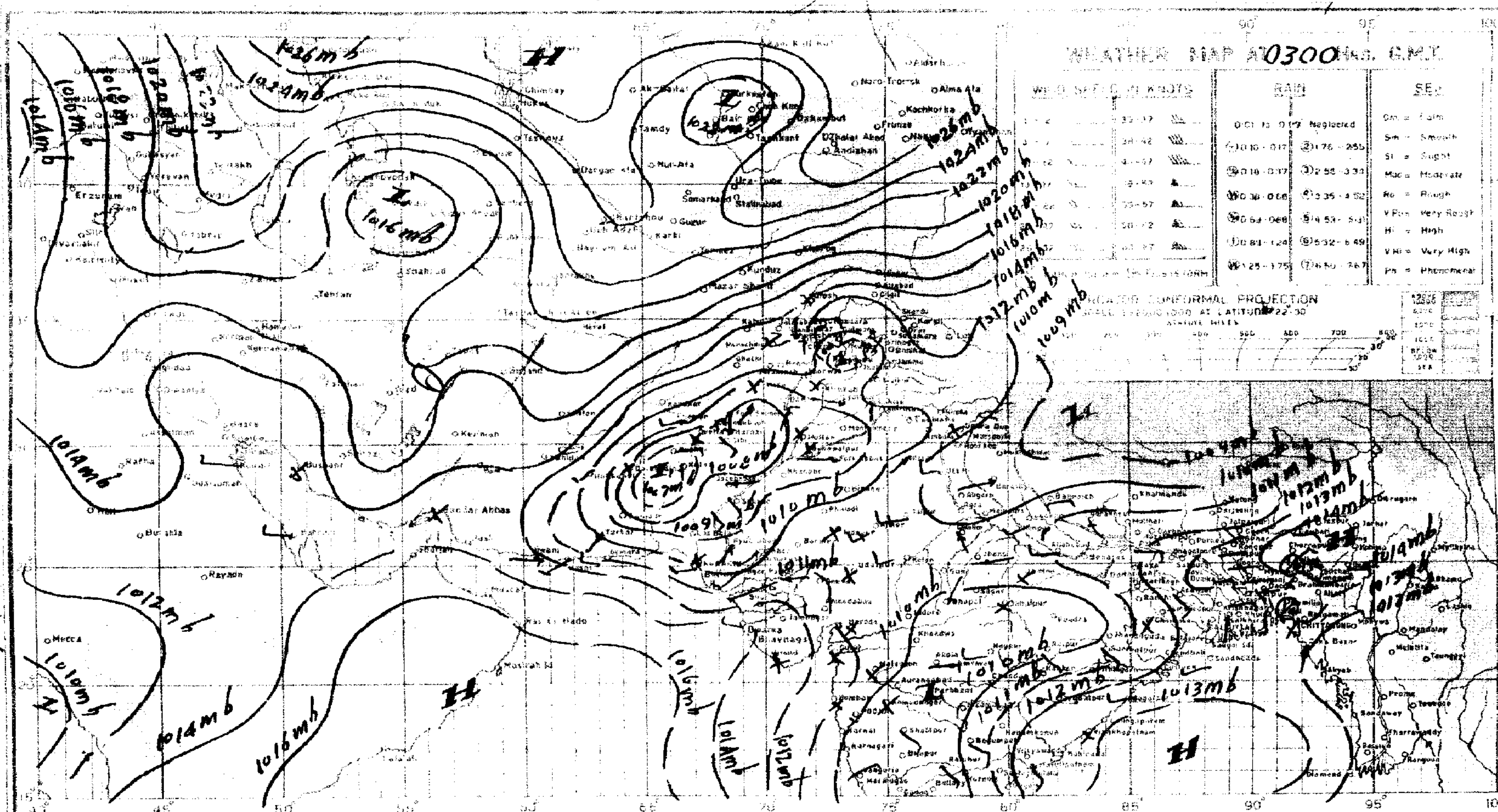


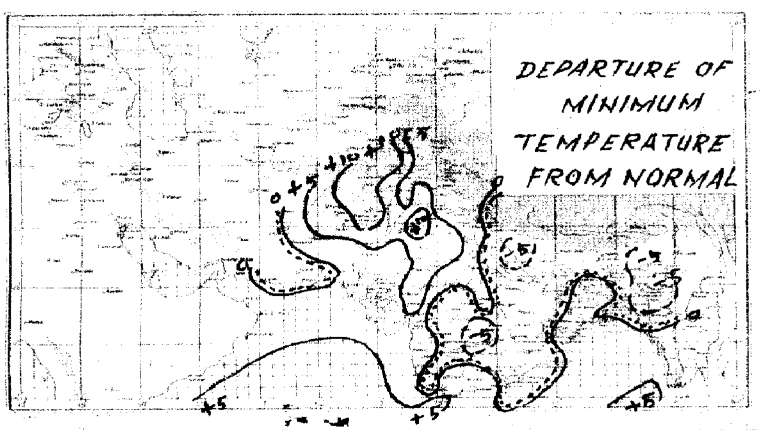


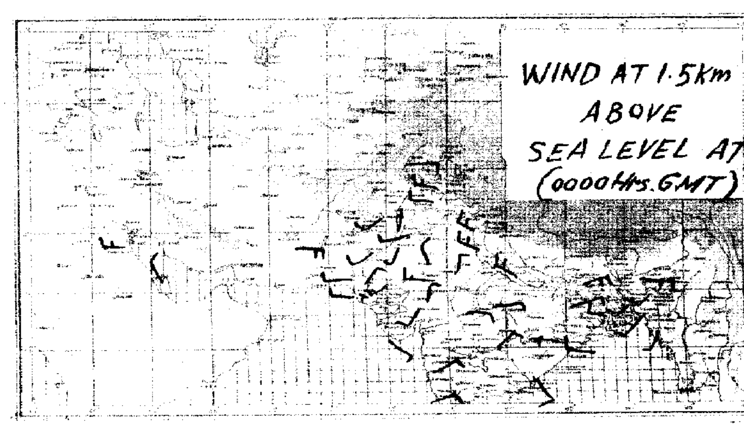


PAKISTAN DAILY WEATHER MAP

SUNDAY 12th APRIL, 1970.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

MONDAY THE 13th APRIL, 1970.

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

Yesterday's secondary western disturbance over Quetta division and neighbourhood now lies over D. I. Khan division and adjoining areas.

Scattered rain/thundershowers have occurred in Peshawar division. A few falls of light rain/drizzle have also occured in Sargodha division Landikotal and Rawalpindi each recorded ¼" of rainfall.

The trough of low pressure over Chota Nagpur and adjoining West Bengal persists.

Weather remained dry in East Pakistan.

Day temperature these were 2—3 °F (2 °C) below normal in Dacca, Rajshahi Karachi and Hyderabad divisions and 8—15 °F (4—8 °C) above normal in Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar, D. I. Khan, Quetta and Kalat divisions and 3—5 °F (2—3 °C) so in Chittagong, Khulna, and Khairpur divisions.

Forecast valid until the evening of 14th April, 1970 :—Scattered thunderstorms/showers are likely to occur in East Pakistan and in D. I. Khan, Peshawar, Rawalpindi, Lahore and Sargodha divisions and in Khulna. A few dust/thunderstorms are also likely in Quetta, Multan, Hyderabad and Khairpur divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 13th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
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 amounts 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	0	23	05	96	04	0	105	91	0	0	9	0	0	72	96
	Cox's Bazar	000	0	2	28	05	56	03	0	113	85	2	0	9	2	0	76	91
	Chittagong	000	0	0	27	08	96	01	0	108	86	0	0	9	0	0	76	91
	Maijdee Court	000	0	5	18	05	97	03	0	098	82	3	2	5	2	0	72	92
	Comilla	000	0	0	00	00	96	02	0	106	90	0	0	9	0	0	78	92
	Brahmanbaria	000	0	2	00	00	97	03	1	104	90	0	8	9	0	1	73	91
	Sylhet	000	0	2	09	82	96	02	0	099	87	3	0	9	3	0	72	89
	Srimangal	...	...	...	—	...	...	...	...	...	...	...	...	...	—	...	...	...
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	0	09	02	96	02	0	105	87	0	0	9	0	0	80	90
	Dacca (Tezgaon)	000	0	4	13	02	97	02	0	100	87	1	1	6	0	1	72	92
	Faridpur	000	0	2	20	09	97	02	2	066	90	2	5	6	0	0	75	93
Khulna	Barisal	000	0	2	03	03	97	02	0	070	91	2	2	5	0	0	77	98
	Khulna	000	0	4	19	04	96	02	1	044	90	2	1	9	2	0	76	98
	Satkhira	000	0	5	14	09	97	03	0	088	91	3	3	9	0	7	73	96
	Jessore																	
Rajshahi	Pabna	000	0	1	05	02	97	01	1	085	93	1	2	6	0	0	72	95
	Sirajganj	000	0	3	00	00	96	01	1	092	91	3	1	6	0	0	70	93
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	4	09	02	96	02	1	088	91	4	4	5	0	0	67	95
	Dinajpur	000	0	0	09	02	96	00	0	091	91	0	0	9	0	0	64	95
	Rangpur	000	0	4	00	00	96	03	0	099	87	4	0	9	0	0	77	101
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	22	02	97	03	1	045	100	1	0	9	2	6	50	102
	Sialkot	000	0	5	23	05	97	03	1	056	96	3	9	6	0	2	59	102
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi	000	0	2	00	00	98	00	0	053	96	0	0	9	4	0	54	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	18	11	98	00	0	056	100	0	0	9	0	0	63	105
	Sargodha	000	0	4	23	03	97	03	2	056	90	0	0	9	0	1	50	100
	Lyallpur	000	0	0	29	02	97	00	0	063	93	0	0	9	0	0	59	98
Multan	Sahiwal	000	0	6	23	07	97	02	2	050	104	1	1	7	3	4	43	105
	Multan	000	0	0	36	02	95	00	0	049	96	0	0	9	0	0	67	96
	Leiah																	
Bahawalpur	Khanpur	000	0	4	18	05	97	02	0	063	102	2	0	9	2	:	40	105
	Bahawalpur	000	0	0	00	00	96	00	0	068	102	0	0	9	0	0	63	105
	Fort Abbas	000	0	0	08	00	98	00	0	055	104	0	0	9	0	0	34	105
Malakand	Chakdra	000	0	7	27	07	97	02	1	041	90	7	8	9	2	0	63	91
Peshawar	Peshawar	000	0	7	29	07	97	17	9	074	87	5	9	6	2	0	43	95
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	7	27	02	98	04	2	077	87	5	2	7	4	0	43	98
	D. I. Khan	000	0	6	00	00	97	01	0	054	98	0	0	9	8	1	72	101
Quetta	Sibi	000	0	2	18	03	97	03	0	052	108	0	0	9	2	0	56	109
	Nokkundi	000	0	6	23	07	96	02	2	052	93	6	5	5	0	0	59	96
Kalat	Turbat	000	0	0	27	02	98	02	0	100	100	0	0	9	0	0	48	100
	Jiwani	000	0	4	23	10	96	02	1	089	84	3	5	5	3	0	69	86
	Pasni	000	0	4	25	18	97	02	0	099	81	4	0	9	2	0	76	86
Karachi division	Ormara	000	0	6	27	16	96	02	2	085	80	6	0	9	2	0	76	82
	Lasbela	000	0	4	18	03	98	00	0	068	94	0	0	9	0	0	69	98
	Karachi (Manora)	000	0	6	27	07	97	03	1	080	81	0	0	9	0	4	75	94
	Karachi (Airport)	000	0	6	23	05	96	03	2	082	82	2	6	5	2	1	72	90
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	102	0	0	9	0	0	02	102
	Chhor	000	0	6	23	05	96	03	6	066	99	4	0	9	3	0	52	101
	Hyderabad	000	0	7	23	09	97	03	2	073	95	4	0	9	3	1	70	98
	Badin	000	0	4	23	08	97	03	0	082	97	0	0	9	0	0	56	101
Khairpur	Padidan	000	0	6	13	03	96	03	1	060	99	6	0	9	2	0	50	102
	Nawabshah	000	0	7	13	09	97	02	2	066	98	0	0	9	0	4	57	100
	Sukkur	000	0	0	23	03	95	05	0	056	102	0	0	9	0	0	57	104
	Kashmore	000	0	0	00	00	97	02	0	050	107	0	0	9	0	0	64	109
	Jacobabad	000	0	6	16	05	97	02	0	045	103	0	0	9	0	4	41	105
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	7	23	03	97	02	2	403	82	5	8	7	7	0	32	87
Peshawar	Cherat *	000	0	8	00	00	98	03	2	506	77	0	0	9	6	0	50	87
	Kakul *	000	0	6	31	03	99	03	2	512	87	3	4	5	0	5	36	87
	Landikotal *	000	0	8	05	05	98	03	0	488	80	8	7	6	0	0	67	87
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	466	87	0	0	9	0	0	60	90
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	7	31	09	97	02	2	483	81	6	4	7	2	0	37	85
	Hindubagh *	000	0	8	23	07	97	03	0	///	68	8	2	5	0	0	31	70
	Loralai *	000	0	6	27	04	97	02	0	485	83	0	0	9	0	6	51	86
	Barkhan *																	
	Harnai *	000	0	9	23	12	96	03	0	481	91	0	0	9	0	9	52	94
	Samungli (Quetta) *	000	0	7	31	12	96	03	1	508	79	7	5	5	2	0	29	82
	Chaman *	000	0	0	27	03	95	00	0	536	85	0	0	9	0	0	54	90
	Nushki *	—	...	—	...	...	...	...	...		...	...	...	...	...	...	..	...
	Dalbandin *	000	0	8	13	02	95	05	0	510	91	0	0	9	3	0	30	93
Kalat	Kalat *	000	0	2	31	03	97	02	0	549	91	0	0	9	0	1	58	96
	Khuzdar *	000	0	6	05	12	97	03	1	481	82	6	5	6	0	0	38	90
	Panjgur *	000	0	5	00	00	96	03	2	490	93	2	5	9	3	2	49	97

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

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in 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	0	1	18	02	98	04	4	150	87	1	2	7	0	0	77	73
Cox's Bazar	000	0	0	36	06	95	01	0	140	84	0	0	9	0	0	73	//
Chittagong	000	0	0	00	00	97	02	0	140	84	0	0	9	0	0	77	79
Maijdee Court	000	0	3	16	02	97	02	0	143	84	3	2	5	2	4	//	73
Comilla	000	0	0	00	00	97	02	0	129	84	0	0	9	0	0	56	77
Brahmanbaria	000	0	0	21	02	97	00	0	140	84	0	0	9	0	0	77	75
Sylhet	000	0	1	09	05	96	02	0	138	81	0	0	9	0	1	62	65
Srimangal	000	0	0	00	00	96	00	0	133	84	0	0	9	0	0	73	76
Mymensingh	000	0	5	00	00	96	02	1	///	82	5	5	5	0	0	65	//
Narayanganj	000	0	6	13	02	97	02	0	147	84	4	6	4	3	1	79	77
Dacca (Tezgaon)	000	0	6	27	02	96	03	2	141	82	6	5	4	0	0	75	77
Faridpur	000	0	0	34	02	97	00	0	127	87	0	8	9		0	77	75
Barisal	..	—	...	—	...	...	...	..	...	...	..			..	..	.	...
Khulna	...	...	...														
Satkhira	000	0	0	21	05	97	02	0	131	84	0	0	9	0	0	75	75
Jessore																	
Pabna	000	0	0	22	02	97	02	0	130	87	0	0	9	0	0	73	79
Sirajganj	000	0	4	18	02	98	01	0	132	86	4	2	6	0	0	77	77
Rajshahi	000	0	1	18	02	96	02	0	131	86	0	0	9	0	1	75	79
Bogra	000	0	/	00	00	96	01	0	130	87	0	0	9	0	1	73	75
Dinajpur	000	0	0	09	02	96	00	0	131	87	0	0	9	0	0	65	73
Rangpur	000	0	3	09	02	96	03	0	131	82	3	0	9	1	0	73	44
Jammu																	
Lahore (Jail Rd.)	000	0	6	00	00	97	01	1	130	81	3	8	7	2	1	59	76
Sialkot	000	0	7	31	05	97	03	2	121	81	3	5	6	2	0	54	69
Jhelum																	
Islamabad																	
Rawalpindi	021	2	7	05	03	98	02	9	137	69	3	5	6	2	0	58	69
Campbellpur																	
Khushab	...		..		..				...								..
Sargodha	000	0	7	09	12	96	21	6	109	79	3	9	6	3	0	58	//
Lyallpur	000	0	4	36	02	96	02	3	094	75	6	3	8	0	0	62	68
Sahiwal	000	0	0	00	00	97	02	0	097	79	0	0	9	0	0	55	71
Multan	...	..	...	...	...	...	...	...	..	...	...	..	...	..	..	...	...
Leiah																	
Khanpur	000	0	4	36	03	96	01	1	099	82	2	0	9	2	1	30	69
Bahawalpur	000	0	3	00	00	96	00	0	090	87	0	0	9	0	1	58	73
Fort Abbas	000	0	0	00	00	98	00	0	074	73	0	0	9	0	0	73	//
Chakdra	000	0	2	05	07	99	01	1	113	69	0	0	9	0	4	56	64
Peshawar	000	0	1	36	02	97	01	0	128	77	0	0	9	8	1	58	69
Haripur	000	5	8	06	03	97	03	2	135	75	8	0	9	5	0	52	62
Bannu	000	0	3	31	02	99	01	1	115	75	0	0	9	0	5	54	73
D. I. Khan	000	0	2	36	05	97	02	0	101	84	0	0	9	3	0	54	71
Sibi	000	0	2	18	03	91	03	1	104	78	0	0	9	0	2	56	76
Nokkundi	000	0	4	09	05	96	03	0	097	77	4	5	6	0	0	57	69
Turbat	000	0	0	18	02	98	00	0	124	77	0	0	9	0	0	69	72
Jiwani	000	0	7	23	03	96	03	0	097	77	3	6	5	3	0	73	73
Pasni	000	0	0	29	04	96	00	4	098	72	0	0	9	0	0	72	64
Ormara	000	0	6	00	00	96	01	0	105	77	6	6	6	0	0	74	61
Lasbela	000	0	4	00	00	98	00	0	092	76	0	0	9	0	0	71	74
Karachi (Manora)	000	0	7	27	05	96	03	2	088	78	0	0	9	3	1	74	77
Karachi (Airport)	000	0	7	27	05	96	03	1	086	76	4	6	5	3	0	71	70
Nagarparkar	000	0	0	05	02	97	02	0	121	81	0	0	9	0	0	81	51
Chhor	000	0	6	23	05	95	03	2	091	75	2	0	9	2	2	65	71
Hyderabad	000	0	7	23	02	97	03	1	084	79	5	0	9	3	1	73	74
Badin	000	0	8	23	04	97	03	0	087	76	0	0	9	0	8	71	74
Padidan	000	0	6	05	03	96	02	2	084	76	6	0	9	7	0	68	71
Nawabshah	000	0	5	13	03	96	03	0	082	78	2	0	9	1	8	71	70
Sukkur	000	2	6	13	03	95	05	4	091	80	6	0	9	6	0	62	77
Kashmore																	
Jacobabad	000	0	5	36	02	96	03	1	091	82	0	0	9	0	4	55	73
Drosh *	015	0	6	00	00	98	02	2	561	58	3	6	6	3	0	49	52
Cherat *	000	0	0	05	05	98	00	0	532	73	0	0	9	0	0	42	64
Kakul *	000	0	7	10	02	98	03	2	520	//	3	4	5	0	0	47	61
Landikotal *	021	2	7	05	03	98	02	9	///	73	3	5	6	2	0	58	69
Miranshah *	000	0	0	05	05	99	00	0	476	73	0	0	9	0	0	51	65
Wana *	000	0	0	00	00	99	00	0	481	61	0	0	9	0	0	46	56
Fort Sandeman *	000	0	2	00	00	97	01	0	514	76	0	0	9	3	1	42	59
Hindubagh *	000	0	0	27	03	97	02	0	///	54	0	0	9	0	0	09	//
Loralai *	000	0	6	18	04	98	01	0	490	58	0	0	9	0	6	39	54
Harnai *	000	0	8	23	03	96	03	0	492	78	0	0	9	0	0	50	72
Samungli (Quetta) *	000	0	4	00	00	96	03	0	508	57	4	0	9	4	0	41	50
Chaman *	000	0	0	20	08	97	00	0	519	72	0	0	9	0	0	61	65
Nushki *	000	0	4	00	00	97	02	0	550	71	0	0	9	0	1	32	67
Dalbandin *	000	0	2	00	80	95	05	0	504	69	0	0	9	3	0	42	64
Kalat *	000	0	0	23	02	97	00	2	543	54	0	0	9	0	0	35	32
Khuzdar *	000	0	2	00	00	96	03	0	504	72	0	0	9	0	1	44	65
Panjgur *	000	0	2	05	02	96	03	0	495	69	0	0	9	0	1	45	63

Departure from Normal of / Rainfall

STATIONS	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	—	—	0.7	—	5.4	—
Cox's Bazar	+ 2	—	—	—	—	140
Chittagong	+ 2	+ 6	0.5	— 1.1	0.9	108
Maijdee Court	+ 3	— 3	0.6	— 0.9	1.1	115
Comilla	0	+ 4	1.5	— 0.4	4.7	94
Brahmanbaria	—	—	—	—	—	78
Sylhet	—	—	3.0	—	9.4	—
Srimangal		—	1.8	— 2.3	6.9	98
Mymensingh		—	—	—	—	91
Narayanganj	— 3	+ 3	—	—	—	74
Dacca (Tezgaon)	—	—	0.6	—	3.0	—
Faridpur	— 1	+ 2	—	—	—	71
Barisal	+ 5					81
Khulna	+ 3					68
Satkhira	—	—	3.0	— 2.3	6.8	65
Jessore						65
Pabna	—	—	0.8	—	3.9	59
Sirajganj	— 3	+ 6	0.1	— 0.9	2.1	64
Rajshahi		+ 6	0.0	— 0.5	2.0	—
Bogra	— 2	+ 4	0.0	— 0.7	1.5	49
Dinajpur	0	+ 3	0.0	— 0.5	1.0	72
Rangpur	+ 9	— 5	—	—	—	84
Jammu						..
Lahore (Jail Rd.)	+ 8	+ 14	0.0	— 0.3	2.0	19
Sialkot	—	—	0.0	—	5.4	32
Jhelum						—
Islamabad						—
Rawalpindi	+ 12	+ 10	0.2	— 0.9	8.7	36
Campbellpur						—
Khushab	+ 14					15
Sargodha	—	—	0.0	—	1.7	—
Lyallpur	+ 5	+ 4	0.0	— 0.3	1.2	12
Sahiwal	+ 10	+ 3	0.0	— 0.1	0.8	18
Multan						7
Leiah						8
Khanpur	+ 6	+ 4	—	—	—	6
Bahawalpur	+ 8	+ 8	0.0	— 0.1	0.4	6
Fort Abbas	—	—	0.0	—	0.1	8
Chakdra	—	—	0.0	—	6.4	—
Peshawar	+ 11	+ 9	0.0	— 0.9	3.3	11
Haripur		—	0.0	—	7.4	—
Bannu	—	—	—	—	—	11
D. I. Khan		+ 6	—	—	—	9
Sibi	—	—	0.0	—	0.9	5
Nokkundi	—	—	0.0	—	2.5	2
Turbat	—	—	0.0	—	0.7	—
Jiwani	—	—	0.0	—	8.3	8
Pasni	— 2	— 2	0.0	— 8.4	2.5	6
Ormara	+ 21	—	—	—	—	8
Lasbela	—	—	0.0	—	0.0	8
Karachi (Manora)	— 2	+ 4	0.0	— 0.1	1.1	8
Karachi (Airport)	—	—	0.0	—	3.0	—
Nagarparkar	—	—	—	—	—	—
Chhor	—	—	0.0	—	2.5	7
Hyderabad	— 3	+ 3	0.0	0.0	1.1	9
Badin	+ 1	+ 2	0.0	0.0	0.1	—
Padidan	—	—	0.0	—	0.9	—
Nawabshah	—	—	0.0	—	0.4	4
Sukkur	—	—	0.0	—	0.9	—
Kashmore	—					4
Jacobabad	+ 6	+ 3	0.0	— 0.1	2.1	20
Veraval						26
Srinagar *						71
Gulmarg **						24
Sonamarg **						3
Dras **						6
Leh **						—
Skardu *						—
Misgar **						3
Aliabad *						59
Gilgit *						
Murree *						18
Drosh *	+ 19	+ 6	—	—	—	29
Cherat *	+ 14	+ 18	—	—	—	—
Kakul *	—	0	0.0	—	14.2	—
Landikotal *	—	—	0.0	—	3.7	39
Parachinar *						13
Miranshah *	—	—	—	—	—	11
Wana *		—	—	—	—	13
Fort Sandeman *	+ 8	+ 7	0.0	— 0.6	2.8	—
Hindubagh *	—	—	0.0	—	1.6	9
Loralai *	—	—	0.0	—	2.1	—
Barkhan *						14
Harnai *	—	—	0.0	— 0.5	3.8	9
Samungli (Quetta) *	—	—	0.0	— 0.6	2.9	9
Chaman *	+ 12	+ 8	0.0	— 0.2	7.7	—
Nushki *		—	0.0	—	3.5	4
Dalbandin *	+ 8	+ 9	0.0	— 0.1	3.3	7
Kalat *	—	— 11	0.0	— 0.3	3.0	—
Khuzdar *	—	—	0.0	—	2.6	5
Panjgur *	+ 15	+ 17	0.0	—	0.0	—

† Given in Code.

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

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

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

When ever 000 is given RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 13th APRIL, 1970.

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
ARABAIN SEA														
Leninabad	99 2 18	10 5 95	12 0 61	60 2 05	98 0 20	14 7 27	61 5 00	57 2 06						
Bardon	99 2 29	10 6 39	12 0 61	59 9 04	98 0 20	13 3 27	28 4 32	34 2 20						
Kabypia	992 7 47	10 5 55	12 1 23	52 5 10	98 0 20	10 1 28	00 7 08	0/ / //						

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	090 244 08	...	450 866 50	158 094 57	584 117 57	752 219 56	958 359 50	226 579 //	406 625 //	...	—	...	...
Dacca ...	00 00	011 272 36	...	500 196 56	138 050 59	581 119 61	748 229 60	952 365 59	222 553 //	403 621 9//	560 695 //	—	...	—
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	005 244 27	...	450 174 49	101 090 //	582 035 //	765 115 //	961 241 //	256 405 //	...	...	—	...	...
Multan ...	00 00	MISDA	...	...	...						—	...	...	—
Peshawar ...	00 00	971 238 63	...	400 196 64	136 074 64	581 115 78	749 217 57	956 341 //	219 513 //	412 607 //	...	...	...	...
Quetta ...	00 00	MISDA	—	...	...					...	...	...	...	—
Sargodha ...	00 00	997 230 25	...	548 170 50	194 096 //	587 121 //	755 221 //	961 231 //	240 411 //	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									$P_mP_mP_m$ d_md_m $f_mf_mf_m$	$P_tT_tP_tT_tT_tT_{at}$	d_td_t $f_tf_tf_t$
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...			...	...	..	...	...	..	...	...	...
Dacca ...	00 00	900 196 56	800 142 60	600 011 59	350 285 50	...	...	—	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	..	...	—	...	...	...	—	...	...	...	...	...
Multan ...	00 00	MISDA	...	—	—	...	—	—	...	...	—	—	—
Peshawar ...	00 00		...	...	...	...	...	—	...	—	...	—	...
Quetta ...	00 00	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 ...	180 19	170 17	175 11	270 06	310 09	300 06	075 09	...	—	245 03	265 04	330 01	...		
Bogra ...	115 06	125 08	125 06	130 06	255 05	290 13	290 12	...	...	100 07	195 04	155 03	240 04	310 12	300 26
Chaklala ...	—	270 06	215 10	235 05	205 03	245 05	225 09	...	...	...	065 13	050 11	015 01		
Chhor ...	210 07	190 07	180 08	220 16	215 14	225 18	250 23	/// //	265 27	225 12	230 13	235 15	270 26	190 33	180 24
Chittagong ...	...	.	...	...	—	...	...	...	—	005 02	028 15	135 02	135 02	105 04	285 10
Cherat ...	...	...	...	—	...	...	...	...	...	...					
Cox's Bazar ...	275 08	260 07	260 08	185 04	010 08	360 07	340 09	335 15	360 17	355 06	300 08	350 12	005 07	068 03	328 01
Dacca ...	225 10	125 08	180 08	260 13	235 13	300 13	300 10	310 15	320 15	240 06	165 06	090 04	/// //	265 15	/// //
Dalbandin ...	—	—	105 04	070 05	050 04	020 04	...	—	.			050 09	070 13	320 05	320 05
D. I. Khan ...	335 05	330 07	330 04	095 04	120 05	170 03	205 05	...	..	230 12	025 07	050 09	185 09	225 10	...
Drosh ...	...	...	...	235 07	155 03	238 09	180 08		..	...	...	...	...		
Fort Sandeman ...	—	...	—	235 10	150 05	230 14	165 14	175 17	245 37	..	—	...	210 03	235 06	260 11
Gilgit ...	..	—	...	...	...	...	..	...	...	..					
Ishurdi ...	125 05	135 04	160 05	185 05	210 02	225 08	305 13	...	.	225 08	230 06	180 08	210 03	320 10	315 29
Jacobabad ...	130 14	115 14	120 12	140 09	145 09	165 08	225 08	260 11	...	115 02	075 03	016 03	045 03	040 04	023 21
Jessore ...	150 15	170 13	170 13	295 10				...	...	220 13	190 10	165 12	175 06	225 03	270 05
Jhelum ...	215 19	205 16	205 15	225 11	235 15	275 11	290 04	295 06	270 09	040 16	065 13	105 10	125 10	140 11	
Jiwani ...	250 15	265 19	285 17		...		...	...	...	275 04	305 13	295 15	305 09	325 02	110 17
Karachi ...	230 13	265 10	270 09	280 09	275 03	320 05	275 03	245 15	340 23	270 18	270 15	295 13	295 12	035 12	080 12
Khanpur ...	260 06	270 08	270 10	250 12	225 07	200 04	205 12	205 16	200 19	275 08	280 05	255 04	225 05	185 09	130 06
Khuzdar ...	—	—		040 09	005 04	165 04	...	...	.	...	...	...	290 03	010 01	060 07
Lahore ...	125 03	240 04	255 04	265 04	290 05	290 10	260 09	290 04	305 04	..	...	...			..
Multan ...	235 07	235 10	235 13	205 15	205 16	285 11	215 19	240 15	245 15	230 12	025 08	050 10	180 09	225 10	.
Nawab Shah ...	185 14	190 10	200 02	255 10	295 07	310 09	275 21	260 19	260 34	330 09	325 10	335 13	335 15	/// //	330 13
Nokkundi ...	—	...	...	..	...	...	...	...	...	—	—	—	...		..
Panjgur ...	...	...	...	315 03	330 03	360 05	245 11	/// //	260 14	...		...	010 09	350 12	335 16
Peshawar ...	...	330 11	330 13	320 21	...	...	—	.	...	...	290 02	290 05	355 07	355 07	170 12
Parachinar ...	...	...	...	...	100 11	180 13	...	...	..	...	—	...	...	150 02	260 03
Quetta ...	...	..	.	...	265 03	285 05	...	—	.						..
Sargodha ...	210 07	195 07	195 07	175 06	230 09	225 15	...	.	..	040 04	040 13	070 11	225 05	240 09	..
Skardu ...	...	...	.	.	.	...	...	...	...	...		...	...		...
Sylhet ...	150 05	110 05	135 07	120 09	180 05	225 09	020 02	005 30	335 22	110 13	115 05	230 03	295 04	235 08	240 10
Veraval ...	...	—	..	...	...	—	—	...	—	—	...	...	—	...	—

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	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 ...	320 05	230 03	170 02		...	...	..	...	...	...	—
Chaklala ...	...	070 13	090 13	100 13	/// //	230 11	..	—	...	.	...
Chhor ...	160 05	230 02	205 02	/// //	230 09	225 17	...	..	...	.	—
Chittagong ...	..	..	..	...	..	...	...	—	...	...	—
Cherat ...	...	...	..	...		..	.	...	...	...	..
Cox's Bazar ...	345 08	250 18	250 30	195 10	215 11	260 07	325 18	330 10	330 17	...	...
Dacca ...	160 03	160 03	180 01			...					
Dalbandin ...		...	085 05	077 08	125 05	195 02	275 12	275 16	270 11	260 21	255 31
D. I. Khan ...	050 07	060 08	090 06	350 03	/// //	310 03	/// //	220 11	/// //	260 30	.
Drosh ...		..	...	...		...	...			..	...
Fort Sandeman ...	...	...	...	105 03	170 01	320 10	250 12	165 15	265 16	270 23	..
Gilgit ...	...	...		155 04	120 03	110 14	215 12	280 19	...	...	...
Ishurdi ...	...		...				...	.	..	...	.
Jacobabad ...	105 06	015 09	015 07	065 17	055 17	031 05	335 09	.		.	
Jessore ...	170 04	200 02	200 02	205 12	235 21	280 06	325 24	305 31	300 29	245 29	260 22
Jhelum ...	085 08	135 10	160 10	205 19	205 20	235 11	—	-	...	...	...
Jiwani ...	260 13	260 11	275 10	285 08		.	..	...	.	...	...
Karachi ...	285 06	290 12	355 17	035 04	050 14	085 06		..			.
Khanpur ...	/// //	/// //	/// //	025 02	065 03	125 04	180 08	/// //	075 14	.	...
Khuzdar ...				065 01	105 04	205 01	250 11	245 03	245 23	245 23	..
Lahore ...	055 12	065 17	065 19	080 18	121 15	130 18	165 18	...			..
Multan ...	020 06	023 09	030 12	040 19	055 17	110 12	170 04	240 10	215 17	235 21	265 60
Nawab Shah ...	025 07	020 11	020 13	/// //	360 21	...	..	.	...	...	...
Nokkundi ...	...	...	..	...	...	...	—		.	..	...
Panjgur ...	..										
Peshawar ...		089 07	095 06	050 05	130 07	180 11	260 14	290 19	255 19	235 24	245 35
Parachinar ...	...	...	—	...	135 01	150 06	240 21	250 19	240 11	.	..
Quetta ...					140 06	160 03	250 03	230 12	...	..	...
Sargodha ...	095 08	125 03	170 02	200 04	265 03	235 09	...	...	.	..	—
Skardu ...									.	.	...
Sylhet ...	100 05	145 02	190 02	060 04	210 11	271 22	280 33	265 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	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 ...	270 18	270 15	295 13	295 12	035 12	080 12	080 12	250 24	250 33	255 39	265 33							
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 [illegible]

[illegible]

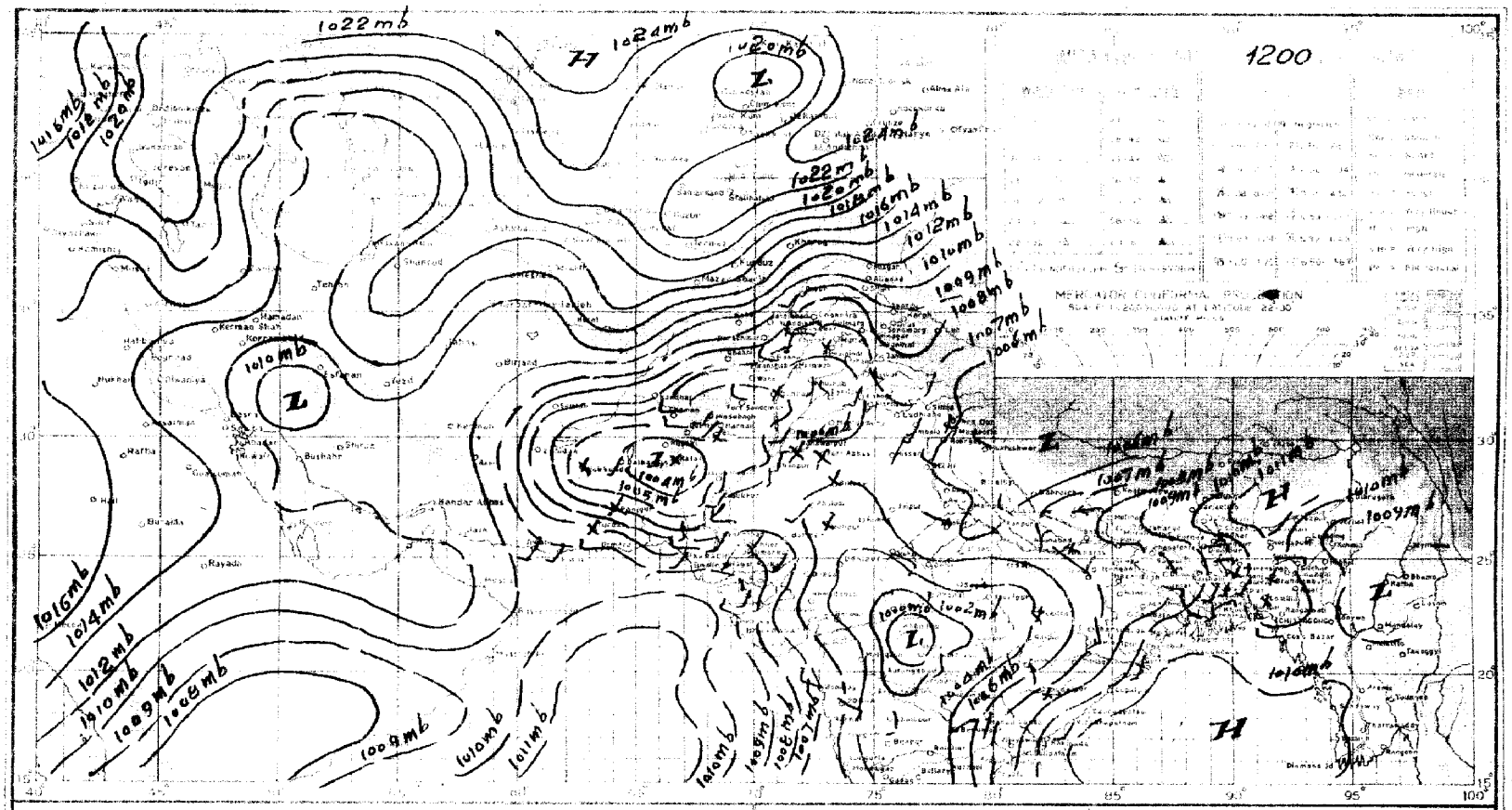
* The actual time of observation may vary within half an hour of the specified time.

* 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 hundreds figure for wind speed "f" omitted.

[illegible] individual service in this report [illegible] obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, [illegible]

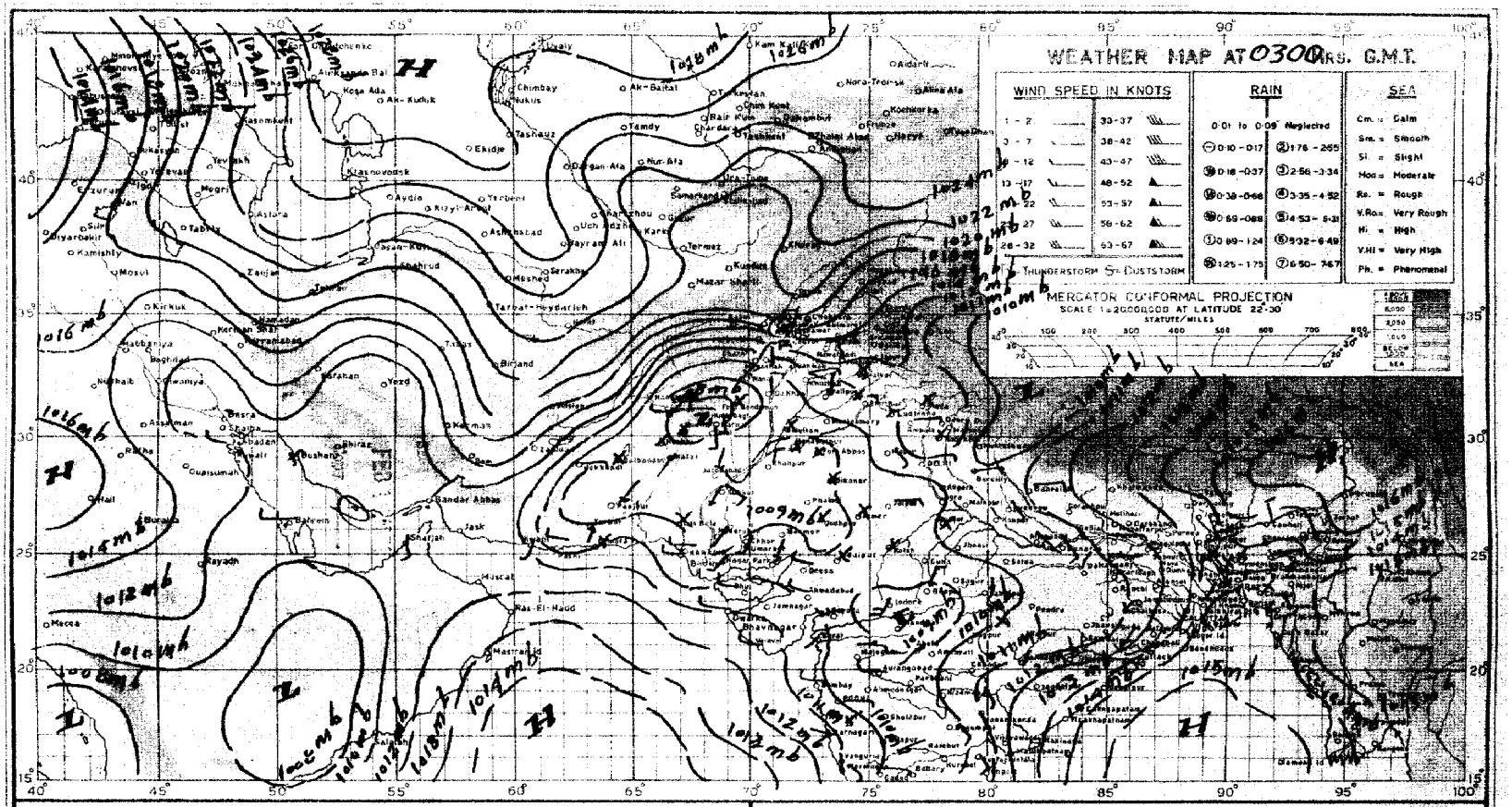
PAKISTAN DAILY WEATHER MAP

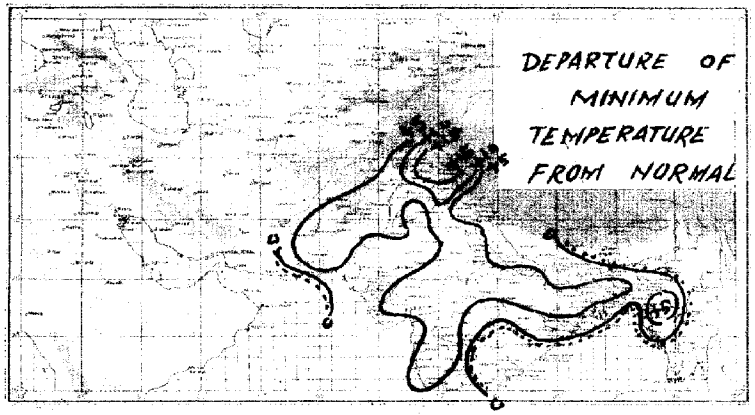
SUNDAY 12th APRIL 1970

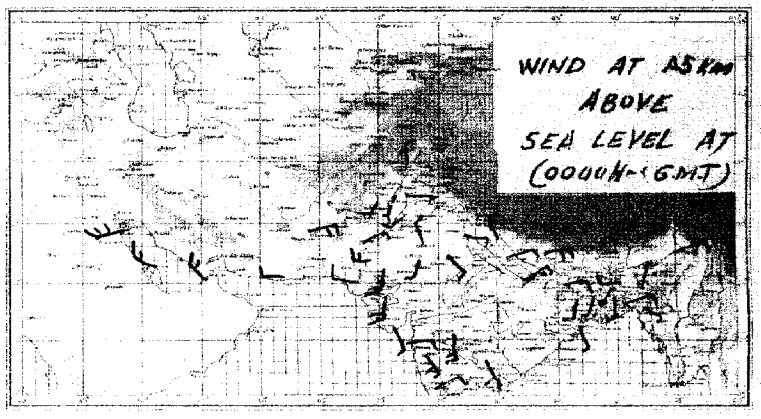


PAKISTAN DAILY WEATHER MAP

MONDAY 13th APRIL 1970







Nat Weather Map

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 14th APRIL, 1970.

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

Yesterday's secondary western disturbance over D. I. Khan division and adjoining areas is moving across Kashmir. A fresh western disturbance lies northeast Iran and adjoining Afghanistan. Its secondary lies over Kalat division and adjoining areas.

A low pressure area has developed over West Rajasthan and adjoining West Pakistan. A few falls of thunderstorm/light showers have occurred in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions.

The trough of low pressure over Chota Nagpur and adjoining West Bengal persists.

Local rain/thundershowers have occured in Dacca and Rajshahi divisions, scattered in Chittagong division. A few falls of thunderstorm/light showers have also occured in Khulna division.

Chief amounts of rainfall recorded are Sirajganj 1¼", Faridpur and Dinajpur 1" each and Dacca ¼".

Day temperature these were 4—10 °F (2—6 °C) below normal in Dacca division and 8—20 °F (4—11 °C) above normal in Rajshahi, Multan, Malakand, Peshawar, Quetta and Kalat divisions and 3—7 °F (2—4 °C) so in Khulna, Rawalpindi, Sargodha, Bahawalpur, D. . I. Khan, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 15th April, 1970 :—Local rain/thundershowers are likely to occur in East Pakistan scattered in D. I. Khan, Peshawar, Rawalpindi, Lahore and Sargodha divisions and in Kashmir. A few dust/thundershowers are also likely to occur elsewhere in West Pakistan.

Karachi-11
The 14th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

DIVISION	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)	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 † (N)	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 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 † (N)	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 April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	04	0	097	90	1	1	7	0	0	77	91	000	0	1	18	05	96	04	0	137	86	1	2	7	—	0	77	78	—	—	0.9	—	5.4	—
	Cox's Bazar	—	000	0	2	27	06	94	03	0	096	87	0	0	9	2	0	72	91	000	0	1	27	05	97	03	0	135	81	0	0	5	1	0	73	75	+ 2	+ 2	—	—	—	40
	Chittagong	—	000	0	7	27	10	96	03	0	093	88	3	3	9	7	0	73	91	000	0	3	36	02	96	02	2	135	87	3	4	4	0	0	75	77	+ 2	+ 4	0.5	— 1.2	0.9	109
	Maijdee Court	—	000	0	8	00	00	96	03	2	090	90	6	3	5	2	1	70	91	000	0	0	16	02	98	00	0	130	88	0	0	9	1	0	77	76	+ 2	— 0	0.6	— 1.1	1.1	115
	Comilla	—	000	0	7	00	00	96	03	9	090	84	7	6	4	0	0	80	91	000	0	0	00	00	98	00	0	129	82	0	0	9	0	0	77	//	— 1	//	1.4	— 1.6	4.7	94
	Brahmanbaria	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	012	9	4	00	00	97	03	1	126	84	0	0	9	0	4	70	73	—	—	—	—	—	78
Dacca	Sylhet	—	000	0	7	00	00	96	02	2	086	80	2	4	9	3	1	72	90	011	1	7	09	05	96	01	3	128	72	4	6	4	7	0	69	70	—	—	3.0	—	9.4	—
	Srimangal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	96	02	0	131	82	4	2	4	7	2	68	69	—	+ 1	1.8	— 2.6	6.9	98
	Mymensingh	—	000	0	8	05	02	92	50	9	093	79	8	9	3	1	1	77	83	000	0	8	13	02	97	02	2	137	84	7	6	4	3	1	79	73	— 10	— 1	—	—	—	91
	Narayanganj	—	027	2	7	19	05	97	17	9	099	75	6	9	4	2	0	70	91	031	9	3	13	02	97	02	9	126	81	3	0	9	8	1	46	71	—	—	0.9	—	3.3	74
	Dacca (Tejgaon)	—	000	0	8	//	07	96	07	2	056	75	3	4	5	4	0	73	96	115	0	0	16	05	97	00	0	119	82	0	0	9	0	0	75	69	+ 2	— 5	—	—	—	71
	Faridpur	—	000	0	8	00	00	97	03	2	085	50	3	3	4	0	4	73	95	008	9	5	13	03	97	01	9	123	84	4	8	4	5	0	72	71	—	— 4	—	—	—	81
Khulna	Barisal	—	000	0	0	00	00	97	00	0	077	90	0	0	9	0	0	73	91	000	0	0	00	00	97	00	0	130	84	0	0	9	0	0	77	74	— 3	0	—	—	—	69
	Khulna	—	000	0	7	05	02	96	03	2	081	90	8	4	6	0	0	62	98	000	0	6	18	03	96	00	0	136	77	2	3	5	1	0	73	//	+ 3	—	—	—	—	65
	Satkhira	—	000	0	7	18	09	96	03	2	067	94	1	3	5	3	7	62	96	001	9	4	13	05	96	02	9	122	82	4	4	4	9	0	73	74	—	—	3.1	— 2.2	6.6	65
	Jessore	—	000	0	8	09	05	96	01	9	//	75	6	9	6	0	0	70	96	000	9	0	05	02	98	03	9	119	84	0	0	9	0	0	72	7.	—	—	0.9	—	3.9	59
Rajshahi	Pabna	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	140	9	0	13	03	98	00	0	128	80	0	0	9	0	0	66	69	—	— 5	1.5	+ 0.4	3.5	64
	Sirajganj	—	000	5	8	09	02	96	29	9	098	82	4	4	4	3	0	66	95	000	0	2	09	07	96	02	0	119	80	0	0	9	0	1	64	7.	— 2	— 2	0.1	— 0.5	2.1	—
	Rajshahi	—	015	3	6	13	05	96	91	9	084	74	4	3	1	3	1	66	98	015	0	0	09	02	96	01	0	125	80	0	0	9	0	0	66	7	+ 1	0	0.2	— 0.6	1.7	69
	Bogra	—	084	2	3	00	00	96	01	0	068	77	3	0	9	2	0	71	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	—	—	—	73
	Dinajpur	—	000	0	6	00	00	96	03	8	091	90	6	0	9	2	0	79	100	000	0	5	05	07	96	01	0	144	77	5	0	9	1	0	75	7.	+ 8	—	—	—	—	84
	Rangpur	—																																								
Kashmir	Jammu	—																																								
Lahore	Lahore (Jail Rd.)	—	000	0	6	05	06	96	05	2	073	91	2	4	7	2	0	50	95	000	0	1	05	02	97	02	0	088	79	0	0	9	0	1	54	71	+ 11	+ 9	0.0	— 0.3	2.0	19
	Sialkot	—	000	0	0	10	08	96	00	0	043	87	0	0	9	0	0	49	90	000	0	0	00	00	97	00	0	075	82	0	0	9	0	0	46	//	— 3	—	—	—	—	32
Rawalpindi	Jhelum	—	000	8	4	09	03	97	01	6	082	90	3	4	7	1	0	54	91	000	0	2	31	02	97	02	0	084	80	0	0	9	0	1	56	46	—	—	0.1	—	5.5	—
	Islamabad	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	96	02	0	///	75	3	4	6	3	0	56	69	—	—	—	—	—	—
	Rawalpindi	—	000	0	2	05	02	99	00	0	082	87	0	0	9	0	0	50	90	000	0	6	23	02	98	02	0	109	67	0	0	9	0	0	54	66	+ 4	+ 7	0.2	— 1.0	8.7	36
	Campbellpur	—																																								
Sargodha	Khushab	—	000	0	8	36	11	97	03	2	074	95	3	5	9	4	0	72	96	000	0	0	00	00	98	00	0	079	80	0	0	9	0	0	64	66	+ 5	— 1	—	—	—	15
	Sargodha	—	000	0	3	09	12	91	02	2	070	91	1	0	9	3	2	56	96	000	0	1	09	02	96	04	1	090	77	1	0	9	3	1	54	69	—	—	0.0	—	1.7	—
	Lyallpur	—	000	0	0	36	03	94	07	3	065	50	0	0	9	0	0	62	95	000	0	0	36	02	96	00	3	075	76	0	0	9	0	0	60	58	+ 2	— 6	0.0	— 0.3	1.2	13
Multan	Sahiwal	—	000	0	6	05	05	96	05	2	048	98	2	1	6	3	2	58	102	000	0	4	09	03	97	03	1	091	78	0	0	9	3	1	58	73	+ 8	+ 7	0.0	— 0.1	0.8	10
	Multan	—	000	0	0	36	02	95	00	0	052	98	0	0	9	0	0	60	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
	Laiah	—																																								
Bahawalpur	Khanpur	—	000	0	7	00	00	97	02	0	044	103	2	0	9	3	1	45	104	000	0	7	05	09	96	07	2	078	80	5	5	6	7	0	52	78	+ 5	+ 13	—	—	—	6
	Bahawalpur	—	000	0	2	00	00	96	00	0	070	103	0	0	9	0	0	64	103	000	0	3	00	00	96	00	0	081	82	0	0	9	0	1	54	73	+ 6	+ 8	0.0	— 0.1	0.4	6
	Fort Abbas	—	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	069	80	0	0	9	0	0	52	64	—	—	0.0	—	0.1	5
Malakand	Chakdara	—	000	0	3	23	03	98	03	1	072	87	3	1	7	0	0	54	90	000	0	7	05	03	97	02	2	135	69	7	0	9	1	0	49	60	—	—	0.0	—	4.4	—
Peshawar	Peshawar	—	000	0	4	31	03	97	02	2	078	84	1	3	6	2	1	56	95	000	0	7	13	03	97	02	2	123	74	1	0	9	3	7	59	66	+ 11	+ 6	0.0	— 1.0	3.3	11
	Kohat	—																																								
D. I. Khan	Bannu	—	000	0	7	31	01	98	04	2	076	90	7	2	7	0	0	59	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	11
	D. I. Khan	—	000	0	6	09	03	96	03	1	062	96	0	0	9	0	0	60	98	000	0	0	00	00	97	02	0	098	80	0	0	9	0	0	58	73	+ 7	+ 8	—	—	—	9
Quetta	Sibi	—	000	0	2	18	03	97	03	0	053	108	0	0	9	2	0	62	109	000	0	6	13	03	97	03	1	084	80	0	0	9	4	6	66	79	—	—	0.0	—	0.9	5
	Nokkundi	—	000	0	5	31	14	95	05	2	050	90	3	4	5	0	0	68	92	000	0	5	09	03	95	05	2	115	72	5	4	6	0	0	47	71	—	—	0.0	—	2.5	2
Kalat	Turbat	—	000	0	0	23	02	98	00	0	092	98	0	0	9	0	0	54	99	000	0	0	27	02	98	00	0	113	85	0	0	9	0	0	70	83	—	—	0.0	—	0.7	—
	Jiwani	—	000	0	8	29	12	96	03	2	077	83	7	4	5	2	0	69	85	000	0	7	23	02	96	02	2	093	78	7	6	4	0	0	73	95	—	—	0.0	—	8.3	8
	Pasni	—	000	0	0	25	08	97	02	0	079	82	0	0	9	9	0	75	87	000	0	7	23	06	97	02	0	083	75	4	3	9	0	0	75	65	— 1	— 1	0.0	— 0.4	2.5	6
	Ormara	—	000	0	6	27	09	96	02	2	085	81	6	0	7	3	0	74	86	000	0	4	00	00	96	02	2	095	80	3	0	9	3	0	77	//	—	—	—	—	—	6
Karachi division	Lasbela	—																																								8
	Karachi (Manora)	—	000	0	5	28	19	96	03	1	065	81	0	0	9	2	0	77	87	000	0	5	27	05	96	03	1	083	79	0	0	9	0	8	76	77	+ 1	+ 4	0.0	— 0.1	1.1	8
	Karachi (Airport)	—	000	0	6	18	05	96	00	12	061	96	6	0	9	3	0	66	97	000	0	5	00	03	96	03	0	081	79	2	6	5	1	0	74	74	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	—	000	0	0	05	02	97	02	2	118	102	0	0	9	0	0	62	103	000	0	0	05	02	97	02	0	121	81	0	0	9	0	0	81	91	—	—	—	—	—	7
	Chhor	—	000	0	7	23	02	97	03	2	045	100	4	0	9	5	8	71	100	000	0	6	23	02	96	02	2	079	79	1	0	9	1	0	69	75	—	—	0.0	—	2.5	7
	Hyderabad	—	000	0	6	36	03	97	02	2	057	99	4	0	9	3	1	67	101	000	0	3	23	02	97	01	0	076	81	1	0	9	3	1	75	74	0	+ 5	0.0	0.0	1.1	9
	Badin	—	000	0	4	23	03	97	03	0	057	103	0	0	9	0	4	62	105	000	0	0	23	03	97	02	0	096	80	0	0	9	0	0	73	78	+ 5	+ 6	0.0	0.0	0.1	—
Khairpur	Padidan	—	000	0	6	30	13	97	02	2	057	97	6	0	9	7	0	45	102	000	0	6	02	03	95	05	0	077	83	6	0	9	7	0	55	76	—	—	0.0	—	0.9	—
	Nawabshah	—	000	0	5	18	05	96	03	2	063	96	0	0	9	2	0	65	97	000	0	7	05	02	97	02	2	081	78	0	0	9	2	4	62	75	—	—	0.0	—	0.4	4
	Sukkur	—	000	0	6	12	03	95	05	4	057	102	6	0	9	0	6	57	103	000	0	7	13	02	95	05	4	085	82	7	0	9	9	0	61	77	—	—	0.0	—	0.9	—
	Kashmore	—																																								4
	Jacobabad	—	000	0	5	09	05	97	01	2	052	100	0	0	9	0	5	61	102	000	0	7	18	02	96	03	1	081	85	7	0	9	7	0	67	80	+ 3	+ 10	0.0	— 0.1	2.1	10
Tensgadh	Veraval	—																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	* * ...																																								10
	Sonamarg	* * ...																																								—
	Dras	* * ...																																								3
	Leh	* * ...																																								6
	Skardu	* ...																																								—
	Hisar	* * ...																																								—
	Allahse	* ...																																								8
	Gilgit	* ...																																								59
Rawalpindi	Murree	* ...																																								18
Malakand	Drosh	* ...	000	0	6	00	00	98	03	2	554	66	5	8	6	6	0	49	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 22					89
Peshawar	Cherat	* ...	000	0	4	06	05	98	03	0	507	77	0	0	9	6	0	52	84	000	0	6	13	13	98	03	0	517	64	0	0	9	0	6	46	63	+ 21	+ 16	—	—	—	—
	Kohat	* ...	000	0	6	11	05	99	03	2	509	77	2	4	5	5	4	51	82	000	0	7	34	02	99	03	2	517	63	4	4	5	3	4	49	59	—	—	0.0	—	1.4	—
	Landikotal	* ...	000	0	8	36	02	98	03	0	488	80	8	7	6	0	0	70	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Peshawar	* ...	000	6	5	16	03	98	17	9	520	66	4	9	4	4	0	40	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					13
D.I. Khan	Miranshah	* ...	000	0	8	05	05	97	02	0	512	84	0	0	9	2	0	32	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana	* ...	000	0	4	13	03	98	03	0	442	84	2	8	8	0	0	62	90	003	0	6	00	00	98	03	0	491	64	6	2	8	0	0	54	56	—	—	—	—	—	13
Quetta	Fort Sandeman	* ...	000	4	8	31	05	97	02	0	494	74	5	4	4	7	0	39	83	000	0	8	00	00	97	02	2	501	64	3	5	7	7	1	45	56	+ 6	+ 4	0.0	— 0.6	2.8	—
	Hindubagh	* ...	000	0	7	13	05	97	03	0	///	69	0	0	9	0	0	//	70	000	0	8	18	19	97	03	0	///	54	8	7	4	0	0	20	//	—	—	0.0	—	1.6	9
	Loralai	* ...	000	0	6	27	05	98	01	0	485	75	0	0	9	0	6	51	//	000	0	8	27	05	98	01	0	490	53	0	0	9	0	8	36	50	—	—	0.0	—	2.1	—
	Barkhan	* ...																																								14
	Harnai	* ...	000	0	9	23	02	96	03	2	475	90	0	0	9	3	0	57	94	000	0	7	31	02	96	03	0	482	78	0	0	9	0	7	56	73	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta)	* ...	000	0	7	36	09	97	03	1	487	79	7	4	5	0	3	33	83	000	0	7	36	14	96	02	0	517	63	3	6	9	3	0	57	55	—	—	0.0	— 0.6	2.9	9
	Chaman	* ...	000	0	0	23	03	98	07	0	518	86	0	0	9	0	0	59	89	000	0	0	18	03	97	02	0	516	62	0	0	9	0	0	59	66	+ 11	+ 10	0.0	— 0.2	7.7	—
	Nushki	* ...	000	0	4	31	03	97	03	0	530	91	0	0	9	0	0	49	91	000	0	0	00	00	95	05	0	564	68	0	0	9	0	0	29	66	—	—	0.0	—	3.5	4
	Dalbandin	* ...	000	0	4	23	03	96	03	1	493	93	4	0	9	3	0	23	//	000	0	8	09	10	96	03	0	509	78	8	6	6	0	0	46	68	—	+ 13	0.0	— 0.1	3.3	7
Kalat	Kalat	* ...	000	0	0	36	02	97	02	0	480	73	0	0	9	0	0	37	88	000	0	0	36	20	97	00	2	506	65	0	0	9	0	0	32	31	+ 9	— 12	0.0	— 0.3	3.0	—
	Khuzdar	* ...	000	0	7	09	03	97	03	2	476	83	4	5	6	2	0	40	90	000	0	7	00	00	96	03	1	490	72	2	5	6	0	0	47	70	—	—	0.0	—	2.6	9
	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 sheet for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th APRIL, 1970.

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	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Dwarka	99 2 42	10 6 23	13 1 63	72 8 10	99 0 22	11 5 27	77 4 22	23 2 08						
Brandon	99 1 95	10 6 13	13 1 33	63 2 05	98 0 22	07 2 32	00 9 46	33 6 20						
Kabyalia	99 2 16	10 6 67	13 4 73	82 7 07	98 0 22	10 3 26	00 7 07	0/ / 24						
Kalyalia	99 2 22	10 5 50	13 4 23	82 5 09	58 0 22	09 0 26	80 6 51	0/ / 24						
Rosamaria	99 2 25	10 6 05	13 1 23	82 3 04	98 0 22	10 0 27	73 7 10	00 2 23						

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	009 244 21	...	510 195 7/	151 074 57	583 115 37	752 201 57	948 375 56	216 575 //	395 639 //	638 714 //	—	...	...
Dacca	00 00	010 242 44	...	410 158 61	104 038 59	576 125 61	743 219 58	911 371 59	216 579 //	...	...	—	...	—
Gilgit														
Jiwani														
Karachi	00 00	004 250 26	...	400 170 45	093 094 43	581 031 //	765 115 //	900 231 //	259 375 //	...	...	—	...	—
Multan	00 00	994 239 60	...	500 156 56	004 000 00	564 185 //	725 266 //	931 361 //	...	—	—	...	—	—
Peshawar	00 00	971 206 59	...	500 190 60	133 068 61	581 127 //	748 215 //	955 337 //	227 115 //	154 641 //	...	...	...	...
Quetta														
Sargodha	00 00	995 220 56	...	525 140 30	153 024 57	568 151 //	745 231 //	950 345 //	229 421 //	—	—	...	...	...

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	...	...	...	...	...	...	...	—	—	—	...	—
Dacca	00 00	900 184 61	880 116 61	600 039 58	350 287 59	...	...	—	...	...	...	...	—
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	180 10	180 13	180 13	200 13	...	...	...	...	...
Bogra	110 33	100 15	145 07	245 13	285 13	...	...	...	...
Chaklala	...	110 10	110 08	105 08	250 07	250 21	260 15	250 21	260 26
Chhor	121 01	225 10	235 09	224 10	122 07	123 09	235 15	...	...
Chittagong	225 10	250 11	225 10	230 09	220 04	045 07	290 17	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	280 15	265 15	265 17	235 18	185 07	315 08	120 14	...	...
Dacca	350 10	335 12	360 12	045 08	...	...	...	...	...
Dalbandin	...	...	124 07	235 14	225 15	265 18	245 17	260 10	...
D. I. Khan	125 07	145 14	095 04	075 09	055 10	045 10	...	...	...
Drosh	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...
Gilgit	...	...	...	165 01	325 01	120 07	130 07	...	...
Ishurdi	120 15	175 09	155 15	220 11	...	...	...	...	...
Jacobabad	120 10	095 07	055 09	095 04	118 07	036 10	...	...	...
Jessore	195 18	195 18	195 22	190 17	220 17	218 13	...	...	...
Jhelum	075 03	095 05	085 05	095 07	180 09	265 14	295 07	...	...
Jiwani	270 23	270 14	270 13	260 06	125 09	...	...	...	...
Karachi	360 03	030 06	050 05	050 07	045 09	020 07	...	...	...
Khanpur	035 28	045 08	045 08	020 07	005 10	335 06	350 17	340 19	...
Khuzdar	...	...	...	...	...	...	...	...	...
Lahore	030 08	050 15	050 21	065 33	080 27	130 14	...	...	...
Multan	070 12	065 13	065 12	030 10	020 08	025 03	005 10	...	...
Nawab Shah	195 07	255 05	300 09	345 15	325 09	275 12	...	...	...
Nokkundi	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	330 02	225 03	180 10	170 08	255 12	...	...	...
Parachinar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	235 09	250 03	235 10	...	...
Sargodha	220 08	100 24	110 24	120 08	150 09	230 13	...	...	...
Skardu	...	...	...	...	...	...	...	...	...
Sylhet	125 01	225 06	225 08	220 13	255 15	240 27	...	...	...
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	195 13	200 13	205 13	345 13	225 13	265 12
Bogra	075 17	110 12	170 13	225 19	250 19	...
Chaklala	...	105 04	345 04	010 02	300 4	...
Chhor	...	...	...	...	...	...
Chittagong	125 05	090 06	090 07	/// //	335 09	/// //
Cherat	...	...	...	...	...	...
Cox's Bazar	285 02	290 05	255 02	030 06	310 07	355 12
Dacca	...	...	...	...	...	...
Dalbandin	...	...	350 12	045 10	144 05	185 08
D. I. Khan	315 10	345 06	365 05	360 06	340 05	025 04
Drosh	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...
Gilgit	...	...	...	200 01	130 08	090 09
Ishurdi	105 15	130 06	110 06	180 02	195 06	230 13
Jacobabad	240 08	210 08	205 10	170 10	170 12	110 13
Jessore	225 22	225 28	240 23	260 19	275 15	290 10
Jhelum	235 12	335 13	350 11	005 14	005 13	030 19
Jiwani	250 11	275 14	245 11	...		
Karachi	285 15	320 10	310 08	285 05	240 04	285 40
Khanpur	035 13	035 12	050 10	055 10	070 02	175 07
Khuzdar	...	...	...	260 07	100 04	275 01
Lahore	310 06	020 08	035 07	045 06	355 05	360 05
Multan	040 17	055 13	070 08	025 08	025 13	025 17
Nawab Shah	...	...	...	...	...	...
Nokkundi	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...
Peshawar	...	230 04	350 04	265 03	290 03	290 04
Parachinar	...	...	...	...	025 07	140 02
Quetta	...	...	...	...	165 10	150 13
Sargodha	040 12	035 12	030 09	340 03	055 05	155 01
Skardu	...	...	...	...	...	...
Sylhet	100 17	100 15	100 10	...	...	...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	125 04	278 12	220 17	220 17	230 17	235 17	290 40	...	...		...
Bogra	125 06	135 09	135 08	245 01	245 25	280 17	295 32	...	...	...	...
Chaklala	...	240 01	340 02	350 03	355 03	035 06	075 13	...	...	...	...
Chhor	255 05	275 05	280 06	300 10	305 13	305 15	315 27	...	...	...	...
Chittagong	250 05	295 07	025 03	190 03	225 07	245 15	265 35	300 34	295 32	280 39	290 38
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	190 15	195 20	121 20	210 19	225 25	255 30	265 35	305 44	305 56	...	...
Dalbandin	...	...	050 18	100 10	175 07	...				...	...
D. I. Khan	035 09	040 12	040 12	045 08	110 05	125 08	210 05	180 06	170 12	191 10	220 03
Drosh	...	...	...	...	250 01	075 03	030 04	015 05	115 08	...	...
Fort Sandeman	...	...	...	045 07	120 13	380 19	...	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	151 11	165 11	155 09		...		...	...	...	...	...
Jacobabad	115 15	120 21	150 19	185 11				...	...	...	...
Jessore	200 13	205 17	210 17	225 24	265 25	265 20	318 22		...	...	...
Jhelum	320 04	345 08	005 09	015 09	025 06	355 07	290 22	205 03	285 09	235 15	250 47
Jiwani	290 09	275 12	270 08	280 03	195 05						
Karachi	360 04	320 12	320 10	325 05	175 04	175 13	195 41	...	...	...	...
Khanpur	015 07	005 12	005 10	020 01	000 12			...	...		...
Khuzdar				280 02	205 06	215 13	...	...	...	...	...
Lahore	035 05	050 07	035 07	030 09	045 08	040 05	305 03	210 05	235 07	215 13	210 07
Multan	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	175 02	230 03	305 09	295 11	245 09	200 15	...	...	...	...	...
Nokkundi	...	...	...	...	...	...	...		...	...	...
Panjgur	...	...	...	...	...	...	...		...	...	...
Peshawar		...	...	...	...	...	...	...	...	...	...
Parachinar	...	...	...	...	145 05	150 04	180 10	...	...		...
Quetta					245 13	150 04	...	...	...	...	...
Sargodha	045 07	075 07	075 08	090 07	170 06	215 04	150 08	220 11	235 17	255 36	...
Skardu	...	...	...	...	...	...	...	...	...		...
Sylhet	070 13	065 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	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	310 10	310 08	305 07	260 04	285 15	210 26	285 40	215 44	235 51	225 49	—	...	...	...	...	...	—
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

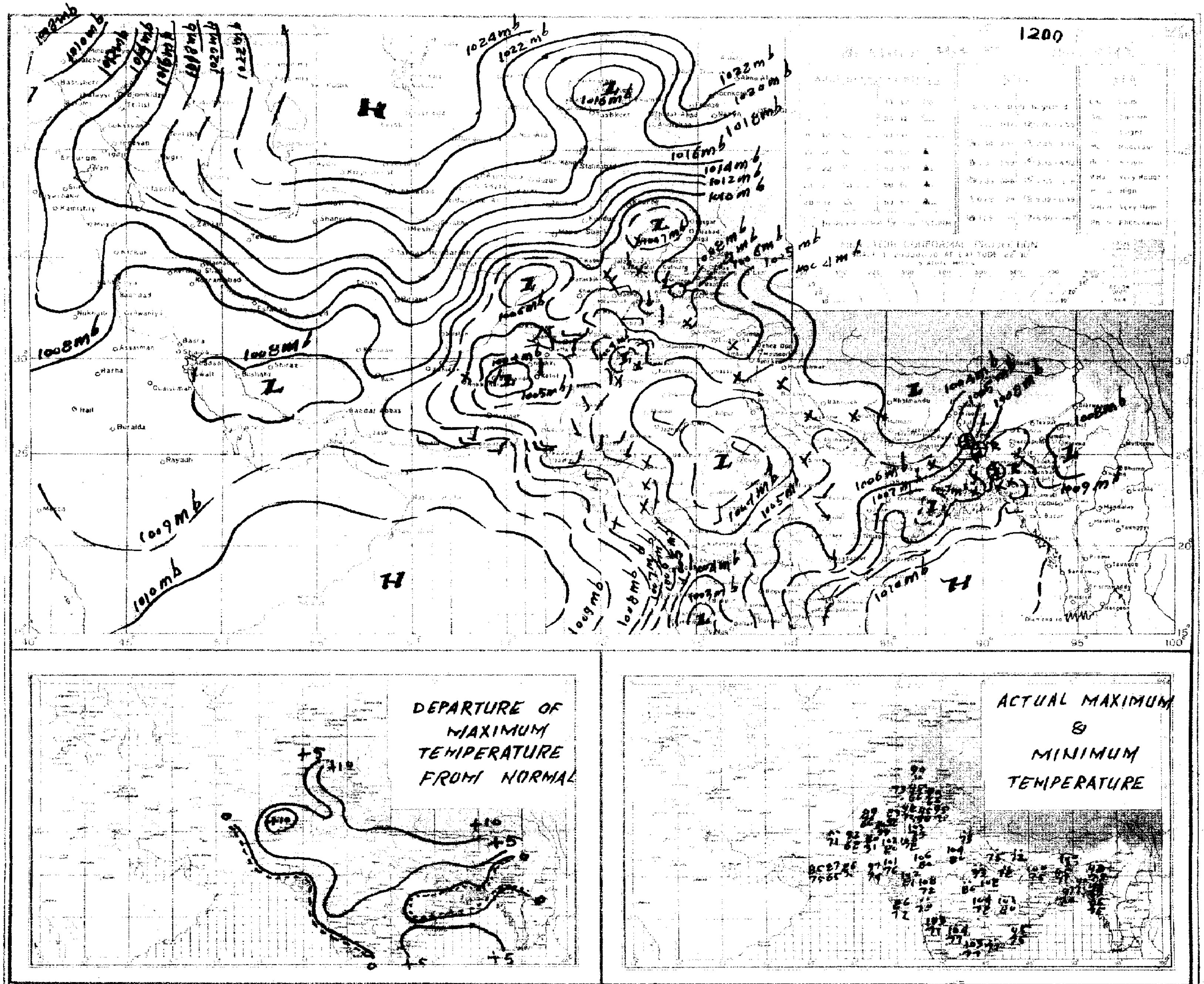
† The actual time of observations may vary within half an hour of the specified time.

* 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 be guaranteed. Corrections obtained, if necessary on application to the Meteorologist Weather Centre Air Port KARACHI—11

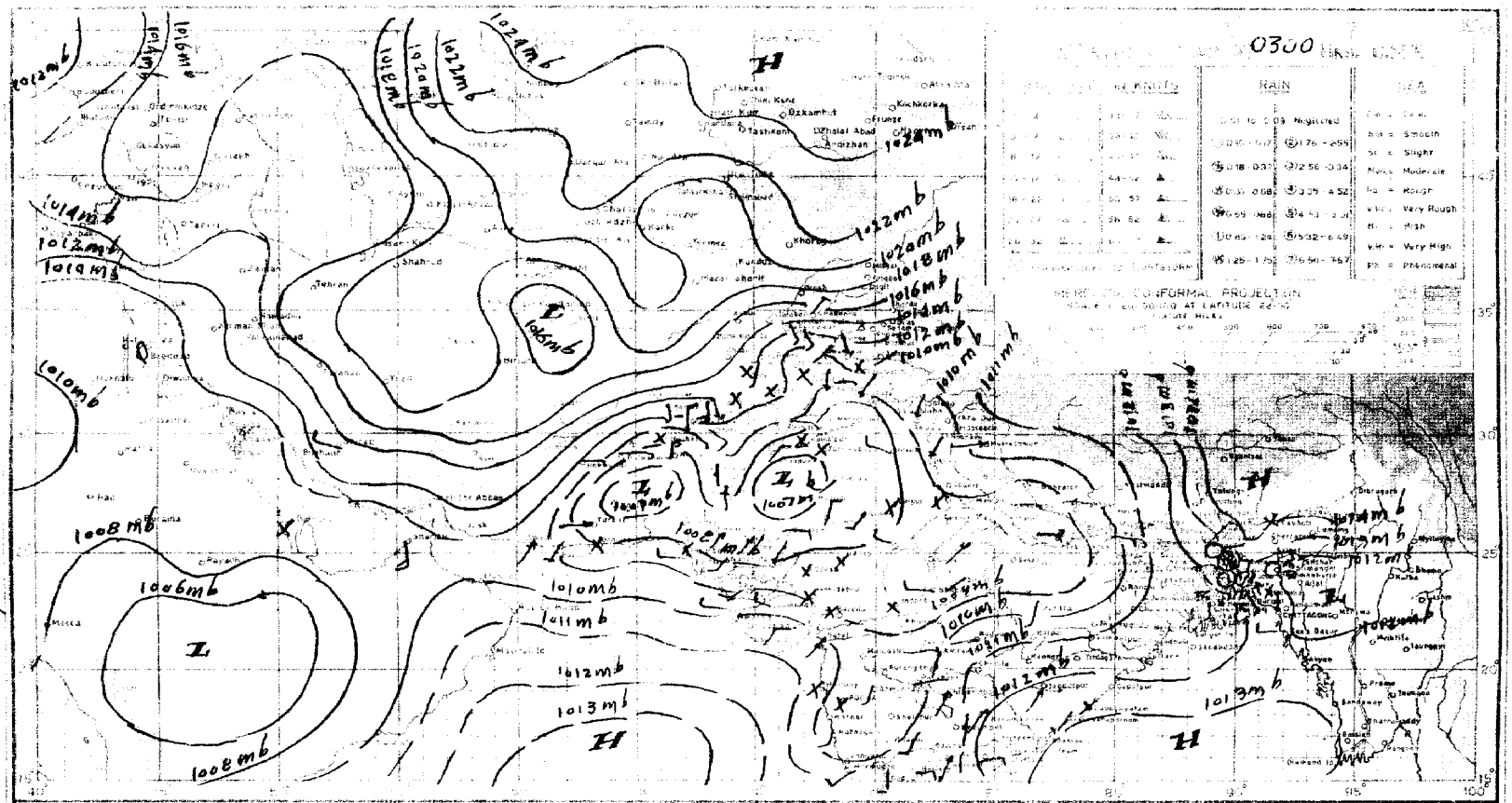
PAKISTAN DAILY WEATHER MAP

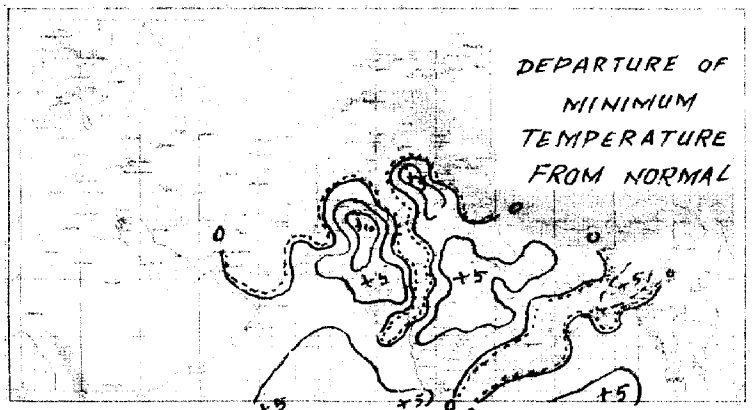
MONDAY 13th APRIL 1970

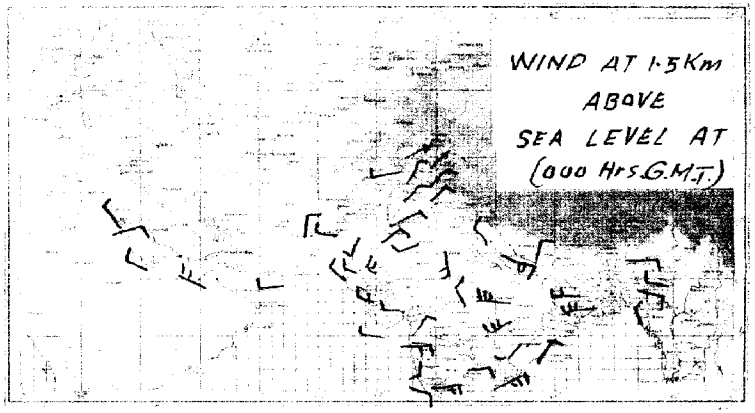


PAKISTAN DAILY WEATHER MAP

TUESDAY 14th APRIL, 1970.







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Pages 1—2 Rs: 5/-

Reg. No. S-1467
Volume No. 24

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th APRIL, 1970.

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

Yesterday's secondary western disturbance over Kashmir moved away eastwards. The western disturbance over northeast Iran now lies over Afghanistan and adjoining areas. Its secondary lies over Kalat and Quetta divisions. The low pressure area over Rajasthan persists.

Scattered rain/thundershowers have occurred in Peshawar and Quetta divisions. A few thunderstorm/light showers have also occurred in Rawalpindi, D. I. Khan and Khairpur divisions.

The trough of low pressure over Chota Nagpur and adjoining West Bengal has become more marked. Scattered rain/thundershowers have occurred in Chittagong and Dacca divisions and few falls of light rain in Khulna division.

Chief amounts of rainfall are Landikotal 1", Fort Sandeman ½" and Mymensingh ½".

Day temperature were 3—11 °F (2—6 °C) below normal in Dacca, Rajshahi and Quetta divisions and 3—9 °F (2—6 °C) above normal in Chittagong, Khulna, Lahore, Sargodha, Multan, Bahawalpur, Malakand, Peshawar, D. I. Khan, Kalat, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 16th April, 1970 :— Local rain/thundershowers with squally winds are likely to occur in Dacca and Chittagong divisions, scattered in Rajshahi, Peshawar, Rawalpindi, Lahore and Sargodha divisions. A few dust/thunderstorms are also likely to occur elsewhere in West Pakistan outside Kalat division.

Karachi-11
The 15th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
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 Clud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	1	23	05	95	04	0	087	91	1	1	7	0	0	58	98	000	0	7	18	05	96	04	0	127	87	2	4	6	0	0	73	75	—	—	0.7	—	3.4	
	Cox's Bazar	000	0	0	27	06	96	02	0	088	88	0	0	9	0	0	72	91	000	0	3	18	09	97	01	0	118	84	2	4	5	3	0	72	73	+ 2	0	—	—	—	140
	Chittagong	008	0	1	23	10	94	02	0	086	87	1	2	5	0	0	73	93	000	0	5	13	04	96	03	0	115	84	2	8	4	3	0	78	73	+ 4	0	0.5	− 1.4	0.9	109
	Maijdee Court	000	0	0	18	05	98	00	0	077	90	0	0	9	0	0	73	93	000	9	6	00	00	96	03	2	109	86	3	5	4	2	0	75	77	+ 4	+ 1	0.6	− 1.2	1.1	115
	Comilla	000	0	0	00	00	96	02	0	080	90	0	0	9	0	0	//	93	000	0	0	00	00	96	02	0	092	//	0	0	9	0	0	82	//	+ 1	/	1.4	− 0.8	4.7	94
	Brahmanbaria	000	0	0	00	00	97	00	0	078	90	0	0	9	0	0	72	//	000	0	3	18	07	97	03	1	098	86	3	5	5	0	0	75	75	—	—	—	—	—	78
	Sylhet	000	0	3	09	05	96	02	0	083	80	0	0	3	3	0	67	86	000	9	7	09	03	96	02	9	108	77	2	2	5	2	0	74	71	—	—	3.1	—	9.5	—
	Srimangal	000	0	0	36	02	96	00	0	085	85	0	0	9	0	0	70	91	000	0	4	36	05	96	02	0	102	82	2	9	5	7	2	73	71	0	+ 3	—	—	—	98
Dacca	Mymensingh	009	9	4	13	02	97	02	2	137	78	4	4	4	0	0	72	87	018	9	7	13	02	90	03	2	102	84	7	5	4	0	0	72	73	− 4	+ 1	—	—	—	91
	Narayanganj	000	0	0	00	00	95	00	0	072	91	0	0	9	0	0	76	91	000	0	8	06	02	97	02	2	096	86	8	6	3	/	/	77	73	− 2	+ 5	—	—	—	74
	Dacca (Tejgaon)	000	0	0	13	05	97	01	0	069	90	0	0	9	0	0	67	93	000	0	6	18	09	97	03	0	055	84	6	6	3	0	0	56	77			0.9	—	3.3	
	Faridpur	000	0	0	16	02	97	00	0	063	90	0	0	9	0	0	72	91	000	0	8	16	05	97	03	2	0//	82	6	4	5	1	0	77	75	− 3	+ 2	—	—	—	71
Khulna	Barisal	000	0	0	18	05	96	02	0	075	87	0	0	9	0	0	73	93	006	2	6	23	09	97	02	6	097	84	6	4	5	0	0	77	79	+ 1	+ 4	—	—	—	81
	Khulna	000	0	0	00	00	97	00	0	076	91	0	0	9	0	0	72	96	000	0	4	16	03	97	2	0	093	84	0	0	9	0	0	79	79	+ 3	+ 5	—	—	—	68
	Satkhira	000	0	0	23	04	97	00	0	069	90	0	0	9	0	0	68	98	000	0	5	00	00	97	00	0	148	77	3	0	3	1	0	69	81	+ 3	—	—	—	—	65
	Jessore	000	0	0	19	10	97	02	0	052	91	0	0	9	0	0	64	98	000	0	6	21	10	97	02	2	084	84	3	5	4	7	/	72	77	—	—	3.1	+ 2.1	6.8	65
Rajshahi	Pabna	000	0	0	13	02	98	03	1	151	91	0	0	9	0	0	73	93	000	0	4	18	05	98	01	1	086	87	4	8	7	0	0	75	74	—	—	0.8	—	3.9	59
	Sirajganj	000	0	0	00	00	96	00	0	068	86	0	0	9	0	0	70	90	000	0	8	18	02	98	02	2	089	81	8	4	4	0	0	75	75	− 6	+ 4	1.5	+ 0.1	3.5	64
	Rajshahi	000	0	0	09	02	96	02	0	055	90	0	0	9	0	0	73	91	000	0	7	09	02	96	02	2	083	82	5	4	4	/	0	75	75	− 6	+ 2	0.1	− 0.5	2.1	—
	Bogra	000	0	3	09	03	96	03	0	068	87	3	0	9	7	0	72	//	000	0	7	09	05	96	02	1	088	79	4	5	4	7	0	75	75		+ 4	0.2	− 0.7	1.7	69
	Dinajpur	000	0	0	09	02	96	00	0	042	87	0	0	9	0	0	67	91	000	3	7	09	03	96	01	1	098	79	7	0	9	2	/	62	73	4	+ 3	—	—	—	73
	Rangpur	000	0	0	00	00	96	01	0	135	86	0	0	9	0	0	64	93	000	0	0	00	00	96	01	0	114	79	0	0	9	0	0	69	//	+ 1	/	—	—	—	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	97	01	0	043	98	0	0	9	0	2	51	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6		—	—	—	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	030	88	0	0	9	0	0	48	//						32
Rawalpindi	Jhelum	000	3	6	00	00	97	03	1	043	00	5	0	9	7	1	51	02	000	4	2	31	03	97	01	1	075	82	1	0	9	3	1	46	71	—	—	—	—	—	—
	Islamabad																																								
	Rawalpindi	000	0	7	27	03	98	02	2	055	90	0	0	9	0	9	54	95	000	3	6	05	03	98	03	9	075	75	3	5	6	6	0	58	69	+ 9	+ 10	0.2	− 1.1	8.7	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	8	36	//	98	03	2	048	98	3	5	9	4	0	73	00	000	0	0	00	//	98	00	0	077	81	0	0	9	0	0	64	65	+ 9	− 2	—	—	—	15
	Sargodha	000	0	7	05	03	97	03	1	045	95	2	8	0	3	1	58	00																							—
	Lyallpur	000	0	4	07	02	97	02	0	045	91	0	0	9	0	4	64	96	000	0	0	29	02	96	00	0	067	75	0	0	9	0	0	64	69	+ 3	+ 5	0.0	− 0.3	1.2	12
Multan	Sahiwal																																								18
	Multan	000	0	3	13	02	97	02	1	038	00	1	0	9	3	2	56	00	000	0	6	36	07	97	02	2	099	79	2	5	6	2	1	59	73	+ 5	+ 7	0.0	− 0.2	0.8	7
	Leiah	000	0	8	36	02	95	00	0	030	96	0	0	9	0	0	67	98	000	0	8	36	05	93	02	2	///	//	0	0	9	6	2	65	78	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	5	23	02	96	03	2	093	00	1	0	9	3	2	43	03	000	0	4	36	03	96	03	1	102	81	2	6	9	3	2	56	73	+ 4	+ 8	—	—	—	6
	Bahawalpur	...	...	...					...										000	0	0	00	00	95	07	2	097	82	0	0	9	0	0	56	75		+ 10	0.0	− 0.1	0.4	6
	Fort Abbas	000	0	0	27	02	98	00	0	028	03	0	0	9	0	0	60	04	000	0	0	36	02	98	00	0	039	77	0	0	9	0	0	49	62	—	—	0.0	—	0.1	8
Malakand	Chakdra	000	0	8	30	30	98	03	1	046	84	8	0	9	1	0	58	24	003	0	7	09	02	97	21	5	112	64	7	0	9	7	0	58	64	—	—	0.0	—	6.4	—
Peshawar	Peshawar	000	0	8	27	05	97	03	1	070	86	1	3	6	2	1	51	90	005	6	8	27	05	96	61	6	134	68	4	5	6	2	/	62	65	+ 6	+ 5	0.1	− 1.0	3.3	11
	Haripur	000	0	0	23	02	97	00	0	///	95	7	0	9	0	0	45	96	015	2	8	36	01	96	03	6	014	69	8	5	6	0	0	59	62	—	—	0.2		7.6	—
D. I. Khan	Bannu	000	0	8	27	02	98	04	2	078	82	7	2	6	0	0	52	90	000	0	7	27	01	90	50	5	108	69	7	2	6	0	0	60	65	—	—	—	—	—	11
	D. I. Khan	000	0	7	31	03	96	03	1	053	//	7	0	9	8	/	49	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					9
Quetta	Sibi	000	0	6	36	03	97	03	1	057	96	6	0	9	4	2	68	99	000	0	2	35	03	97	03	1	109	78	5	8	9	2	7	58	76	—	—	0.0	—	0.9	5
	Nokkundi	000	0	8	18	03	96	02	0	117	73	8	5	6	0	0	52	81	000	0	0	36	03	96	02	0	142	65	0	0	9	0	0	41	57	—	—	0.0	—	2.6	2
Kalat	Turbat	000	0	0	09	02	98	00	0	100	93	0	0	9	0	0	82	54	000	0	0	05	02	98	00	0	132	79	0	0	9	0	0	61	//	—	—	0.0	—	0.7	—
	Jiwani	000	0	5	18	07	96	01	2	081	86	3	5	5	3	0	64	91	000	0	0	27	02	96	01	1	117	75	0	0	9	0	0	67	69	—	—	0.0	—	0.3	8
	Pasni	000	0	7	25	02	97	02	0	078	84	3	4	9	0	0	77	90	000	0	0	29	06	97	02	0	108	71	0	0	9	0	0	68	66	+ 2	0	0.0	− 0.4	2.5	6
Karachi division	Ormara	000	0	5	27	12	96	02	2	072	85	0	5	9	0	0	75	91	000	0	0	00	00	96	02	0	106	81	0	0	9	0	0	06	//	—	—	—	—	—	6
	Lasbela	000	0	4	23	02	98	00	0	054	02	0	0	8	0	0	46	06	000	0	3	00	00	98	00	0	097	81	0	0	8	0	0	55	77	—	—	—	—	—	8
	Karachi (Manora)	000	0	6	25	07	97	03	1	059	82	0	0	9	0	4	75	95	000	0	3	00	00	96	01	2	100	82	0	0	9	/	0	73	78	− 1	+ 5	0.0	− 0.1	1.1	8
	Karachi (Airport)	000	0	5	27	09	96	03	1	051	95	0	0	9	0	5	64	05	000	0	6	00	00	96	03	2	0:8	82	6	0	9	3	0	63	78	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	119	02	0	6	6	6	0	62	02	000	0	0	05	02	97	02	0	131	83	0	6	6	6	0	83	83	—	—		—	0.0	—
	Chhor	000	0	5	00	00	96	01	2	040	03	0	0	9	3	7	59	06	000	0	7	27	02	96	03	2	095	81	2	0	9	8	8	67	77	—	—	0.0	—	2.5	7
	Hyderabad	000	0	5	23	03	97	01	2	043	05	3	0	9	3	/	69	07	000	0	6	00	00	97	01	1	105	83	3	0	9	3	5	61	81	+ 6	+ 10	0.0	0.0	1.1	9
	Badin	000	0	6	23	03	97	03	0	061	04	0	0	9	0	6	65	06	000	0	4	23	03	96	03	0	104	81	0	0	9	0	4	72	79	+ 6	+ 7	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	5	05	02	96	01	2	042	03	1	5	7	7	0	48	04	000	0	3	29	03	96	01	1	104	79	3	0	9	7	0	56	74	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	00	00	97	01	6	045	01	3	4	6	3	0	65	05	000	0	4	13	03	96	02	0	099	83	0	0	9	0	8	60	76	—	—	0.0	—	0.4	4
	Sukkur	000	8	7	31	02	95	05	4	052	04	7	0	9	9	0	61	06	000	2	6	13	03	96	03	1	099	82	6	0	9	6	8	61	74	—	—	0.0	—	0.9	—
	Kashmore																																								4
	Jacobabad	000	0	7	23	03	96	03	2	038	01	1	5	6	1	8	63	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					80
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								34
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Minsar **																																								—
	Alliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *																																								18
Malakand	Drosh *	015	5	7	00	00	96	29	9	537	62	7	9	8	0	0	47	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					29
Peshawar	Cherat *	000	0	8	02	05	98	03	2	493	73	0	0	9	3	0	50	80	005	7	8	34	01	98	50	6	505	51	8	7	6	0	0	59	58	+ 17	+ 12	—	—	—	—
	Kakul *	000	0	6	31	12	99	01	2	490	82	4	4	5	0	1	47	85	001	1	8	07	09	97	17	6	505	68	8	7	4	/	/	47	62	—	—	0.0	—	14.2	—
	Landikotal *	000	0	8	31	05	98	03	2	544	73	8	7	6	/	/	64	80	104	4	8	03	02	98	0/	/	4?0	58	8	7	6	/	/	56	58	—	—	—	—	—	89
	Parachinar *	023	5	8	13	03	96	95	9	534	53	8	9	5	/	/	//	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					13
D. I. Khan	Miranshah *	000	0	3	05	05	97	02	0	5?2	84	8	0	9	0	0	52	87	036	1	8	05	05	97	02	0	///	62	8	0	9	0	0	54	58	—	—	—	—	—	11
	Wana *	015	5	8	13	02	97	60	2	475	60	8	2	7	8	0	58	67	000	0	6	13	02	98	00	0	473	60	4	2	7	0	0	54	54	—	—	—	—	—	13
Quetta	Fort Sandeman *	002	7	7	02	01	97	01	5	489	66	4	4	7	4	0	50	74	052	0	6	23	02	98	01	6	497	57	3	5	7	3	0	52	47	− 3	+ 5	0.5	− 0.1	3.3	—
	Hindubagh *	003	0	7	23	12	97	83	0	///	60	7	7	4	0	0	00	61	000	0	0	23	12	98	02	0	///	40	0	0	9	0	0	25	38	—	—	0.0	—	1.6	9
	Loralai *	000	0	8	27	03	98	01	0	490	68	0	1	9	0	8	50	//	000	0	4	09	03	97	01	0	480	54	0	1	9	0	4	43	52	—	—	0.1	—	2.2	—
	Barkhan *																																								14
	Harnai *	000	0	9	31	04	96	03	2	465	74	0	0	6	0	9	58	83	000	0	4	31	02	96	01	3	464	68	0	0	9	0	0	52	67	—	—	0.0	− 0.6	3.8	9
	Samungli (Quetta) *	008	6	8	36	03	96	50	5	523	53	6	5	6	3	0	49	67	000	0	0	00	00	96	02	0	528	49	0	0	9	0	0	47	46	—	—	0.0	− 0.6	2.9	9
	Chaman *	000	0	8	23	03	95	00	0	486	83	0	0	6	0	0	76	//	000	0	6	00	00	96	00	0	491	78	0	0	9	0	0	63	65	/	+ 9	0.0	− 0.3	7.7	—
	Nushki *	000	0	4	31	04	97	03	5	559	62	0	0	9	0	3	27	94	000	0	0	07	03	97	02	0	559	63	0	0	9	0	0	29	54	—	—	0.0	—	3.5	4
	Dalbandin *	000	8	8	05	10	95	07	3	512	72	8	3	6	2	0	47	74	000	0	0	00	00	97	02	0	517	61	0	0	9	0	0	46	54	− 11	− 2	0.0	− 0.3	3.3	9
Kalat	Kalat *	005	5	7	34	02	96	00	2	510	70	8	5	9	2	/	49	96	000	0	0	38	02	98	00	2	527	40	0	0	9	0	0	36	30	+ 7	− 13	0.0	− 0.8	3.0	—
	Khuzdar *	000	0	7	27	03	97	01	2	483	79	4	5	6	2	0	42	83	000	0	0	31	02	96	01	0	503	69	0	0	9	0	0	42	63	—	—	0.0	—	2.6	—
	Panjgur *	000	0	6	36	07	95	05	1	487	75	4	4	6	0	0	55	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 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 0300 hrs. G.M.T. of the same day

Where ever 999 is given RRR see the summary sheet for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th APRIL, 1970.

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	$7RRt_Rt_R$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Gwendola ...	99 2 29	10 5 95	14 0 63	73 0 03	98 0 22	09 5 29	76 6 00	..	74 1 00	...	00 7 23	12 5 85	30 1 01	..
Gwendola ...	99 2 44	10 5 82	14 1 23	23 0 24	98 0 20	06 8 31	25 6 00	..	...	84 7 12	01 0 38	12 6 54	30 1 01	...
Dwarka ...	99 3 35	10 6 75	14 1 83	32 4 10	98 0 11	09 5 26	37 5 10	81 1 08	...	...	00 1 25	..	30 5 00	27 5 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	006 244 15	...	490 200 77	135 092 62	582 085 79	752 189 81	959 367 //	226 583 //	403 691 //	...	...	...	...
Dacca ...	00 00	007 270 27	...	425 202 //	121 094 //	582 045 //	753 175 //	962 339 //	232 551 //	413 615 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	006 254 57	...	400 180 57	112 100 //	583 035 //	766 135 //	969 255 //	253 425 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	970 200 50	...	450 100 45	052 014 41	569 131 15	736 225 22	942 351 //	214 519 //	399 541 //	...	...	...	...
Quetta ...	00 00	MISDA	...							...	...	...	...	...
Sargodha ...	00 00	995 230 56	...	560 154 56	169 040 56	582 125 //	749 211 //	957 315 //	239 401 //	...	...	...	...	...

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								...	...	...	...	...
Dacca ...	00 00	900 230 79	880 170 67	605 000 60	600 007 60	553 039 //	507 039 //	450 255 //	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	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	At 0600 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal ...	180 23	205 15	230 17	230 17	235 19	225 25	265 17	275 39	235 40	220 10	225 14	240 16	...	...	...	200 25	205 26	210 32	210 37	...	...	...	...	...		...
Bogra ...	100 05	180 07	180 09	220 18	260 02	275 31	210 39	285 42	295 51	190 11	195 12	235 10	...	...	...	090 04	130 02	145 02	...		...	...	...	...	...	...
Chakiala ...	...	290 12	299 12	010 02	185 06	105 12	085 13	...	...	...	315 15	310 13	...	...	...	No	Ascent	...	...		...	...	...	...	...	...
Chhor ...	255 05	255 09	250 10	260 03	180 02	205 03	220 04	...	...	290 12	230 10	265 12	230 17	200 14	170 11	030 14	030 12	350 06	270 07	255 09	285 10	340 10	...	...	...	...
Chittagong ...	230 12	225 13	225 13	200 10	190 12	260 16	305 14	295 23	300 32	285 06	285 08	225 07	225 23	230 23	320 19	190 05	190 12	210 13	2 5 23	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	245 11	225 12	225 12	260 13	260 15	240 12	245 13	040 12	245 12	160 06	205 10	215 11	215 14	210 20		175 16	170 19	180 21	210 23	250 28	...	...	...	...	...	...
Dacca ...	170 08	175 12	190 13	215 16	220 20	275 30	295 38	295 45	300 39	190 19	205 21	220 19	235 21	235 23	260 19	180 22	180 17	200 12	205 15	220 24	...	...	...	...	...	...
Dalbandin ...	...	...	085 13	065 14	065 05	...	...	...	...	...	...	070 02	210 04	285 07	300 12	...	...	080 06	195 02	255 06	250 11	340 14	340 10	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	255 01	065 03	163 02	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	015 07	150 02	165 17	185 34	...	...	...	...	...	145 04	040 07	310 23	...	...	...	265 04	280 05	260 17	290 36	250 37	...	...	...
Gilgit ...	...	...	...	110 01	190 07	095 09	140 07	205 07	190 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	125 08	140 05	200 10	225 15	250 19	290 23	300 23	...	...	180 15	220 16	...	...	...	...	200 05	210 06	235 09	...	...	...	...	...	...	...	...
Jacobabad ...	220 07	210 05	200 08	195 16	205 20	...	...	...	...	350 28	350 34	320 42	325 42	320 25	...	010 14	345 12	345 12	295 16	265 21	230 29	240 45	245 44	245 62	265 31	105 85
Jessore ...	195 19	205 19	215 17	230 25	255 17	285 12	285 25	...	...	205 17	210 29	240 12	300 11	325 18	255 13	215 13	215 30	250 08	245 24	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	330 15	335 13	135 06	160 11	150 08	175 12	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	205 18	225 09	310 05	...	...	...	...	...	...	355 03	050 03	080 06	360 03	320 08	320 14	185 02	120 03	120 03	295 05	340 09	020 09	325 14	345 12	320 13	270 19	765 21
Karachi ...	275 10	245 11	245 08	175 30	160 08	185 09	215 31	235 27	...	...	...	...	...	...	...	030 03	010 03	330 06	250 11	250 19	235 26	230 46	245 41	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	395 04	250 05	220 05	150 08	130 12	155 15	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	265 05	265 14	190 13	...	...	...	...	...	...	305 06	265 20	215 19	...	...	...	330 04	290 11	270 18	260 23	245 25	240 31	240 34	...
Lahore ...	065 03	060 04	090 03	110 03	100 02	160 03	150 07	160 06	180 10	075 10	100 11	120 09	140 08	175 07	185 06	050 04	145 08	150 11	145 08	180 06	250 06	...	...	...	...	...
Multan ...	205 03	210 02	200 01	155 07	165 09	205 10	255 29	265 54	...	005 14	015 20	335 21	255 16	215 19	235 29	200 06	305 05	260 06	205 22	215 26	210 40	...	...	...	...	...
Nawab Shah ...	105 02	125 02	215 03	320 05	290 06	250 18	185 34	...	...	015 23	010 26	030 15	240 09	230 13	200 14	015 11	355 13	005 10	080 03	240 14	245 26	235 56	235 66	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	025 01	235 02	...	...	...	...	...	...	...	...	...	...	...	...	...	080 03	060 06	020 05	360 04	835 06	...	...	...
Peshawar ...	...	340 07	330 06	015 04	120 05	145 11	...	...	...	...	005 1/	030 12	050 12	050 10	120 16	No	Ascent	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	155 10	170 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	360 08	225 17	185 28	...	...	...	...	...	...	230 06	235 13	...	...	...	...	279 05	285 16	275 38	260 54	...	...	...
Sargodha ...	060 03	075 04	075 06	075 05	140 07	205 10	...	...	...	300 10	050 11	115 07	185 11	210 09	250 13	No	Ascent	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	240 01	245 01	270 02	195 06	175 01	...	...	...	...	...	...	...	...	...	...	180 01	150 01	305 03	...	...	...	...
Sylhet ...	078 17	075 18	095 08	200 10	225 23	260 26	...	...	...	180 05	190 05	185 05	200 13	235 25	255 27	040 01	165 01	275 06	240 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	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 23	280 21	270 23	270 31	270 10	240 09	250 29	260 34	260 35	260 25	255 29	255 30	265 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

Ta—[illegible] value in (O °C) [illegible] values indicate positive and odd [illegible] temperatures.

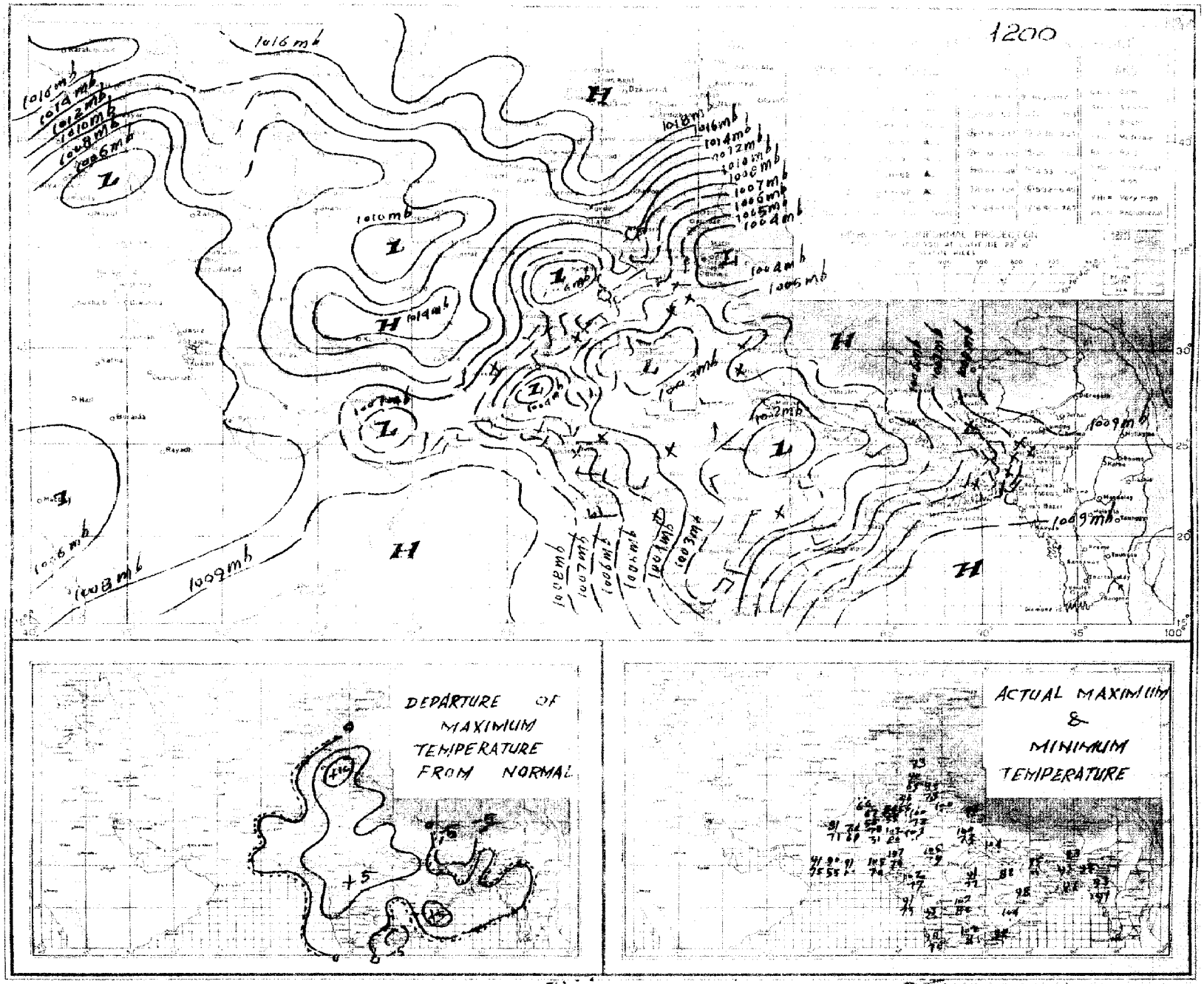
* The actual time of observations may vary within half an hour of the specified time.

* 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 [illegible] Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

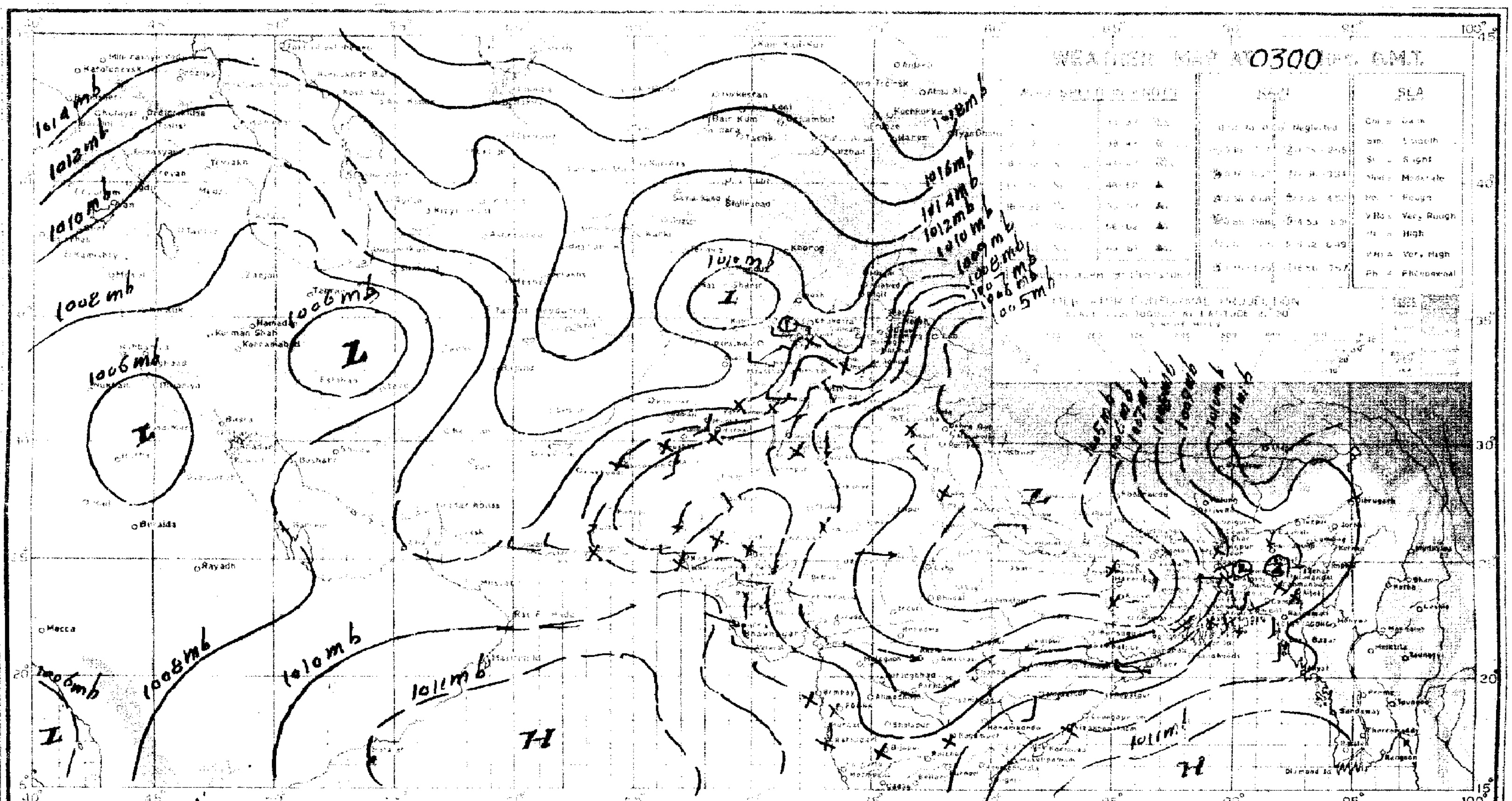
TUESDAY 14th APRIL 1970

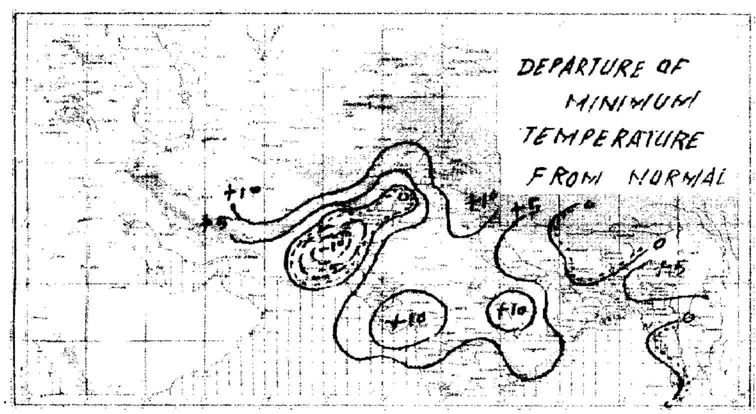


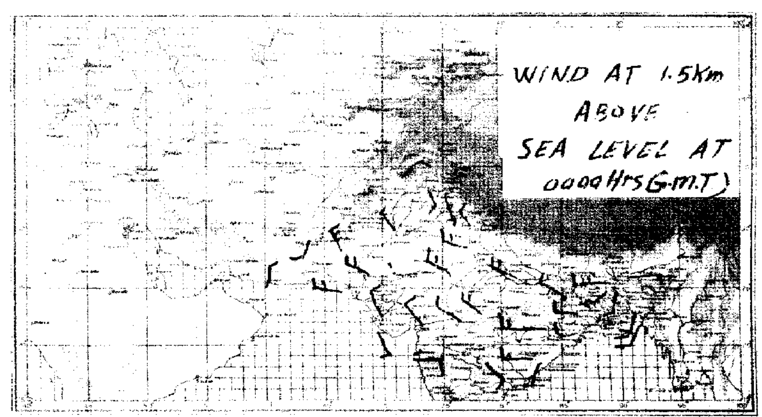
AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th APRIL 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 16th APRIL, 1970.

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

Yesterday's western disturbance over Afghanistan and adjoining areas now lies over Peshawar division and adjoining areas. It secondary over Kalat and Quetta division now lies over Quetta division and neighbourhood.

Yesterday's low pressure area over Rajasthan now lies over central Rajasthan. Local rain/thundershowers have occurred in Peshawar division. Scattered in Rawalpindi, Bahawalpur and D. I. Khan division.

The trough of low pressure over Chota Nagpur and adjoining West Bengal moved slightly eastwards.

A westerly low pressure wave is moving across west Utter Pradesh. Local rain/thundershowers with a few heavy falls have occurred in Chittagong division, scattered in Khulna and Rajshahi division. A few falls of light rain have also occurred in Dacca division.

Chief amounts of rainfall are recorded in Sylhet 8", Brahmanbaria 1", Sirajganj, Bogra and Chakdara (upto 1200 Z) ¾" each, Srimangal, Peshawar, Kakul and Cherat (upto 1200 Z) ½" each, Khairpur (upto 1200 Z) and Haripur (upto 1200 Z) ¼".

Day temperature these were 3—8 °F (2—4 °C) below normal in Dacca, Rajshahi, Rawalpindi, Sargodha, Malakand and D. I. Khan divisions and 3—9 °F (2—5 °C) above normal in Chittagong, Multan, Kalat, Karachi and Hyderabad divisions.

Forecast valid until the evening of 17th April, 1970 :— Local thunderstorm/showers with squally winds are likely to occur in Chittagong, Dacca and Rajshahi divisions, scattered in Khulna, D. I. Khan, Peshawar, Rawalpindi divisions and in Kashmir. A few dust/thunderstorm are also likely to occur in Lahore, Sargodha, Multan, Bahawalpur and Quetta divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 16th April, 1970.

NASIM-UD-DIN QURESHI
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 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	23	05	95	04	0	076	85	2	3	6	0	0	73	96
	Cox's Bazar	000	0	7	23	09	96	03	2	079	85	5	3	4	3	0	73	87
	Chittagong	000	0	6	18	15	95	01	2	074	85	4	8	4	3	0	77	90
	Maijdee Court	000	0	3	19	09	97	02	1	069	85	3	2	5	0	0	77	93
	Comilla	000	0	6	18	09	96	02	2	060	96	6	4	4	0	0	86	91
	Brahmanbaria	000	0	4	18	07	98	03	1	054	87	4	4	5	0	0	73	91
	Sylhet	000	1	8	00	00	98	03	0	051	80	4	5	4	7	0	73	80
	Srimangal	000	0	7	36	09	96	02	0	058	91	5	9	4	7	2	72	91
Dacca	Mymensingh	000	0	4	00	00	97	01	2	046	87	4	5	6	0	0	92	91
	Narayanganj	000	0	0	03	04	95	00	0	040	85	0	0	9	0	0	78	87
	Dacca (Tejgaon)	000	0	5	23	05	97	01	2	050	87	4	8	5	6	0	73	93
	Faridpur	000	0	2	20	02	97	01	2	058	90	2	4	6	0	0	73	91
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	0	16	03	97	00	0	037	87	0	8	9	0	0	77	91
	Satkhira	000	0	4	23	02	96	03	1	037	87	4	8	1	1	0	73	98
	Jessore	000	0	2	16	14	97	03	8	036	90	1	3	6	1	8	73	96
Rajshahi	Pabna	000	0	3	23	05	98	01	2	022	91	3	2	7	8	0	72	96
	Sirajganj	000	0	4	18	02	96	01	1	036	87	4	1	6	0	0	76	87
	Rajshahi	000	0	3	05	02	96	02	0	120	93	3	4	5	0	0	73	95
	Bogra	000	0	2	09	02	96	02	0	034	90	1	2	5	3	0	76	93
	Dinajpur	000	0	0	09	05	96	00	0	040	08	0	0	9	0	0	64	87
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	36	05	56	02	2	069	82	5	5	6	3	0	58	93
	Sialkot																	
Rawalpindi	Jhelum	004	2	7	05	21	97	01	6	070	73	3	5	6	7	0	60	90
	Islamabad	000	5	6	00	00	96	03	6	///	73	2	3	5	6	2	70	73
	Rawalpindi	012	5	7	05	02	98	02	6	098	72	0	0	9	0	6	61	80
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	066	80	0	0	9	0	0	76	85
	Sargodha	...	...	...	...	...	...	...		...		...	...		...			...
	Lyallpur	000	4	0	00	00	97	00	3	061	85	0	0	9	0	0	63	87
Multan	Sahiwal	000	5	6	00	00	97	02	0	046	93	1	0	9	3	0	63	100
	Multan	000	0	8	36	06	95	02	2	066	98	0	0	9	0	8	56	98
	Leiah																	
Bahawalpur	Khanpur	034	0	0	23	05	97	02	9	048	96	0	0	9	0	0	50	90
	Bahawalpur	000	0	0	00	00	95	00	0	///	100	0	0	9	0	0	67	105
	Fort Abbas																	
Malakand	Chakdra	084	8	6	23	05	97	01	6	113	64	6	0	9	6	0	50	67
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...		...		...	...
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...		...		...	...
D. I. Khan	Bannu	000	0	3	07	02	97	02	5	077	80	3	2	7	0	0	58	92
	D. I. Khan	010	0	1	00	03	97	02	6	053	90	0	0	9	0	8	56	90
Quetta	Sibi	000	0	0	18	02	97	02	0	059	96	0	0	9	0	0	48	98
	Nokkundi	000	0	0	27	07	96	02	0	057	92	0	0	9	0	0	50	93
Kalat	Turbat	...	...	...	...	...	...					...	...		...			
	Jiwani	000	8	0	23	08	96	02	0	095	90	0	0	9	0	0	55	94
	Pasni	000	0	0	25	26	96	00	00	097	92	0	0	9	0	0	68	100
	Ormara	000	0	0	27	10	96	02	0	077	97	0	0	9	0	0	56	103
Karachi division	Lasbela	...	...	...	...	...			...	...		...	...			...		...
	Karachi (Manora)	000	0	0	27	09	97	02	0	069	85	0	0	9	0	0	75	89
	Karachi (Airport)	000	0	2	23	05	96	01	2	068	93	2	6	5	0	0	57	99
Hyderabad	Nagarparker	000	0	0	05	03	97	02	0	119	102	0	0	9	0	0	//	102
	Chhor	000	0	5	27	03	96	03	0	047	104	3	0	9	5	1	54	105
	Hyderabad	000	0	3	27	02	97	01	1	060	103	2	0	9	3	1	54	103
	Badin	000	0	0	36	06	97	02	0	068	104	0	0	9	0	0	58	106
Khairpur	Padidan	000	0	0	23	03	97	01	0	058	103	0	0	9	0	0	41	104
	Nawabshah	000	0	0	27	02	97	01	0	064	101	0	0	9	0	0	60	103
	Sukkur	000	6	6	22	02	96	03	2	060	98	6	2	9	0	8	62	99
	Kashmore	...	...	...	...	...	...	...							...		...	...
	Jacobabad	000	0	0	31	03	97	02	0	054	99	0	0	9	0	0	29	99
Junagadh	Versaval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	8	00	00	94	65	6	519	50	8	7	5	0	0	49	60
Peshawar	Charat *	040	9	6	36	03	98	01	4	485	59	6	7	6	0	0	56	63
	Kakul *	064	5	7	31	05	97	01	9	497	56	6	7	4	2	0	54	70
	Landikotal *	000	0	8	36	02	98	03	4	462	58	8	7	6	0	0	45	43
	Parachinar *																	
	Miranshah *	000	0	0	05	05	99	00	0	512	85	0	0	9	0	0	51	87
D.I. Khan	Wana *	000	0	4	31	07	98	00	0	514	73	4	2	8	0	0	43	73
Quetta	Fort Sandeman *	000	0	5	23	09	97	01	2	478	73	3	4	7	3	0	26	74
	Hindubagh *	000	0	6	23	13	97	03	0	///	52	6	1	5	0	0	40	55
	Loralai *	000	0	0	18	08	97	00	0	475	73	0	0	9	0	8	52	70
	Barkhan *																	
	Harnai *	000	0	0	31	04	96	00	2	465	76	0	0	9	0	0	58	83
	Samungli (Quetta) *	000	0	0	27	10	97	02	0	498	71	0	0	9	0	0	34	72
	Chaman *	...	...	...			...	...	...	...		...	...	...	...		...	...
	Nushki *	000	0	0	31	04	97	02	0	572	78	0	0	9	0	0	44	73
	Dalbandin *	000	0	0	23	03	96	02	0	512	87	0	0	9	0	0	23	87
Kalat	Kalat *	000	0	0	34	01	98	00	2	495	65	0	0	9	0	0	32	78
	Khuzdar *	000	0	0	31	02	97	02	0	484	83	0	0	9	0	0	19	84
	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 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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	002	1	7	18	09	96	95	1	113	79	3	7	6	7	...	73	73	—	—	0.7	—	5.4	-
	Cox's Bazar	004	6	7	13	08	96	03	1	103	82	6	5	4	3	0	75	[illegible]	— 2	+ 4	0.0	— 1.3	0.3	140
	Chittagong	005	3	6	13	16	96	02	9	104	84	5	4	5	6	0	75	75	+ 1	+ 2	0.5	— 0.6	1.0	109
	Maijdee Court																		+ 4					115
	Comilla	000	0	7	08	03	96	02	2	072	79	7	6	5	0	0	79	77	+ 1	— 1	1.4	— 1.2	4.7	94
	Brahmanbaria	120	2	7	05	07	95	92	6	070	72	7	4	5	0	0	71	69	—	—	2.7	— 0.4	46.6	78
	Sylhet	829	9	8	09	02	96	95	9	099	73	7	7	4	5	0	73	56	—	—	11.5	—	18.9	—
	Srimangal	055	9	8	00	00	96	95	9	092	75	6	6	3	3	1	73	67	0	0	2.1	— 3.1	7.5	98
Dacca	Mymensingh	300	2	4	05	02	97	02	6	088	73	4	5	4	0	0	72	72	0	0	—	—	—	91
	Narayanganj	006	3	8	23	05	97	03	6	058	84	8	6	3	0	0	79	79	— 6	+ 5	3.2	+ 0.8	7.0	74
	Dacca (Tejgaon)	005	4	7	18	05	96	01	6	065	82	5	9	4	2	0	77	60	—	—	0.9	—	3.4	—
	Faridpur	000	0	6	20	09	97	02	2	065	87	5	4	5	1	0	79	79	— 3	+ 4	1.4	— 0.4	3.8	71
Khulna	Barisal	C00	0	7	18	07	97	02	2	078	84	7	6	5	0	0	79	81		+ 6	0.9	— 0.7	2.2	81
	Khulna	007	0	6	18	03	97	02	0	///	84	5	6	5	2	0	79	81	— 2	+ 6	2.0	+ 1.0	5.9	68
	Satkhira	000	0	5	23	03	96	00	0	091	//	2	3	7	8	0	79	86	+ 3	+ 11	1.4	+ 0.4	3.1	65
	Jessore	003	0	5	21	10	96	03	0	060	84	5	4	4	0	0	75	82	—	—	3.1	+ 1.8	0.6	65
Rajshahi	Pabna	010	9	0	23	05	99	02	9	052	86	0	0	9	0	0	79	[illegible]	..	—	1.5	—	4.6	59
	Sirajganj	080	2	8	05	02	96	61	3	075	75	3	4	6	2	0	73	//	— 9	—	2.3	+ 1.1	4.3	64
	Rajshahi	000	0	7	00	00	96	02	2	064	84	6	4	4	[illegible]	0	77	79	— 2	+ 6	0.1	— 0.5	2.1	—
	Bogra	073	7	7	05	05	96	03	9	070	75	4	3	3	2	0	73	75	— 4	0	0.9	— 0.1	2.4	69
	Dinajpur	000	0	6	09	03	96	01	1	103	78	6	0	9	2	0	70	72	— 8	+ 1	—	—	—	78
	Rangpur	000	0	3	05	05	96	01	1	143	79	3	0	9	[illegible]	0	73	64		— 6	0.0	— 0.8	1.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	31	03	97	01	0	088	[illegible]	1	0	9	3	0	58	65	— 1	— 9	0.0	— 0.4	2.0	19
	Sialkot																							33
Rawalpindi	Jhelum	000	0	0	31	05	97	01	0	102	70	0	0	9	0	0	56	63	—	—	—	—	—	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Rawalpindi	012	0	0	27	03	99	00	0	104	64	0	0	9	0	0	56	58	— 6	— 11	0.2	— 1.1	8.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	081	69	0	0	9	0	0	51	56	—	— 11	0.0	— 0.5	1.8	15
	Sargodha	000	0	6	31	05	97	02	0	097	73	0	0	9	0	0	54	59		—	0.0	—	1.7	—
	Lyallpur	009	6	0	29	02	96	00	9	088	70	0	0	9	0	0	60	63	— 6	— 2	0.1	— 0.2	1.3	13
Multan	Sahiwal	000	0	0	05	02	98	02	0	105	73	0	0	9	0	0	60	65	+ 5	— 3	0.0	— 0.2	0.8	18
	Multan	...		...	...	...	...	—	...	...		...	...		...	...		...	—					7
	Leiah																							8
Bahawalpur	Khanpur	034	0	0	30	07	97	02	0	099	77	0	0	9	0	0	59	86	— 9	0	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	017	76	0	0	9	0	0	60	67	+ 8	0	0.0	— 0.1	0.4	6
	Fort Abbas																							8
Malakand	Chakdra	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Peshawar	Peshawar	068	0	1	00	00	98	02	0	120	65	1	0	9	3	0	56	54		— 7	0.7	— 0.4	4.0	11
	Haripur	000	0	0	00	00	98	00	0	122	64	0	0	9	0	0	58	54		—	0.2	—	7.6	—
D. I. Khan	Bannu	000	0	2	31	01	95	01	1	122	62	0	0	9	2	0	56	58	—	—	0.2	—	1.7	11
	D. I. Khan	010	0	1	02	02	97	11	6	112	73	0	0	7	0	2	58	62	— 5	— 4	0.1	— 0.4	7.8	9
Quetta	Sibi	000	0	0	00	00	97	02	0	106	76	0	0	9	0	0	56	74	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	05	03	97	01	0	109	78	0	0	9	0	0	57	64	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	09	02	98	00	0	145	79	0	0	9	0	0	61	//		—	0.0	—	0.7	—
	Jiwani	000	0	0	27	05	96	07	0	119	77	0	0	9	0	0	62	73	—	—	0.0	—	8.3	8
	Pasni	000	0	0	29	04	97	02	0	106	71	0	0	9	0	0	61	68	+ 12	0	0.0	— 0.4	2.5	6
	Ormara	000	0	0	27	05	96	02	0	113	80	0	0	9	0	0	23	59	—	—	—	—	—	6
Karachi division	Lasbela	000	0	0	00	00	98	00	0	115	70	0	0	9	0	0	58	68	—	—	—	—	—	8
	Karachi (Manora)	...								...	...	...	...				—		+ 3					8
	Karachi (Airport)	800	0	0	31	03	96	02	0	097	79	0	0	9	0	0	69	73	—	—	0.0	—	3.0	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	121	83	0	0	9	0	0	83	93	—	—	0.0	—	0.1	—
	Chhor	000	0	0	00	00	96	02	0	139	82	0	0	9	0	0	52	67	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	00	00	99	02	0	097	82	0	0	9	0	0	52	72	+ 2	— 1	0.0	0.0	1.1	9
	Badin	000	0	0	27	03	97	02	0	116	73	0	0	9	0	0	65	71	+ 6	— 1	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	31	02	96	02	0	///	78	0	0	9	[illegible]	0	58	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	31	09	96	02	0	100	76	0	0	9	0	0	55	68	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	03	96	02	0	097	82	0	0	9	0	0	47	71	—	—	0.0	—	0.9	—
	Kashmore	000	0	0	05	03	58	02	0	098	88	0	0	9	0	0	48	69		—	0.0	—	0.0	4
	Jacobabad	000	0	0	00	00	96	02	0	097	78	0	0	9	0	0	40	70	0	— 1	0.0	— 0.1	2.1	20
Junagadh	Versaval																							16
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							20
	Sonamarg **																							1
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							8
	Aliabad *																							59
	Gilgit *																							10
Rawalpindi	Murree *																							
Malakand	Drosh *	106	0	7	00	00	96	02	2	517	47	7	7	5	0	0	45	//	— 8	— 5	—	—	—	20
Peshawar	Charat *	...									...		...	...		...	...	...	0					—
	Kakul *	064	0	0	36	03	99	01	1	485	75	0	0	9	0	0	49	56	—	—	0.7	—	15.9	—
	Landikotal *	...	...	...	.	...	...	...	—	—	...		...	...			...	...	—					39
	Parachinar *																							13
	Miranshah *	000	0	0	05	05	99	00	0	460	54	0	0	9	0	0	45	47	—	—	0.0	— 0.9	0.1	11
D.I. Khan	Wana *	000	0	0	00	00	98	00	0	472	60	0	0	9	0	0	54	56	—	—	0.0	—	4.4	12
Quetta	Fort Sandeman *	000	0	1	00	00	98	00	0	498	64	0	0	9	8	0	32	50	— 3	— 5	0.5	— 0.2	3.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	///	39	0	0	9	0	0	35	//	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	09	03	98	00	0	470	58	0	0	9	0	0	32	53	—	—	0.1	—	2.2	14
	Barkhan *																							9
	Harnai *	000	0	0	31	02	96	02	0	482	71	0	0	9	0	0	53	63	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta) *	000	0	1	00	00	96	03	0	523	54	1	0	9	0	1	43	40	—	—	0.1	— 0.6	3.0	—
	Chaman *	000	0	0	27	03	97	00	0	491	78	0	0	9	0	0	63	72		+ 6	0.0	— 0.3	7.7	—
	Nushki *	000	0	0	00	00	97	02	0	566	70	0	0	9	0	0	37	66	—	—	0.0	—	3.5	7
	Dalbandin *	000	0	0	09	04	97	02	0	523	70	0	0	9	0	0	27	55	+ 2	— 3	0.0	— 0.3	3.3	—
Kalat	Kalat *	000	0	0	13	02	98	00	2	512	52	0	0	9	0	0	35	31	+ 7	— 14	0.0	— 0.4	3.8	5
	Khuzdar *	000	0	0	00	00	96	02	0	512	47	0	0	9	0	0	40	39	—	—	0.0	—	2.6	—
	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 [illegible] for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 16th APRIL, 1970.

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
ARABAIN SEA														
Willington	99 1 41	10 6 77	15 1 03	82 1 06	98 0 32	12 4 28	35 5 30	11 1 05						
Chevronindhoven	99 1 30	10 6 07	15 1 03	73 6 08	98 0 22	10 1 27	9 / / / /	33 6 98						

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	004 260 31	...	410 184 56	098 070 35	578 087 //	747 221 57	953 265 57	220 295 //	...	...	...	...	...
Dacca	00 00	006 264 14	...	390 166 50	086 056 57	577 071 70	747 185 69	953 345 //	225 530 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	006 284 29	...	400 190 53	114 0741 //	778 125 //	744 254 //	948 365 //	212 510 //	...	...	...	...	...
Multan	00 00	995 190 20	...	440 350 13	094 010 65	571 145 //	735 285 //	935 441 /	...	...	...	...	...	...
Peshawar	00 00	971 178 12	...	350 128 21	969 040 25	561 153 24	726 293 //	926 405 //	197 401 //	...	...	...	...	...
Quetta	00 00	821 116 42	...	/// /// //	099 016 //	572 157 //	757 275 //	940 365 //	...	...	...	...	...	...
Sargodha	00 00	995 204 30	...	020 170 57	070 040 56	582 131 //	749 215 //	597 301 //	246 371 //	...	...	...	...	...

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	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 190 56	880 130 49	600 000 56	350 259 //	...	...	...	...	...	...	...	...
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	185 12	210 15	225 19	250 10	260 19		...	...	...
Bogra	115 12	140 10	140 10	195 12	210 19	260 37	270 47	...	...
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	235 06	345 06	340 04	300 05	275 05	255 25	235 29	...	...
Chittagong	175 10	195 10	210 16	250 24	270 22	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	180 06	180 09	205 11	220 18	220 19	230 15	...	...	
Dacca	180 15	185 30	190 26	285 17	210 15	...	...	...	
Dalbandin	...	...	...	300 39	250 07	285 34	310 27	265 47	270 39
D. I. Khan	080 04	115 04	250 02	280 10	250 20	255 17	240 22	245 35	...
Drosh	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	335 05	240 07	265 16	260 20	...	...
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi	115 09	110 09	145 12	180 13	...	...	...	...	...
Jacobabad	310 09	315 09	315 08	310 12	290 24	285 29	265 32	250 35	...
Jessore	185 25	190 28	205 25	250 15	270 15	280 24	285 21	...	...
Jhelum	040 23	085 17	160 07	260 12	240 15	210 35	...	...	
Jiwani	235 10	250 11	265 10	275 09	295 09	328 07	310 15	230 16	260 13
Karachi	225 17	220 13	220 17	050 06	250 08	275 15	260 28	...	
Khanpur	240 10	235 10	235 13	240 17	235 17	240 19	255 21	250 25	230 37
Khuzdar	...	...		310 10	300 06	280 11	285 30	275 34	275 29
Lahore	355 10	345 12	340 21	325 27	330 21	310 04	...	...	...
Multan	075 06	200 04	200 09	210 13	220 17	235 79	250 20	255 40	260 49
Nawab Shah	295 05	295 05	280 04	260 05	270 12	270 19	265 25	270 24	265 40
Nokkundi	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...
Parachinar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	260 07	275 15	285 31	285 79	...
Sargodha	...	...	...	...	...	...	...	...	...
Skardu	...	...	...	...	...	...	...	...	...
Sylhet	095 11	110 05	185 06	235 19	240 25	...	...	...	...
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	205 13	215 09	225 09		...	...
Bogra	220 10	245 26	285 08	305 17		
Chaklala	...	340 10	340 10	280 12	280 06	220 06
Chhor	300 12	225 09	315 08	295 05	250 37	250 32
Chittagong	160 36	205 26	205 20	220 10	265 79	345 36
Cherat	...	...	...			
Cox's Bazar	165 14	170 16	175 18	190 21	205 18	210 34
Dacca	195 26	205 27	245 23	245 21	260 21	255 28
Dalbandin	...	...	055 10	060 06	305 19	290 13
D. I. Khan	310 06	055 06	065 05	020 02	025 02	060 01
Drosh	...	...	...	110 01	330 01	030 01
Fort Sandeman	...	...	...	205 07	275 14	305 14
Gilgit	...	...	...	...	...	...
Ishurdi	...		...	...		...
Jacobabad	165 02	095 01	060 01	005 02	345 05	165 10
Jessore	225 12	230 15	230 15	260 09		...
Jhelum	305 17	340 13	340 13	275 10	265 05	270 07
Jiwani	275 19	290 18	285 19	285 09	265 07	350 05
Karachi	275 17	270 18	285 16	295 12	350 13	345 19
Khanpur	...	...	...	...	...	
Khuzdar	...	...	...	320 04	340 16	301 23
Lahore	345 09	340 06	350 04	335 08	330 11	335 11
Multan	100 06	115 09	140 09	220 08	260 09	340 12
Nawab Shah	290 15	205 15	290 08	300 06	270 07	305 16
Nokkundi	...	...	...	...	...	...
Panjgur	...	...	...			
Peshawar	...	220 06	270 08	320 21	290 18	280 22
Parachinar	...	...	...	...	...	...
Quetta	...	...	...	...	...	
Sargodha	350 07	350 08	305 05	310 10	295 11	270 16
Skardu	...	...	...	...	...	...
Sylhet	RAIN	...	...	...	...	...
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	210 21	225 23	235 25	...	...	...	...	...	...		...
Bogra	070 15	075 11	070 13								
Chaklala	...	290 08	310 13	305 14	310 06	165 09	195 09	220 16	215 16	200 17	220 29
Chhor	075 06	025 04	280 05	235 05	275 05	215 13	345 19	355 27	...	...	...
Chittagong	095 25	195 20	195 26	175 27	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar					...	...	...	...	...	...	...
Dacca	080 04	205 07	325 07	325 08							...
Dalbandin	...		070 07	070 09	155 05	275 10	330 13	330 16	315 16	310 24	305 29
D. I. Khan	030 03	010 05	330 05	295 08	310 06	295 13	290 14	270 19	275 24	290 35	270 43
Drosh	...	...	...	...						...	...
Fort Sandeman	...	...	...	320 06	280 11	320 07	300 17	295 25	290 34	285 44	270 54
Gilgit	...			...	...	...	...	...	...	...	...
Ishurdi	040 08	350 06	310 08					...	...	...	...
Jacobabad	070 02	355 06	310 09	275 12	310 20	325 45	300 44		...	...	...
Jessore	280 06	250 04	235 03	285 07	290 10	...		...			...
Jhelum	310 06	330 13	320 14	270 08	195 09	210 14	215 12	215 20	230 25	240 55	240 76
Jiwani	275 12	270 12	295 08	350 03	295 03	355 04	040 08	330 10	305 10		...
Karachi	320 13	055 12	015 13	350 13	350 10	360 16	270 14	255 15	275 21		...
Khanpur	050 08	050 08	050 10	015 12	335 15	335 25	285 23	280 33	265 37		...
Khuzdar	...	...	...	...	315 16	300 08	290 14	310 25	265 23	265 25	260 33
Lahore	175 10	265 15	295 13	245 15	245 15	195 10		...			...
Multan	115 01	055 02	355 04	335 11	325 11	285 18	280 28	285 25	275 23	250 37	...
Nawab Shah	075 07	045 07	335 15	335 14	335 20	335 26	340 29	034 34	...	...	...
Nokkundi	...	...		...	...	...	...		...	...	...
Panjgur	...	...		...			...	...			...
Peshawar	...	030 04	305 08	310 17	240 13	280 19	240 08	260 10	280 11	300 15	265 32
Parachinar	...	...	...	...	...	...			...	...	
Quetta	...	...			305 13	305 24	305 42	305 46	...		...
Sargodha	315 09	325 05	325 07	290 05	245 03	245 08	250 21	265 15	...	...	...
Skardu	...	...	...	...	...	...	...	...			...
Sylhet	090 16	120 17	135 25	190 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	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	270 18	285 14	295 13	350 13	345 19	235 11	270 14	255 13	255 20	265 27	240 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

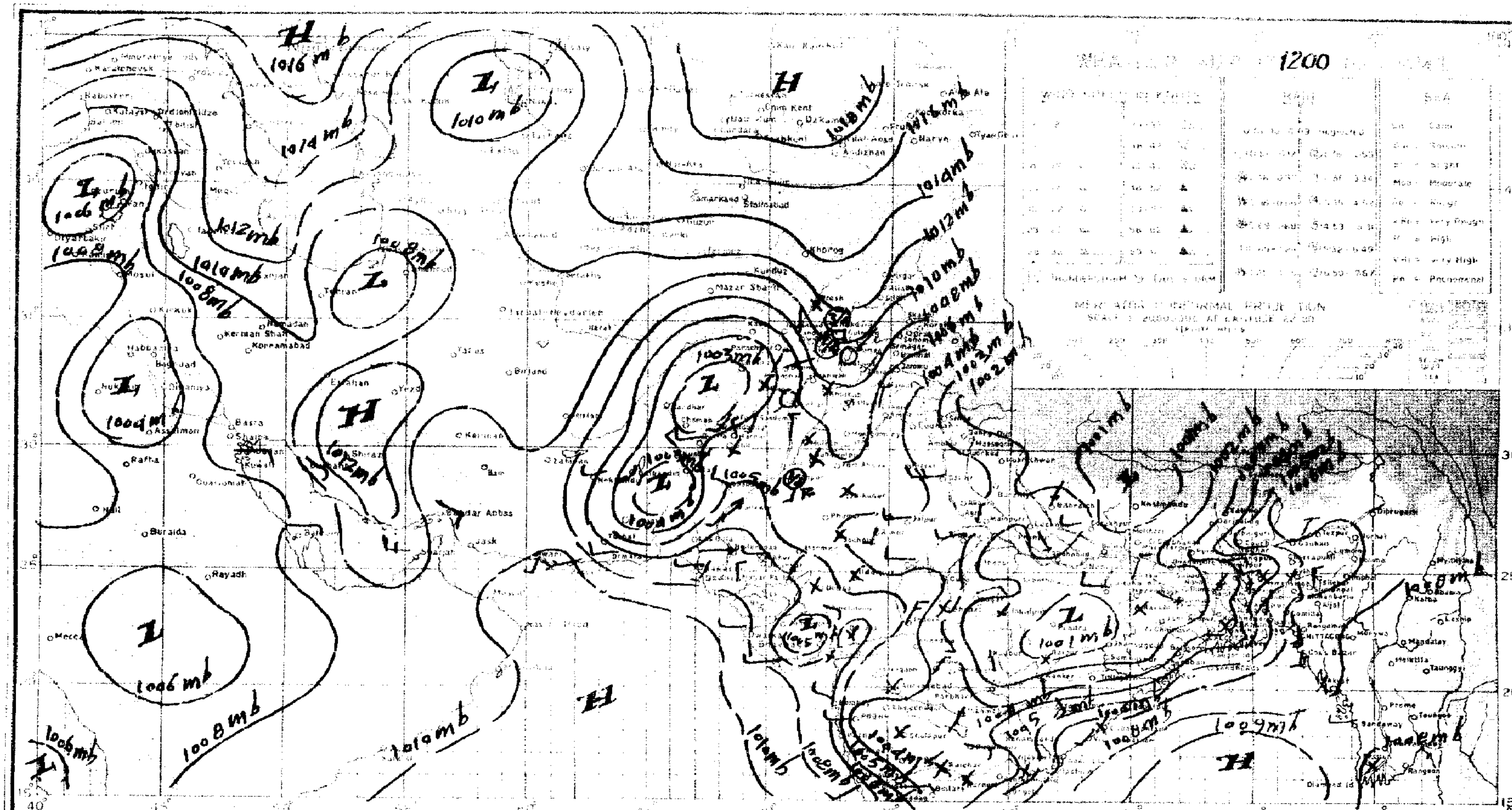
† The actual time of observations may vary within half an hour of the specified time.

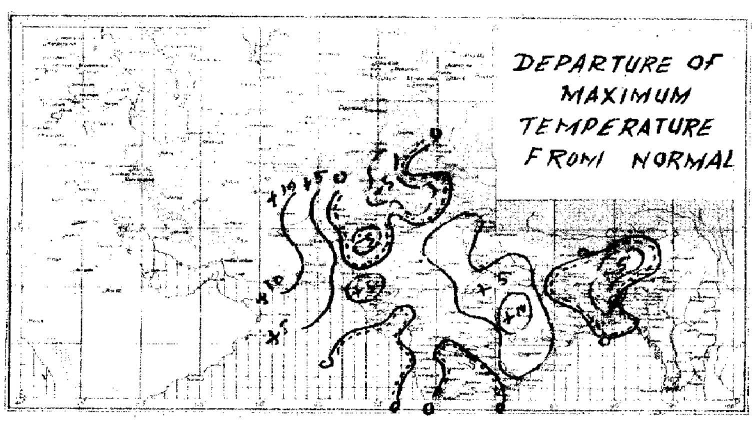
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

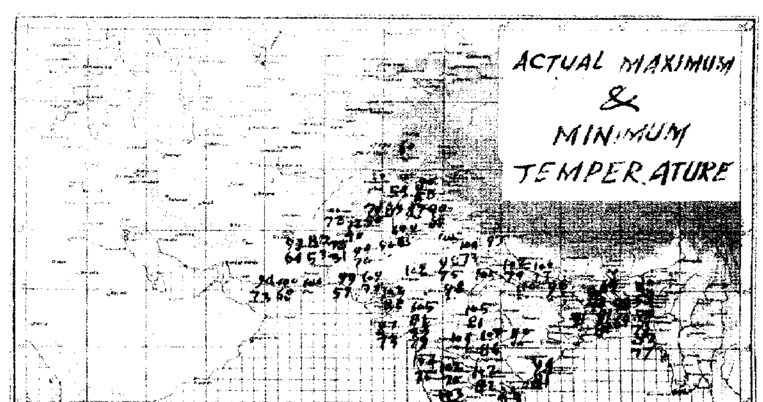
The accuracy of individual entries in this report [redacted] ed. If necessary correspondence, to the Meteore'o[illegible] Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th APRIL 1970



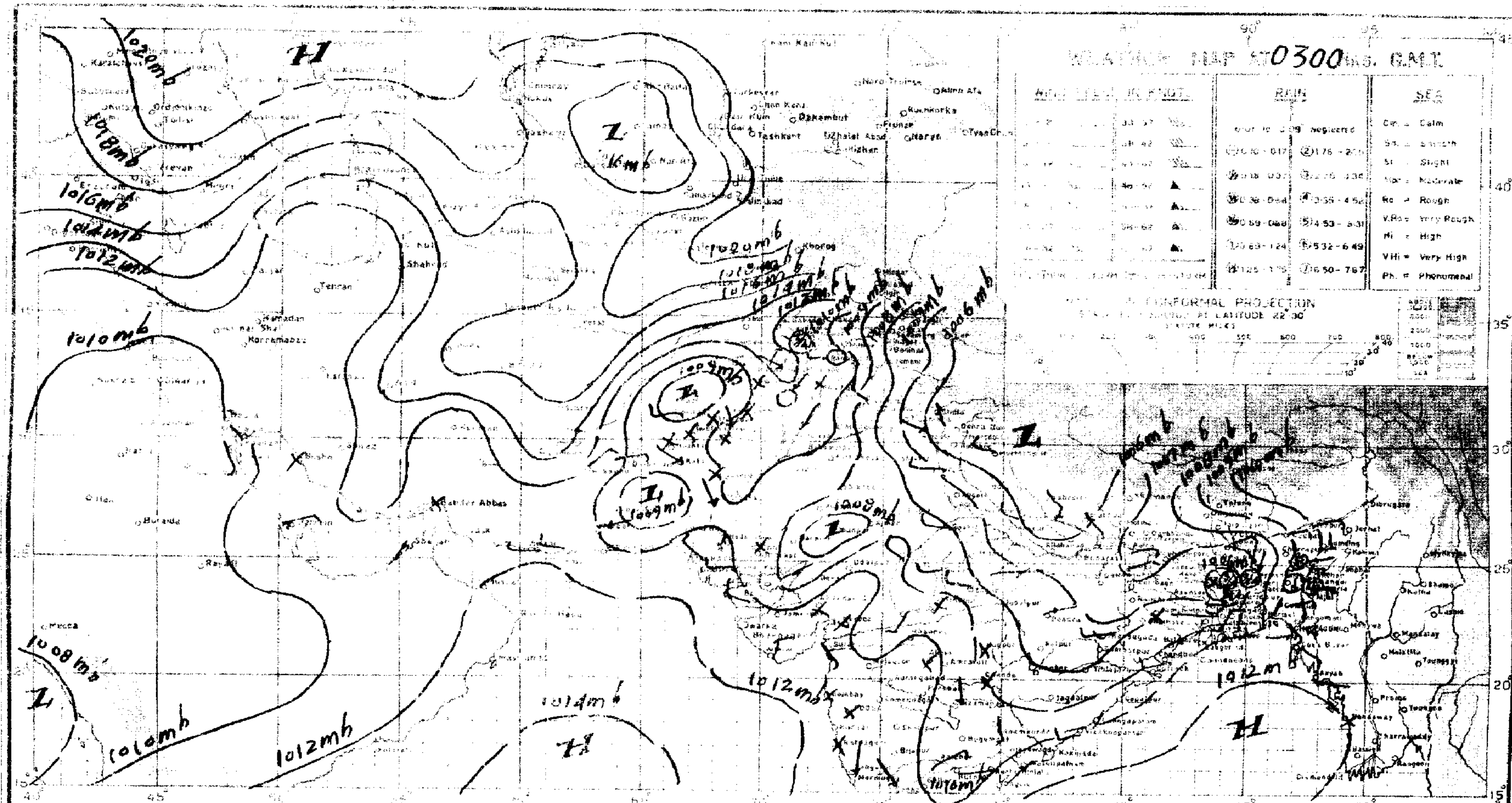


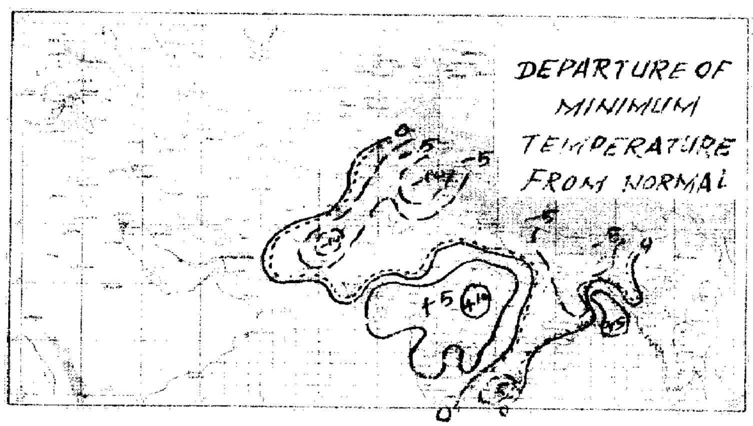


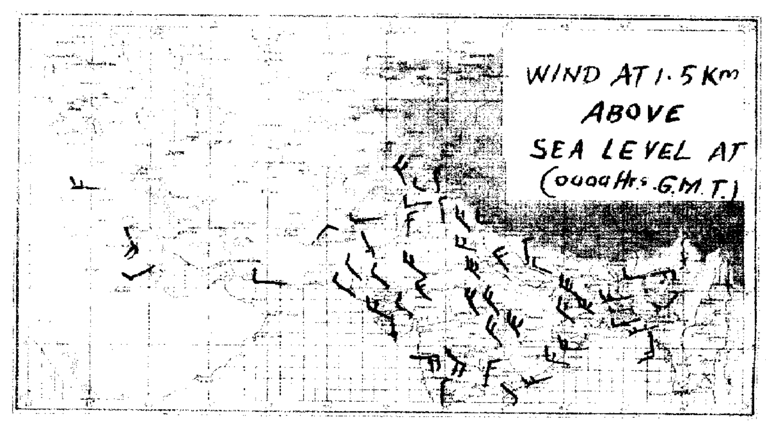
MGIPC—'024 RWXD'6—5000'63—28, 300'67—1, II, 70 5'69.

PAKISTAN DAILY WEATHER MAP

THURSDAY 16th APRIL, 1970.







PRINTED AT THE SURVEY OF PAKISTAN OFFICES

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th APRIL, 1970.

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_et_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	d $d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Karamkorum	99 1 92	10 5 87	14 0 63	43 2 01	98 0 31	13 8 26	42 4 00	14 1 15						

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	003 250 38	...	440 512 20	014 064 02	576 067 08	747 207 59	943 351 59	015 569 / /	891 675 / /	640 769 / /	—	...	...
Dacca	00 00													
Gilgit														
Jiwani														
Karachi	00 00	MISDA	...	...	...	...	—	...	—	...	...	—	...	—
Multan	00 00	993 170 30	...	400 090 / /	011 011 / /	557 235 / /					...	...	...	...
Peshawar	00 00	967 154 50	...	390 120 50	032 020 54	568 113 / /	736 217 / /	942 357 / /	213 527 / /	398 527 / /	...	...	...	...
Quetta														
Sargodha	00 00	993 214 35	...	505 154 40	149 040 40	579 121 / /	746 215 / /	954 331 / /	233 435 / /	...	—	—	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm imimim	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	—	...	...	...	...	...	...	—	...	—	—	—
Dacca	00 00												
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	...	...	—	—	—	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	—	—	—
Peshawar	00 00	...	...	...	...	...	...	—	...	—	—	—	...
Quetta													
Sargodha	00 00	993 214 35	984 51 / /	657 000 / /	...	...	—	—	—	...	...	—	...

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	215 12	280 10	200 13	240 18	290 17	...	...	—	...	—	...
Bogra	095 10	095 09	295 14	335 02	295 30	265 15	—	...	...	110 09	195 06	210 06	—	—	—	170 09	195 12	210 14	...	...	...	—	—	...	...	—
Chaklala	—	290 29	310 19	305 23	285 16	270 06	210 03	175 04	205 07	...	070 05	335 04	360 15	350 04	340 06	...	...	...	...	...	...	...	...	...	—	—
Chhor	—	—	—	—	—	—	...	...	—	275 09	275 09	275 09	350 06	265 06	235 06	260 09	270 13	275 15	270 16	275 19	300 16	320 13	305 19	—	—	—
Chittagong	180 17	165 21	210 21	210 16	...	—	...	...	...	115 10	255 15	210 21	/// //	275 14	/// //	180 12	110 04	120 04	125 05	...	...	—	...	...	—	—
Cherat	—	—	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	160 09	195 06	245 04	310 08	300 12	305 24	...	...	—	210 07	195 01	295 09	095 07	295 14	—	190 16	200 16	215 17	280 17	255 17	280 24	280 24	255 44	285 56	...	...
Dalbandin	—	—	265 18	245 09	295 10	240 07	300 14	295 45	—	—	—	—	—	—	—	—	—	—	330 08	330 08	305 25	305 25	315 36	...	...	...
D. I. Khan	080 03	055 04	045 05	360 07	280 12	270 21	310 14	313 13	305 19	130 04	005 05	050 05	070 02	245 02	050 09	195 10	205 03	205 07	220 06	320 11	340 13	330 09	305 15	310 10	300 22	285 35
Drosh	...	...	...	345 03	060 09	340 12	300 05	...	...	—	—	—	120 01	330 05	025 04				...							—
Fort Sandeman	—	—	—	265 15	310 10	245 10	295 10	295 37	—	—	—	—	210 10	260 12	315 29	...	—	—	250 05	335 09	305 06	330 15	313 10	325 41	350 65	—
Gilgit				110 01	180 01	270 03	260 08																			
Ishurdi	060 07	055 24	250 24	290 14	305 25	305 25		...	—	...	...	...	...	...	...	215 08	235 13	260 16	290 24	...	...	...	...	...	...	...
Jacobabad	360 02	295 15	265 09	265 24	265 20	295 28	265 24	—	...	190 14	205 16	215 19	240 21	265 19	295 19	060 07	355 13	355 18	040 17	335 18	/// //	328 19	...	—	...	...
Jessore	055 09	055 09	055 08	325 03	320 04	340 03		...	...	225 10	235 25	235 14	195 19		—	180 08	200 07	240 08	275 13	295 15	270 23		...	...	...	...
Jhelum	010 05	295 27	295 10	265 28	265 15	265 09	235 07																			
Jiwani	265 14	265 24	265 10	260 07	260 07	335 10	350 09	295 10	310 07	250 21	280 19	285 14	265 13	195 04	070 08	270 22	280 22	280 19	285 07	285 06	130 05	055 04	005 05	360 09	280 15	255 24
Karachi	225 20	210 10	315 07	335 02	350 06	330 15	265 28	275 24	290 17	280 19	280 23	280 24	270 18	260 19	335 23	275 08	290 17	285 21	285 17	310 07	330 17	340 16	335 03	...		
Khanpur	230 08	235 07	240 05	255 04	280 12	290 17	295 20	280 21	280 25							115 03	070 03	340 03	340 05	325 10	320 15	280 12	275 17	...	—	...
Khuzdar	—	—	—	—	—	—	—	—	—	...	...	...	340 08	335 22	305 40			—	350 06	320 14	335 25	335 29	330 17		—	
Lahore	—	—	—	—	—	—	—	—	—	310 10	305 05	300 17	285 17	275 17	285 27	305 12	305 12	305 10	310 19	305 18	305 20	310 19	325 19	325 20	320 18	305 50
Multan	—	—	—	—	—	—	—	—	—	120 02	140 02	115 03	300 13	335 09	350 13	200 06	220 05	320 04	305 07	340 10	340 09	320 11	320 12	330 16	315 17	305 32
Nawab Shah	359 09	345 08	330 09	310 10	325 12	295 16	285 34	285 28	275 28	290 08	295 17	285 18	295 16	310 11	320 17	330 09	300 11	320 09	310 11	305 12	315 20	315 17	310 17	325 13	—	—
Nokkundi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	310 10	315 09	315 13	320 12	340 11	320 19			...	310 05	310 07	315 13	315 17	335 19	—	—	—	—	—	—	—	—	—	—	—
Parachinar	—	—	—	—	350 03	325 11	330 17	315 19	320 17	—	—	—	—	195 02	240 06	—	—	—	—	—	—	—	—	—	—	—
Quetta				—	305 37	290 25	310 27	315 49												315 12	310 20	335 37	335 46			—
Sargodha	360 04	335 04	335 09	325 11	310 12	295 12	285 21	280 27	290 13	325 06	330 13	305 17	350 21	290 17	335 06	325 02	285 10	280 10	295 08	330 12	335 20	325 24	305 27	300 31	295 28	285 43
Skardu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	075 09	075 10	085 07	095 08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vertval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	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 19	280 23	280 24	270 18	240 19	335 23	360 23	340 14	270 18	295 17	270 24	260 36	265 24	250 51	260 40	250 61	...	...
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 geopocential metres.

TT—Dry Bulb temperatures in °C

T_s—Approximate earth 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 service in this report is not can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Force KARACHI—11

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Pages 1—2 Rs: 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

FRIDAY THE 17th APRIL, 1970.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's western disturbance over Peshawar division and adjoining areas persists. Its feeble secondary lies over Quetta and Khairpur divisions. The low pressure area over central Rajasthan has become unimportant. A few thunderstorms/light showers have occured in Peshawar division.

The trough of low pressure over West Bengal persists.

The westerly low pressure wave lies over Bihar and adjoining areas. Fairly widespread rain/thundershowers with a few heavy to very heavy falls have occured in Chittagong, Dacca and Khulna division and scattered in Rajshahi division.

Chief amounts of rainfall recorded are Maijdee Court 5", Narayanganj 3", Comilla and Khulna 2", Sirajganj and Chittagong 1½" each, Brahmanbaria 1", Dacca, Barisal (upto 1200 Z) and Jessore ¾" each, Srimangal and Faridpur ½" each.

Day temperature these were 9—13 °F (5—7 °C) below normal in Chittagong, Rajshahi divisions and 3—8 °F (2—4 °C) so in Dacca, Lahore, Multan, Bahawalpur, Peshawar and D. I. Khan divisions and 3—7 °F (2—4 °C) above normal in Khulna, Quetta, Karachi, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 18th April, 1970 :— Local thunderstorm/showers with squally winds are likely to occur in East Pakistan, scattered in Peshawar, Malakand and Rawalpindi divisions and in Kashmir. A few dust/thunderstorm likely in Sargodha and Lahore divisions.

Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 17th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low 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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	010	5	7	23	13	99	02	9	062	77	6	7	5	7	1	65	81	088	9	3	18	14	97	02	9	055	86	3	6	3	0	0	11	11	—	—	3.9	+2.7	7.7	—
	Cox's Bazar																																								40
	Chittagong	136	4	7	18	20	96	17	9	063	76	6	9	3	2	0	73	87	136	9	7	16	12	97	50	1	079	82	8	9	4	2	0	77	69	—2	—5	1.9	—0.3	2.1	109
	Maijdee Court	430	6	8	00	00	95	03	9	034	73	8	4	4	0	0	68	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—3					115
	Comilla	000	0	7	18	05	96	02	2	048	77	7	4	4	0	0	70	78	211	3	2	18	05	96	07	6	084	73	2	4	5	0	0	73	73	—14	—5	3.5	+1.0	6.8	94
	Brahmanbaria	180	0	5	18	83	97	03	1	043	77	5	5	5	0	1	72	70	120	1	8	18	03	97	97	9	058	73	8	5	4	9	0	11	41	—	—	3.9	+0.5	47.9	78
	Sylhet	000	0	5	09	05	96	02	0	043	80	2	5	5	3	1	70	84	008	9	7	00	00	96	21	4	078	66	3	4	5	2	0	72	73	—	—	11.6	—	19.0	—
	Srimangal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	061	9	8	00	00	96	02	9	072	69	5	9	3	3	1	69	11		—	2.8	—2.3	8.1	98
Dacca	Mymensingh	000	0	4	00	00	96	01	0	061	80	4	5	4	0	0	73	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—8					91
	Narayanganj	115	7	8	13	03	95	02	9	038	80	6	6	4	3	1	76	85	259	2	8	18	02	97	02	9	080	75	8	6	3	0	0	73	73	—7	—1	6.8	+4.4	9.6	74
	Dacca (Tejgaon)	065	6	6	18	05	97	02	2	041	78	5	9	4	1	0	72	82	074	9	3	13	02	97	02	9	072	75	3	5	4	2	0	69	73	—	—	1.0	—	4.1	—
	Faridpur	000	0	7	11	03	97	02	0	028	82	6	5	5	1	0	76	90	038	3	8	16	05	97	02	2	068	81	6	4	5	1	0	73	58	—3	—17	1.8	—0.2	4.1	71
Khulna	Barisal	088	3	7	18	07	96	95	9	041	73	2	9	5	7	0	72	92	000	0	7	18	02	96	02	0	078	84	3	4	5	0	0	79	71	0	—4	0.9	—0.8	2.2	81
	Khulna	150	2	6	18	05	97	01	0	028	78	4	2	9	0	0	77	95	200	9	0	00	00	97	00	0	062	84	0	0	9	0	0	81	75	+3	0	4.0	+2.8	7.9	68
	Satkhira	000	0	4	23	04	96	03	8	028	90	3	4	8	1	0	78	98	000	0	6	23	03	96	00	0	118	74	2	3	1	0	1	74	70	+3	—5	1.4	+0.3	5.1	65
	Jessore	000	0	4	05	05	97	02	1	022	91	2	9	4	3	1	73	96	000	0	3	18	14	97	02	9	055	86	3	6	3	0	0	79	75	—	—	3.1	+1.8	6.8	65
Rajshahi	Pabna	000	0	2	05	05	98	03	1	018	87	2	3	6	0	0	73	90	000	9	6	13	05	98	03	9	052	84	6	0	9	2	0	73	79	—	—	1.5	—	4.6	59
	Sirajganj	000	0	2	00	00	96	01	1	078	85	2	1	6	0	0	73	86	141	4	0	18	02	98	00	6	062	77	0	0	9	0	0	73	69	—9	—3	3.7	+1.4	5.7	64
	Rajshahi	000	0	7	14	02	96	02	2	022	90	5	4	4	1	1	76	91	000	0	6	23	03	96	02	0	055	84	5	5	[illegible]	[illegible]	0	75	79	—6	+6	0.1	—0.6	2.1	—
	Bogra	040	0	7	09	02	96	03	1	034	82	4	8	5	7	2	73	85	///	/	4	09	02	96	43	9	063	77	2	5	3	1	1	70	70	—10	—2	0.9	—0.2	2.4	69
	Dinajpur	000	0	2	09	02	96	01	1	011	85	2	0	9	2	0	73	90	...																	4					73
	Rangpur	000	0	3	00	00	96	01	1	075	82	3	0	9	2	0	73	100	009	3	4	09	05	96	01	5	094	79	4	0	9	2	0	68	65	+9	—5	0.1	—0.8	1.3	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	97	02	0	046	90	0	0	9	0	0	45	91	009	0	0	31	03	97	02	0	067	75	0	0	9	0	0	47	62	—3	—2	0.0	—0.4	2.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	07	97	00	0	060	84	0	0	9	0	0	47	56		—10	0.0	—0.6	1.8	32
Rawalpindi	Jhelum	000	0	1	31	03	58	02	0	049	90	1	1	7	0	0	43	91	000	0	0	31	02	98	02	0	063	73	0	0	9	0	0	45	62	—	—	0.2	—	4.6	—
	Islamabad																																								
	Rawalpindi	000	0	1	27	03	99	10	0	002	78	0	0	9	2	0	58	82	000	0	0	00	00	99	00	0	074	64	0	0	9	0	0	50	54	—5	—15	0.2	—1.2	8.8	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	063	87	0	0	9	0	0	67	98	000	0	0	36	11	98	00	0	065	73	0	0	9	0	0	69	65	+4	—2	0.0	—0.5	1.8	15
	Sargodha	000	0	1	31	03	58	02	0	066	90	1	1	6	0	0	47	91	000	0	1	00	00	97	02	0	068	69	0	0	9	0	1	54	58	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	29	20	97	00	0	059	87	0	0	9	0	0	63	91	000	0	0	00	00	96	00	0	065	73	0	0	9	0	0	//	60	—3	—5	0.1	—0.3	1.3	13
Multan	Sahiwal																																								18
	Multan	000	0	0	05	02	97	02	0	058	91	0	0	9	0	0	54	93	800	0	0	09	00	97	02	0	077	75	0	0	9	0	0	54	60	—3	—8	0.0	—0.2	0.8	7
	Leiah	000	0	0	31	03	95	00	0	072	101	0	0	9	0	0	62	101	0.0	0	0	36	10	93	00	0	103	77	0	0	9	0	0	64	68	—	...	0.0	—	0.0	8
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	051	96	0	0	9	0	0	36	98	000	0	0	23	03	96	02	0	077	80	0	0	9	0	0	52	66	—3	—1	—	—	—	4
	Bahawalpur	000	0	0	00	00	96	00	0	057	93	0	0	9	0	0	47	96	000	0	0	00	80	96	00	0	090	75	0	0	9	0	0	56	64	—2	—3	0.0	—0.2	0.4	6
	Fort Abbas	000	0	0	27	02	98	80	0	051	91	0	0	9	0	0	56	96	000	0	0	00	00	96	00	0	076	75	0	0	9	0	0	47	//	—	—	0.0	—	0.1	8
Malakand	Chakdara	000	0	5	23	03	97	03	1	060	77	1	2	7	0	9	56	78	000	0	3	05	03	98	02	0	07[illegible]	62	0	0	9	0	9	49	54	—	—	0.0	—	6.4	—
Peshawar	Peshawar	000	0	3	31	87	98	03	0	071	80	1	2	6	0	1	47	82	000	0	1	00	00	98	02	0	078	69	0	0	9	0	1	58	58	—3	—3	0.7	—0.4	4.0	11
	Haripur	000	0	0	13	03	97	00	0	078	82	0	0	9	0	0	49	82	000	0	0	00	00	58	00	0	077	66	0	0	9	0	0	54	55	—	—	0.2	—	7.8	—
D. I. Khan	Bannu	...			...	...		...		...		...	...				...		000	0	2	05	01	99	01	1	058	65	0	0	9	0	5	54	60	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	0	05	02	97	02	0	066	90	0	0	9	0	0	45	91	000	0	2	00	00	97	02	0	077	73	0	0	7	0	3	51	62	—3	—4	0.1	—0.5	7.8	9
Quetta	Sibi	000	0	0	27	03	97	02	0	047	103	0	0	9	0	0	56	10	000	0	0	00	00	97	02	0	079	76	0	0	9	0	0	58	74	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	05	09	97	02	0	046	96	0	0	9	0	0	65	99	000	0	0	36	02	96	02	0	097	76	0	0	9	0	0	33	76	—	—	0.0	—	2.3	2
Kalat	Turbat	000	0	0	23	02	98	00	0	059	106	0	0	9	0	0	61	106	000	0	0	03	02	58	00	0	135	74	0	0	9	0	0	61	68	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	10	96	02	0	086	89	0	0	9	0	0	57	92	800	0	0	27	02	96	02	0	098	78	0	0	9	0	0	72	73	—	—	0.0	—	8.3	5
	Pasni	000	0	0	25	16	97	02	0	074	92	0	0	9	0	9	73	99	000	0	0	29	08	97	02	0	052	70	0	0	9	0	0	75	68	+8	0	0.0	—0.4	2.5	6
Karachi division	Ormara	000	0	0	27	19	96	02	0	077	92	0	0	9	0	0	71	96	000	0	1	27	16	96	03	3	091	81	1	0	9	0	1	74	//	—	—	9.0	—0.6	2.9	6
	Lasbela	000	0	0	27	02	98	00	0	059	107	0	0	9	0	0	53	110	000	0	2	00	00	98	00	0	090	71	0	0	9	0	1	49	68	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	0	27	85	97	02	0	068	85	0	0	9	0	0	75	91	000	0	0	27	05	66	02	0	084	81	0	0	9	0	0	74	77	+5	+2	0.0	—0.2	1.1	8
	Karachi (Airport)	000	0	0	23	07	96	02	0	062	97	0	0	9	0	0	64	106	000	0	0	00	00	96	02	0	083	77	0	0	9	0	0	66	71	—	—	0.0	—	3.0	—
Hyderabad	Nagarparker	000	0	0	05	09	97	02	0	093	100	0	0	9	0	0	//	108	000	0	0	05	02	97	02	0	121	83	0	0	9	0	0	83	93	—	—	0.0	—	0.1	..
	Chhor	000	0	0	00	00	96	02	0	055	105	0	0	9	0	0	34	106	...	...																—					
	Hyderabad	000	0	0	36	05	97	03	0	060	103	0	0	9	0	0	33	104	000	0	0	00	00	97	02	0	096	82	0	0	9	0	0	51	74	+2	+1	0.0	0.0	1.1	7
	Badin	000	0	0	31	06	97	02	0	067	105	0	0	9	0	0	49	109	000	0	0	27	03	97	02	0	097	76	0	0	9	0	0	61	73	+7	+1	0.0	0.0	0.1	9
Khairpur	Padidan	000	0	0	20	02	97	02	0	079	99	0	0	9	0	0	41	104	000	0	0	20	02	96	02	0	076	78	0	0	9	0	0	54	62	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	36	03	58	02	0	064	102	0	0	9	0	0	43	105	000	0	0	00	00	96	02	0	075	75	0	0	9	0	0	56	61	—	—	0.0	—	0.4	—
	Sukkur	000	0	0	05	03	96	02	0	054	98	0	0	9	0	0	62	102	000	0	0	13	03	96	02	0	///	82	0	0	9	0	0	47	74	—	—	0.0	—	0.9	4
	Kashmore	000	0	0	27	03	98	02	0	037	100	0	0	9	0	0	37	102	...																	—					—
	Jacobabad	000	0	0	29	01	97	02	0	049	102	0	0	9	0	0	39	103	000	0	0	09	03	96	02	0	075	80	0	0	9	0	0	49	73	—3	+2	0.0	—0.1	2.1	4
Junagadh	Verawal																																								30
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *																																								59
Malakand	Drosh *	007	4	7	00	00	97	01	5	505	60	2	5	7	7	0	45	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—6					10
Peshawar	Charat *	000	0	4	07	03	98	03	0	472	67	0	0	9	6	0	49	68	000	0	0	18	03	98	02	0	466	62	0	0	9	0	0	43	51	—4	—5	0.1	—1.4	3.3	29
	Kakul *	007	2	6	05	02	98	29	9	471	61	4	3	5	2	0	43	76	007	0	0	34	02	99	02	0	468	60	0	0	9	0	0	40	57	—	—	0.7	—	16.0	—
	Landikotal *	000	0	6	36	02	98	03	0	452	70	6	7	6	0	0	59	72	000	0	0	36	02	98	02	0	484	60	0	0	9	0	0	56	//	—	—	1.3	—	5.0	—
	Parachinar *																																								19
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	450	78	0	0	9	0	0	49	78	000	0	0	05	05	99	00	0	474	64	0	0	9	0	0	47	59	—	—	0.0	—1.0	0.1	10
	Wana *	000	0	8	31	05	98	03	0	444	76	8	2	7	0	0	60	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	1	31	03	92	02	0	473	77	1	1	7	0	0	17	78	000	0	1	23	03	98	03	0	485	67	1	0	9	0	1	33	60	—3	+5	0.5	—0.2	3.3	13
	Hindubagh *	000	0	0	23	13	97	02	0	///	58	0	0	9	0	0	55	62	000	0	0	23	19	97	02	0	///	54	0	0	9	0	0	30	40	—	—	0.0	—	1.6	—
	Loralai *	000	0	0	18	03	90	00	0	480	70	0	0	9	0	0	51	70	000	0	0	27	04	98	02	0	470	55	0	0	9	0	0	36	54	—	—	0.1	—	2.2	9
	Barkhan *																																								—
	Harnai *	000	0	0	31	04	96	02	0	471	88	0	0	9	0	0	23	90	000	0	0	31	01	96	02	0	482	71	0	0	9	0	0	53	63	—	—	0.0	—0.6	3.8	14
	Samungli (Quetta) *	000	0	3	11	10	97	02	0	500	76	0	0	9	0	0	37	//	080	0	0	00	00	96	02	0	513	53	0	0	9	0	0	33	39	—	—	0.1	—0.7	3.0	9
	Chaman *	000	0	0	00	00	97	00	0	486	83	0	0	9	0	0	76	80	000	0	0	00	00	97	00	0	491	78	0	0	9	0	0	63	61	+1	+7	0.0	—0.4	7.7	9
	Nushki *	000	0	0	31	03	97	02	0	556	88	0	0	9	0	0	46	82	000	0	0	07	05	97	02	0	542	74	0	0	9	0	0	34	69	—	—	0.0	—	3.5	—
	Dalbandin *	000	0	2	05	23	97	03	0	511	92	2	0	9	3	0	25	93	000	0	2	00	00	97	03	0	512	65	0	0	9	3	0	37	38	+3	0	0.0	—0.2	3.3	4
Kalat	Kalat *	000	0	0	31	02	98	00	2	496	67	0	0	9	0	0	33	70	000	0	0	13	02	98	00	2	511	54	0	0	9	0	0	35	31	+3	—14	0.0	—0.4	3.0	9
	Khuzdar *	000	0	0	31	02	97	02	0	490	85	0	0	9	0	0	29	88	000	0	0	00	00	96	02	0	490	67	0	0	9	0	0	25	61	—	—	0.0	—	2.6	—
	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.

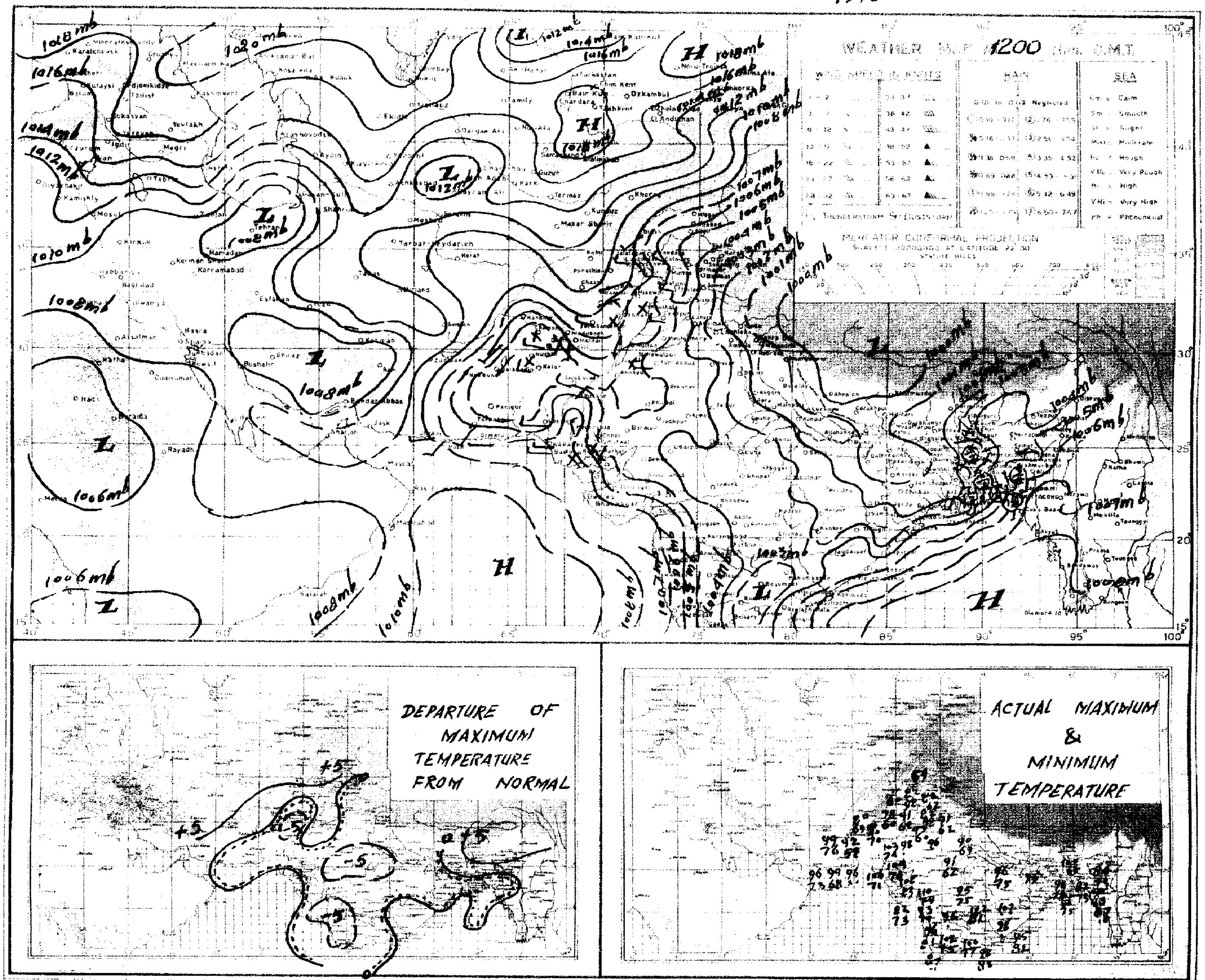
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

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

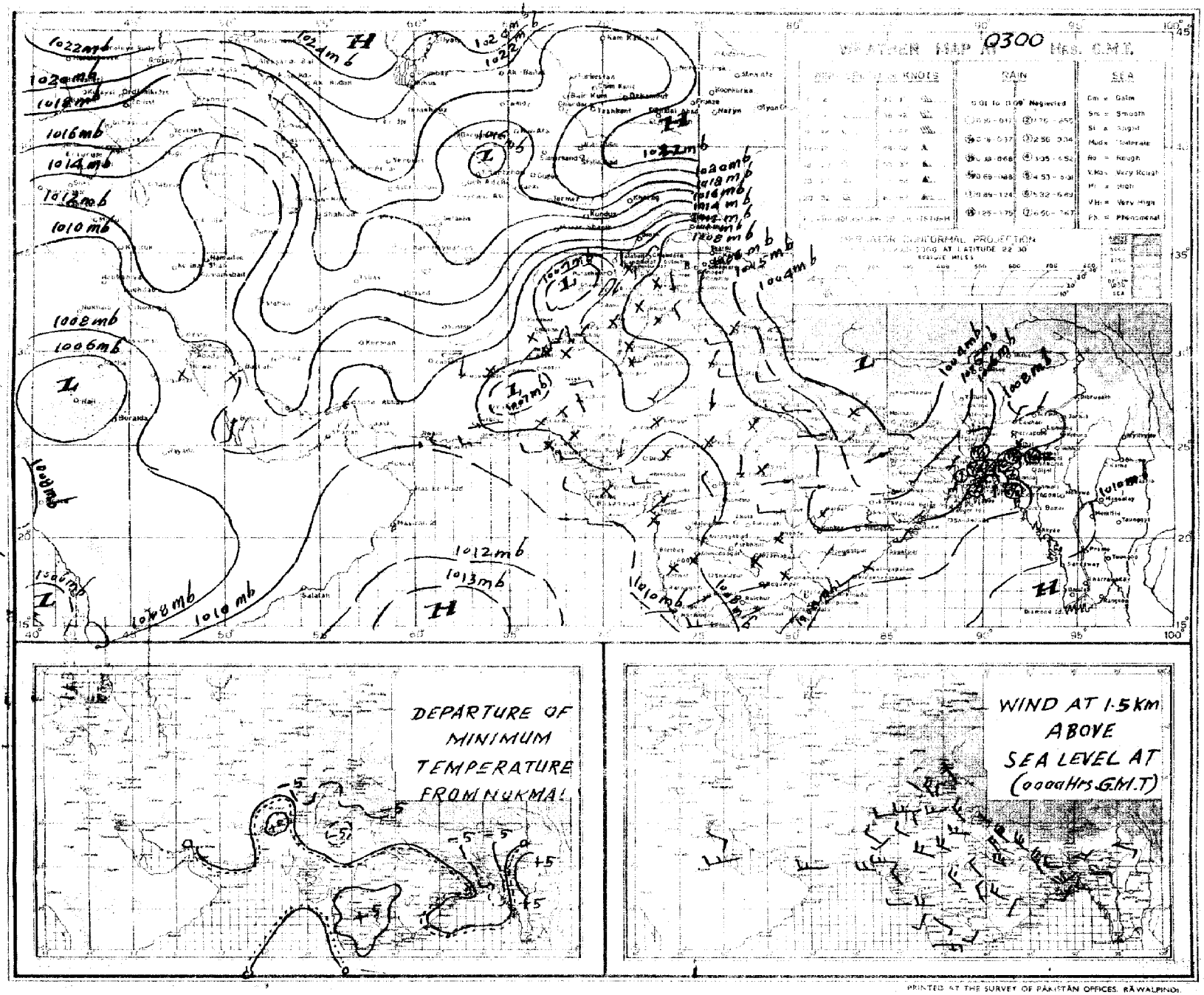
PAKISTAN DAILY WEATHER MAP

THURSDAY 16th APRIL 1970



PAKISTAN DAILY WEATHER MAP

FRIDAY 17th APRIL, 1970



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Volume No. 24

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar division and adjoining areas is now moving across Kashmir. A fresh western disturbance now lies over northeast Iran and adjoining Afghanistan. Its secondary lies over Kalat and Quetta divisions weather remained dry in West Pakistan.

The trough of low pressure over west Bengal and neighbourhood has become less marked.

Local rain/thundershowers have occured in Dacca division and scattered with a few heavy to very heavy falls in Chittagong and Khulna division.

Chief amounts of rainfall recorded are Chittagong 4", Barisal 1½" and Srimangal ¼".

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

Forecast valid until the evening of 19th April, 1970 :—Local rain thundershowers with squally winds are likely to occur in Dacca, Khulna and Chittagong divisions, scattered in Rajshahi, Peshawar, Malakand Rawalpindi, Lahore and Sargodha divisions and in Kashmir. A few dust/thunderstorms are also likely to occur in Bahawalpur, Multan, Quetta and Kalat divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 18th April, 1970

NASIM-UD-DIN QURESHI
for Director, Meteorological Service,

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature * TT	Amount of Lowest Clud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	017	6	4	23	09	99	01	9	054	75	3	3	6	0	0	68	77
	Cox's Bazar	067	7	8	36	17	98	00	3	088	74	1	7	4	2	0	71	90
	Chittagong	357	9	6	13	12	96	29	9	042	91	5	3	4	2	0	72	82
	Maijdee Court	000	0	8	16	05	96	03	2	046	80	6	3	4	2	1	73	82
	Comilla	000	0	7	18	09	96	03	2	029	80	7	4	4	0	0	80	87
	Brahmanbaria	000	0	6	18	83	96	03	1	024	82	6	3	5	0	0	76	90
	Sylhet	005	0	5	00	00	96	01	2	022	82	5	9	5	0	0	73	85
	Srimangal	025	9	8	00	00	96	02	0	021	76	6	9	3	3	1	73	86
Dacca	Mymensingh	000	0	4	13	02	96	02	1	004	85	4	4	4	0	0	82	87
	Narayanganj	000	0	8	18	02	93	02	9	017	82	8	6	4	0	0	77	85
	Dacca (Tejgaon)	006	2	6	13	05	97	02	9	015	82	5	9	4	2	0	78	91
	Faridpur	010	3	6	16	02	97	02	9	027	80	5	5	5	0	0	77	93
Khulna	Barisal	043	1	8	00	00	95	95	9	029	73	6	3	4	2	0	72	90
	Khulna	000	0	0	00	00	97	00	0	///	90	0	0	9	0	0	73	95
	Satkhira	000	0	0	00	00	97	00	0	998	96	0	0	9	0	0	70	98
	Jessore	000	0	1	20	03	96	02	0	096	90	1	5	5	0	0	76	96
Rajshahi	Pabna	000	0	0	13	09	97	02	0	936	87	0	0	9	0	0	68	98
	Sirajganj	000	0	2	00	00	96	01	1	007	87	2	1	6	0	0	78	87
	Rajshahi	000	0	0	00	00	96	02	0	045	95	0	0	9	0	0	68	100
	Bogra	000	0	0	09	02	96	02	0	994	85	0	0	9	0	0	78	90
	Dinajpur																	
	Rangpur	000	0	4	23	02	96	02	0	045	82	2	5	6	2	0	73	100
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	31	05	97	01	0	022	91	0	0	9	0	1	38	93
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	1	27	02	99	00	0	019	87	0	0	9	0	4	49	//
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	021	90	0	0	9	0	0	76	100
	Sargodha	000	0	1	29	05	98	01	1	021	93	0	0	9	0	1	43	95
	Lyallpur	000	0	0	29	02	97	00	0	027	90	0	0	9	0	0	49	93
Multan	Sahiwal																	
	Multan	000	0	2	18	05	97	01	0	021	96	0	0	9	0	1	57	98
	Leiah	000	0	0	36	10	95	00	0	072	100	0	0	9	0	0	67	101
Bahawalpur	Khanpur																	
	Bahawalpur	000	0	0	00	00	96	00	0	083	91	0	0	9	0	0	49	96
	Fort Abbas	000	0	0	27	02	98	00	0	029	95	0	0	9	0	0	//	96
Malakand	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	0	3	05	05	97	01	0	020	87	1	1	6	0	0	54	90
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	2	09	02	99	01	1	010	91	2	2	7	0	0	47	93
	D. I. Khan	000	0	7	00	00	97	03	2	014	98	3	0	9	3	1	41	107
Quetta	Sibi	008	0	2	18	03	97	03	1	014	104	0	0	9	0	2	62	107
	Nokkundi	000	0	3	36	02	96	03	0	011	97	3	4	9	0	0	48	99
Kalat	Turbat	000	0	0	23	02	98	00	0	076	106	0	0	9	0	0	37	106
	Jiwani	000	0	0	27	16	90	02	0	057	91	0	0	9	0	0	57	92
	Pasni	000	0	0	25	20	97	02	0	055	93	0	0	9	0	0	81	96
Karachi division	Ormara	000	0	0	27	19	96	02	0	///	89	0	0	9	0	0	62	93
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	0	27	07	97	02	0	043	85	0	0	9	0	0	76	87
	Karachi (Airport)	000	0	0	27	12	96	01	0	040	99	0	0	9	0	0	69	103
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	009	90	0	0	9	0	0	//	108
	Chhor	000	0	0	27	10	96	02	0	020	105	0	0	9	0	0	//	105
	Hyderabad	000	0	0	36	03	97	02	0	024	105	0	0	9	0	0	41	108
	Badin	000	0	0	31	12	97	02	0	045	107	0	0	9	0	0	43	108
Khairpur	Padidan	000	0	1	29	12	97	03	0	025	101	1	0	9	0	1	48	105
	Nawabshah	000	0	0	31	10	97	02	0	033	104	0	0	9	0	0	47	105
	Sukkur	000	0	0	05	05	96	02	0	018	101	0	0	9	0	0	47	103
	Kashmore																	
	Jacobabad	000	0	5	27	05	96	03	1	030	100	3	0	9	1	1	42	105
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Minger **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	4	20	03	98	01	1	445	78	4	1	7	0	0	38	80
Peshawar	Cherat *	000	0	0	18	03	98	02	0	467	75	0	0	9	0	0	67	78
	Kakul *	000	0	5	34	02	99	03	1	452	76	1	1	6	0	7	38	77
	Landikotal *	000	0	0	36	02	98	02	0	455	73	0	0	9	0	0	62	80
	Parachinar *	000	0	3	00	00	98	02	0	452	73	2	1	7	0	1	54	77
	Miranshah *	000	0	0	05	05	99	00	0	525	88	0	0	9	0	0	32	90
D.I. Khan	Wana *	000	0	0	31	04	98	00	0	389	77	0	0	9	0	0	59	78
Quetta	Fort Sandeman *	000	0	2	31	03	98	02	0	451	82	1	1	8	0	1	21	83
	Hindubagh *	000	0	0	23	19	97	02	0	///	60	0	0	9	0	0	51	62
	Loralai *	000	0	0	27	04	97	00	0	460	75	0	0	9	0	0	52	78
	Barkhan *																	
	Harnai *	000	0	0	31	03	96	02	0	441	75	0	0	9	0	0	66	94
	Samungli (Quetta) *	000	0	2	34	12	96	03	0	473	77	1	2	6	0	2	33	82
	Chaman *	000	0	0	23	03	97	00	0	517	84	0	0	9	0	0	52	88
	Nushki *	000	0	3	00	00	97	02	0	528	90	0	0	9	0	2	49	88
	Dalbandin *	000	0	6	05	02	97	03	1	393	94	6	0	9	3	0	37	95
Kalat	Kalat *	000	0	0	31	02	98	02	0	46.	72	0	0	9	0	0	36	75
	Khuzdar *	000	0	3	31	07	97	01	0	463	[illegible]	0	0	9	0	1	25	91
	Panjgur *																	

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

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † Wt	Total 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 April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	003	1	7	23	05	95	91	2	103	77	6	7	4	7	1	71	73	—	—	—	—	—	—
	Cox's Bazar	013	0	6	13	03	96	02	0	116	77	4	5	5	2	0	65	70	+ 1	— 3	—	—	—	140
	Chittagong	357	9	6	13	06	96	01	9	081	82	4	4	4	2	0	75	68	— 7	— 5	5.4	+ 3.1	5.9	109
	Maijdee Court	000	9	8	18	05	96	03	2	066	66	6	2	5	2	1	79	//	— 7	—	—	—	—	115
	Comilla	000	0	2	18	05	96	02	0	066	79	2	4	7	0	0	77	75	— 5	— 3	3.5	+ 0.8	6.8	94
	Brahmanbaria	000	0	2	00	00	97	00	0	054	//	0	8	9	0	0	77	77	—	— 1	3.5	+ 0.8	6.9	78
	Sylhet	000	0	5	18	07	97	03	1	060	84	5	5	5	0	0	77	72	—	—	3.9	+ 0.2	47.8	—
	Srimangal	030	9	7	36	05	96	02	0	068	82	5	9	3	3	2	//	72	— 5	+ 3	3.1	— 2.5	8.4	98
Dacca	Mymensingh	000	0	5	13	01	97	02	2	057	82	3	4	4	2	0	79	73	— 3	+ 1	0.2	— 2.5	2.4	91
	Narayanganj	000	0	7	23	02	97	02	0	059	84	5	6	9	3	1	81	73	— 7	— 1	6.8	+ 4.2	9.6	74
	Dacca (Tejgaon)	013	9	5	18	03	97	02	2	056	84	5	6	3	0	0	79	69	—	—	1.9	—	4.2	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8					71
Khulna	Barisal	173	0	4	23	07	97	03	2	065	84	5	4	5	0	0	80	68	— 2	— 7	2.6	+ 0.9	3.9	81
	Khulna	000	0	4	00	00	97	00	0	058	87	0	0	9	0	1	79	81	+ 2	+ 6	4.0	+ 2.7	7.9	68
	Satkhira	000	0	5	18	03	96	00	0	079	90	0	0	9	0	1	67	//	+ 3	—	1.4	+ 0.1	5.1	65
	Jessore	000	0	2	18	08	97	02	0	054	87	1	0	9	3	8	77	81	—	—	3.9	+ 2.5	7.7	65
Rajshahi	Pabna	000	0	0	18	05	98	03	0	046	90	0	0	9	0	0	77	60	—	—	1.5	—	4.6	59
	Sirajganj	000	0	0	18	02	98	02	0	044	84	0	0	9	0	0	79	75	— 8	+ 3	3.7	+ 2.3	5.7	64
	Rajshahi	000	0	0	00	00	96	02	0	044	84	0	0	9	0	0	72	79	+ 3	+ 6	0.1	— 0.7	2.1	—
	Bogra	000	0	0	23	05	96	05	4	037	86	0	0	9	0	0	73	77	— 5	+ 5	—	—	—	69
	Dinajpur																							72
	Rangpur	000	0	2	09	02	96	01	1	098	82	2	0	9	1	0	73	66	+ 7	+ 4	0.1	— 0.9	1.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	91	05	0	034	77	0	0	9	0	1	35	64	— 3	0	0.0	— 0.4	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	068	81	0	0	9	0	0	35	//		—	0.0	— 0.7	1.8	32
Rawalpindi	Jhelum	000	0	2	09	02	98	02	0	033	75	1	0	9	3	1	47	62		—	0.2	—	4.6	—
	Islamabad	000	8	5	00	00	97	02	0	///	76	3	4	6	3	0	//	45		—	—		—	—
	Rawalpindi	000	0	1	00	00	98	00	0	038	73	1	0	9	3	0	50	62	+ 5	— 7	0.2	+ 1.2	8.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	36	01	98	00	0	032	//	0	0	9	0	0	52	//	+ 6	—	0.0	— 1	1.8	15
	Sargodha	000	0	2	36	02	95	04	0	030	75	1	0	9	3	1	54	60	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	00	00	96	00	0	036	73	0	0	9	0	0	58	60	— 1	— 5	0.1	— 0.3	1.3	13
Multan	Sahiwal																							18
	Multan	000	0	6	18	03	97	03	1	030	77	1	0	9	3	3	49	65	+ 2	— 3	0.0	— 0.2	0.8	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur																							6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					6
	Fort Abbas	000	0	0	00	00	96	00	0	030	84	0	0	9	0	0	33	69	—	—	0.0	—	0.1	8
Malakand	Chakdra	000	0	3	05	03	98	01	1	033	65	0	0	9	0	3	//	56		—	0.0	—	6.4	—
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					11
	Haripur	000	0	0	05	03	98	00	0	049	73	0	0	9	0	0	58	56		—	0.2	—	7.6	—
D. I. Khan	Bannu	000	0	3	05	01	99	01	1	028	73	1	2	7	2	0	54	64	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	2	00	00	97	02	2	062	73	0	0	9	0	2	54	64	+ 8	— 2	0.1	— 0.5	7.9	9
Quetta	Sibi	000	0	2	18	03	97	03	1	064	72	0	0	9	2	0	48	74	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	31	05	96	01	0	059	82	0	0	9	0	0	41	75	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	23	02	98	00	0	136	79	0	0	9	0	0	42	//	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	05	96	01	0	068	79	0	0	9	0	0	73	75	—	—	0.0	—	8.3	8
	Pasni	000	0	0	29	08	97	02	0	062	72	0	0	9	0	0	61	68	+ 4	0	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	0	27	21	96	02	0	063	81	0	0	9	0	0	75	//	—	—	0.0	— 0.6	3.9	6
	Lasbela	000	0	0	00	00	98	00	0	064	74	0	0	9	0	0	63	70		—	0.0	—	0.0	8
	Karachi (Manora)	000	0	0	27	09	96	02	0	059	80	0	0	9	0	0	74	77	+ 1	+ 2	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	0	27	05	97	02	0	061	81	0	0	9	0	0	72	78	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	121	83	0	0	9	0	0	83	93	—	—	0.0	—	0.1	—
	Chhor	000	0	2	23	03	96	03	0	044	78	0	0	9	0	1	62	68	—	—	0.0	—	1.1	7
	Hyderabad	000	0	3	23	02	97	02	0	///	//	1	0	9	8	7	69	75	+ 6	+ 2	0.0	0.0	1.1	9
	Badin	000	0	0	23	04	97	02	0	077	74	0	0	9	0	0	68	72	—	0	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	2	23	02	96	03	0	034	79	0	0	9	0	1	53	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	3	00	00	96	03	0	036	76	0	0	9	0	1	59	65	—	—	0.0	—	0.4	4
	Sukkur	000	0	6	13	05	96	03	2	032	79	6	0	9	6	0	59	72	—	—	0.0	—	0.9	—
	Kashmore																							4
	Jacobabad	000	0	5	18	02	96	03	0	028	85	3	0	9	3	0	55	74	+ 5	+ 3	0.0	— 0.2	2.1	10
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							86
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Minger **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *																							18
Malakand	Drosh *	000	0	4	00	00	98	01	1	465	58	2	1	7	5	0	43	54	+ 10	+ 4	0.3	—	5.2	89
Peshawar	Cherat *	000	0	0	18	03	98	02	0	444	64	0	0	9	0	0	40	60	+ 6	+ 4	0.1	— 1.5	3.3	—
	Kakul *	000	0	5	31	02	98	01	2	446	64	3	0	9	4	1	47	58	—	—	0.7	—	15.9	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					18
	Miranshah *	000	0	0	05	05	99	00	0	497	75	0	0	9	0	0	56	//	—	—	0.0	— 1.1	0.1	11
D.I. Khan	Wana *	000	0	0	00	00	98	00	0	460	73	0	0	9	0	0	51	40	—	—	0.0	—	4.4	13
Quetta	Fort Sandeman *	000	0	1	23	02	98	02	0	459	68	0	0	9	0	1	18	40	+ 2	+ 5	0.5	— 0.2	3.3	—
	Hindubagh *	000	0	0	27	03	97	02	0	///	50	0	0	9	0	0	//	38	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	18	02	98	00	0	450	56	0	0	9	0	0	34	55	—	—	0.1	—	2.2	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	449	78	0	0	9	0	0	69	69	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta) *	000	0	1	00	00	96	03	0	497	62	1	0	9	0	1	45	47	—	—	0.1	— 0.7	3.0	9
	Chaman *	000	0	0	09	03	96	00	0	491	78	0	0	9	0	0	60	77	+ 9	+ 21	0.0	— 0.4	7.7	—
	Nushki *	000	0	2	00	00	97	02	0	515	75	0	0	9	0	1	34	71	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	3	00	00	97	03	0	483	73	0	0	9	3	0	45	64	+ 4	+ 8	0.0	— 0.3	3.3	7
Kalat	Kalat *	000	0	0	09	02	98	00	2	481	60	0	0	9	0	0	36	32	+ 2	— 13	0.0	— 0.4	3.0	—
	Khuzdar *	000	0	1	36	02	96	03	0	468	77	0	0	9	0	1	22	64	—	—	0.0	—	2.6	5
	Panjgur *																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 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 APRIL, 1970.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_sT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Ohrmazd	99 2 09	10 6 92	17 1 80	52 9 02	98 0 31	10 4 29	74 / //							
Brandon	99 2 26	10 6 43	17 1 23	03 0 09	98 0 20	08 0 27	00 9 00	/// //	74 7 20					
Chvruonluder	99 2 38	10 5 98	17 4 83	02 0 06	97 0 20	08 4 27	00 9 00	01 / 25	...					

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	005 202 37	...	440 226 57	167 114 56	591 025 58	744 145 59	976 305 58	252 515 //	438 671 //	...	...	...	...
Dacca	00 00	003 252 //	...	400 186 61	074 050 62	576 067 60	746 911 58	954 339 60	238 501 //	420 655 //	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	092 230 13	...	450 180 30	078 100 25	581 011 //	766 101 //	973 231 //	261 345 //	...	...	...	...	...
Multan	00 00	998 210 63	...	500 170 60	108 003 21	573 165 //	740 241 //	946 325 //	...	...	...	...	...	...
Peshawar	00 00	962 188 57	...	400 196 57	061 086 56	573 125 56	740 247 //	943 401 //	210 515 //	396 523 //	...	...	...	...
Quetta	00 00	018 174 63	...	...	083 058 57	568 203 //	731 275 //	933 439 //	195 579 //	...	...	...	...	...
Sargodha	00 00	002 415 94	...	550 164 57	212 054 58	586 121 //	752 203 //	968 335 //	237 465 //	424 561 //	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm (mf/mfm)	$P_tT_tP_tT_tT_{tt}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong	00 00	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 210 63	888 154 65	600 035 40	350 253 66	...	...	...	...	...	...	...
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. → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal	...	...	...	...	...	...	...	...	...	200 19	220 25	225 23	...	...	...
Bogra	160 07	260 01	260 12	275 22	275 29	280 33	285 29	...	...	235 13	255 15	275 10	280 21	290 31	...
Chaklala	...	...	...	...	...	...	...	...	...	...	100 06	060 05	340 07	320 07	240 21
Chhor	275 21	270 19	275 16	295 11	315 13	290 13	295 15	315 25	295 21	255 25	270 19	275 23	265 17	260 15	265 12
Chittagong	145 16	155 21	180 19	230 17	265 17	...	...	...	...	195 15	185 17	200 12	231 10	255 15	255 14
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	140 12	175 17	180 13	205 10	...	...	...	...	...	200 29	215 31	255 29	/// //	275 19	...
Dalbandin	...	...	215 07	290 06	250 05	310 06	285 14	320 25	315 24	...	...	300 13	325 20	350 11	...
D. I. Khan	...	...	...	...	...	...	...	...	...	155 05	180 03	180 07	205 06	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	090 01	105 03	...
Fort Sandeman	...	...	...	215 06	315 03	360 05	310 23	290 34	300 40	...	...	...	010 06	295 16	300 29
Gilgit	...	...	090 01	095 25	360 37	100 22	280 10	210 12	...	...	...	...	010 01	115 06	230 06
Ishurdi	320 12	320 19	320 09	325 35	360 37	...	...	...	...	250 20	265 15	290 16	300 21	300 31	...
Jacobabad	295 12	315 09	315 12	305 13	305 13	325 17	...	...	...	240 12	250 09	255 10	270 10	290 09	310 32
Jessore	155 08	175 04	240 05	315 19	315 10	330 21	...	...	...	225 22	230 31	250 29	270 19	280 17	320 18
Jhelum	095 05	135 05	265 07	295 10	295 10	295 07	335 20	295 28	285 29	330 10	345 08	340 06	325 07	330 08	340 12
Jiwani	275 19	295 18	295 15	240 09	185 07	175 05	270 05	265 06	...	345 22	275 20	285 17	320 06	005 01	025 06
Karachi	280 12	280 10	290 12	300 09	320 11	315 11	290 11	290 12	070 08	265 19	270 21	270 23	270 20	300 18	300 15
Khanpur	045 07	020 07	010 02	265 10	265 10	268 09	265 07	295 19	295 20	355 07	260 08	265 12	295 15	335 09	330 12
Khuzdar	...	...	...	315 05	330 06	335 04	305 21	295 29	...	...	...	...	305 07	300 15	305 20
Lahore	315 15	320 22	320 19	320 17	300 14	300 16	305 20	300 19	310 28	310 04	310 10	305 13	320 14	325 12	340 08
Multan	150 09	155 08	160 05	240 04	320 02	335 12	320 43	345 23	330 27	110 07	115 11	135 08	185 08	230 09	270 09
Nawab Shah	345 11	340 11	330 16	315 25	315 31	320 25	300 12	330 15	300 22	295 06	315 10	310 15	285 13	320 09	325 13
Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	320 03	305 07	295 14	290 19	290 15
Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	325 17	305 30	315 15	305 30	300 27	...	...	...	...	...	...
Sargodha	320 02	330 05	300 15	325 06	325 18	300 18	335 19	325 26	315 23	350 06	260 07	265 04	260 04	280 08	300 10
Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	315 02	235 04	215 13	230 22	...	...	...	...	...	185 09	195 10	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	5	26	27
Barisal	...	...	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	295 06	010 09	005 03	050 04	305 49	...	...	...	...	...
Chhor	250 12	260 13	290 10	270 11	275 17	270 15	285 15	310 14	310 14	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	210 13	235 15	255 12	290 10	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	355 05	335 13	311 17	295 18	325 17	265 15	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	225 03	240 09	260 12	290 20	290 27	270 39	...	...	...	...	...
Jacobabad	255 07	330 05	295 18	285 16	285 17	275 15	...	...	...	...	...
Jessore	...	...	...	...	...	...	...	...	...	...	...
Jhelum	195 04	265 01	320 04	315 07	275 10	270 07	250 17	235 21	240 23	205 34	...
Jiwani	270 21	285 19	185 13	335 06	360 06	005 06	286 06	290 15	290 19	300 16	...
Karachi	270 12	295 18	300 17	300 12	305 10	335 07	300 07	295 05	300 04	...	...
Khanpur	045 08	235 05	231 01	235 16	230 09	248 30	245 30	200 02	265 05	275 22	285 47
Khuzdar	...	...	...	295 09	300 15	295 25	300 26	...	...	...	...
Lahore	250 05	240 06	325 06	225 05	280 05	290 06	335 09	350 06	320 08	310 12	265 21
Multan	175 08	245 08	245 06	275 05	280 01	280 21	265 22	255 24	260 25	252 25	...
Nawab Shah	310 14	355 15	340 13	340 09	310 14	290 14	290 15	295 22	270 19	...	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	005 05	315 05	230 10	250 08	195 13	235 15	245 13	250 20	235 28	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...
Quetta	100 03	165 04	150 07	225 09	210 05	215 12	250 25	270 19	260 24	250 14	...
Sargodha	...	...	...	...	325 11	310 20	310 39	295 51	...	...	...
Skardu	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
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	265 19	270 21	270 23	270 20	300 18	300 15	340 08	295 13	295 15	270 20	245 32	260 47	260 57	...	...	...	...	...
Multan	165 09	200 04	235 03	220 03	220 06	260 13	270 81	270 23	295 33	295 22	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		
Sargodha																		

Cloud observation Data (Hiiii 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 tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

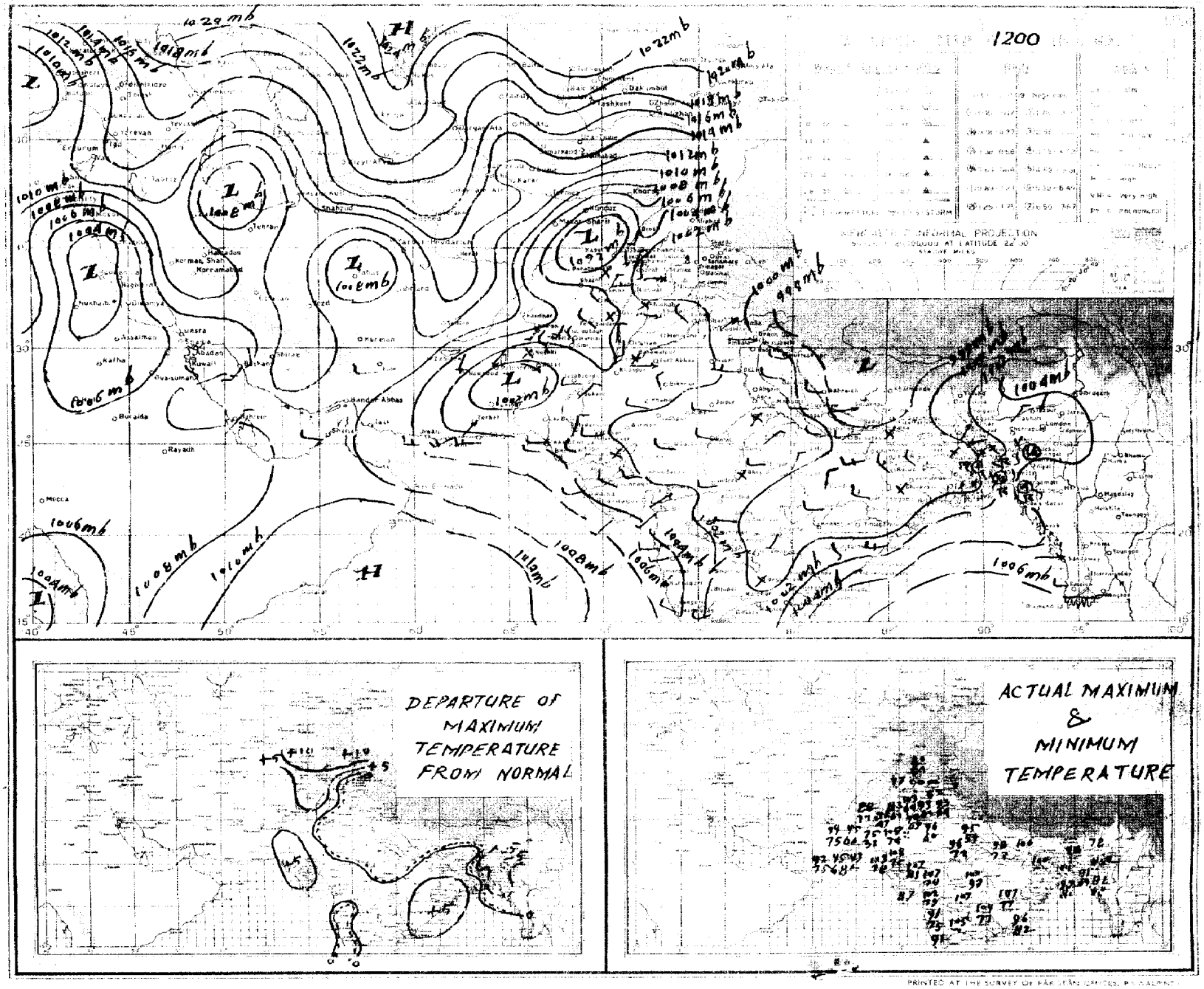
* The actual time of observations may vary within half an hour of the specified time.

* 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 is not can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre (Air Port KARACHI—11)

PAKISTAN DAILY WEATHER MAP

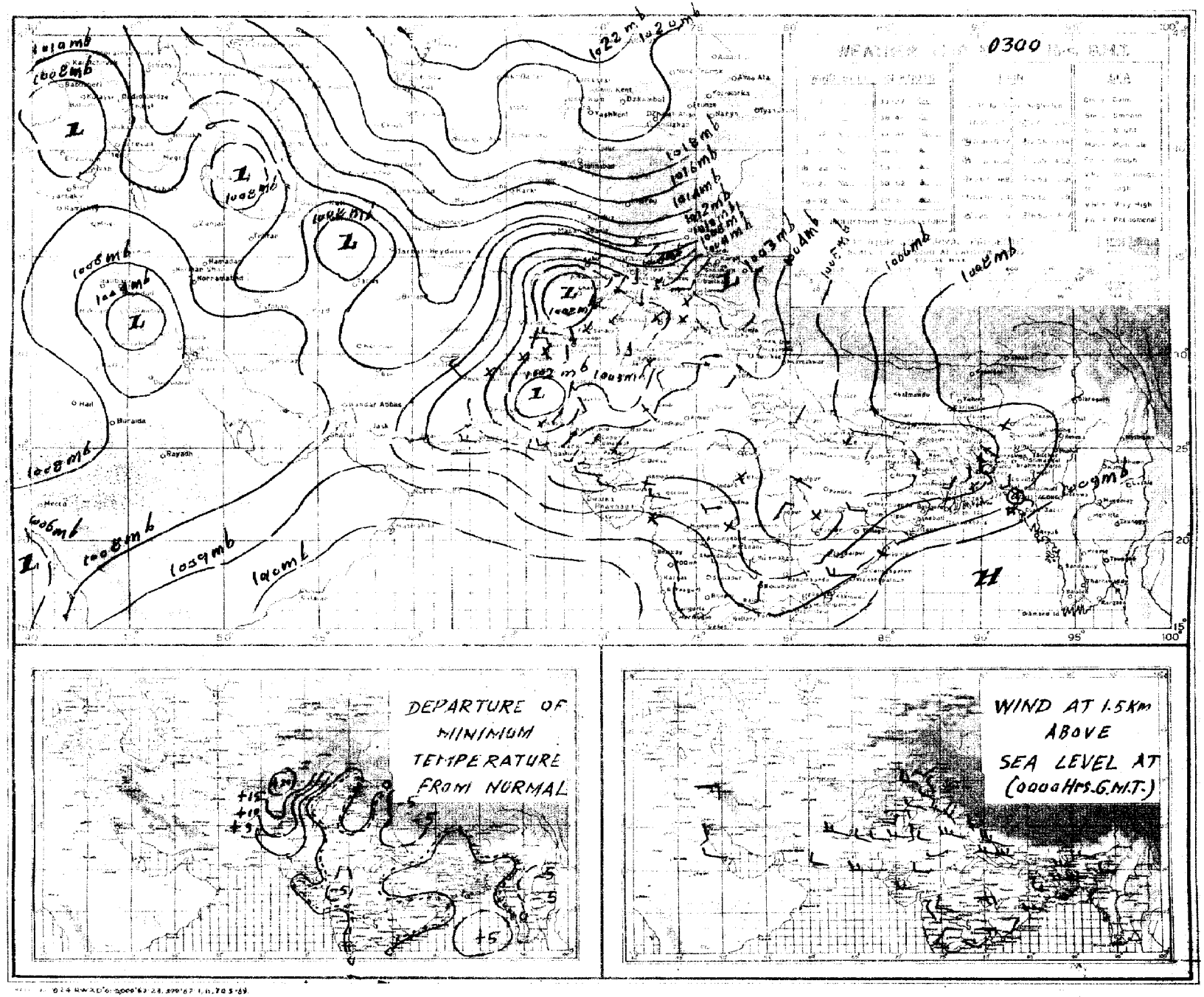
FRIDAY 17th APRIL, 1970



PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

SATURDAY 18th APRIL, 1970



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SUNDAY THE 19th APRIL, 1970.

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

Yesterday's western disturbance over Kashmir moved away eastwards. The western disturbance over northeast Iran and adjoining Afghanistan now lies over Peshawar division and adjoining areas. Its secondary lies over Kalat and Quetta division and neighbourhood.

Scattered rain/thundershowers have occured in Rawalpindi, Peshawar and Hyderabad division. A few thunderstorms/light showers have also occurred in Multan and D. I. Khan division.

The trough of low pressure lies over Bihar and adjoining west Bengal. Scattered rain/thundershowers have occurred in Chittagong division.

Chief amounts of rainfall recorded are Sylhet (upto 1200 Z) and Rawalpindi ½" each and Hyderabad ¼".

Day temperatures these were 3—9 °F (2—5 °C) above normal in the country outside Lahore, Rawalpindi, Kalat and Karachi divisions where these were nearly normal.

Forecast valid until the evening of 20th April, 1970 :—Scattered thunderstorm/showers are likely to occur in East Pakistan and in Peshawar, Rawalpindi, Lahore and Sargodha divisions and in Kashmir.

A few dust/thundershowers are also likely to occur elsewhere in West Pakistan outside Karachi and Kalat divisions.

Karachi-11
The 19th April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

DIVISION	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature *	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Minimum temperature °F
		RRR	Ws	N	dd	ff	Vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	TnTn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Chittagong	Rangamati	000	0	4	18	05	95	04	1	046	79	3	8	6	0	0	72	79	
	Cox's Bazar	000	0	5	18	09	93	03	1	049	87	4	4	4	1	0	78	87	
	Chittagong	000	0	7	18	14	96	02	2	039	84	4	5	4	3	0	80	95	
	Maijdee Court	000	0	4	18	02	96	03	2	031	85	2	2	5	2	0	80	90	
	Comilla	000	0	0	18	05	96	02	0	018	85	0	0	9	0	0	85	91	
	Brahmanbaria	000	0	5	15	07	97	03	1	016	98	3	4	5	7	4	80	100	
	Sylhet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Srimangal	002	0	0	36	05	96	00	9	012	87	0	0	9	0	0	73	93	
Dacca	Mymensingh	000	0	4	00	00	97	01	0	006	91	4	4	5	0	0	80	96	
	Narayanganj	000	0	4	13	02	95	02	1	011	87	1	6	6	3	1	78	88	
	Dacca (Tejgaon)	000	0	2	18	09	97	03	0	010	87	1	9	6	0	1	82	95	
	Faridpur	000	0	0	16	03	97	00	0	003	91	0	0	9	0	0	70	95	
Khulna	Barisal	000	0	6	18	05	97	52	2	022	86	5	9	4	0	4	80	93	
	Khulna	000	0	0	18	05	97	00	0	047	95	0	0	9	0	0	78	98	
	Satkhira	000	0	0	23	07	97	00	0	010	93	0	0	9	0	0	91	100	
	Jessore	000	0	3	00	00	96	03	0	003	95	0	0	9	0	1	72	100	
Rajshahi	Pabna	000	0	2	23	05	98	03	0	996	96	0	0	9	0	0	47	102	
	Sirajganj	000	0	6	00	00	96	02	0	997	94	6	0	9	1	0	65	98	
	Rajshahi	000	0	3	18	02	96	02	0	993	98	1	4	6	0	1	54	103	
	Bogra	000	0	2	00	00	96	02	0	990	91	0	0	9	3	1	60	100	
	Dinajpur	000	0	0	27	02	96	00	0	075	95	0	0	9	0	0	50	96	
	Rangpur	000	0	0	00	00	96	01	0	043	83	0	0	9	0	0	72	100	
Kashmir	Jammu																		
Lahore	Lahore (Idl Rd.)	000	0	3	00	00	97	01	1	998	96	1	0	9	1	2	43	98	
	Sialkot																		
Rawalpindi	Jhelum	000	0	0	05	02	98	02	0	990	90	2	5	7	7	1	45	96	
	Islamabad																		
	Rawalpindi	000	0	5	32	03	98	03	2	000	84	5	4	8	0	0	52	87	
	Campbellpur																		
Sargodha	Khushab	000	0	3	18	11	97	03	2	973	96	6	5	9	9	0	45	100	
	Sargodha	000	0	3	18	14	97	01	0	977	96	3	3	6	0	0	43	98	
	Lyallpur	000	0	0	16	02	97	00	0	976	91	0	0	9	0	0	56	96	
Multan	Sahiwal																		
	Multan	000	0	5	13	05	97	13	2	963	98	3	9	6	3	0	50	103	
	Laiah	000	0	0	31	09	95	00	0	072	100	0	0	9	0	0	68	11	
Bahawalpur	Khanpur	000	0	1	23	05	97	01	0	964	103	1	1	6	0	0	40	105	
	Bahawalpur	000	0	0	00	00	95	06	0	977	100	0	0	9	0	0	40	105	
	Fort Abbas	000	0	0	00	00	98	00	0	975	98	0	0	9	0	0	58	100	
Malakand	Chakdara	000	0	6	23	03	97	03	1	982	84	6	3	7	0	0	56	87	
Peshawar	Peshawar	000	2	7	13	03	97	17	9	997	86	3	9	6	2	0	56	89	
	Haripur	000	7	8	36	02	97	03	2	005	82	8	0	9	7	0	41	86	
D. I. Khan	Bannu	000	0	5	13	02	99	03	9	974	91	4	2	7	4	0	41	95	
	D. I. Khan	000	0	0	05	02	97	02	0	968	98	0	0	9	0	0	46	98	
Quetta	Sibi	000	0	0	23	06	96	02	0	984	106	0	0	9	0	0	72	107	
	Nokkundi	000	0	0	31	12	96	02	0	007	98	0	0	9	0	0	66	99	
Kalat	Turbat	000	0	0	18	02	98	00	0	076	110	0	0	9	0	0	35	110	
	Jiwani	000	0	0	27	14	96	02	0	032	87	0	0	9	0	0	09	91	
	Pasni	000	0	0	25	20	97	02	0	011	90	0	0	9	0	0	81	98	
Karachi division	Ormara	000	0	1	27	23	96	03	3	018	89	1	8	6	0	0	62	92	
	Lasbela	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
	Karachi (Manora)	000	0	0	27	05	97	02	0	017	94	0	0	9	0	0	74	86	
	Karachi (Airport)	000	0	2	27	12	96	03	0	015	92	1	1	6	0	1	68	99	
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	099	102	0	0	9	0	0	11	108	
	Chhor	000	0	3	27	05	96	02	0	985	103	3	0	9	3	0	59	108	
	Hyderabad	000	1	6	23	02	97	60	1	990	105	2	5	6	3	0	40	110	
	Badin	000	0	0	23	10	97	02	0	015	104	0	0	9	0	0	55	11	
Khairpur	Padidan	000	0	3	29	05	96	03	0	991	105	0	0	9	0	5	33	109	
	Nawabshah	000	0	8	31	07	96	03	1	991	105	2	1	6	1	0	40	109	
	Sukkur	000	0	6	16	05	96	03	3	994	105	6	0	9	6	0	57	106	
	Kashmore																		
	Jacobabad	000	0	2	31	09	96	03	0	970	107	2	1	6	0	0	46	108	
Limgedh	Veraval																		
	ALL STATIONS																		
Kashmir	Srinagar																		
	Gulmarg																		
	Sonamarg																		
	Drar																		
	Leh																		
	Skardu																		
	Misgar																		
	Astabad																		
	Gilgit																		
Rawalpindi	Murree																		
Malakand	Drosh																		
Peshawar	Chitral	010	2	8	13	07	98	50	6	437	66	8	7	6	0	0	40	79	
	Kakul	000	0	7	13	05	98	03	2	439	69	4	3	5	7	0	38	75	
	Landikotal	000	0	4	36	02	98	01	0	459	77	4	3	9	0	2	38	79	
	Prachinar																		
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	525	87	0	0	9	0	0	60	90	
	Wana	000	0	3	11	08	98	00	0	448	82	3	2	8	0	0	52	84	
Quetta	Fort Sandeman	000	0	3	31	07	97	01	1	417	81	3	4	7	0	0	17	82	
	Hindubagh	000	0	0	23	09	97	02	0	471	62	0	0	9	0	0	11	68	
	Loralai	000	0	0	18	08	97	00	0	450	75	0	0	9	0	0	49	70	
	Barkhan																		
	Harnai	000	0	0	31	09	96	02	0	415	90	0	0	9	0	0	54	92	
	Samungli (Quetta)	000	0	2	32	12	96	03	0	444	74	0	3	9	2	0	28	76	
	Chaman	000	0	0	23	05	97	00	0	485	81	0	0	9	0	0	42	82	
	Nushki	000	0	0	31	08	95	05	0	505	89	0	0	9	0	0	45	92	
	Dalbandin	000	0	0	36	05	97	02	0	477	92	0	0	9	0	0	25	95	
Kalat	Kalat	000	0	0	31	02	90	00	2	45.	70	0	0	9	0	0	35	75	
	Khuzdar	000	0	3	31	07	97	02	0	434	[illegible]	1	5	9	0	0	17	88	
	Panjgur	000	0	2	36	07	96	02	0	469	97	2	4	6	0	0	49	97	

DIVISION	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 April, 1970 to date	Departure from normal	Since 1st January, 1970 to date	Annual Normal
		RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	5	18	05	98	03	1	111	87	3	3	6	3	1	76	76	—	—	—	—	—	—
	Cox's Bazar	000	0	5	18	05	97	03	0	096	88	4	2	4	1	1	77	79	— 2	—	—	—	—	100
	Chittagong	000	0	6	13	07	96	03	2	098	86	5	4	4	0	1	75	72	+ 6	— 1	5.4	+ 2.9	5.9	108
	Maijdee Court	000	0	4	18	05	96	03	2	088	87	3	2	5	2	0	78	80	+ 1	+ 4	—	—	—	115
	Comilla	000	0	0	18	05	96	02	0	949	86	0	0	9	0	0	85	62	— 1	— 16	3.5	+ 0.6	6.8	94
	Brahmanbaria	000	0	2	18	02	97	03	1	063	80	2	5	5	0	0	79	11	—	—	3.9	+ 0.0	47.8	78
	Sylhet	006	8	7	09	05	96	02	0	100	73	4	4	5	7	0	73	70	—	—	1.18	—	19.2	—
	Srimangal	000	2	5	09	02	96	02	0	094	11	3	4	7	1	0	73	72	+ 2	—	—	—	—	98
Dacca	Mymensingh	000	0	4	13	02	97	02	2	070	85	4	5	4	0	0	77	76	+ 6	+ 4	—	—	—	91
	Narayanganj	000	0	8	13	02	97	02	2	087	88	8	6	4	0	0	77	80	— 4	+ 6	4.8	+ 4.1	9.6	74
	Dacca (Tejgaon)	000	0	7	13	05	97	02	2	083	94	7	8	4	0	0	79	80	—	—	1.8	—	4.2	—
	Faridpur	000	0	6	16	05	97	02	2	066	85	4	4	5	1	0	76	78	+ 2	+ 3	—	—	—	71
Khulna	Barisal	000	0	7	10	07	97	03	2	084	87	7	5	5	0	0	80	78	+ 1	+ 3	2.6	+ 0.7	3.9	81
	Khulna	000	0	0	00	00	97	00	0	069	90	0	0	9	0	1	78	81	+ 5	+ 5	4.0	+ 2.6	7.9	68
	Satkhira	000	0	6	16	03	97	00	0	077	86	2	0	3	0	1	75	84	+ 5	+ 1	1.4	— 0.1	5.1	65
	Jessore	000	0	4	15	12	96	01	2	071	87	4	6	3	0	0	80	81	—	—	3.9	— 2.4	7.7	65
Rajshahi	Pabna	000	0	0	23	05	98	02	0	060	67	0	0	9	0	0	78	80	—	—	1.5	—	4.6	39
	Sirajganj	000	0	6	18	02	98	03	1	078	80	6	2	6	0	0	78	77	+ 3	+ 5	3.7	+ 2.2	5.7	64
	Rajshahi	000	0	3	18	03	96	02	0	069	90	0	0	9	0	1	78	80	+ 6	+ 7	0.1	— 0.7	2.1	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					69
	Dinajpur	000	0	0	00	00	96	00	0	049	90	2	0	9	0	1	63	72	+ 2	+ 1	—	—	—	78
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9					84
Kashmir	Jammu																							—
Lahore	Lahore (Idl Rd.)	000	0	0	05	02	96	01	1	051	79	1	5	7	7	0	52	71	+ 2	+ 7	0.0	— 0.4	2.0	19
	Sialkot																							32
Rawalpindi	Jhelum	004	6	2	31	02	98	01	9	063	59	0	0	9	0	1	55	58	—	—	0.2	—	4.6	—
	Islamabad																							—
	Rawalpindi	040	9	3	00	00	99	00	9	079	62	1	0	9	0	0	58	59	0	— 10	0.2	— 1.3	8.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	1	036	72	0	0	9	0	0	58	66	+ 6	— 1	0.0	— 0.6	1.8	15
	Sargodha	000	0	1	05	05	97	02	0	059	76	1	1	6	3	0	56	65	—	—	0.0	—	1.7	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					12
Multan	Sahiwal																							10
	Multan	005	9	0	36	05	97	02	0	057	75	0	0	9	0	0	54	68	+ 7	0	0.1	— 0.1	0.9	7
	Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Malakand	Chakdara	003	0	0	05	05	98	02	0	072	63	0	0	9	0	0	49	56	—	—	0.0	—	6.4	—
Peshawar	Peshawar	000	0	0	00	00	97	02	0	074	69	0	0	9	0	0	52	60	+ 4	— 1	—	—	—	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
D. I. Khan	Bannu	000	0	3	31	02	99	01	2	073	74	0	0	9	2	3	49	62	—	—	0.2	—	1.7	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					9
Quetta	Sibi	000	0	0	00	00	97	02	0	016	78	0	0	9	0	0	40	77	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	09	02	96	03	0	066	77	0	0	9	0	0	22	67	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	13	02	97	00	0	094	81	0	0	9	0	0	46	75	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	02	96	01	0	066	79	0	0	9	0	0	70	73	—	—	0.0	—	8.3	3
	Pasni	000	0	0	29	06	97	02	0	064	72	0	0	9	0	0	60	68	+ 7	0	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	0	27	19	94	02	0	059	82	0	0	9	0	0	75	61	—	—	0.0	— 0.6	2.9	6
	Lasbela	000	0	0	00	00	98	00	0	065	71	0	0	9	0	0	66	69	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	0	27	05	96	02	0	059	80	0	0	9	0	0	74	78	0	+ 3	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	051	78	0	0	9	0	0	72	75	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	0	23	05	96	02	0	038	79	0	0	9	0	0	61	68	—	—	0.0	—	1.1	7
	Hyderabad	021	9	0	23	02	97	03	9	050	81	0	0	9	0	0	68	76	+ 8	+ 3	0.2	+ 0.2	1.3	9
	Badin	000	0	0	23	02	97	02	0	016	75	0	0	9	0	0	67	73	+ 4	+ 1	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	00	00	96	02	0	045	83	0	0	9	0	0	49	68	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	00	00	94	02	0	049	77	0	0	9	0	0	22	71	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	05	05	95	05	4	048	82	0	0	9	0	0	45	76	—	—	0.0	—	0.9	—
	Kashmore																							4
	Jacobabad	008	0	0	18	03	96	02	0	050	82	0	0	9	0	0	45	74	+ 8	+ 3	0.0	— 0.2	2.1	20
Limgedh	Veraval																							26
	ALL STATIONS																							—
Kashmir	Srinagar																							71
	Gulmarg																							16
	Sonamarg																							8
	Drar																							6
	Leh																							—
	Skardu																							—
	Misgar																							5
	Astabad																							19
	Gilgit																							—
Rawalpindi	Murree																							18
Malakand	Drosh																							29
Peshawar	Chitral	010	9	0	36	05	98	02	0	473	63	0	0	9	0	0	59	56	+ 7	0	0.2	— 1.5	3.4	—
	Kakul	000	0	6	31	05	98	01	2	472	60	3	5	6	4	0	46	59	—	—	0.7	—	15.9	—
	Landikotal	000	0	0	36	02	98	02	0	452	69	0	0	9	0	0	38	60	—	—	—	—	—	29
	Prachinar																							13
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	483	79	0	0	9	0	0	49	50	—	—	0.0	— 1.1	0.1	11
	Wana	000	0	0	00	00	98	00	0	461	73	0	0	9	0	0	52	60	—	—	0.0	—	4.4	13
Quetta	Fort Sandeman	000	0	0	00	00	98	01	0	474	70	0	0	9	0	0	45	57	+ 1	+ 2	0.5	— 0.2	3.3	—
	Hindubagh	000	0	0	27	09	97	02	0	111	54	0	0	9	0	0	11	40	—	—	0.0	—	1.6	9
	Loralai	000	0	0	18	02	98	00	0	455	60	0	0	9	0	0	39	55	—	—	0.1	—	2.2	—
	Barkhan																							14
	Harnai	000	0	0	23	05	96	02	0	451	79	0	0	9	0	0	24	64	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta)	000	0	0	00	00	96	02	0	487	62	0	0	9	0	0	44	42	—	—	0.1	— 0.7	3.0	9
	Chaman	000	0	0	27	03	97	00	0	491	78	0	0	9	0	0	61	65	+ 3	+ 9	0.0	— 0.5	7.7	—
	Nushki	000	0	0	07	03	97	02	0	522	74	0	0	9	0	0	32	65	—	—	0.0	—	3.5	4
	Dalbandin	000	0	0	00	00	97	02	0	481	71	0	0	9	0	0	40	62	+ 4	+ 4	0.0	— 0.2	3.3	7
Kalat	Kalat	000	0	0	13	02	98	00	2	491	58	0	0	9	0	0	19	31	+ 2	— 14	0.0	— 0.4	3.0	—
	Khuzdar	000	0	0	05	03	96	02	0	469	75	0	0	9	0	0	26	70	—	—	0.0	—	2.6	8
	Panjgur	000	0	0	05	03	96	02	0	472	67	0	0	9	0	0	39	60	—	+ 1	—	—	—	

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 19th APRIL, 1970.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_a L_o L_o$	$Q_c L_o L_o L_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	7RR $t_R t_R$	8$N_s C h_s h_s$	$OT_s T_s T_s T_d$	1$T_w T_w T_{wc}$ T	3$P_w P_w H_w H_w$	d. $d_w P_w H_w$ H
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
City of Giay	99 1 92	10 5 92	30 0 00	98 0 20	07 9 28	32 4 00	14 6 08	05 3 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
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 260 07	...	420 170 46	005 076 61	571 063 56	741 187 50	...			...	...	...	...
Dacca ...	00 00	004 280 27	...	520 189 06	093 066 24	577 075 70	747 203 61	954 356 1	225 569 / /	403 675 / /	640 795 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	990 220 62	...	400 120 65	045 006 57	464 251 / /	724 291 / /	933 371 / /	206 455 / /	594 545 / /	644 675 / /	...	...	...
Peshawar ...	00 00	965 160 35	...	390 148 57	032 044 57	568 131 56	731 217 / /	942 345 / /	215 517 / /	402 517 / /	...	...	...	...
Quetta ...	00 00	817 166 44	...	...	079 053 / /	574 107 / /	742 215 / /	950 307 / /	...	...	...	...	...	...
Sargodha ...	00 00	992 230 50	...	520 170 56	148 064 58	581 131 / /	748 231 / /	955 345 / /	237 391 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											$P_m P_m P_m$ dmdm lmlmlm	$P_t P_t P_t T_t T_t T_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	680 160 66	688 209 60	350 275 55	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
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 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	180 21	185 19	210 14	200 10	240 12	253 12	...	...	...	210 16	215 19	220 23	290 12	275 13	
Bogra ...	260 12	260 10	260 10	250 13	250 22	270 33	285 38	...	...	245 16	235 16	235 07	255 11	275 18	275 26
Chaklala ...	...	050 12	050 12	065 08	075 04					...	055 04	070 04	055 05	150 05	095 05
Chhor ...	127 08	280 10	280 09	290 12	315 09	985 16	295 19	295 21	275 24	246 23	260 17	260 22	330 40	...	...
Chittagong ...	175 15	175 13	180 12	195 10	195 10	...	...	...	...	195 12	205 12	215 1	/// //	260 13	...
Cherat ...	...	...	...	...	...	...	...	...	...						
Cox's Bazar ...										165 09	185 09	200 10	215 11	...	...
Dacca ...	160 09	160 17	170 21	180 32	185 28	210 21	250 22	250 19		190 15	205 15	260 13	/// //	260 10	
Dalbandin ...	...	...	355 05	340 07	330 05	310 10	320 21	231 25	335 27	...	...	065 01	350 12	345 15	325 15
D. I. Khan ...	145 04	145 07	140 10	115 07	235 10	235 10	265 17	265 28	...	100 05	105 07	110 10	140 07	215 07	...
Drosh ...	...	...	...								...	...			
Fort Sandeman ...	...	...	...	305 15	308 13	285 18	275 23	290 32	295 34	...	...	...	325 02	215 11	335 12
Gilgit ...															
Ishurdi ...	245 12	250 12	260 12	255 17	270 21	270 19	...	...	...						
Jacobabad ...	265 15	275 17	280 12	270 12	270 17	280 22	345 49	...	...	335 23	340 32	385 21	330 25	235 25	...
Jessore ...	250 06	265 08	265 08	270 15	270 17	270 25	...	...	...						
Jhelum ...	...	...	...	...	...	...	...	...	...	035 10	090 10	105 07	250 05	235 04	250 10
Jiwani ...	265 15	265 18	295 09	295 10	065 07	305 10	225 14	265 10	...	255 11	320 15	300 18	280 18	280 12	300 87
Karachi ...	270 14	280 17	280 20	290 31	270 18	285 17	270 14	252 15	...	270 12	310 12	315 15	315 09	300 18	300 22
Khanpur ...	225 06	275 07	275 07	290 12	300 11	260 17	250 19	260 23	270 21	015 19	045 04	080 16			
Khuzdar ...				295 06	310 12	235 16	315 26						330 08	120 27	
Lahore ...	235 03	235 04	235 04	258 06	235 07	260 07	250 09	235 18	235 13	005 20	005 29	020 23	025 11	120 04	195 05
Multan ...	095 02	110 03	130 01	175 03	180 12	215 21	270 21	...	...	055 11	055 16	055 16	031 02	045 10	050 08
Nawab Shah ...	295 10	305 10	295 10	265 14	265 15	260 15	...	...	...	350 15	350 20	345 23	335 16	305 14	285 12
Noikundi ...	...	...	...		...	...	...	...	...						
Panjgur ...	...							...	...				020 13	360 16	345 24
Peshawar ...	...	170 06	235 10	245 13	260 13	280 13	...	...	...	...	250 06	125 06	035 02	045 04	310 10
Parachinar ...	...			...											
Quetta ...					305 24	285 18	275 29	...	...						
Sargodha ...	075 06	075 10	045 07	045 06	...			...	...	030 03	030 07	030 02	325 07	335 10	338 15
Skardu ...								...	...						
Sylhet ...	100 07	200 13	194 19	240 25	/// //	325 27		...	...						
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 ...	100 14	170 12	190 08	220 08		...	...		...		...
Bogra ...	130 05	180 05	210 09	...		...			...	...	...
Chaklala ...	...	045 02	125 04	100 05	030 08	005 14	010 18	570 13	310 16		...
Chhor ...	005 10	015 19	350 15	320 15	215 15	360 28	360 22	995 27	270 27		...
Chittagong ...	190 12	170 13	170 12	145 12	145 08	230 10	345 14	260 35	275 53	285 47	...
Cherat ...											
Cox's Bazar ...	190 07	195 09	185 08	115 06	185 06	175 06		...	...	...	...
Dacca ...	...	...	...								
Dalbandin ...	...		115 02	350 10	350 17	330 19	330 21	330 21	320 27	330 21	320 29
D. I. Khan ...	...	...	...	...	...	...					
Drosh ...	...	...	...								
Fort Sandeman ...	...	...	...	285 06	270 07	005 02	005 02	310 07	285 10	275 19	315 27
Gilgit ...											
Ishurdi ...	170 05	170 06	305 04	200 10	255 14	305 10	...	...	...	...	...
Jacobabad ...	100 12	005 12	055 10	335 17	355 16	325 18	325 35	320 51	320 31	320 31	...
Jessore ...	...	...	...	...					...		
Jhelum ...											
Jiwani ...	260 12	290 07	290 06	300 5	255 02	010 07	310 10	340 14	340 19		...
Karachi ...	315 03	345 04	335 08	320 09	305 28	315 17	...		...		
Khanpur ...	025 15	020 18	035 16	045 13	070 12						
Khuzdar ...				015 06	350 15	340 14	330 08	315 19	320 20	320 29	350 62
Lahore ...	050 06	065 07	170 09	/// //	130 04	/// //	355 09	335 12	335 11	310 13	275 16
Multan ...	110 08	010 10	010 12	010 12	050 12	340 05	270 12	345 20	260 30	...	...
Nawab Shah ...	030 04	005 17	340 17	315 14	300 13	295 17				...	...
Noikundi ...											
Panjgur ...	...	...		340 03	315 04	085 10	330 15	340 14	320 19	340 22	
Peshawar ...	...	060 04	055 04	330 07	305 17	325 12	075 10	010 15	335 13	350 12	330 17
Parachinar ...	...	...		...							
Quetta ...					305 04	305 08	295 05	285 10	280 13		...
Sargodha ...	060 09	050 10	045 15	035 09	345 09	315 14	290 11	315 15	335 13	355 33	...
Skardu ...											
Sylhet ...	20 09	160 09	195 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 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 12	300 12	315 15	315 19	300 18	330 22	330 19	340 18	340 29	340 23	330 44	320 62	...	...	...	...	...	...
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

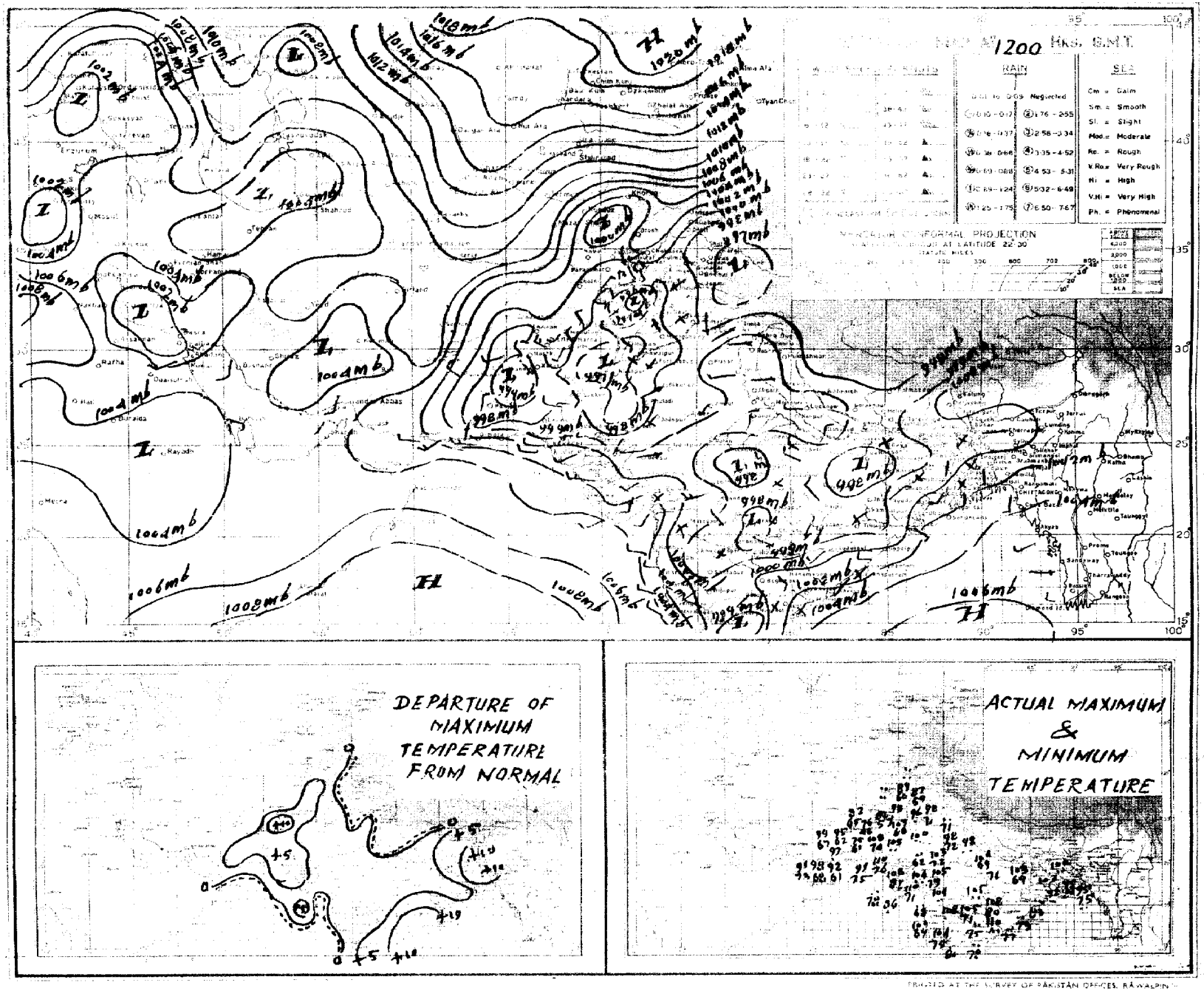
* The actual time of observations may vary within half an hour of the specified time.

* 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 "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 18th APRIL, 1970.



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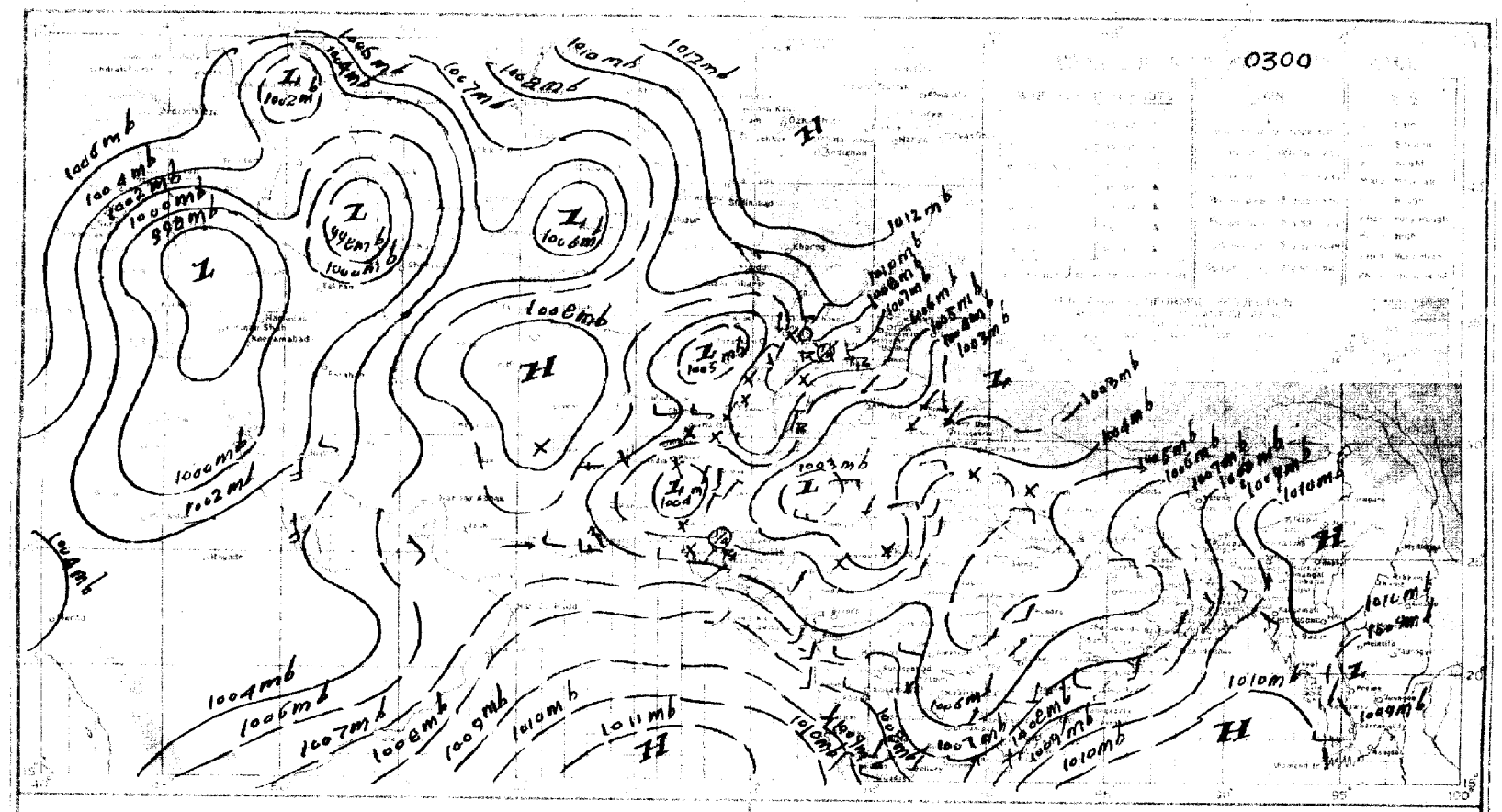
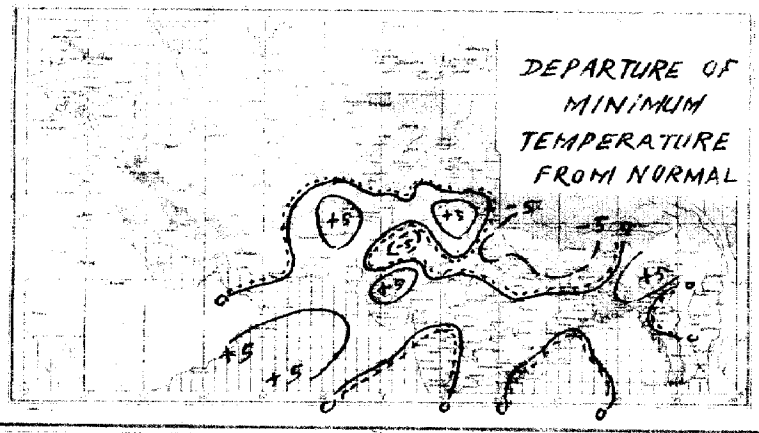
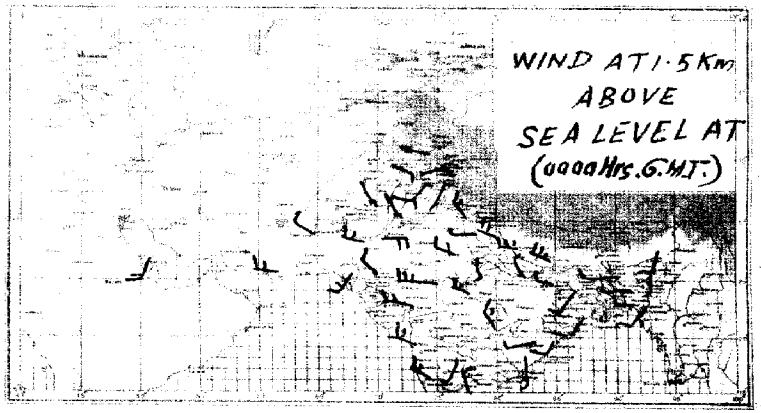
PAKISTAN DAILY WEATHER MAP

SUNDAY 19th APRIL, 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

MONDAY THE 20th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar is moving across Kashmir. Its secondary now lies over Rajasthan. A fresh western disturbance lies over Russian Turkistan. Its secondary is moving across southeast Iran.

The trough of low pressure over Bihar and adjoining west Bengal persists. Local rain/thundershowers have occurred in Dacca and Rajshahi divisions. Weather remained dry elsewhere over the country.

Chief amounts of rainfall are Faridpur ¾", Sirajganj ½", Mymensingh, Pabna and Bogra ¼" each.

Day temperatures were 3–9 °F (2—5 °C) above normal in the country outside Chittagong, Dacca, Multan, Lahore, D. I. Khan and Karachi divisions, where there were nearly normal.

Forecast valid until the evening of 21st April, 1970 :—Local rain/thundershowers with squally winds are likely to occur in Dacca, Khulna and Rajshahi divisions, scattered in Chittagong, Malakand and Peshawar divisions and in Kashmir. A few dust/thunderstorms are also likely in Kalat, Khairpur and Hyderabad divisions. Dry weather is likely to prevail elsewhere in the country.

NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

Earth Quake Report. Seismograph of geophysical centre Quetta have recorded two earth quakes of moderate intensity on 19th April 1970 at 18 hours 36 minutes W. P. S. T. and 18 hours 54 minutes W. P. S. T. The epicentre lies about 2000, miles northwest of Quetta near western Turkey.

Karachi-11
The 20th April, 1970.

OBSERVATIONS

MUHAMMAD SAMIULLAH
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 cens 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 *@	Maximum temperature *@
		RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati *	000	0	1	23	02	95	04	0	848	90	1	1	7	0	0	76	95
	Cox's Bazar	000	0	0	27	08	96	02	0	052	85	0	0	9	0	0	77	90
	Chittagong	000	0	6	23	10	96	02	2	051	85		2	5	2	0	80	90
	Maijdee Court	000	0	4	18	02	96	03	2	041	85	4	3	5	2	0	77	90
	Comilla	000	0	5	00	00	96	03	1	048	87	5	4	5	0	0	65	91
	Brahmanbaria	000	0	5	18	07	97	03	1	045	93	7	5	0	4	0	78	96
	Sylhet	000	0	4	00	00	96	02	0	041	85	7	5	5	3	0	76	87
	Srimangal	000	0	5	00	00	96	02	9	045	85	3	9	4	7	2	77	91
Dacca	Mymensingh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Narayanganj	010	0	8	31	06	90	06	9	060	76	8	7	3	/	/	70	85
	Dacca (Tejgaon)	008	2	8	27	05	96	95	9	060	76	6	9	4	7	/	//	//
	Faridpur	007	3	8	02	02	96	95	9	027	72	2	7	5	0	0	70	95
Khulna	Barisal	000	0	6	18	02	75	03	1	045	87	7	3	5	0	0	80	93
	Khulna	000	0	6	31	05	97	02	0	045	87	6	0	4	0	0	82	96
	Satkhira	000	0	0	18	10	96	00	0	038	82	2	3	0	0	0	70	87
	Jessore	000	0	5	06	08	97	02	0	015	85	5	3	4	0	0	72	98
Rajshahi	Pabna	020	3	3	13	09	98	01	9	024	77	4	3	6	0	0	67	90
	Sirajganj	055	1	5	09	05	93	01	9	035	73	5	0	7	1	/	63	91
	Rajshahi	000	0	0	13	09	96	09	0	025	85	0	0	9	0	0	76	02
	Bogra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dinajpur																	
	Rangpur	000	0	2	23	02	96	01	0	039	82	2	0	9	1	0	73	98
Kashmir	Jammu																	
Lahore	Lahore (Intl Ad.)	000	0	3	30	13	97	03	0	024	95	1	1	7	2	0	41	96
	Sialkot																	
Rawalpindi	Jhelum	000	0	4	18	02	98	02	0	034	91	3	0	9	7	1	77	93
	Islamabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rawalpindi	000	0	5	27	02	59	02	2	042	87	0	0	9	0	4	53	90
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	074	98	0	0	9	0	0	68	00
	Sargodha	000	0	1	05	03	98	02	0	052	93	1	1	6	3	0	58	95
	Lyallpur	000	0	0	16	02	97	00	0	025	91	0	0	9	0	0	58	95
Multan	Sahiwal																	
	Multan	000	0	1	36	03	97	02	0	031	96	0	0	9	0	0	47	98
	Lalah																	
Bahawalpur	Khanpur	000	0	0	03	03	95	06	0	024	96	0	0	9	0	0	39	98
	Bahawalpur	000	0	2	00	00	96	00	0	079	00	0	0	9	0	1	40	04
	Fort Abbas	000	0	0	36	02	98	00	0	073	84	0	0	9	0	0	47	//
Malakand	Chakdara	000	0	3	00	00	97	01	1	019	86	0	0	9	0	3	49	86
Peshawar	Peshawar	000	0	2	36	02	97	01	0	047	87	0	0	9	0	1	50	87
	Haripur	000	0	0	18	03	98	00	0	045	82	0	0	9	0	0	40	90
D. I. Khan	Bannu	000	0	0	03	02	99	01	1	036	91	0	0	9	2	0	35	93
	D. I. Khan	000	0	0	00	00	97	02	0	042	93	0	0	9	0	0	41	96
Quetta	Sibi	000	0	2	18	03	97	03	1	013	07	0	2	9	0	0	56	08
	Nokkundi	000	0	0	00	00	97	02	0	986	01	0	0	9	0	2	47	02
Kalat	Turbat	000	0	0	27	02	98	00	0	064	08	0	0	9	0	0	//	08
	Jiwani	000	0	5	25	09	96	02	1	045	89	3	0	9	3	0	68	94
	Pasni	000	0	0	25	06	97	02	0	518	88	0	0	9	0	1	80	98
Karachi division	Ormara	000	0	0	27	14	96	02	0	039	92	0	0	9	0	0	70	96
	Lasbela	000	0	2	18	02	98	00	0	018	10	0	0	9	0	0	54	13
	Karachi (Manora)	000	0	0	27	05	97	02	0	029	93	0	0	9	0	0	74	86
	Karachi (Airport)	000	0	0	23	07	96	02	0	040	92	0	0	9	0	0	61	02
Hyderabad	Nagarparkar																	
	Chhor	000	0	3	31	07	96	02	0	016	04	0	0	9	0	0	25	06
	Hyderabad	000	0	6	31	03	97	02	0	029	02	0	0	9	0	0	37	04
	Badin	000	0	0	23	11	97	02	0	043	06	0	0	9	0	0	48	08
Khairpur	Padidan	000	0	3	29	05	97	02	0	027	01	0	0	5	9	0	39	03
	Nawabshah	000	0	8	36	03	96	02	0	036	03	8	0	9	0	0	48	05
	Sukkur	000	3	6	13	03	95	05	4	011	01	0	0	9	0	0	47	02
	Kashmore																	
	Jacobabad	000	0	2	00	00	97	03	0	019	04	0	0	9	0	1	55	04
Limagadh	Varavai																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Hunza *																	
	Ahabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *																	
Peshawar	Cherat *	000	0	0	34	12	98	02	0	491	73	0	0	9	0	0	63	78
	Kakul *	000	0	6	10	05	98	03	2	467	76	2	1	6	3	1	38	76
	Landikotal *	000	0	0	05	05	98	02	0	442	82	0	0	9	0	0	54	86
	Prachinar *	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D.I. Khan	Miranshah *	000	0	0	05	05	99	03	0	477	84	0	0	9	0	0	59	//
	Wana *	000	0	0	00	00	98	00	0	447	82	0	0	9	0	0	51	85
Quetta	Fort Sandeman *	000	0	2	20	03	98	03	0	458	82	0	0	9	0	1	15	83
	Hindubagh *	000	0	0	23	13	97	02	0	//	62	0	0	9	0	0	//	70
	Loralai *	000	0	0	27	06	98	00	0	468	75	0	0	9	0	0	52	74
	Barkhan *																	
	Harnai *	000	0	0	23	03	96	02	0	446	92	0	0	9	0	0	38	94
	Samungli (Quetta) *	000	0	1	32	05	96	02	0	463	79	0	0	9	0	1	33	81
	Chaman *	000	0	0	27	03	97	00	0	497	86	0	0	9	0	0	27	88
	Nushki *	000	0	0	31	03	97	02	0	501	93	0	0	9	0	0	49	92
	Dalbandin *	000	0	0	00	00	97	02	0	472	96	0	0	9	0	0	34	98
Kalat	Kalat *	000	0	0	31	02	98	00	2	446	74	0	0	9	0	0	27	75
	Khuzdar *	000	0	0	31	02	97	02	0	451	90	0	0	9	0	0	34	90
	Panjgur *	000	0	0	31	02	96	02	0	474	96	0	0	9	0	0	43	98

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in cens 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 *@	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st April, 1970 to-date	Departure from normal	Since 1st January, 1970 to-date	Annual Normal
		RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TaTa	TxTx	TaTa				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati *																							
	Cox's Bazar	000	0	5	00	00	96	03	0	100	89	5	4	4	3	0	77	79	+ 1	+ 6	—	—	—	46
	Chittagong	000	0	6	00	00	96	02	2	103	86	5	8	-	3	0	81	81	+ 1	+ 9	5.4	+ 2.7	5.9	109
	Maijdee Court																		+ 1					115
	Comilla	000	0	0	18	05	96	03	0	088	84	0	8	9	0	0	81	78	—	—	3.5	+ 0.3	6.8	94
	Brahmanbaria	000	0	4	18	07	97	03	1	087	84	6	5	5	0	0	81	79	—	—	3.9	0.0	47.8	78
	Sylhet	000	0	6	00	00	96	05	4	095	82	6	0	9	4	0	75	75	—	—	1.18		19.2	—
	Srimangal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		0				98
Dacca	Mymensingh	010	0	0	00	00	97	02	2	094	82	7	5	4	0	0	73	73	—	+ 1	—	—	—	91
	Narayanganj	020	0	8	18	03	97	02	2	090	87	5	6	4	3	1	79	75	— 7	+ 2	8.0	+ 5	9.9	74
	Dacca (Tejgaon)	011	9	7	13	09	97	03	9	085	82	3	5	4	3	0	73	73	—	—	1.9	—	4.3	—
	Faridpur	070	0	8	16	02	97	02	2	088	81	6	4	5	7	0	79	77	+ 2	+ 2	—	—	—	71
Khulna	Barisal	003	9	1	18	03	97	02	2	087	86	5	4	4	0	0	79	75	+ 1	0	2.6	+ 0.4	3.9	81
	Khulna	000	8	0	00	00	97	00	0	///	84	0	0	9	0	0	79	79	+ 2	—	4.0	+ 3.1	7.9	69
	Satkhira	000	0	7	00	00	97	01	1	097	86	2	0	1	0	1	81	81	+ 8	—	1.4	— 0.1	5.1	68
	Jessore	000	0	7	00	03	97	02	2	078	82	4	9	4	7	0	79	77	—	—	3.9	+ 1.3	7.7	65
Rajshahi	Pabna	020	0	8	13	05	98	03	1	075	82	8	0	9	0	1	79	75	—	—	1.7	—	4.8	89
	Sirajganj	085	9	1	18	03	97	02	2	076	79	8	0	7	1	0	73	75	— 4	+ 3	4.3	+ 2.6	6.3	64
	Rajshahi	000	7	0	09	03	96	02	2	075	82	3	4	5	3	0	65	81	+ 5	+ 8	0.1	— 0.8	2.1	—
	Bogra	022	0	7	13	03	96	02	2	081	79	5	5	4	7	0	73	73		+ 1	—	—	—	69
	Dinajpur																							73
	Rangpur	000	0	8	13	02	96	03	0	076	82	7	0	9	2	0	75	68	+ 7	— 2	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Intl Ad.)	000	0	0	05	02	96	05	0	091	79	0	0	9	0	0	47	68	—	+ 4	0.0	— 0.4	2.0	19
	Sialkot																		0					32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	075	75	0	0	9	0	0	54	62	—	—	0.2	—	4.6	—
	Islamabad	000	0	0	00	00	97	00	0	///	73	0	0	9	0	0	49	64	—	—	—	—	—	—
	Rawalpindi	000	0	0	00	00	99	00	0	094	73	0	0	9	0	0	51	62	+ 3	— 7	0.2	— 1.2	8.8	56
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	///	65	0	0	9	0	0	51	64	+ 6	— 3	0.0	0.4	1.8	15
	Sargodha	000	0	1	13	08	97	02	0	182	75	1	0	9	0	1	54	62	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	00	00	96	00	0	095	73	0	0	9	0	0	58	63	+ 1	—	—	—	—	13
Multan	Sahiwal																							10
	Multan	005	0	0	00	00	96	05	0	093	81	0	0	9	0	0	54	64	+ 2	— 4	0.1	— 0.1	0.9	7
	Lalah																							8
Bahawalpur	Khanpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	— 3					6
	Bahawalpur	000	0	0	00	00	96	00	0	104	82	0	0	9	0	0	51	65	+ 6	— 2	—	—	—	6
	Fort Abbas	000	0	0	36	02	98	00	0	076	80	0	0	9	0	0	54	64	—	—	0.0	—	0.1	8
Malakand	Chakdara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						—
Peshawar	Peshawar	000	0	1	00	00	97	02	0	095	73	0	0	9	0	1	56	60	+ 2	— 1	—	—	—	11
	Haripur	000	0	0	36	03	98	00	0	095	73	0	0	9	0	0	54	59	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	3	31	02	99	02	1	093	75	0	0	9	0	4	51	62	—	0	0.2	—	1.7	11
	D. I. Khan	000	0	0	00	00	97	02	0	098	73	0	0	9	0	1	54	62	+ 2	— 4	0.1	— 0.5	3.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	107	78	0	0	9	0	0	56	76	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	05	05	96	03	0	///	80	0	0	9	0	0	57	73	—	—	0.0	—	0.5	2
Kalat	Turbat	000	0	0	27	02	98	00	0	107	79	0	0	9	0	0	57	75	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	00	00	96	02	0	081	77	0	0	9	0	0	73	72	—	—	0.0	—	0.3	9
	Pasni	000	0	0	29	04	97	02	0	063	72	0	0	0	0	0	77	69	+ 7	+ 1	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	1	00	00	94	03	3	///	//	1	6	6	0	0	77	//	—	—	0.0	— 0.6	2.9	6
	Lasbela	000	0	0	00	00	98	00	0	067	72	0	0	8	0	0	62	70	—	—	0.0	—	0.0	9
	Karachi (Manora)	000	0	4	00	00	96	03	0	084	80	6	4	4	0	0	77	78	—	0	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	6	00	00	95	41	4	091	75	6	6	5	0	0	73	72	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	120	80	0	0	0	0	0	//	90	—	—	—	—	—	—
	Chhor	000	0	0	00	00	96	02	0	079	82	0	0	9	0	0	47	69	—	—	0.0	—	1.1	7
	Hyderabad	000	0	0	00	00	95	05	0	086	82	0	0	9	0	0	61	75	+ 2	+ 2	0.2	+ 0.2	1.3	9
	Badin	000	0	0	23	02	97	02	0	077	75	0	0	9	0	0	67	72	+ 6	0	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	8	05	02	96	02	0	085	82	0	0	9	0	0	45	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	00	00	96	02	0	087	76	0	0	9	0	0	49	67	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	31	05	96	02	0	084	79	0	0	9	0	0	50	76	—	—	0.0	—	0.9	—
	Kashmore																							4
	Jacobabad	000	0	0	00	00	96	02	0	094	81	0	0	9	0	0	52	73	+ 4	+ 2	0.0	— 0.2	2.1	20
Limagadh	Varavai																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg *																							24
	Sonamarg *																							8
	Dras *																							6
	Leh *																							—
	Skardu *																							5
	Hunza *																							39
	Ahabad *																							—
	Gilgit *																							10
Rawalpindi	Murree *																							—
Malakand	Drosh *																							29
Peshawar	Cherat *	000	0	0	00	00	98	02	0	498	64	0	0	9	0	0	43	50	+ 6	+ 2	0.1	— 1.6	3.4	—
	Kakul *	000	0	0	31	02	99	02	6	500	64	0	0	9	0	0	42	56	—	—	0.7	—	15.9	—
	Landikotal *	000	0	0	36	02	98	02	0	457	62	0	0	9	0	0	49	51	—	—	—	—	—	19
	Prachinar *	000	0	0	00	00	98	00	0	463	68	0	0	9	0	0	54	51	—	+ 4	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	500	65	0	0	9	0	0	50	50	—	—	0.0	— 1.1	0.1	11
	Wana *	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						12
Quetta	Fort Sandeman *	000	0	0	23	03	98	02	0	497	64	0	0	9	0	0	34	50	+ 2	— 5	0.5	— 0.3	3.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	470	54	0	0	9	0	0	30	41	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	00	00	97	00	0	455	56	0	0	9	0	0	30	38	—	—	0.1	—	2.2	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	98	00	0	498	76	0	0	9	0	0	29	66	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta) *	000	0	5	00	00	96	03	0	499	62	0	0	9	0	4	50	48	—	—	0.1	— 0.7	3.0	9
	Chaman *	000	8	0	00	00	97	00	0	415	62	0	0	9	0	0	40	64	+ 9	+ 8	0.0	— 0.5	7.7	—
	Nushki *	000	0	0	07	05	97	02	0	539	80	0	0	9	0	0	37	//	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	0	00	00	97	03	0	471	71	7	5	6	0	0	37	63	+ 7	+ 5	0.0	— 0.2	3.3	7
Kalat	Kalat *	000	0	0	31	02	98	00	2	507	55	0	0	9	0	0	34	30	+ 2	— 15	0.0	— 0.4	3.0	—
	Khuzdar *	000	0	0	00	00	96	03	0	492	71	0	0	9	0	0	40	65	—	—	0.0	—	2.6	8
	Panjgur *	000	0	0	30	05	96	03	0	487	70	2	4	7	0	0	41	61	—	+ 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 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 over 999 is given RRR see the remarks above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th APRIL, 1970.

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 $t_R t_R t_R$	$8N_sCh_sh_s$	$OT_1T_1T_2T_2$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	d. $d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
City of Galasgow	99 1 47	10 6 02	19 0 63	00 0 00	98 0 10	10 7 82	00 0 00	41 2 19			05 2 74	18 5 68	30 0 00	
Lsomelia	99 2 17	10 4 18	19 1 23	12 3 12	99 0 20	07 2 82	00 8 01	33 7 18			00 0 25	12 8 00	30 4 02	
City of Glasga	99 1 62	10 4 12	19 1 23	02 7 02	98 0 20	07 9 83	00 9 00	41 6 15			05 2 74	30 1 01	—	
City of Glasgow	99 1 76	10 4 21	19 1 88	32 8 02	98 0 90	08 4 80	31 4 00	41 2 18			05 2 75	18 2 99	20 1 01	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoFo 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	004 260 09	...	550 160 00	095 064 57	574 705 57	746 240 40	...		...	...	...	...	...
Dacca	00 00	005 260 41	...	440 206 25	122 084 62	581 097 64	750 185 64	968 319 68	232 551 //	411 675 //	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	003 226 24	...	400 134 25	058 050 56	572 071 //	744 145 //	958 241 //	245 401 //	...	...	...	...	...
Multan	00 00	993 185 27	...	550 240 56	166 044 00	594 105 //	752 201 //	...	...	...	...	...	...	...
Peshawar	00 09	967 166 57	...	400 188 59	107 100 60	582 067 59	752 273 //	959 347 //	232 511 //	...	...	...	...	...
Quetta	00 00	819 180 63	...	...	115 090 //	582 075 //	752 185 //	...	...	...	...	...	...	...
Sargodha	00 00	993 230 30	...	550 154 57	148 030 59	580 111 //	749 201 //	957 285 //	245 341 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_s DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{tt}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	980 224 63	888 186 63	600 011 62	...	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 188 //	600 036 //	...	...	...	...	...	...	...	...	...
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	170 15	185 15	185 17	205 10	270 09	265 12	270 29	245 12	230 47	225 07	230 17	235 19	235 12	240 06	...	180 10	180 13	190 13	240 15	265 15	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	135 11	...	...	...	...	...	130 13	190 08	230 11	220 15	...	...	...	...	...	...	...
Chaklala	...	310 04	260 02	255 06	045 07	035 11	010 56	005 18	010 18	...	075 10	010 66	335 07	320 12	350 11	...	180 02	235 01	005 07	310 05	290 04	300 05	...	270 09	...	...
Chhor	325 19	350 14	330 10	325 14	225 16	305 17	325 12	320 23	320 15	045 07	030 04	295 05	340 17	290 17	280 20	115 03	175 03	275 03	305 04	325 11	235 09	305 15	315 19	310 16	...	...
Chittagong	200 16	190 17	170 17	120 13	130 06	270 11	275 22	270 25	240 22	215 12	215 08	225 08	...	...	...	175 07	145 57	145 08	190 07	240 14	255 19	245 17	280 19	290 18	220 23	...
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	235 13	231 14	225 12	215 09	195 08	175 07	175 09	115 11	123 06	125 06	140 04	180 04	210 06	...	...	240 05	180 04	160 04	165 08	155 12	230 11	270 03	290 08	250 19	250 08	180 39
Dacca	175 17	180 20	185 21	195 10	205 02	...	...	...	...	135 15	265 15	240 17	...	...	...	150 12	150 19	150 12	190 10	250 19	...	...	...	...	...	...
Dalbandin	...	...	335 04	300 06	240 14	295 11	315 20	325 27	320 25	...	...	095 01	205 08	225 12	245 01	...	...	140 04	210 06	225 12	215 07	190 07	...	...	...	...
D. I. Khan	035 02	030 03	020 04	060 04	095 03	010 06	315 15	340 15	345 15	075 06	090 07	095 01	160 04	235 06	255 15	150 06	155 08	160 08	175 06	165 08	200 07	190 13	290 15	275 19	285 16	320 17
Drosh	...	...	...	235 04	175 08	220 13	325 09	295 10	...	...	...	...	040 02	040 05	010 05	...	...	...	055 07	025 07	010 09	255 04	310 11	295 16	310 33	300 59
Fort Sandeman	...	...	...	050 05	015 06	155 05	320 21	340 27	335 34	...	...	...	215 04	210 05	300 20	...	...	...	220 07	225 03	265 0	285 15	305 21	305 24	305 24	235 36
Gilgit	...	...	...	310 04	105 04	290 03	345 07	310 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	130 19	135 25	175 12	295 21	280 19	285 27	285 26	...	...	215 06	350 19	270 01	250 88	255 08	...	200 08	025 11	225 14	250 18	...	...	...	...	...	...	...
Jacobabad	260 06	200 01	200 00	335 06	360 10	040 01	330 19	335 30	340 14	095 23	120 18	140 09	225 06	265 06	300 11	095 06	055 10	055 13	210 11	230 08	275 10	295 08	345 13	010 11	...	...
Jessore	040 19	180 13	185 21	195 19	205 19	...	...	...	...	220 23	230 20	245 18	245 17	235 21	220 15	200 11	200 12	195 13	...	...	...	...	...	...	...	...
Jhelum	225 04	235 04	240 05	260 04	315 04	033 08	015 03	330 12	350 30	345 06	315 08	315 06	305 02	360 02	280 89	...	...	...	...	...	...	...	...	...	...	...
Jiwani	245 10	240 09	285 08	260 08	250 10	250 06	360 02	290 12	...	250 18	255 17	250 18	255 15	275 10	180 11	255 13	255 14	275 16	310 17	305 14	295 15	200 08	305 12	315 12	...	...
Karachi	255 15	225 10	250 12	230 07	345 15	325 20	305 15	325 23	230 21	...	...	...	...	...	...	245 04	295 08	295 12	295 21	305 14	295 08	020 10	295 12	020 10	305 14	...
Khanpur	043 11	040 11	040 13	035 02	023 19	...	...	...	...	045 08	050 08	045 09	005 10	335 14	300 17	135 05	145 08	179 10	155 10	155 08	040 02	205 03	055 04	285 07	310 19	325 20
Khuzdar	...	...	...	320 19	320 11	315 10	330 19	330 16	330 26	—	...	...	330 14	330 11	315 36	...	...	...	130 08	230 06	265 11	345 07	270 05	260 14	...	...
Lahore	315 05	320 03	335 03	355 20	350 03	355 05	315 07	340 08	345 09	...	...	...	...	...	...	105 02	300 05	295 05	350 05	005 05	025 03	265 03	055 04	205 14	360 16	345 23
Multan	080 05	055 01	030 07	805 09	010 09	325 18	320 49	335 26	340 36	025 08	030 09	015 07	335 06	325 07	315 13	110 04	190 04	190 05	260 07	270 06	295 09	340 12	335 17	330 20	350 26	345 27
Nawab Shah	340 11	345 11	340 10	005 09	345 16	335 09	330 20	315 10	330 31	120 09	130 07	175 07	340 16	270 16	340 07	145 13	190 09	215 10	255 08	340 15	345 04	005 15	345 12	330 25	...	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pangu	...	...	...	335 04	005 03	045 01	005 10	325 12	320 15	...	...	...	335 05	320 08	320 09	...	...	...	270 11	265 14	270 16	225 14	225 23	225 23	...	...
Peshawar	...	035 04	020 06	360 07	340 07	320 13	340 19	340 23	330 22	...	335 05	005 04	025 04	330 04	285 14	...	...	...	...	...	...	...	...	...	...	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	135 07	120 03	300 09	285 11	260 17	305 21	305 19
Quetta	...	...	...	...	305 10	275 10	310 13	305 31	315 51	...	...	...	...	...	...	...	...	...	...	200 13	160 12	245 27	220 25	250 42	260 42	...
Sargodha	035 06	020 08	015 07	335 08	335 10	330 18	340 19	340 37	345 28	050 01	010 07	060 07	010 08	030 19	330 23	260 01	135 03	145 03	130 01	050 03	350 12	340 19	352 23	320 24	015 25	350 66
Skardu	...	...	...	...	...	290 04	215 05	255 04	260 05	...	...	...	...	...	...	...	...	...	...	...	295 01	060 03	080 03	005 06	305 01	305 21
Sylhet	045 03	050 02	260 08	...	...	...	...	...	...	240 07	240 05	235 04	240 21	240 21	240 17	150 05	150 06	135 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	265 14	260 12	255 11	225 14	280 19	295 14	360 13	335 15	335 19	350 22	345 35	...	...	...	...	...	...	...
Multan																		
Pashawar																		
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 synch value in (O °C) even values indicate positive and odd values indicate negative temperatures

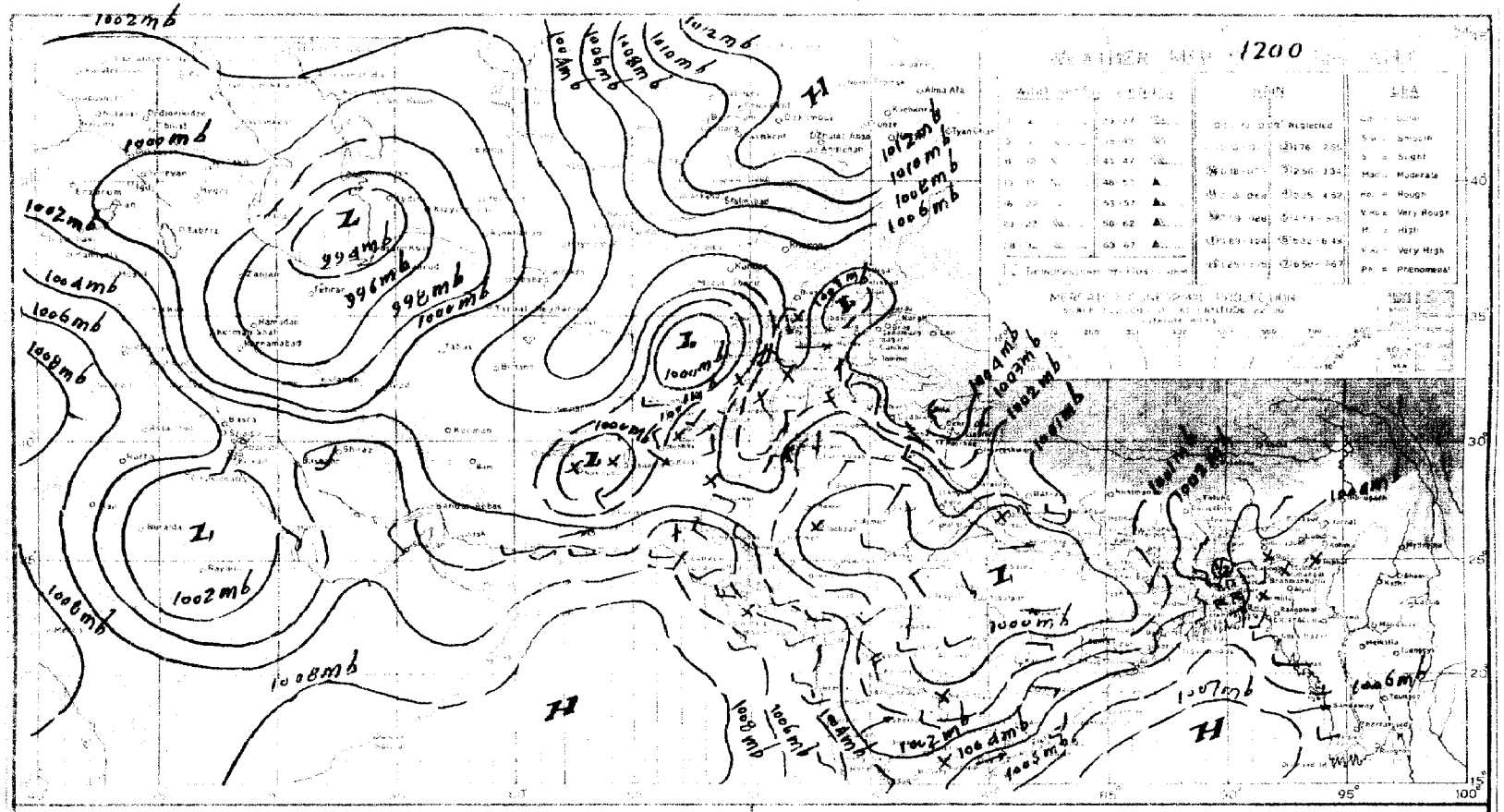
† The actual time of observations may vary within half an hour of the specified time.

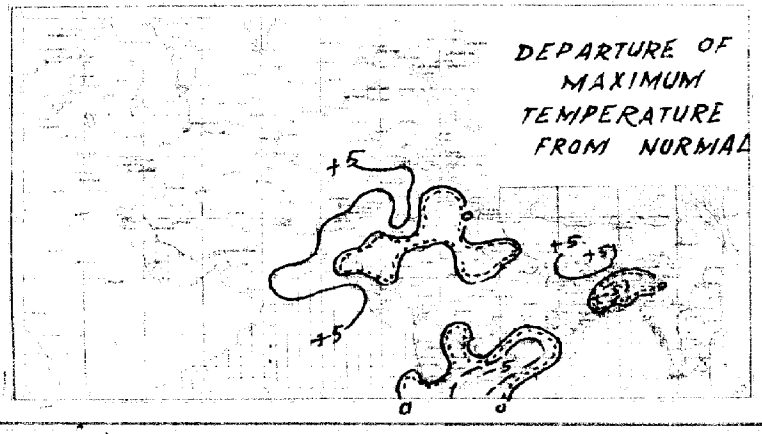
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

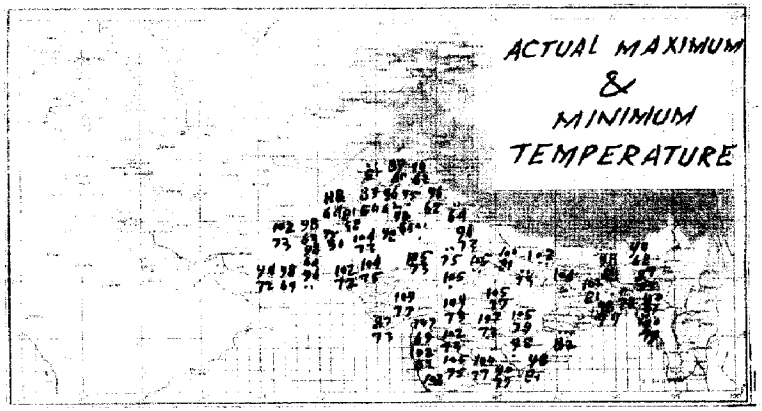
The accuracy of individual entries in this report is not can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre / Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 19th APRIL, 1970

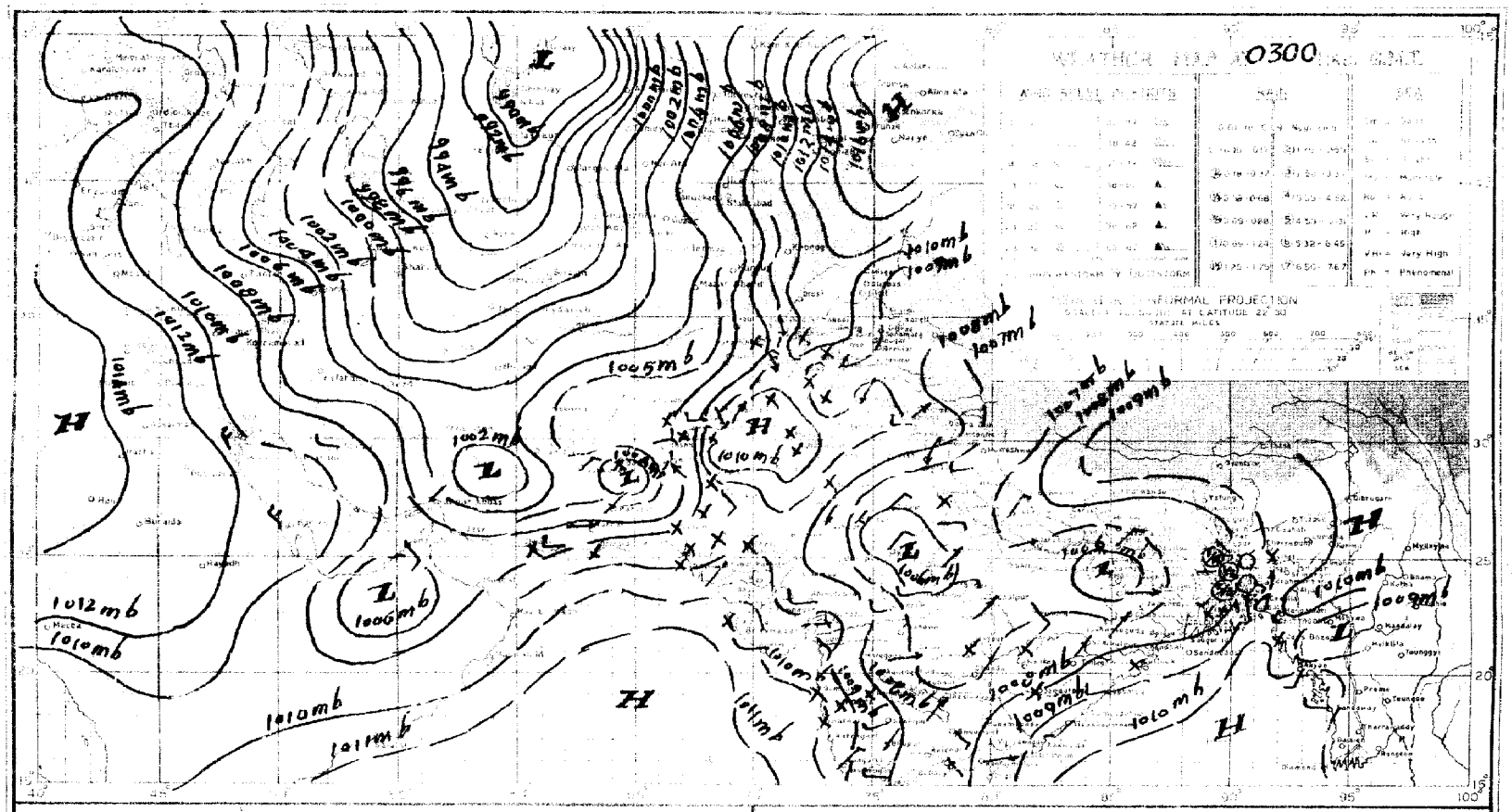


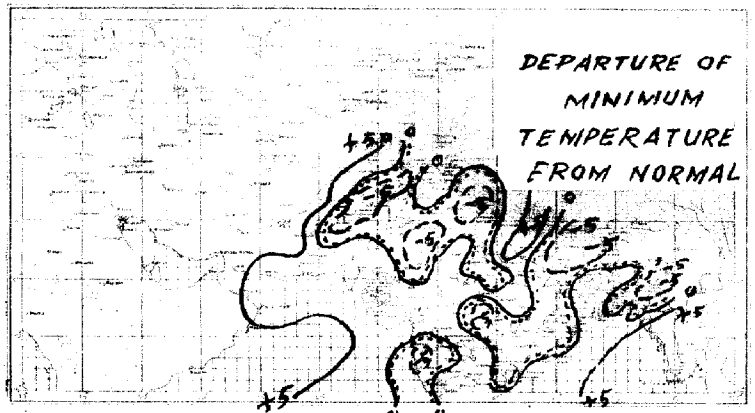


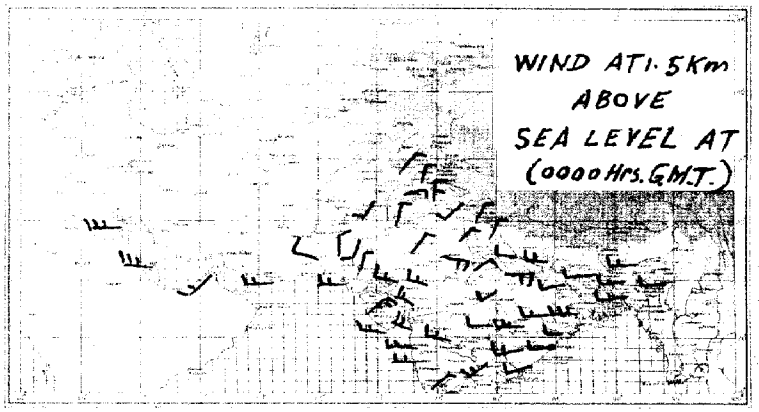


PAKISTAN DAILY WEATHER MAP

MONDAY 20th APRIL, 1970.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 21st APRIL, 1970.

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

Yesterday's western disturbance over Russian Turkistan moved away. Its secondary lies over Kalat and Quetta divisions and adjoining areas. Another western disturbance lies over central Russian Turkistan. Its secondary lies over central Iran. Weather remained dry in West Pakistan.

The trough of low pressure over Bihar and adjoining west Bengal persists. Scattered rain/thundershowers have occurred in Chittagong division. Sylhet has recorded 1½" of rainfall.

Day temperatures were 3—8 °F (2—4 °C) below normal in Dacca and Rajshahi divisions and 9—13 °F (5—7 °C) above normal in Malakand, Peshawar, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in Rawalpindi, Sargodha, Multan, Bahawalpur D. I. Khan, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 22nd April, 1970 :— Local rain/thundershowers with squally winds are likely to occur in Dacca, Khulna and Rajshahi divisions, scattered in Chittagong, Kalat, Quetta, D. I. Khan and Peshawar divisions and in Kashmir. A few dust/thunderstorms are also likely elsewhere in West Pakistan outside Karachi division.

Karachi-11
The 21st April, 1970.

OBSERVATIONS

NASIM-UD-DIN QURESHI
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)	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 † (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 (TaTa)	Rainfall: Since 1st April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	5	23	05	95	04	0	864	90	4	3	6	7	/	72	//	000	0	5	18	05	98	03	1	109	95	4	3	6	3	0	80	80	—	—	—	—	—	—
	Cox's Bazar	—	000	0	2	25	06	95	01	1	062	86	2	1	5	1	2	//	90	000	0	5	18	06	96	03	0	102	87	5	3	4	2	0	75	//	+ 1	—	—	—	—	140
	Chittagong	—	000	0	6	23	04	96	03	2	064	86	6	0	9	3	0	78	91	000	0	6	13	04	96	03	1	104	67	6	8	4	0	0	81	81	+ 2	+ 8	5.4	+ 2.5	5.9	109
	Maidee Court	—	000	3	6	18	02	96	03	2	078	87	3	2	5	2	0	77	—	000	0	5	18	01	96	03	2	088	96	5	2	5	2	1	80	80	/	+ 4	—	—	—	115
	Comilla	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	000	0	4	18	03	96	02	1	105	84	4	4	7	0	0	80	77		+ 4	6.8	—	6.8	94
	Brahmanbaria	—	000	0	5	18	03	96	03	1	064	86	7	5	5	4	0	81	90	000	0	6	13	03	97	03	1	107	80	6	5	5	0	0	73	71	—	—	3.9	— 0.5	47.8	78
	Sylhet	—	000	0	7	00	00	96	03	0	054	85	4	4	3	0	0	77	90	163	4	5	09	09	96	17	9	097	76	4	4	5	3	0	//	63	—	—	1.34	—	20.8	—
	Srimangal	—	000	0	5	00	00	96	02	0	060	86	3	8	5	7	2	79	—	012	0	4	09	09	96	02	6	102	79	2	8	4	7	0	68	69		0	—	—	—	98
Dacca	Mymensingh	—	000	0	4	00	00	97	02	2	058	86	4	5	4	0	0	85	87	000	0	0	00	00	97	02	2	117	80	6	5	4	0	0	69	73	— 3	+ 1	—	—	—	91
	Narayanganj	—	000	0	5	13	02	95	02	2	052	86	3	6	6	3	1	77	86	000	0	7	13	03	97	02	2	054	84	5	6	3	3	1	79	73	— 6	— 1	8.0	+ 4.9	9.9	74
	Dacca (Tejgaon)	—	000	0	7	18	05	97	02	0	050	87	7	0	9	7	0	78	90	000	0	6	18	05	96	05	2	055	81	3	8	4	4	0	75	79	— —	—	1.9	—	4.3	—
	Faridpur	—	000	0	3	20	02	97	02	2	034	87	3	5	6	0	0	76	91	..	..	..	..	..	..	..	..	..	..			..		..	..	..	— 2					71
Khulna	Barisal	—	000	0	6	18	03	97	02	2	054	84	1	4	5	2	0	79	98	000	0	5	18	03	96	12	0	090	84	2	4	4	2	0	80	73	— 2	— 2	3.6	— 0.1	3.9	81
	Khulna	—	000	0	0	00	00	97	00	0	048	85	0	0	9	0	0	80	91	000	0	0	00	00	97	00	0	089	84	0	0	9	0	0	80	78	— 2	+ 3	4.0	+ 2.3	7.5	68
	Satkhira	—	000	0	5	18	02	96	03	2	049	90	3	4	6	2	0	//	93	000	0	4	27	03	97	00	0	131	86	2	0	1	0	0	79	35	— 2	+ 10	1.4	— 0.3	2.1	68
	Jessore	—	000	0	6	16	07	96	02	2	055	91	6	0	9	4	0	72	93	000	0	7	23	07	97	02	2	089	84	2	5	4	7	0	79	77	— —	—	3.9	+ 2.1	7.7	65
Rajshahi	Pabna	—																																								59
	Sirajganj	—	000	0	6	00	00	96	02	1	039	86	6	0	8	3	0	77	97	000	0	8	13	03	97	02	2	093	88	8	0	7	1	0	75	78	— 8	+ 5	4.3	+ 2.9	6.3	64
	Rajshahi	—	000	0	6	09	03	96	03	2	037	91	2	3	6	2	1	78	95	000	0	5	09	02	96	02	2	081	84	0	0	9	1	1	72	78	— 2	+ 4	—	—	—	—
	Bogra	—	000	0	6	00	00	96	02	2	042	85	7	5	5	3	1	79	88	000	0	6	09	05	96	02	2	091	79	3	5	4	3	0	69	78	— 7	+ 6	—	—	—	69
	Dinajpur	—	000	0	0	00	00	96	00	0	033	87	0	0	9	0	0	75	91	000	0	6	38	05	98	01	2	086	84	6	5	7	0	0	77	78	— 3	+ 7	—	—	—	73
	Rangpur	—	000	0	3	23	02	96	03	0	036	82	3	0	9	1	0	73	98	000	0	0	23	05	96	01	0	075	82	0	0	9	0	0	75	68	+ 7	— 3	—	—	—	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd.)	—	000	0	2	31	02	97	03	0	062	95	2	0	9	0	2	45	96	000	0	2	27	02	97	01	1	078	82	0	0	9	0	2	50	69	0	+ 4	0.0	— 0.4	2.0	19
	Sialkot	—	080	0	0	00	00	97	00	0	045	95	0	0	9	0	0	58	//	...	—	..	.	...	..	..	..	.	..	..	...	..	..	..	...	...	/					32
Rawalpindi	Jhelum	—	000	0	2	00	00	97	02	0	055	96	0	0	9	8	1	50	98	000	6	1	23	02	97	02	1	074	73	0	0	9	0	0	69	64	—	—	0.2	—	4.6	—
	Islamabad	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	000	0	0	00	00	97	01	0	///	75	1	2	8	0	0	50	68		—	—	—	—	—
	Rawalpindi	—	000	0	5	27	02	99	02	2	060	53	0	0	9	0	4	54	93	000	0	1	00	00	98	00	0	075	77	0	0	9	0	4	51	62	+ 6	+ 1	0.2	— 1.3	8.8	36
	Campbellpur	—																																								—
Sargodha	Khushab	—	000	0	0	00	//	98	00	0	074	98	0	8	9	0	0	68	98	000	0	0	00	//	98	00	0	081	79	0	0	9	0	0	62	64	+ 4	— 5	0.0	— 0.7	1.8	15
	Sargodha	—	000	0	3	10	03	97	02	0	062	96	0	0	9	0	0	51	98	000	0	1	17	01	96	04	0	079	69	0	0	9	0	0	54	//	— —	—	0.0	—	1.7	—
	Lyallpur	—	000	0	0	07	02	97	00	0	063	91	0	0	9	0	0	59	96	000	0	0	00	00	96	00	0	074	75	0	0	9	0	0	64	68	+ 2	+ 2	—	—	—	13
Multan	Sahiwal	—																																								18
	Multan	—	000	0	3	23	02	97	03	0	092	00	0	0	9	0	1	36	02	000	0	2	13	09	97	02	2	078	81	2	0	9	3	0	47	75	+ 6	+ 5	0.1	— 0.2	0.9	7
	Leiah	—	000	0	8	36	02	95	00	0	047	07	0	0	9	0	0	63	07	..	.	..	..	..	..	..	..	..	..			..			...	...	—						8
Bahawalpur	Khanpur	—	000	0	0	23	03	97	02	0	055	00	0	0	9	0	0	39	04	000	0	2	00	00	96	03	0	080	82	0	0	9	0	1	45	62	+ 3	— 7	—	—	—	6
	Bahawalpur	—	000	0	0	00	00	96	00	0	074	02	0	0	9	0	0	58	05	000	0	0	00	00	96	00	0	094	87	0	0	9	0	0	49	//	+ 7	/	—	—	—	6
	Fort Abbas	—	000	0	0	00	00	98	00	0	038	98	0	0	9	0	0	63	00	000	0	0	27	02	98	00	0	084	//	0	0	9	0	0	60	66	— —	—	—	—	—	8
Malakand	Chakdra	—	000	0	8	25	03	98	03	0	043	90	0	0	9	0	8	57	90	000	0	0	00	00	98	02	0	091	64	0	0	9	0	0	58	58	—	—	—	—	—	—
Peshawar	Peshawar	—	000	0	6	05	05	97	02	1	065	90	0	0	9	0	1	50	94	000	0	1	00	00	96	02	0	064	82	0	0	9	0	1	58	66	+ 6	—	—	—	—	11
	Haripur	—	000	0	0	13	02	97	00	0	080	88	0	0	9	0	0	43	90	000	0	0	05	03	98	00	0	097	73	0	0	9	0	0	51	//	— —	—	—	—	—	—
D. I. Khan	Bannu	—	000	0	5	03	02	99	21	0	045	93	0	0	9	4	8	43	95	000	0	5	27	02	99	02	1	092	79	0	0	9	0	0	51	69	— —	—	0.2	—	1.7	11
	D. I. Khan	—	000	0	3	00	00	97	02	0	055	08	0	0	9	0	0	//	00	000	0	1	00	00	97	02	0	085	79	0	0	9	0	1	56	69	+ 6	+ 1	0.1	— 0.6	3.0	9
Quetta	Sibi	—	000	0	6	19	00	97	03	1	061	02	2	2	9	4	2	68	03	000	0	0	00	00	97	02	0	087	78	0	0	9	0	0	38	74	— —	—	0.0	—	0.9	5
	Nokkundi	—	000	0	5	13	03	96	03	0	085	04	5	5	6	0	0	62	05	000	0	0	31	03	96	03	0	059	83	0	0	9	0	0	40	73	— —	—	0.0	—	0.5	2
Kalat	Turbat	—	000	0	0	23	02	98	00	0	078	08	0	0	9	0	0	62	08	000	0	0	23	02	98	00	0	122	77	0	0	9	0	0	55	73	— —	—	0.0	—	0.7	—
	Jiwani	—	000	0	0	20	09	96	03	0	071	86	0	0	9	0	0	76	94	000	0	0	13	02	96	01	1	098	75	0	0	9	0	0	73	61	— —	—	0.0	—	0.3	5
	Pasni	—	000	0	0	25	06	97	02	0	086	88	0	0	9	0	1	73	93	000	0	0	29	02	95	04	3	093	73	0	0	9	0	0	73	69	+ 2	— 4	0.0	— 0.4	2.5	6
Karachi division	Ormara	—	000	0	1	27	10	96	02	2	077	89	1	0	9	0	0	73	95	000	0	0	00	00	94	10	1	096	75	0	0	9	0	0	75	//	— —	—	0.0	— 0.6	2.9	6
	Lasbela	—	000	0	2	32	03	98	00	0	062	05	0	0	8	0	0	64	08	000	0	0	00	00	98	00	0	092	74	0	0	8	0	0	68	81	— —	—	0.0	—	0.0	8
	Karachi (Manora)	—	000	0	0	27	05	97	02	0	073	93	0	0	9	0	0	77	86	000	0	0	00	00	96	02	0	093	79	0	0	9	0	0	71	76	0 + 1	0.0	— 0.2	1.1	8
	Karachi (Airport)	—	000	0	0	23	05	96	02	4	072	91	0	0	9	0	0	61	93	000	0	0	00	00	94	01	0	092	78	0	0	9	0	0	75	63	— —	—	0.0	—	3.0	—
Hyderabad	Nagarparker	—	000	0	0	05	02	97	02	0	068	04	0	0	9	0	0	04	//	000	0	0	05	02	97	02	0	120	90	0	0	9	0	0	90	90	— —	—	0.0	—	0.0	—
	Chhor	—	000	0	2	00	00	96	01	0	051	05	0	0	9	0	1	44	07	..	..	..	..	..	..	..	..	..	..			..			...	...	—						7
	Hyderabad	—	000	0	0	23	03	97	02	0	057	05	0	0	9	0	0	52	08	000	0	0	00	00	97	02	0	083	79	0	0	9	0	0	63	74	+ 6	0	0.2	+ 0.2	1.3	9
	Badin	—	000	0	0	23	02	99	02	0	076	06	0	0	9	0	0	59	08	..	..	..	..	..	..	..	..	..	..			..			...	...	+ 6						—
Khairpur	Padidan	—	000	0	2	16	05	96	03	0	054	01	0	0	9	0	5	48	07	000	0	0	13	03	97	02	0	077	81	0	0	9	0	0	59	71	— —	—	0.0	—	0.9	—
	Nawabshah	—	000	0	2	18	02	96	03	0	061	05	0	0	9	0	1	47	08	000	0	0	18	01	96	02	0	083	81	0	0	9	0	0	58	69	— —	—	0.0	—	0.4	4
	Sukkur	—	000	0	0	13	03	96	02	0	045	05	0	0	9	0	0	57	07	000	0	0	13	03	95	05	4	076	86	0	0	9	0	0	61	77	— —	—	0.0	—	0.9	—
	Kashmore	—	000	0	0	23	01	98	02	0	029	08	0	0	9	0	0	28	00	..	..	..	..	..	..	..	..	..	..			..			...	...	—						4
	Jacobabad	—	000	0	6	18	03	96	02	1	064	01	0	0	9	0	4	62	02	000	0	0	00	09	96	02	1	078	86	0	0	9	0	0	57	75	+ 2	+ 2	0.0	— 0.2	2.4	10
Khairpur	Sanghar	—																																								26
	Veravai	—																																								—
Kashmir	HILL STATIONS																																									71
	Srinagar	● ...																																								18
	Gulmarg	●● ...																																								3
	Sonamarg	●● ...																																								4
	Dras	●● ...																																								—
	Leh	●● ...																																								—
	Skardu	● ...																																								8
	Misgar	●● ...																																								59
	Ahsabad	● ...																																								—
	Gilgit	● ...																																								18
Rawalpindi	Murree	● ...																																								39
Malakand	Drosh	● ...	000	0	5	23	03	98	02	1	487	82	4	3	9	3	2	41	82	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 12					
Peshawar	Cherat	● ...	000	0	0	00	00	98	02	0	498	78	0	0	9	7	7	41	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 13					
	Kohat	● ...	000	0	5	23	02	98	03	1	497	77	0	0	9	0	5	40	80	000	0	2	09	02	98	03	0	499	73	0	0	9	0	1	45	60	—	—	0.7	—	15.9	—
	Landikotal	● ...	000	0	0	16	02	98	02	0	462	82	0	0	9	9	0	47	85	000	0	0	36	02	98	02	0	481	69	0	0	9	0	0	51	//	—	—	—	—	—	19
	Peshawar	● ...	000	0	4	11	05	98	03	0	496	73	0	0	9	2	1	34	73	000	0	2	00	00	98	03	0	509	64	0	0	9	4	0	43	45	+ 4	— 4	—	—	—	18
D.I. Khan	Miranshah	● ...	000	0	0	05	05	99	00	0	500	72	0	0	9	0	0	59	92	000	0	0	05	05	99	00	0	493	73	0	0	9	0	0	58	//	—	—	0.0	— 1.2	0.1	11
	Wana	● ...	000	0	0	13	04	98	00	0	472	85	0	0	9	0	0	58	85	000	0	0	00	00	98	00	0	463	68	0	0	9	0	0	45	51	—	—	—	—	—	12
Quetta	Fort Sandeman	● ...	000	3	5	00	00	98	03	1	471	88	0	0	9	0	3	13	89	000	0	1	00	00	97	03	0	496	69	0	0	9	0	1	38	61	+ 8	+ 4	0.5	— 0.3	3.3	—
	Hindubagh	● ...	000	0	0	27	05	96	02	0	///	54	0	0	9	0	0	30	66	000	0	0	00	00	98	02	0	///	50	0	0	9	0	0	60	42	—	—	0.0	—	1.6	9
	Loralai	● ...	000	0	4	27	04	98	01	0	450	78	0	1	9	0	4	53	80	000	0	0	18	02	98	00	0	445	45	0	0	9	0	0	38	55	—	—	0.1	—	2.2	—
	Barkhan	● ...																																								14
	Harnai	● ...	000	0	9	31	02	96	03	0	479	18	0	0	7	0	9	31	92	000	0	0	31	03	96	02	0	477	76	0	0	9	0	0	36	68	—	—	0.0	— 0.6	3.8	9
	Samungli (Quetta)	● ...	000	0	8	00	00	97	03	1	472	86	0	0	9	3	1	61	89	000	0	1	00	00	96	01	1	514	65	0	0	9	0	1	43	51	—	—	0.1	— 0.8	3.0	9
	Chaman	● ...	000	0	0	27	03	96	00	0	500	91	0	0	9	0	0	68	92	000	8	0	18	03	97	00	0	470	71	0	0	9	0	0	60	66	+ 13	+ 7	0.0	— 0.5	7.7	—
	Nushki	● ...	000	0	0	23	03	97	02	0	515	98	0	0	9	0	0	53	94	000	0	0	00	00	97	02	0	552	84	0	0	9	0	0	39	75	—	—	0.0	—	3.5	4
	Dalbandin	● ...	000	0	5	23	02	97	03	1	485	00	5	0	9	3	0	30	02	000	0	4	00	00	97	03	0	495	73	0	0	9	3	0	40	67	+ 11	+ 6	0.0	— 0.2	3.3	7
Kalat	Kalat	● ...	000	0	0	23	02	98	00	2	474	81	0	0	9	0	0	30	84	000	0	0	13	02	98	00	2	521	57	0	0	9	0	0	29	32	+ 11	— 13	0.0	— 0.5	3.0	—
	Khuzdar	● ...	000	0	4	00	00	97	03	0	479	92	4	0	9	2	0	35	95	000	0	0	00	00	96	02	0	503	74	0	0	9	0	0	49	69	—	—	0.0	—	2.6	5
	Panjgur	● ...																																								—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR. at 1200 hrs. is rainfall since 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 APRIL, 1970.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
City of Glasgow	99 1 88	10 6 30	20 0 03	02 7 04	98 0 20	08 5 76	00 9 00	41 7 10			05 3 23	...	30 1 01	...
Makedamiaja	99 2 10	10 6 75	20 0 03	02 7 05	98 0 20	04 0 27	00 9 00	53 4 00			00 0 24	12 7 00	30 5 01	25 6 02
Makdonija	99 2 00	10 6 66	20 0 63	12 7 05	99 0 20	07 5 28	00 7 40	53 2 15			00 2 25	12 7 00	30 5 00	25 6 02
City of Chest	99 1 86	10 6 27	20 1 83	12 9 06	99 0 20	12 1 27	11 4 00	12 2 10			05 2 26	12 7 90	30 1 01	// 6 01

UPPER AIR DATA

At surface and Standard Isobaric Levels

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											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	006 272 20	...	/// /// //	074 052 65	572 137 58	739 215 36	945 361 50	214 555 //	391 711 //	...	...	...	...
Dacca	00 00	006 266 06	...	400 176 63	090 046 58	575 115 58	744 195 25	951 339 61	225 535 //	405 663 //	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	007 304 57	...	525 240 57	170 130 //	593 020 //	769 095 //	987 205 //	...	...		–	...	...
Multan	00 00	993 250 67	...	440 210 //	193 120 //	585 041 //	760 101 //	978 181 //	276 251 //	460 281 //	745 325 //	...	...	...
Peshawar	00 00	967 190 59	...	395 174 60	098 100 60	582 300 26	753 165 //	963 307 //	240 443 //	430 512 //	...	...	...	...
Quetta	00 00	821 162 63	...	/// /// //	130 062 //	579 137 //	744 227 //	952 317 //	...	...	...	...	...	–
Sargodha	00 00													

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	...	...	...	...	...	...	...	...	...	–	...	–
Dacca	00 00	980 284 58	858 154 69	627 000 58	560 033 58	350 261 10	124 735 //	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	–	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	800 154 //	639 000 //	600 047 //	350 265 //	258 375 //	...	...	...	...	...	...	...
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	180 13	190 14	200 08	115 04	260 10	250 14	250 16	...	–
Bogra	100 09	150 11	230 10	250 13	255 41	–	–	...	–
Chaklala	–	280 10	285 10	260 07	260 03	055 07	325 10	330 09	340 11
Chhor	235 11	220 10	250 07	310 03	080 03	310 03	050 12	020 12	350 16
Chittagong	205 11	165 12	163 08	205 01	280 05	130 10	–	...	–
Cherat	...	–	–	–	–	–	...	...	...
Cox's Bazar	235 12	225 10	225 09	225 07	200 03	340 05	270 04	210 09	250 11
Dacca	175 19	195 21	200 19	220 10	285 17	275 14	255 17		
Dalbandin	...		230 07	225 10	215 08	215 12	250 09	300 15	285 16
D. I. Khan	125 07	125 10	130 08	140 08	130 05	190 02	235 13	315 35	305 17
Drosh	...	...	...	240 08	240 08	220 15	280 08	310 07	320 07
Fort Sandeman	..	...	...	025 03	040 03	190 07	090 22	350 21	275 21
Gilgit	...					...	...	...	...
Ishurdi	165 12	175 15	220 11	275 11	290 14	280 12	260 16	...	...
Jacobabad	170 05	160 07	160 09	170 10	215 10	265 14	320 12	335 14	295 15
Jessore	180 15	175 12	180 10	240 04	265 07	295 11	275 17	...	...
Jhelum	095 02	015 02	/// //	310 08	315 10	320 11	300 25	300 16	320 19
Jiwani	220 14	240 12	250 13	280 15	290 14	260 01	290 13	005 15	355 06
Karachi	265 15	255 14	270 14	300 15	310 12	345 10	015 04	360 06	
Khanpur	150 06	160 06	/// //	115 06	145 03	285 06	325 07	355 07	390 03
Khuzdar	–	–	–	205 26	285 07	220 08	235 10	–	...
Lahore	345 09	310 08	315 10	325 14	320 14	330 12	340 08	325 05	010 07
Multan	...	...		–	...		...	...	
Nawab Shah	175 04	180 05	190 05	210 04	300 03	345 12	360 10	330 14	–
Nokkundi	...	...	...	–	...	...	...	...	...
Panjgur	...	...	...	...	...	...	–		...
Peshawar	...	015 05	130 03	145 06	215 07	290 13	290 30	305 24	305 30
Parachinar	...	...	...	340 02	130 04	320 09	285 22	320 29	320 25
Quetta	...	...	...	...	320 02	265 05	280 13	305 19	305 22
Sargodha	...	–	...	–	–	–	...	–	.
Skardu	...	...	...	..	–	...	...	–	–
Sylhet	360 04	350 02	225 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	220 12	230 17	250 12	240 12	/// //	335 15
Bogra	115 09					
Chaklala	...	355 06	320 08	315 15	295 17	225 13
Chhor	210 11	190 09	/// //	140 11	155 09	255 14
Chittagong	230 06	230 10	225 11	/// //	220 14	265 12
Cherat						
Cox's Bazar	155 08	160 06	165 07	180 07	190 07	220 07
Dacca	145 08	215 09	240 05	240 07	265 13	260 10
Dalbandin		...	230 09	245 17	250 14	260 10
D. I. Khan	055 50	045 05	070 04	155 02	220 03	240 07
Drosh				065 02	230 08	075 02
Fort Sandeman	...	.	..	210 02	065 16	285 31
Gilgit						
Ishurdi	235 05	235 12	260 13	285 12	285 11	..
Jacobabad	145 07	170 08	200 11	210 15	220 15	350 07
Jessore	250 13	260 14	265 14	270 13	295 07	275 12
Jhelum	325 15	330 10	240 13	325 17	310 14	270 14
Jiwani	205 12	265 11	295 10	290 14	265 13	
Karachi	310 14	125 17	295 19	300 15	/// //	280 08
Khanpur	205 03	195 44	200 05	220 08	260 06	295 17
Khuzdar				275 06	225 13	299 10
Lahore	310 18	315 12	325 13	325 15	320 12	330 10
Multan	155 15	185 13	230 11	240 16	280 12	289 19
Nawab Shah	225 04	255 08	250 09	255 06	270 06	360 06
Nokkundi	...	–	–	.		
Panjgur	...					
Peshawar	...	320 04	320 04	325 04	340 05	295 07
Parachinar	...	...	...	295 03	115 04	
Quetta	–					
Sargodha	295 01	295 04	295 07	320 08	310 13	308 23
Skardu						
Sylhet	050 09	160 08	275 11	255 15	...	...
Veraval	...		..	–	.	.

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	5	26	27
Barisal	215 11	215 08	240 17			...	...	.	...		...
Bogra	135 27	140 20	175 10	315 12	300 21						
Chaklala	...	295 12	320 11	315 17	305 08	300 17	300 15	/// //	290 19	265 30	290 43
Chhor	170 09	200 13	195 15	220 12	210 18	225 15	335 07	010 07	020 11		
Chittagong	195 07	185 06	195 06	210 09	240 09	250 09	240 21	250 25	270 24	..	...
Cherat											
Cox's Bazar	230 11	210 10	210 06	165 07	200 04	245 09	275 09	285 //	253 15	275 20	...
Dacca	130 05	170 08	290 08	305 02							
Dalbandin			240 06	255 14	235 12	250 11	230 22	240 20	255 35	255 49	.
D. I. Khan	195 06	195 05	185 09	175 03	175 04	305 11	300 22	350 39		..	...
Drosh											
Fort Sandeman	...	..	.	240 03	200 06	235 15	298 23	305 31	295 28	265 27	275 33
Gilgit											
Ishurdi	155 09	160 05	170 03	305 06	240 03	240 17				...	...
Jacobabad	115 04	115 02	170 06	235 09	295 10	245 02	150 05	...	...	...	..
Jessore	135 03	135 04	270 03	310 05	240 08	275 13	275 17	.		..	..
Jhelum	255 02	285 09	315 13	320 21	310 21	290 19	320 27	320 25	330 29	325 24	310 43
Jiwani	270 07	265 22	295 12	300 26	295 16	318 20	210 12	135 13	175 12	.	...
Karachi	305 10	295 12	295 13	290 11	275 08	260 10	200 04	190 01	360 04		
Khanpur	145 04	200 04	210 06	215 08	235 10	240 16	250 24	255 33	230 37	260 38	330 21
Khuzdar				290 07	305 11	265 15	200 12	205 14	220 12	255 17	285 27
Lahore	290 08	305 09	315 09	315 12	320 13	320 18	310 27	305 29	310 31	330 39	330 26
Multan	185 12	200 13	210 13	235 19	255 17	320 15	315 12	300 10	300 12	290 31	
Nawab Shah	215 03	210 05	255 06	265 08	350 04	110 05	180 02	300 09	330 14	310 21	300 35
Nokkundi	...	...	..	...	...	...	.		...	..	
Panjgur											
Peshawar	..	135 02	270 03	300 09	310 08	295 15	285 16	290 16	...	...	
Parachinar	...	..	.	...						...	
Quetta											
Sargodha	280 05	280 04	280 07	280 08	150 07	245 17	215 17	245 17	250 23	265 33	275 58
Skardu					300 11	310 16	300 15	300 19	305 20	305 26	305 11
Sylhet	105 08	115 11	315 09	205 11	245 19	035 03 295 29	135 03	355 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	175 04	235 04	235 05	250 08	250 12	255 18	300 29	320 21	310 19	340 35	335 57	315 44	325 61	–	...	...	...	.
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.

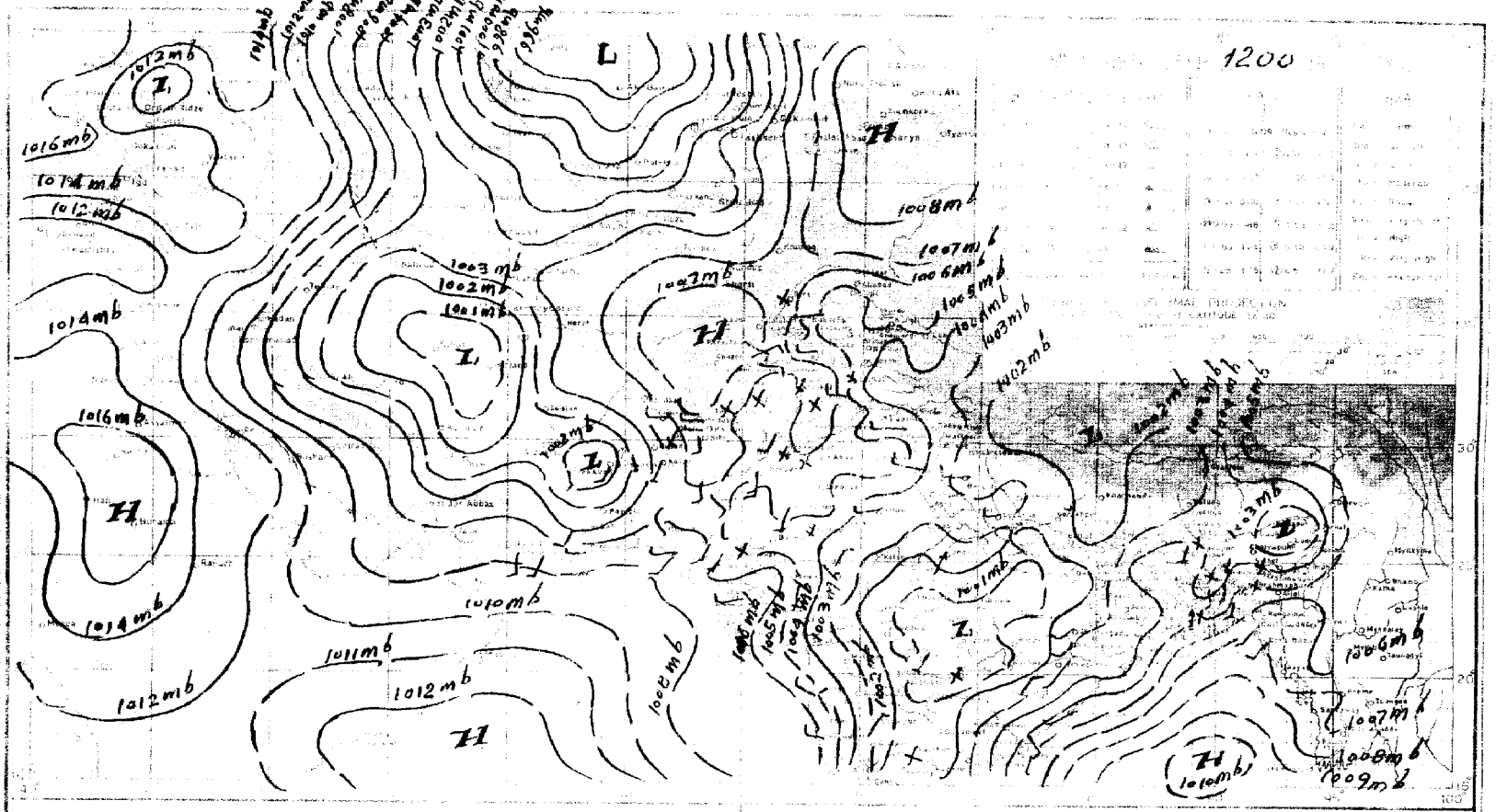
* The actual time of observations may vary within half an hour of the specified time.

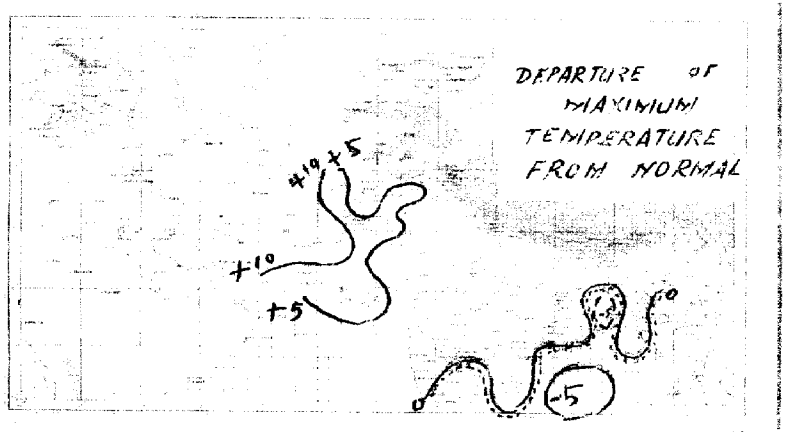
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted

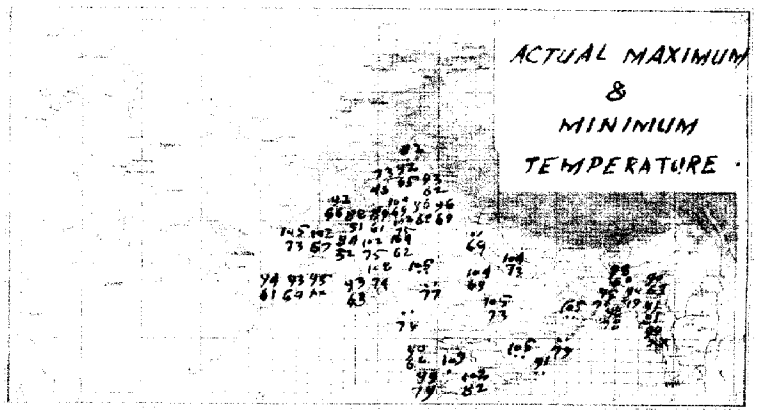
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre I Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 20th APRIL 1970







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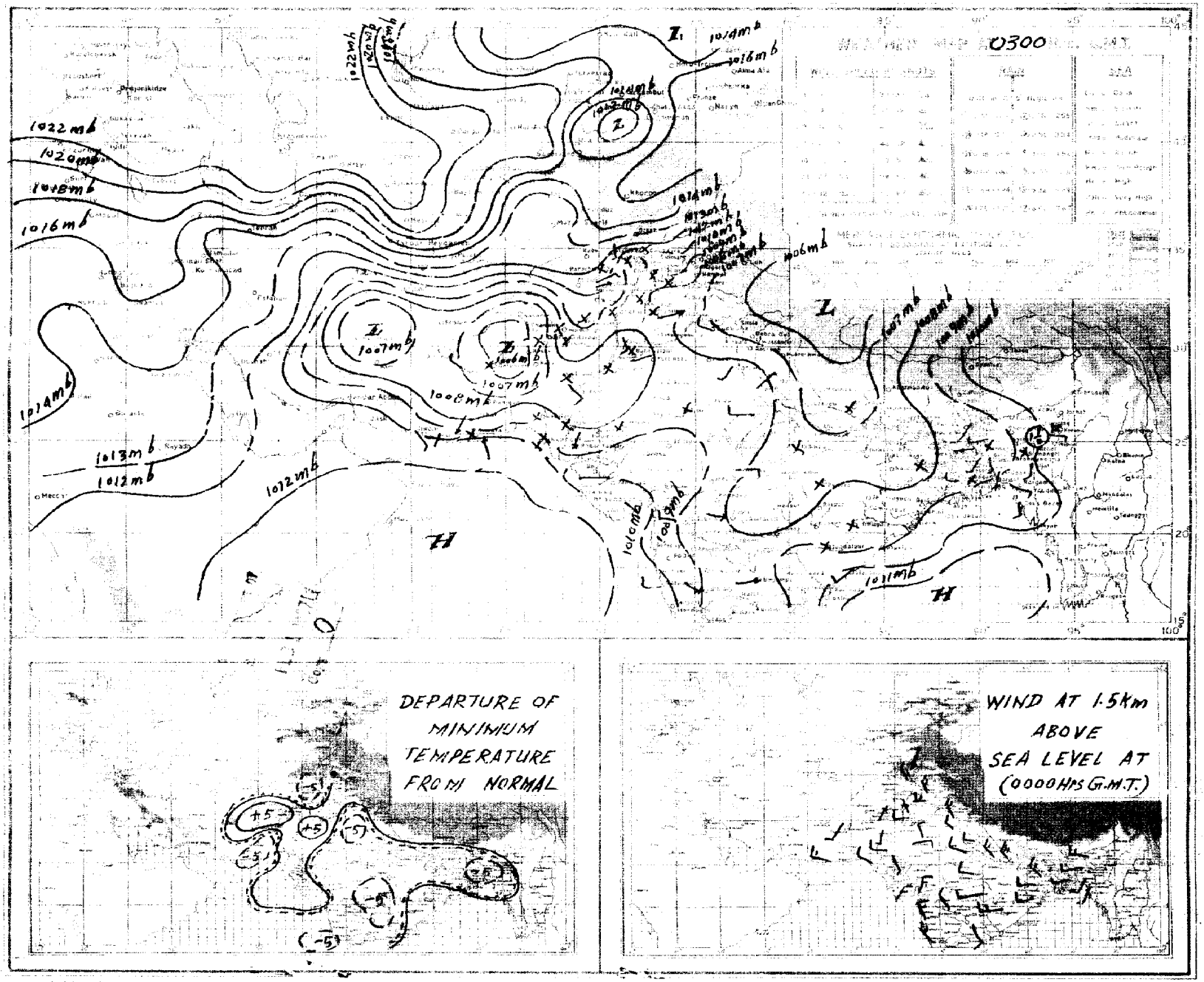
PAKISTAN DAILY WEATHER MAP

TUESDAY 21st APRIL 1970



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Reg. No. S-1467
Volume No. 24

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd APRIL, 1970.

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

Yesterday's secondary western disturbance over Kalat and Quetta divisions now lies over central divisions of West Pakistan. The western disturbance over central Russian Turkistan is moving accross East Russian Turkistan. Its secondary lies over Kalat and Quetta divisions. Weather remained dry over West Pakistan.

The trough of low pressure over Bihar and adjoining West Bengal has weakend. Scattered rain/thunderstorm have occured in Chittagong division. Sylhet has recorded ¾" of rainfall.

Day temperatures were 9—14 °F (4—8 °C) abovenormal in Peshawar, Malakand, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in Rajshahi, Sargodha, Multan, Bahawalpur, D. I. Khan, Hyderabad and Khairpur divisions and remained nearly normal elsewhere in the country.

Forecast valid until the evening of 23rd April, 1970 :—Scattered thunderstorm/showers are likely to occur in East Pakistan. Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi and Lahore divisions and in Kashmir. A few dust/thunderstorm are also likely in Multan and Khairpur divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 22nd April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	3	4	20	02	98	01	3	075	85	1	1	6	5	1	76	//
	Cox's Bazar	000	0	5	25	05	94	03	2	066	86	3	3	5	4	0	77	90
	Chittagong	000	0	6	23	09	96	00	2	064	87	2	1	5	3	0	80	91
	Maijdee Court	000	9	6	18	02	96	03	2	059	85	4	2	5	2	0	78	98
	Comilla	000	0	0	18	05	98	02	0	070	87	0	0	9	0	0	82	91
	Brahmanbaria	100	0	4	13	02	97	03	1	055	87	4	0	9	4	0	82	92
	Sylhet	000	9	6	00	00	96	03	9	063	82	3	5	5	3	0	73	90
	Srimangal	015	9	5	00	00	96	02	5	058	85	2	9	4	7	2	77	91
Dacca	Mymensingh	000	0	4	00	00	97	01	1	058	86	4	4	4	0	0	76	90
	Narayanganj	000	0	5	13	02	95	01	2	046	90	3	6	6	3	1	78	90
	Dacca (Tejgaon)	000	0	5	18	05	97	01	2	050	87	5	0	9	4	0	77	90
	Faridpur	000	0	2	16	02	97	01	1	039	90	2	5	6	8	0	76	91
Khulna	Barisal	000	0	7	00	00	97	02	2	053	87	4	3	4	2	0	78	91
	Khulna	000	0	0	00	00	97	00	0	037	91	0	0	9	0	0	76	93
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	4	15	09	97	02	1	040	91	1	5	4	3	0	72	95
Rajshahi	Pabna	000	0	0	13	05	98	02	0	033	90	0	0	9	0	0	77	93
	Sirajganj	000	0	0	00	00	96	00	0	045	87	0	0	9	0	0	76	87
	Rajshahi	000	0	0	13	02	96	02	0	030	95	0	0	9	0	0	72	98
	Bogra	000	0	2	13	03	96	02	0	038	80	0	0	9	0	8	73	91
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	0	23	15	96	01	0	037	82	0	0	9	0	0	73	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	27	03	97	02	2	036	98	2	0	9	2	4	45	100
	Sialkot	000	0	0	00	00	97	00	0	035	98	0	0	9	0	0	58	100
Rawalpindi	Jhelum	000	0	7	00	00	98	01	0	024	102	0	0	9	8	1	41	102
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	1	27	02	99	00	0	026	96	0	0	9	0	4	56	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	014	98	0	0	9	0	0	70	100
	Sargodha	000	0	6	23	05	97	02	2	035	98	2	0	9	2	2	45	102
	Lyallpur	000	0	4	00	00	96	02	3	044	96	0	0	9	0	2	58	100
Multan	Sahiwal																	
	Multan	000	0	3	18	05	97	02	1	023	105	0	0	9	0	1	47	105
	Leiah	000	0	0	31	08	95	08	0	072	100	0	0	9	0	0	68	103
Bahawalpur	Khanpur	000	0	0	23	02	97	02	0	027	107	0	0	9	0	0	47	109
	Bahawalpur	000	0	0	00	00	96	00	0	060	102	0	0	9	0	0	64	105
	Fort Abbas	000	0	0	00	00	98	00	0	036	105	0	0	9	0	0	68	107
Malakand	Chakdra	000	0	1	23	03	98	03	0	033	93	0	0	9	0	8	59	98
Peshawar	Peshawar	000	0	2	34	03	96	02	0	023	95	0	0	9	0	1	50	98
	Haripur	000	0	0	23	02	97	00	0	036	85	0	0	9	0	0	43	91
D. I. Khan	Bannu	000	0	5	07	02	99	02	1	024	96	0	0	9	4	0	49	98
	D. I. Khan	000	0	3	00	00	97	02	0	023	102	0	0	9	2	0	63	102
Quetta	Sibi	000	0	2	18	03	97	03	1	036	110	0	0	9	2	0	56	//
	Nokkundi	000	0	0	23	02	96	02	0	993	104	0	0	9	0	0	33	104
Kalat	Turbat																	
	Jiwani	000	0	0	20	10	96	02	0	076	88	0	0	9	0	0	72	94
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	000	0	2	13	03	98	00	0	059	107	0	0	9	0	1	65	110
	Karachi (Manora)	000	0	0	27	07	97	02	0	069	93	0	0	9	0	0	77	85
	Karachi (Airport)	000	0	0	23	07	96	02	0	071	91	0	0	9	0	0	75	94
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	048	104	0	0	9	0	0	//	//
	Chhor	000	0	0	00	00	96	02	0	039	109	0	0	9	0	0	52	109
	Hyderabad	000	0	0	28	05	97	02	0	039	109	0	0	9	0	0	52	112
	Badin	000	0	0	23	08	97	02	0	064	107	0	0	9	0	0	61	109
Khairpur	Padidan	000	0	0	27	05	97	02	0	035	109	0	0	9	0	0	41	112
	Nawabshah	000	0	0	18	02	96	02	0	039	111	0	0	9	0	0	56	112
	Sukkur	000	0	0	23	03	96	02	0	041	107	0	0	9	0	0	61	109
	Kashmore	000	0	0	23	02	98	02	0	041	107	0	0	9	0	0	30	109
	Jacobabad	000	0	3	00	00	97	03	0	030	109	0	0	9	0	1	63	109
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	0	4	00	00	98	02	1	464	91	2	2	7	3	1	43	93
Peshawar	Cherat *	000	0	0	16	09	98	02	0	484	85	0	0	9	0	0	47	97
	Kakul *	000	0	0	20	03	98	02	0	477	82	0	0	9	0	0	45	85
	Landikotal *	000	0	0	05	05	98	02	0	448	90	0	0	9	0	0	54	91
	Parachinar *	000	0	5	13	05	98	03	1	480	72	1	1	7	4	1	38	80
	Miranshah *	000	0	0	05	05	99	00	0	519	73	0	0	9	0	0	68	73
D.I. Khan	Wana *																	
Quetta	Fort Sandeman *	000	0	2	23	05	97	02	0	464	92	0	0	9	0	1	19	94
	Hindubagh *	000	0	0	23	19	97	02	0	///	69	0	0	9	0	0	//	70
	Loralai *	000	0	0	27	08	97	00	0	450	75	0	0	9	0	0	54	78
	Barkhan *																	
	Harnai *	000	0	6	23	02	96	03	0	472	97	0	0	9	0	6	75	96
	Samungli (Quetta) *	000	0	4	27	05	97	03	0	480	88	0	0	9	0	2	34	90
	Chaman *	000	0	0	27	09	97	00	0	486	92	0	0	9	0	0	28	95
	Nushki *	000	0	0	00	00	97	02	0	526	99	0	0	9	0	0	51	99
	Dalbandin *	000	0	1	23	01	97	02	1	489	100	0	0	9	3	0	25	102
Kalat	Kalat *	000	0	0	27	02	98	00	2	437	84	0	0	9	0	0	39	85
	Khuzdar *	000	0	1	00	00	97	03	0	408	93	0	0	9	0	1	34	96
	Panjgur *	000	0	0	23	05	96	02	0	494	97	0	0	9	0	0	45	98

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

Division (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total 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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	1	36	02	98	03	1	128	87	1	3	6	0	0	73	79	—	—	—	—	—	—
	Cox's Bazar	000	0	6	00	00	96	03	2	117	86	4	1	4	3	0	77	78	+ 1	+ 4	—	—	—	140
	Chittagong	000	0	6	13	02	96	03	2	117	86	5	8	5	3	0	7?	81	+ 2	+ 8	5.4	+ 2.2	5.9	108
	Maijdee Court	...	..	...	..	...	...	...	...	...	...	..	...	...	...	...	...	...	+ 1					15
	Comilla	000	0	0	18	01	96	02	8	109	87	0	0	9	0	0	84	79	0	+ 6	3.5	— 0.1	6.8	94
	Brahmanbaria	000	0	4	18	02	97	02	0	110	84	4	4	5	0	0	79	79	—	—	3.9	— 0.7	47.8	78
	Sylhet	019	1	7	00	00	96	17	9	123	77	5	4	4	2	0	75	75	—	—	1.36	—	21.0	—
	Srimangal	000	0	5	00	00	96	02	0	111	86	3	9	4	5	1	77	73	0	+ 4	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	114	84	0	0	9	0	0	79	75	+ 1	+ 3	—	—	—	91
	Narayanganj	000	0	7	13	02	97	02	0	109	86	6	6	4	3	0	66	79	—	+ 5	8.0	+ 4.7	9.9	74
	Dacca (Tejgaon)	000	0	5	16	05	97	02	2	107	84	5	8	4	0	0	79	79	—		1.9	—	4.3	—
	Faridpur	000	0	2	18	05	97	01	2	098	86	2	4	5	0	0	79	79	— 1	+ 6	—	—	—	71
Khulna	Barisal	000	0	3	13	03	87	02	0	110	87	3	4	5	0	0	79	79	0	+ 4	2.6	+ 0.2	3.9	81
	Khulna	000	0	0	00	00	97	00	0	068	87	0	0	9	0	0	79	81	0	+ 6	4.0	+ 2.0	7.9	68
	Satkhira	000	0	6	18	01	96	00	0	113	81	2	3	2	2	0	79	81		+ 6	1.4	— 0.4	5.1	68
	Jessore	000	0	0	15	07	97	01	0	093	87	0	0	9	0	0	79	79	—	—	3.9	+ 1.9	7.7	65
Rajshahi	Pabna	000	0	0	13	01	98	02	0	096	87	0	0	9	0	0	79	79	—	—	—	—	—	59
	Sirajganj	000	0	4	18	02	98	01	0	105	84	4	2	6	0	0	79	79	— 6	+ 6	4.3	+ 2.5	6.3	64
	Rajshahi	000	0	0	13	02	95	03	0	095	87	0	0	9	0	0	79	81	+ 2	+ 7	—	—	—	—
	Bogra	000	0	5	13	05	96	02	1	102	84	6	8	4	0	0	77	77	— 3	+ 7	—	—	—	68
	Dinajpur	000	3	5	09	02	96	01	1	103	82	5	0	9	2	1	73	77		+ 6	—	—	—	72
	Rangpur	000	0	7	05	05	96	03	0	116	82	7	0	9	2	0	73	68	+ 7	— 3	—	—	—	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	4	13	02	97	02	1	057	82	2	0	9	3	2	56	73	+ 3	+ 8	0.0	— 0.4	2.0	19
	Sialkot	...	..	..	—	...	..	...	..	—	..		..	..	..		..	..	+ 4					32
Rawalpindi	Jhelum	000	0	2	00	00	97	01	0	056	81	0	0	9	0	1	51	68	—	—	0.2	—	4.6	—
	Islamabad	000	0	2	00	00	96	01	0	///	82	2	3	7	2	0	58	73		—	—			—
	Rawalpindi	000	0	0	00	00	98	00	0	062	77	0	0	9	0	0	59	65	0	+ 4	0.2	— 1.4	8.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	6	00	00	96	03	0	051	81	0	0	9	6	0	64	65	+ 4	— 4	0.0	— 0.7	1.8	15
	Sargodha	000	0	6	09	03	96	04	2	053	81	1	0	9	3	2	54	68	—	—	0.0	—	1.7	—
	Lyallpur	000	9	4	07	02	96	02	3	053	82	5	3	8	0	0	64	73	+ 4	+ 7	—	—	—	13
Multan	Sahiwal																							10
	Multan	000	0	3	18	03	96	05	0	044	81	1	0	9	3	1	56	73	+ 7	+ 3	0.1	— 0.2	0.9	7
	Leiah	...	..	..	...	...	...	...	...	...	...	...	..	..	..	...	...	...	—					8
Bahawalpur	Khanpur	000	0	3	23	02	96	03	0	051	84	0	0	9	0	1	49	73	+ 6	+ 4	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	061	90	0	0	9	0	0	58	73	+ 5	+ 4	—	—	—	6
	Fort Abbas	..	..	..	—	...	...	...	..	...	..		...	..	..	..	...		—					8
Malakand	Chakdra	000	0	1	05	05	97	01	0	063	73	0	0	9	0	4	59	62	—	—	—	—	—	—
Peshawar	Peshawar	000	0	3	00	00	57	02	0	065	77	0	0	9	0	1	58	65	+ 10	—	—	—	—	11
	Haripur	000	0	5	23	03	98	00	0	070	77	0	0	9	0	0	51	62	—	—	—	—	—	—
D. I. Khan	Bannu	...	..		..	..	..	...	..				..	..		...		..	—					11
	D. I. Khan	000	0	4	00	00	97	03	0	055	81	0	0	9	0	4	56	68	+ 4	0	0.1	— 0.6	3.0	9
Quetta	Sibi	000	0	0	00	00	97	03	0	045	80	0	0	9	0	0	52	76	—	—	0.0	—	0.9	5
	Nokkundi	...		..	...	...	..	...	...	...	—	...	..	..		..	...	...	—					2
Kalat	Turbat																							—
	Jiwani	000	0	0	00	00	96	01	0	082	79	0	0	9	0	0	75	73	—	—	0.0	—	8.3	5
	Pasni	000	0	4	23	04	97	02	0	090	77	4	2	9	0	0	74	70		— 3	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	3	27	09	96	02	2	091	79	3	6	6	0	0	76	//		—	0.0	— 0.6	2.9	6
	Lasbela	...	..	..	..	...	...	..	...	...	...	...	..	...	...		..		—					8
	Karachi (Manora)	000	0	0	27	05	96	02	0	079	79	0	0	9	0	0	75	76	—	+ 1	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	2	27	02	94	01	1	078	78	2	5	4	0	0	74	69	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	..	..	.	..	..		...	...	..		..	..	..	..			...	—					—
	Chhor	000	0	0	23	05	96	02	0	067	80	0	0	9	0	0	64	67	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	18	03	97	02	0	069	80	0	0	9	0	0	49	75	+ 8	+ 1	0.2	— 0.2	1.3	9
	Badin	000	0	0	23	02	97	02	0	091	74	0	0	9	0	0	69	//	+ 6	—	0.0	—	0.1	—
Khairpur	Padidan	000	0	0	16	05	97	02	0	058	83	0	0	9	0	0	53	73	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	13	02	96	02	0	059	84	0	0	9	0	0	54	68	—	—	0.0	—	0.4	4
	Sukkur	000	2	3	20	35	96	01	1	047	85	0	0	9	0	3	54	80	—	—	0.0	—	0.9	—
	Kashmore			..				...	...	...		...	..	...				—	—					4
	Jacobabad	000	0	2	31	01	96	02	0	045	86	0	0	9	0	1	42	77	+ 6	+ 4	0.0	— 0.2	2.1	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *																							18
Malakand	Drosh *	000	0	1	00	00	99	01	1	515	73	1	1	7	0	0	45	//	+ 21	—	—	—	—	29
Peshawar	Cherat *	000	0	0	00	00	98	02	0	490	73	0	8	9	0	0	50	65	+ 13	+ 7	—	—	—	—
	Kakul *	000	0	0	31	02	99	02	0	487	73	0	0	9	0	0	54	64	—	—	0.7	—	1.6	—
	Landikotal *	000	0	4	36	02	98	01	0	487	73	4	3	9	0	0	49	59	—	—	—	—	—	29
	Parachinar *	000	0	4	00	00	98	03	0	498	65	3	0	9	4	1	40	//	+ 10	—	—	—	—	13
	Miranshah *	000	0	0	05	05	99	00	0	475	73	0	0	9	0	0	54	65	—	—	0.0	— 1.2	0.1	11
D.I. Khan	Wana *																							13
Quetta	Fort Sandeman *	000	0	2	00	00	97	02	0	488	72	0	0	9	0	2	44	64	+ 12	+ 7	0.5	— 0.3	3.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	///	54	0	0	9	0	0	30	42	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	18	02	97	00	0	445	56	0	0	9	0	0	35	55	—	—	0.1	—	2.2	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	466	82	0	0	9	0	0	23	73	—	—	0.0	— 0.7	3.8	9
	Samungli (Quetta) *	000	0	5	00	00	96	02	1	508	60	5	0	9	2	3	41	49	—	—	0.1	— 0.8	3.0	9
	Chaman *	000	0	0	00	00	96	00	0	465	74	0	0	9	0	0	36	65	+ 14	+ 8	—	— 0.6	2.7	—
	Nushki *	000	0	3	00	00	97	02	0	541	82	0	0	9	0	2	39	77	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	6	06	04	97	03	0	483	74	0	0	9	3	0	24	66	+ 9	+ 5	0.0	— 0.2	3.3	7
Kalat	Kalat *	000	0	0	13	02	98	00	2	495	65	0	0	9	0	0	32	//	+ 10	—	0.0	— 0.5	3.0	—
	Khuzdar *	000	0	0	00	00	96	02	0	487	75	0	0	9	0	0	43	68	—	—	0.0	—	2.6	5
	Panjgur *	000	0	0	05	03	96	02	0	491	72	0	0	9	0	0	47	64	—	—	0.0	—	0.0	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs G.M.T of the same day. When over 999 is given 999 see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd APRIL, 1970.

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	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	1. $d_wP_wH_wH$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
City of Chester/Mahn	99 1 86	10 6 27	20 1 83	12 9 06	99 0 20	12 1 27	11 4 00	12 2 10						
City of Chester/Mahn	99 1 12	10 6 64	21 0 63	12 6 10	98 0 20	12 8 27	11 4 00	13 8 11						
Dwarka	99 1 97	10 7 18	21 1 83	03 1 13	99 0 20	08 5 28	00 9 00	23 2 22						

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	006 266 08	...	450 106 6/	098 044 56	575 125 18	743 217 42	949 37/ //	220 573 //	415 585 //	645 689 //	...	...	...
Dacca ...	00 00	917 990 08	...	020 178 79	110 070 61	581 091 //	750 225 //	956 357 //	230 491 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 230 10	...	450 180 31	077 084 //	579 031 //	753 121 //	969 225 //	256 395 //	...	...	...	...	...
Multan ...	00 00	989 230 60	...	/// /// //	075 046 //	571 141 //	739 195 //	947 321 //	...	...	...	...	...	...
Peshawar ...	00 00	965 204 58	...	410 220 63	112 145 61	582 075 //	752 191 //	960 351 //	233 511 //	...	...	...	...	...
Quetta ...	00 00	822 172 69	...	..	155 146 72	588 057 //	759 182 //	979 279 //	...	...	...	...	...	...
Sargodha ...	00 00	992 244 25	...	528 150 56	150 040 58	580 131 //	747 221 //	955 315 //	216 401 //	...	...	...	...	...

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	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 202 73	600 026 64	350 233 //	...	...	...	...	...	...	...	...	...
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 ...	185 10	195 09	220 06	265 04	280 07	250 10	...	...	...
Bogra ...	135 14	175 15	145 13	265 07	265 04	265 23	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	195 01	265 09	225 10	265 07	260 07	295 07	...	...	...
Chittagong ...	175 05	175 09	180 09	265 06	265 10	265 14	245 10	245 13	265 19
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	250 14	265 10	265 10	245 14	250 07	265 10	175 14	...	...
Dacca ...	195 03	185 05	200 07	295 07	265 10	265 14	260 15	260 16	...
Dalbandin ...	...	...	260 07	265 10	265 07	195 07	265 10	265 17	...
D. I. Khan ...	145 06	155 07	130 05	175 08	265 10	260 08	260 15	265 23	...
Drosh ...	...	...	...	265 03	275 03	205 07	210 10	220 08	285 10
Fort Sandeman ...	...	...	...	200 04	230 10	235 12	255 20	265 28	270 31
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	130 16	150 16	195 13	220 21	250 11	...	...	...	...
Jacobabad ...	175 06	245 09	285 09	265 10	265 10	245 09	265 13	265 14	260 15
Jessore ...	195 07	195 08	200 05	265 14	295 06	285 10	265 10	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	265 15	250 17	260 14	265 15	225 13	300 14	265 16	265 10	260 10
Karachi ...	285 10	235 11	235 11	265 11	230 07	300 05	015 06	360 10	280 18
Khanpur ...	220 10	235 07	235 09	250 13	285 07	245 07	310 07	290 15	285 15
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	295 07	265 09	260 07	265 13	265 07	250 18	260 19	310 15	330 19
Multan ...	205 01	215 07	220 08	250 13	260 12	295 10	285 17	290 20	285 15
Nawab Shah ...	210 03	210 03	215 03	230 05	210 07	235 07	300 07	280 05	310 12
Nokkundi ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	095 07	165 09	170 10	265 10	265 09	260 29	265 28	265 28
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	260 10	245 10	265 28	250 20	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	060 05	195 02	195 07	180 15	265 09	295 27	...	...	...
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 ...	205 12	205 12	175 09	110 03	015 04	355 07
Chaklala ...	190 15	200 14	205 13	230 09	...	...
Chhor ...	...	060 10	020 03	355 01	345 01	010 03
Chittagong ...	265 28	265 30	235 18	195 10	175 12	210 03
Cherat ...	015 14	025 03	360 06	360 06	350 03	315 10
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...
Dalbandin ...	165 07	160 08	180 10	185 09	200 08	305 13
D. I. Khan ...	...	...	090 02	009 08	070 03	205 10
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...
Gilgit ...	...	...	...	260 07	220 11	310 12
Ishurdi ...	...	...	...	180 04	115 10	195 12
Jacobabad ...	...	...	...	...	...	...
Jessore ...	215 17	220 17	235 16	265 13	275 13	290 15
Jhelum ...	...	...	...	...	...	...
Jiwani ...	360 06	320 08	310 04	290 08	275 12	200 15
Karachi ...	260 19	285 25	300 23	295 22	300 21	...
Khanpur ...	280 15	275 20	280 21	270 21	260 17	250 04
Khuzdar ...	235 16	265 15	265 10	250 13	245 15	250 17
Lahore ...	...	...	...	265 06	275 12	290 12
Multan ...	030 06	335 06	345 06	330 04	350 02	285 13
Nawab Shah ...	225 07	255 10	220 17	244 07	220 12	295 06
Nokkundi ...	265 12	250 17	220 15	190 10	180 03	060 15
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	280 19	280 10	275 06
Parachinar ...	...	340 06	330 06	180 05	180 06	235 10
Quetta ...	...	...	...	...	340 07	290 07
Sargodha ...	...	...	...	...	...	...
Skardu ...	120 07	095 05	140 02	240 09	235 15	250 15
Sylhet ...	225 07	230 07	240 04	270 10	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T.† of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	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 ...	120 06	120 08	175 04	...	...	...	...	...	...	...	...
Chhor ...	...	215 02	275 02	210 02	215 03	245 10	210 24	210 40	205 45	...	...
Chittagong ...	245 15	250 20	230 19	200 02	290 18	145 15	165 05	150 09	290 03	330 10	260 13
Cherat ...	180 15	180 05	175 06	360 03	340 02	315 06	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	245 11	230 09	230 08	190 07	165 06	119 08	150 06	115 07	360 14	...	...
Dalbandin ...	145 13	135 11	185 09	210 13	...	...	...	...	...	...	...
D. I. Khan ...	...	...	075 02	075 06	060 02	180 05	270 06	...	...	...	...
Drosh ...	040 06	065 06	075 06	075 06	285 03	070 08	275 12	235 12	201 29	255 29	265 33
Fort Sandeman ...	...	...	...	025 04	360 02	215 13	165 17	215 25	235 35	240 65	246 80
Gilgit ...	...	...	...	250 07	235 10	300 08	030 07	305 2?	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 18	170 11	190 12	235 15	245 12	255 15	310 21	...	...	...	...
Jessore ...	320 06	295 09	290 11	300 11	270 08	210 05	130 09	105 09	...	...	...
Jhelum ...	190 07	119 08	015 07	...	...	...	...	...	...	...	...
Jiwani ...	300 03	240 05	230 03	260 06	260 09	240 12	230 14	265 20	270 20	...	...
Karachi ...	270 10	275 06	295 05	300 21	290 19	175 13	235 14	...	...	...	...
Khanpur ...	270 10	275 17	275 18	285 11	270 13	265 07	285 13	190 17	185 13	...	...
Khuzdar ...	190 08	205 12	210 11	210 03	215 17	220 35	227 32	240 23	240 47	245 51	235 56
Lahore ...	...	...	...	320 03	285 05	175 06	225 09	230 15	250 30	240 20	245 24
Multan ...	170 09	155 09	155 07	270 05	290 06	275 15	290 12	295 06	...	...	...
Nawab Shah ...	010 04	330 03	325 09	240 10	270 07	310 02	180 07	210 14	225 14	...	...
Nokkundi ...	130 03	140 03	250 04	195 06	145 06	155 12	255 12	190 10	250 15	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	345 03	345 08	300 06	208 07	270 08	265 09	260 16	...
Parachinar ...	...	040 04	335 05	285 40	270 05	245 11	230 16	...	...	...	...
Quetta ...	...	...	...	220 04	115 02	265 06	265 14	...	...	...	...
Sargodha ...	...	...	...	...	095 03	260 12	205 27	205 31	235 44	...	...
Skardu ...	070 03	135 09	145 09	185 06	240 09	/// //	275 13	...	...	...	...
Sylhet ...	150 01	195 06	190 07	225 07	230 09	280 17	...	...	...	...	...
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 ...	280 15	275 20	280 21	270 21	260 17	250 09	...	..	...	.	...	...	...	...	...	...	...	...
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

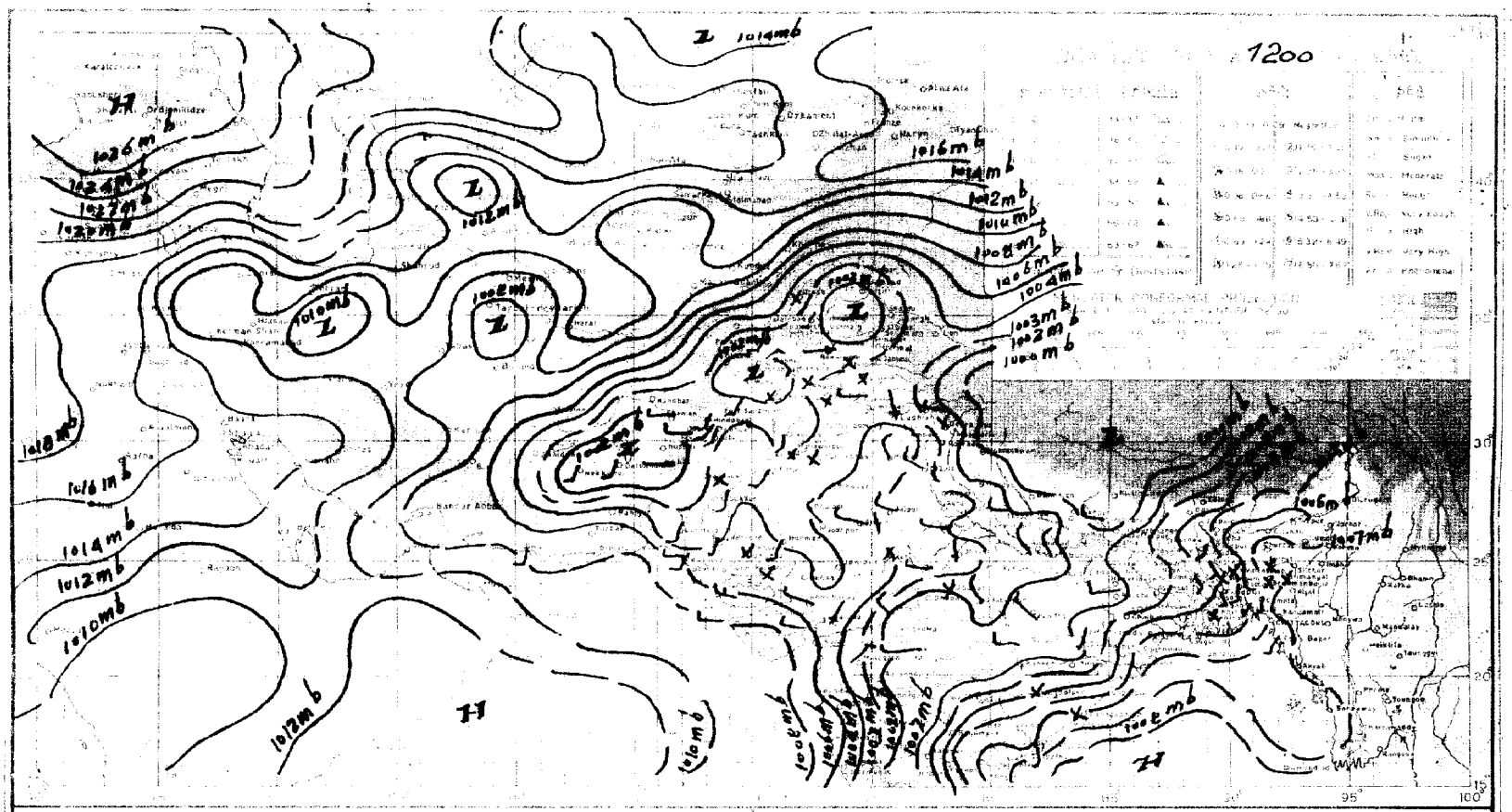
* The actual time of observations may vary within half an hour of the specified time.

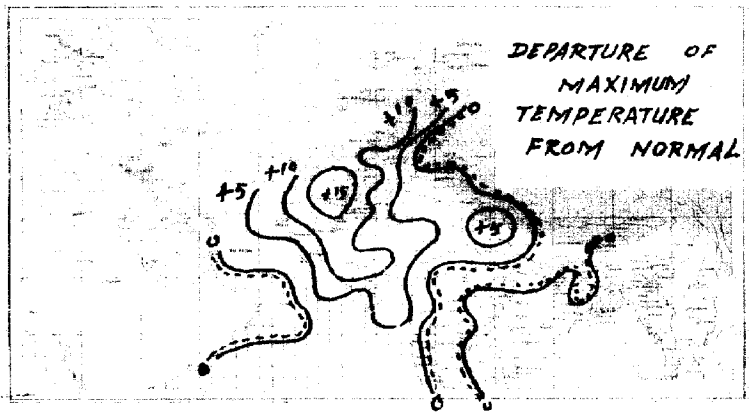
† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted

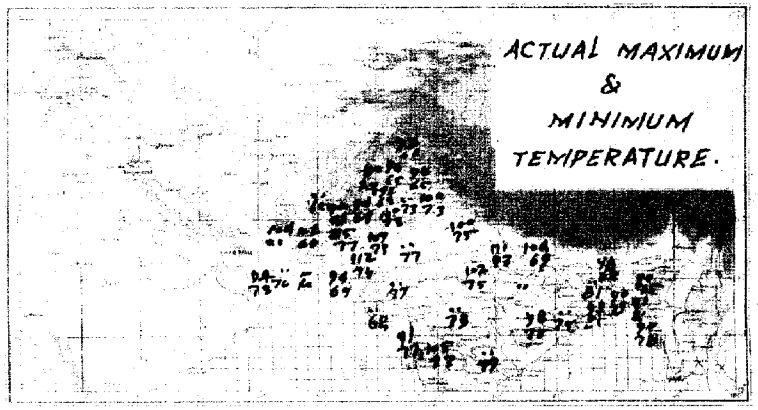
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 21st APRIL 1970

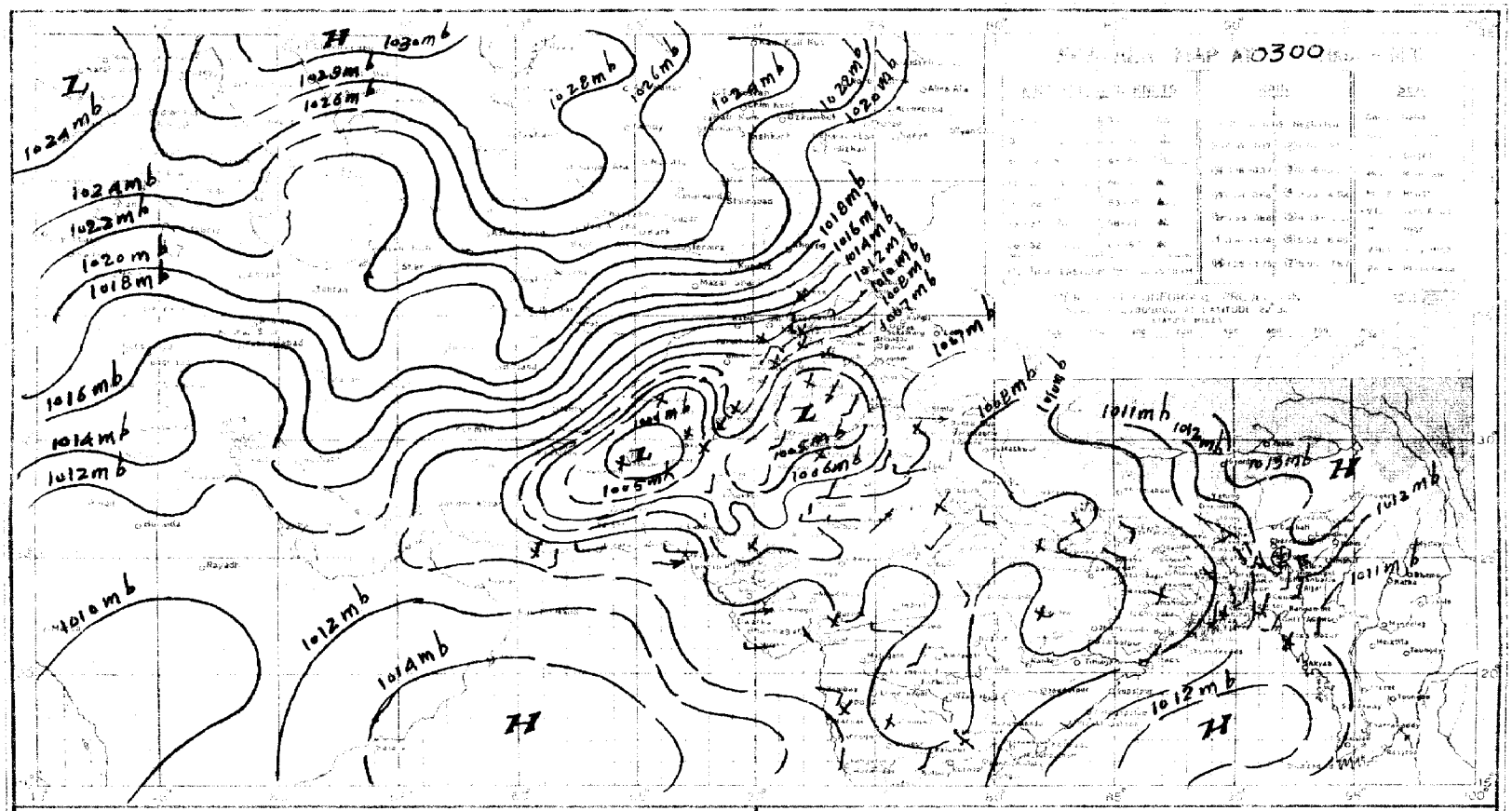


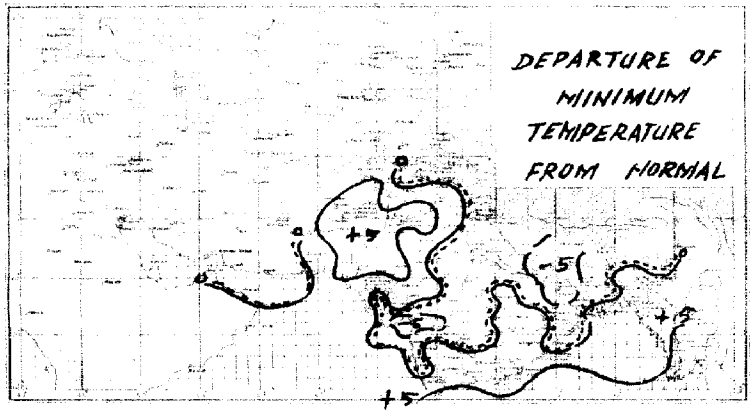


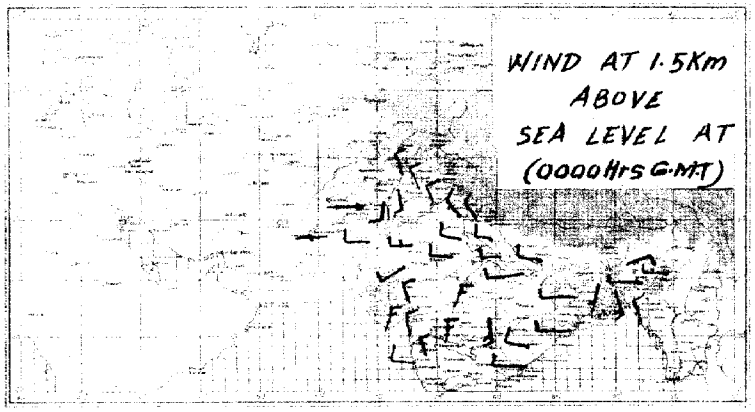


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22nd APRIL 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 23rd APRIL, 1970.

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

Yesterday's secondary western disturbance over central divisions of West Pakistan now lies over Lahore division and adjoining areas. The western disturbance over East Russian Turkistan moved away. A fresh western disturbance lies over central Iran. Its secondary lies over Quetta and Kalat divisions. A few thunderstorm/light showers have occured in Malakand division.

A trough of low pressure has developed over Chota Nagpur and adjoining West Bengal. A few thunderstorm have occured in Khulna division.

Day temperatures were 10—16 °F (6—9 °C) above normal in Rawalpindi, Bahawalpur, Multan, Malakand, Peshawar, D. I. Khan, Quetta, Kalat and Khairpur divisions and 3—9 °F (2—5 °C) so elsewhere in the country outside Karachi division where these remained nearly normal.

Forecast valid until the evening of 24th April, 1970 :—Scattered thunderstorm/showers are likely to occur in East Pakistan, Quetta, D. I. Khan, Peshawar, Malakand, Rawalpindi, Lahore and Sargodha divisions and in Kashmir. A few dust/thunderstorm are also likely in Multan, Bahawalpur and Khairpur divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 23rd April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
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)	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)
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	5	0	23	02	97	00	1	066	99	0	0	9	0	0	73	98
	Cox's Bazar	000	0	2	27	04	96	02	0	///	86	2	1	5	1	0	76	91
	Chittagong	000	0	1	27	05	96	01	0	070	87	1	4	5	0	0	78	91
	Maidee Court	000	9	0	00	00	98	00	0	078	90	0	0	9	0	0	87	96
	Comilla	000	0	0	00	00	96	02	0	058	90	0	0	9	0	0	90	93
	Brahmanbaria	000	0	0	00	00	97	00	1	064	91	0	0	9	0	0	85	93
	Sylhet	000	0	6	16	03	97	02	2	029	91	6	5	5	0	0	76	96
	Srimangal	000	0	0	00	00	96	00	0	069	87	0	0	9	0	0	77	95
Dacca	Mymensingh	000	0	2	00	00	97	01	1	071	90	2	5	6	0	0	76	93
	Narayanganj																	
	Dacca (Tejgaon)	000	0	3	13	05	96	03	0	065	90	1	9	5	4	0	76	93
	Faridpur	000	0	6	16	03	97	02	2	029	91	6	5	5	0	0	76	96
Khulna	Barisal	000	0	1	18	03	96	01	2	067	87	0	0	9	1	8	78	91
	Khulna	000	0	0	00	00	97	00	0	047	93	0	0	9	0	0	77	98
	Satkhira	000	0	4	18	01	97	02	1	062	91	4	4	8	0	0	70	98
	Jessore	000	0	6	18	08	97	01	9	054	93	3	9	4	2	7	72	98
Rajshahi	Pabna																	
	Sirajganj	000	0	2	13	03	96	01	1	055	90	2	1	6	0	0	78	91
	Rajshahi	000	1	6	13	02	96	02	0	053	91	5	4	5	0	1	73	98
	Bogra																	
	Dinajpur																	
	Rangpur	000	0	0	09	02	96	01	0	066	82	0	0	9	0	0	72	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	97	01	2	024	104	1	0	9	2	2	50	105
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	5	27	02	97	01	1	023	102	0	0	9	0	5	47	105
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	5	18	02	99	02	2	025	100	0	0	9	0	7	51	100
	Campbellpur																	
Sargodha	Khushab	000	0	6	05	11	97	03	2	036	100	6	0	9	4	0	72	100
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	3	07	02	97	02	2	046	93	0	0	9	0	4	54	100
Multan	Sahiwal																	
	Multan	000	0	3	23	05	97	02	2	012	109	1	0	9	3	1	45	109
	Leiah	000	0	0	36	01	95	00	0	007	102	0	0	9	0	0	51	102
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	012	109	0	0	9	0	0	43	109
	Bahawalpur	000	0	0	00	00	96	00	0	039	107	0	0	9	0	0	60	109
	Fort Abbas	000	0	0	00	00	98	00	0	064	90	0	0	9	0	0	58	90
Malakand	Chakdara	000	0	7	23	03	98	03	1	037	90	7	0	9	1	6	70	93
Peshawar	Peshawar	000	0	6	00	00	97	01	2	023	96	0	0	9	0	2	51	96
	Haripur	000	0	0	23	02	97	00	0	087	87	0	0	9	0	0	41	90
D. I. Khan	Bannu	000	0	5	05	02	99	02	1	059	100	2	2	7	0	7	51	100
	D. I. Khan	000	0	5	00	00	97	02	1	013	107	2	0	9	2	3	58	107
Quetta	Sibi	000	0	2	18	03	94	03	1	011	115	0	0	9	0	2	58	116
	Nokkundi	000	0	5	31	10	96	03	0	033	96	5	0	9	3	0	43	99
Kalat	Turbat	000	0	0	23	02	98	00	0	078	109	0	0	9	0	0	63	110
	Jiwani	000	0	0	23	10	96	05	0	057	91	0	0	9	0	0	66	93
	Pasni	000	0	0	23	16	97	01	0	064	90	0	0	9	0	0	76	92
Karachi division	Ormara	000	0	0	27	14	96	02	0	062	89	0	0	9	0	0	71	92
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	0	26	05	97	02	0	061	94	0	0	9	0	0	78	86
	Karachi (Airport)	000	0	0	25	10	96	02	0	060	90	0	0	9	0	0	63	91
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	068	104	0	0	9	0	0	49	112
	Chhor	000	0	0	23	07	96	02	0	039	103	0	0	9	0	0	45	108
	Hyderabad	000	0	0	23	09	97	02	0	048	101	0	0	9	0	0	57	107
	Badin	000	0	0	23	10	97	02	0	072	105	0	0	9	0	0	46	107
Khairpur	Padidan	000	0	0	13	03	97	02	0	016	101	0	0	9	0	0	44	112
	Nawabshah	000	0	0	23	05	96	02	0	031	111	0	0	9	0	0	53	112
	Sukkur	000	0	0	31	02	96	02	0	013	112	0	0	9	0	0	51	115
	Kashmore	000	0	0	23	03	98	00	0	107	110	0	0	9	0	0	35	112
	Jacobabad	000	0	0	23	03	97	02	0	009	111	0	0	9	0	0	38	112
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minar																	
	Allahabad																	
	Gilgit																	
Rawalpindi	Murree																	
Malakand	Drosh	000	2	7	05	07	97	02	9	485	73	6	4	7	6	1	40	86
Peshawar	Cherat	000	0	0	18	05	98	02	0	484	96	0	0	9	0	0	43	102
	Kakul	000	0	6	23	03	98	03	2	487	85	3	0	9	3	5	49	86
	Landikotal	000	0	6	05	05	98	03	0	455	67	6	7	8	4	0	45	90
	Peshtnar	000	0	7	13	05	98	02	2	479	78	4	5	6	2	0	49	86
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	493	73	0	0	9	0	0	76	73
	Wana																	
Quetta	Fort Sandeman	000	7	5	23	09	97	02	1	465	93	1	0	9	3	1	15	94
	Hindubagh	000	0	0	23	09	97	02	0	///	72	0	0	9	0	0	38	74
	Loralai	000	0	0	16	04	98	00	0	445	75	0	0	9	0	0	43	78
	Barkhan																	
	Harnai	000	0	0	31	02	96	02	0	474	100	0	0	9	0	0	19	101
	Sariungli (Quetta)	000	0	4	27	03	96	02	0	479	87	4	0	9	0	4	47	91
	Chaman	000	0	0	18	02	97	00	0	515	91	0	0	9	0	0	32	92
	Nushki	000	0	3	21	03	97	02	0	533	94	0	0	9	0	1	50	100
	Dalbandin	000	0	5	23	02	97	03	2	491	97	0	0	9	3	0	40	99
Kalat	Kalat	000	0	0	31	02	98	00	2	469	80	0	0	9	0	0	39	87
	Khuzdar	000	0	0	23	02	97	02	0	461	97	0	0	9	0	0	39	98
	Panjgur	000	0	0	00	00	96	02	0	491	99	0	0	9	0	0	49	99

DIVISION	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (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 April, 1970 to-date	Departure from normal	Since 1st January, 1970 to-date	Annual Normal
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	4	13	02	98	01	0	117	90	1	1	7	0	0	77	80	—	—	1.0	—	5.7	—
	Cox's Bazar	000	0	4	05	04	95	01	0	107	84	2	2	5	2	0	72	77	+ 2	+ 3	0.2	— 2.4	0.5	140
	Chittagong	000	0	5	00	00	96	03	4	109	84	5	8	4	0	1	79	81	+ 2	+ 8	5.4	+ 2.0	5.9	109
	Maidee Court	000	9	5	00	00	97	02	0	109	84	3	2	5	2	0	73	77	+ 1	+ 1	7.0	+ 4.6	11.5	115
	Comilla	000	0	4	00	00	96	02	1	080	86	4	4	7	0	0	77	77	+ 2	+ 4	3.5	— 0.3	6.6	94
	Brahmanbaria	000	0	2	27	02	97	03	0	102	84	2	5	5	0	0	80	79	—	—	3.9	— 1.0	6.8	78
	Sylhet	000	0	0	09	05	96	02	0	100	86	0	0	9	0	0	69	73	—	—	14.5	—	21.9	—
	Srimangal	000	0	0	23	02	96	02	0	112	86	0	0	9	0	0	77	73	+ 4	— 4	3.4	— 3.8	8.5	98
Dacca	Mymensingh	000	0	2	00	00	97	01	0	115	88	2	0	9	2	0	79	77	+ 4	+ 5	0.2	— 3.6	2.4	91
	Narayanganj																							74
	Dacca (Tejgaon)	000	0	4	27	09	97	02	0	111	84	0	0	9	0	0	74	77	—	—	1.9	—	4.3	—
	Faridpur	000	0	4	16	05	97	02	2	107	84	4	4	6	0	0	79	75	+ 4	+ 2	2.6	— 0.5	4.9	71
Khulna	Barisal	000	0	4	00	00	97	02	0	107	84	4	4	5	0	0	79	79	0	+ 4	1.5	— 0.9	4.8	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					40
	Satkhira	000	0	6	18	02	97	02	0	138	90	2	3	5	0	1	70	79	+ 3	+ 4	1.4	— 0.6	5.1	48
	Jessore	000	0	0	23	05	97	02	0	104	86	0	0	9	0	0	79	75	—	—	4.0	+ 1.7	7.0	65
Rajshahi	Pabna																		— 2					59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						64
	Rajshahi	033	0	0	13	02	98	02	0	102	88	0	0	9	0	0	79	75	+ 2	—	1.6	—	4.7	—
	Bogra																							69
	Dinajpur																							73
	Rangpur	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	97	01	0	054	84	0	0	9	0	2	58	77	+ 7	+ 12	0.0	— 0.5	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	040	73	0	0	9	0	0	47	///		—	0.0	— 0.8	1.8	32
Rawalpindi	Jhelum	000	9	6	00	00	99	02	2	062	84	0	0	9	0	1	56	73	—	—	0.2	—	4.6	—
	Islamabad	000	0	7	00	00	96	03	0	///	74	4	4	5	3	0	55	///		—	0.7	—	9.2	—
	Rawalpindi	000	0	5	36	02	98	02	2	058	81	0	0	9	0	0	73	73	+ 10	+ 8	0.7	— 0.9	9.2	36
	Campbellpur																							
Sargodha	Khushab	000	0	4	36	05	97	01	2	046	87	0	0	9	0	4	60	68	+ 4	— 1	0.0	— 0.7	1.8	15
	Sargodha	000	0	5	09	03	96	04	1	051	81	0	0	9	0	1	59	69	—	—	0.0	—	1.7	—
	Lyallpur	000	9	0	00	00	96	00	0	046	81	0	0	9	0	0	64	69	+ 4	+ 3	0.1	— 0.3	1.3	13
Multan	Sahiwal																							18
	Multan	000	0	0	23	03	97	02	0	048	87	0	0	9	0	0	54	74	+ 11	+ 5	0.1	— 0.2	0.9	7
	Leiah	000	0	0	36	03	93	00	0	052	79	0	0	9	0	0	58	68	—	—	0.0	—	0.0	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9					6
	Fort Abbas	000	0	2	00	00	96	00	0	070	84	0	0	9	0	1	56	75	—	—	0.0	—	0.1	8
Malakand	Chakdara	000	0	6	00	00	97	03	2	070	69	6	0	9	3	0	59	62	—	—	0.8	—	7.2	—
Peshawar	Peshawar	000	0	0	00	00	97	02	2	063	73	0	0	9	3	1	59	69	+ 8	—	0.7	— 0.7	4.0	11
	Haripur	000	0	5	36	02	97	01	2	048	63	5	0	9	0	5	56	58	—	—	0.3	—	7.7	—
D. I. Khan	Bannu	000	0	6	27	02	99	02	1	067	69	0	0	9	2	7	60	75	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	1	05	02	97	02	1	051	84	0	0	9	0	1	56	79	+ 11	+ 11	0.1	— 0.5	7.8	9
Quetta	Sibi	000	0	0	13	03	97	02	0	052	91	0	0	9	0	0	54	77	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	23	02	96	02	0	105	73	0	0	9	0	0	50	69	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	09	02	98	00	0	109	80	0	0	9	0	0	60	73	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	02	96	05	0	075	81	0	0	9	0	0	73	76	—	—	0.0	—	0.3	1
	Pasni	000	0	0	18	07	97	02	0	063	74	0	0	9	0	0	63	70	+ 2	— 3	0.0	— 0.4	2.5	4
Karachi division	Ormara	000	0	0	00	00	96	02	0	072	81	0	0	9	0	0	77	///	—	—	0.0	— 0.6	2.9	6
	Lasbela	000	0	0	00	00	98	00	0	083	73	0	0	9	0	0	67	69	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	4	27	05	96	03	0	074	80	4	6	4	0	0	77	78	0	+ 3	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	2	27	09	96	03	0	074	80	2	6	5	0	0	74	73	—	0	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	129	90	0	0	9	0	0	90	90	—	—	0.0	—	0.1	—
	Chhor	000	0	0	23	05	96	02	0	057	80	0	0	9	0	0	69	68	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	23	02	97	02	0	038	80	0	0	9	0	0	73	75	+ 1	+ 1	0.2	+ 0.2	1.3	9
	Badin	000	0	0	23	03	97	02	0	///	87	0	0	9	0	0	71	72	+ 4	— 2	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	13	03	97	03	0	042	81	0	0	9	0	0	59	73	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	13	05	96	02	0	051	83	0	0	9	0	0	70	71	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	02	95	05	4	040	85	0	0	9	0	0	59	76	—	—	0.0	—	0.9	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	0	09	02	96	02	0	051	89	0	0	9	0	0	52	76	+ 10	+ 3	0.0	— 0.2	2.1	10
Junagadh	Veraval																							36
	HILL STATIONS																							—
Kashmir	Srinagar																							71
	Gulmarg																							84
	Sonamarg																							—
	Dras																							3
	Leh																							6
	Skardu																							—
	Minar																							—
	Allahabad																							3
	Gilgit																							99
Rawalpindi	Murree																							19
Malakand	Drosh	010	3	7	05	02	97	02	9	511	63	7	6	7	9	0	49	61	+ 14	— 9	0.5	—	5.3	29
Peshawar	Cherat	000	0	4	00	00	98	03	0	503	77	0	0	9	3	0	50	69	+ 28	+ 11	0.5	— 1.6	6.0	—
	Kakul	000	0	7	00	00	98	03	0	496	75	3	0	9	3	7	///	65	—	—	0.7	—	15.9	—
	Landikotal	000	0	0	36	02	98	01	2	480	81	6	7	8	0	0	47	67	—	—	1.3	—	5.0	89
	Peshtnar	000	0	7	00	00	98	02	2	499	69	2	5	6	7	0	43	62	+ 16	+ 13	0.3	—	5.4	13
D.I. Khan	Miranshah	000	0	4	05	05	97	00	0	469	73	4	0	9	7	0	///	75	—	—	0.0	— 1.3	0.1	11
	Wana																							13
Quetta	Fort Sandeman	000	0	2	00	00	97	02	0	505	73	0	0	9	0	0	41	64	+ 12	+ 7	0.5	— 0.3	3.3	—
	Hindubagh	000	0	0	00	00	98	02	0	///	50	0	0	9	0	0	///	42	—	—	0.0	—	1.6	9
	Loralai	000	0	0	18	02	98	00	0	440	56	0	0	9	0	0	34	56	—	—	0.1	—	2.3	—
	Barkhan																							14
	Harnai	000	0	0	31	02	96	02	0	467	83	0	0	9	0	0	33	73	—	—	0.0	— 0.7	3.8	9
	Sariungli (Quetta)	000	0	0	00	00	97	02	0	515	63	5	0	9	0	0	47	49	—	—	0.1	— 0.8	3.0	9
	Chaman	000	0	0	00	00	97	00	0	516	72	0	0	9	0	0	57	65	+ 11	+ 8	0.0	— 0.6	7.7	—
	Nushki	000	0	0	00	00	97	02	0	508	80	0	0	9	0	0	35	75	—	—	0.0	—	3.5	4
	Dalbandin	000	0	0	05	10	95	06	2	509	77	0	0	9	0	0	35	70	+ 6	+ 9	0.0	— 0.2	3.3	7
Kalat	Kalat	000	0	0	13	02	98	02	0	519	58	0	0	9	0	0	38	///	+ 12	— 15	0.0	— 0.5	3.0	—
	Khuzdar	000	0	0	00	00	96	02	0	480	76	0	0	9	0	0	42	71	—	—	0.0	—	2.6	5
	Panjgur	000	0	0	05	03	96	02	0	496	73	0	0	9	0	0	45	70	+ 8	+ 9	0.0	—	0.0	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day. When over 990 is given RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd APRIL, 1970.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	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 $t_R t_R$	8N_s C_h h_s	$OT_s T_s T_d T_d$	1$T_w T_w T_{wt}$ T	3$P_w P_w H_w H_w$	J $d_w P_w H_w H_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Howra	99 1 61	01 5 98	22 0 62	02 8 09	98 0 20	11 2 20	00 9 00	13 2 05						
Dumra	99 2 34	10 6 76	22 1 83	63 9 10	99 0 31	08 7 26	62 5 00	73 2 12						
Dwaaka	99 3 24	10 6 86	22 1 23	02 9 10	99 0 20	07 6 29	00 9 00	73 6 09						

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
		$P_0P_0P_0$ $T_0T_0T_0$ $D_0D_0D_0$	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	006 269 11	...	500 268 72	131 070 65	581 101 69	749 219 77	955 349 //	239 519 //	410 661 //	648 809 //	—	...	...
Dacca	00 00	007 256 16	...	490 174 62	095 050 41	576 105 67	744 231 64	948 275 59	221 509 //	404 625 //	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	003 250 29	...	450 180 31	090 094 //	581 021 //	766 105 //	973 215 //	...	...	—	—	—	—
Multan	00 00	990 270 65	...	403 304 68	182 184 57	597 030 //	773 081 //	982 111 //	202 237 //	...	...	...	...	...
Peshawar	00 00	945 215 87	...	450 226 00	127 144 59	587 027 //	761 141 //	974 256 57	...	...	...	...	...	...
Quetta	00 00	821 306 61	...	...	155 134 //	590 021 //	764 127 //	979 215 //	...	...	...	...	...	...
Sargodha	00 00	991 244 35	...	558 250 58	210 064 58	587 126 57	754 221 //	943 301 //	...	...	...	...	...	...

At Significant Levels.

STATION	Time of ascent in G.M.T.	PPP TT T_s DD						Max. Wind Speed	TROPOPAUSE	
								PmPmPm dmdm fmfmfm	$P_t T_t P_s T_s T_t T_{ss}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	...	...	...	...	...	...	...	...	...	—	—	—
Dacca	00 00	800 150 67	600 017 63	350 305 58	...	...	...	...	...	...	—	...	—
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	—	...	—	...	...	...	...	—
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	—	...	...	...	—	...	...	...	...	...
Quetta	00 00	800 170 //	600 064 //	350 173 //	...	...	...	...	...	...	...	...	...
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	5	26	27
Barisal	130 08	210 04	210 04	285 04	330 10	340 04	010 15	025 12	030 18	185 11	170 11	150 13	260 04	355 05	345 13	138 04	170 07	170 09	210 08	160 04	340 04	320 01	815 14	325 07	025 10	030 23
Bogra	105 13	130 16	130 13	255 08	295 14	285 17	295 26	...	...	180 06	170 10	175 11	330 08	120 06	285 15	...	...	...	...	...	...	...	...	...	...	...
Chaklala	—	175 02	190 04	160 03	109 08	135 05	...	...	...	...	080 11	105 08	150 10	235 07	240 13	...	115 06	155 09	170 06	210 03	235 07	245 06	265 11	300 18	...	...
Chhor	205 19	205 19	205 22	195 19	200 16	175 09	195 04	195 10	095 03	...	...	...	...	...	...	200 10	215 15	210 18	235 10	295 19	265 17	165 10	195 07	205 09	...	...
Chittagong	255 07	240 06	230 06	215 03	185 02	230 02	315 12	325 11	305 12	045 01	045 01	055 02	030 05	030 06	005 10	290 04	350 04	350 05	...	...	...	...	...	...	...	...
Cheraz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	265 14	265 14	285 17	290 09	360 10	335 03	030 09	335 10	...	255 85	285 06	285 07	300 06	280 08	045 14	225 12	275 10	280 07	305 86	350 06	020 03	360 09	005 12	...	...	...
Dacca	145 05	155 07	175 06	210 07	295 10	310 10	330 14	305 07	360 14	200 12	150 12	150 09	/// //	040 06	/// //	195 02	180 05	170 06	180 05	200 05	275 13	325 15	320 13	035 06	025 20	035 27
Dalbandin	...	...	095 01	145 05	325 08	290 07	245 17	...	...	...	...	070 13	065 12	105 10	205 02	...	...	080 12	075 12	095 15	180 03	325 16	...	...	...	...
D. I. Khan	085 03	095 07	105 07	120 08	130 10	185 07	...	...	...	059 05	070 06	085 05	160 03	260 04	280 06	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	050 17	050 13	185 13	...	...	...	...	...	...	040 08	045 08	065 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	190 21	215 28	220 58	235 15	230 16	230 19	...	...	...	280 07	305 06	295 23	...	...	...	350 01	250 01	210 05	230 10	275 17	290 20	305 27	350 43
Gilgit	...	...	...	...	...	...	...	...	...	...	...	...	210 05	175 04	135 10	...	...	...	115 12	110 17	135 08	...	...	...	...	...
Jahurdi	290 11	250 13	260 18	...	...	...	...	...	...	175 11	180 08	180 07	165 05	215 07	300 13	160 05	160 09	165 12	185 08	190 13	235 36	...	...	...	...	...
Jacobabad	165 05	185 10	185 13	210 12	220 10	275 03	181 40	185 14	260 16	150 05	175 04	200 03	175 04	090 04	360 06	155 02	140 03	095 03	065 06	075 09	095 08	125 12	245 23	235 28	225 29	225 39
Jessore	190 07	195 14	175 04	220 07	225 06	215 06	...	...	...	205 16	235 16	235 12	270 10	290 05	...	200 05	225 04	229 05	205 08	...	...	...	...	...	...	...
Jhelum	245 02	205 03	175 04	130 03	265 03	270 12	250 09	265 31	260 41	345 02	140 04	155 05	215 08	285 07	230 11	155 02	160 09	151 11	165 10	165 05	240 10	240 12	250 22	245 29	260 59	...
Jiwani	245 15	275 15	285 17	290 23	280 19	250 13	255 06	235 17	235 22	350 23	265 19	200 14	290 18	300 08	095 09	251 57	260 18	260 17	255 12	225 03	215 03	190 21	155 27	200 41	...	...
Karachi	265 15	260 19	255 21	250 20	255 18	015 11	240 11	275 09	285 11	290 17	290 25	285 22	275 16	300 10	075 10	230 08	275 11	260 13	270 04	270 04	205 05	180 08	185 17	...	...	...
Khanpur	285 06	235 09	235 10	225 01	280 07	270 15	260 24	250 31	260 32	185 06	220 06	230 09	250 11	275 10	280 05	150 06	170 08	170 08	175 08	190 05	215 05	290 05	310 08	330 09	310 09	300 19
Khuzdar	...	...	...	200 04	220 06	240 09	220 07	250 18	255 22	...	...	...	325 05	320 08	365 08	...	...	...	035 02	115 04	190 07	220 17	235 20	330 20	230 27	245 44
Lahore	145 03	145 02	170 03	145 04	170 03	260 03	260 14	265 19	265 80	090 12	110 10	130 08	175 10	210 12	255 11	120 09	125 12	125 11	170 09	215 14	220 15	220 13	235 14	245 14	270 15	230 07
Multan	235 06	210 06	210 04	215 07	230 09	200 11	230 10	270 19	245 21	286 01	270 02	270 06	250 22	250 20	255 19	258 04	245 08	250 09	215 11	225 15	200 07	218 18	245 26	255 27	...	...
Nawab Shah	195 06	210 01	215 07	240 08	255 07	260 05	240 14	260 12	230 11	315 08	320 10	300 07	265 06	340 08	055 13	150 06	170 06	170 06	040 03	060 04	160 03	190 11	225 13	200 19	...	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	050 09	075 09	110 11	180 06	255 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar	...	...	...	...	150 09	215 07	...	...	...	...	305 04	005 04	105 03	180 10	215 15	...	345 02	235 05	160 05	220 15	235 14	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	060 04	090 05	120 06	195 04	275 06	245 12	250 23	265 24	275 30	120 04	170 05	170 05	140 03	225 11	260 11	075 05	130 06	150 09	165 10	190 13	200 14	230 10	250 19	260 28	255 37	...
Skardu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	277 30	250 20	275 27	230 17	...	...	...	...	...	105 12	125 04	250 04	110 04	320 05	325 23	090 02	260 03	260 04	255 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 ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Gilgit																		
Jiwani																		
Karachi	290 17	290 25	285 22	275 16	300 10	075 10	175 13	175 10	230 10	185 26	225 19	240 31	240 43	—	...	...	...	—
Multan																		
Peshawar																		
Quetta																		
Sargodha																		

Cloud observation Data (Iliii 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 earth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

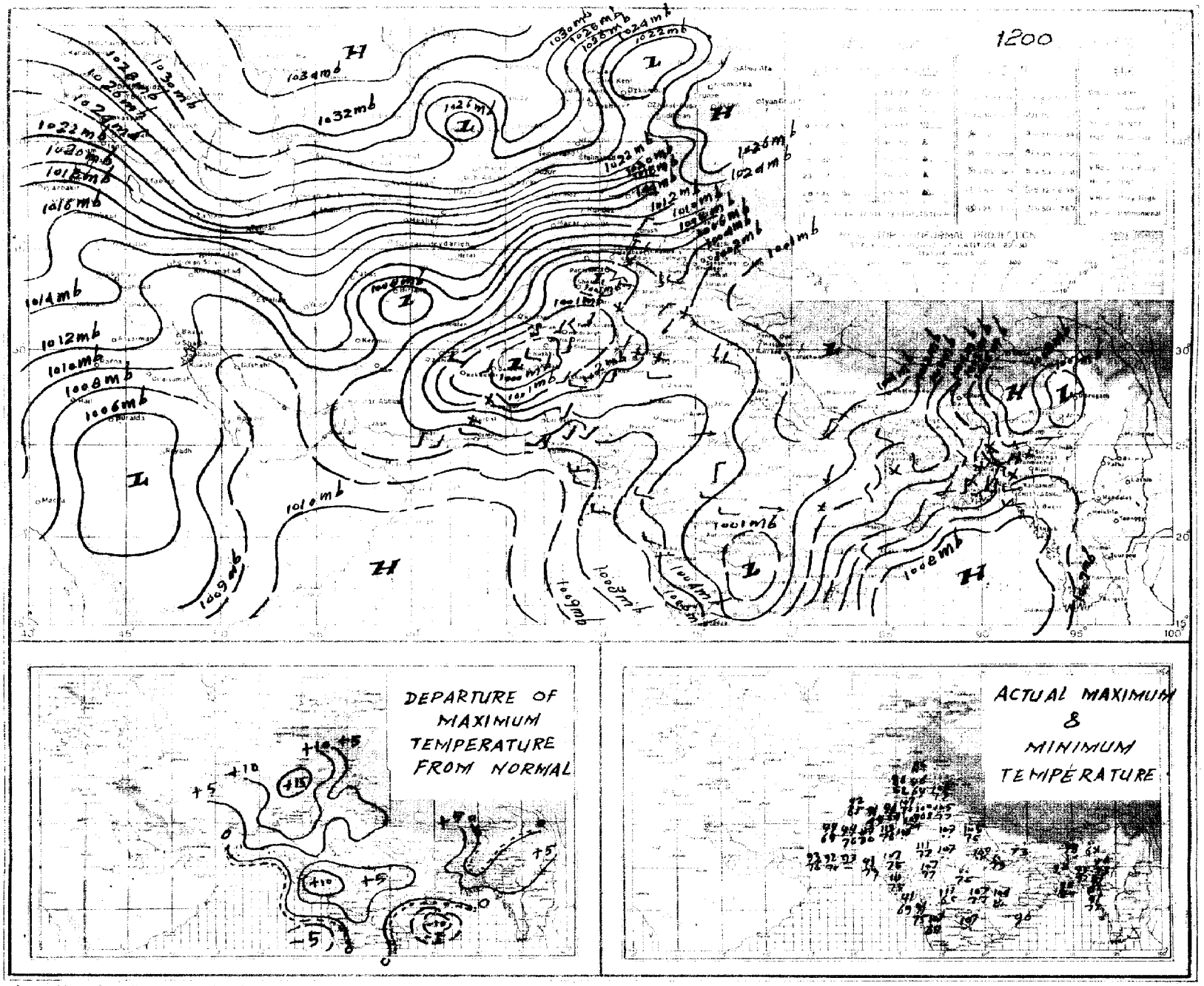
† The actual time of observations may vary within half an hour of the specified time.

* 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 series in this report is not can be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre (Air Port) KARACHI—11

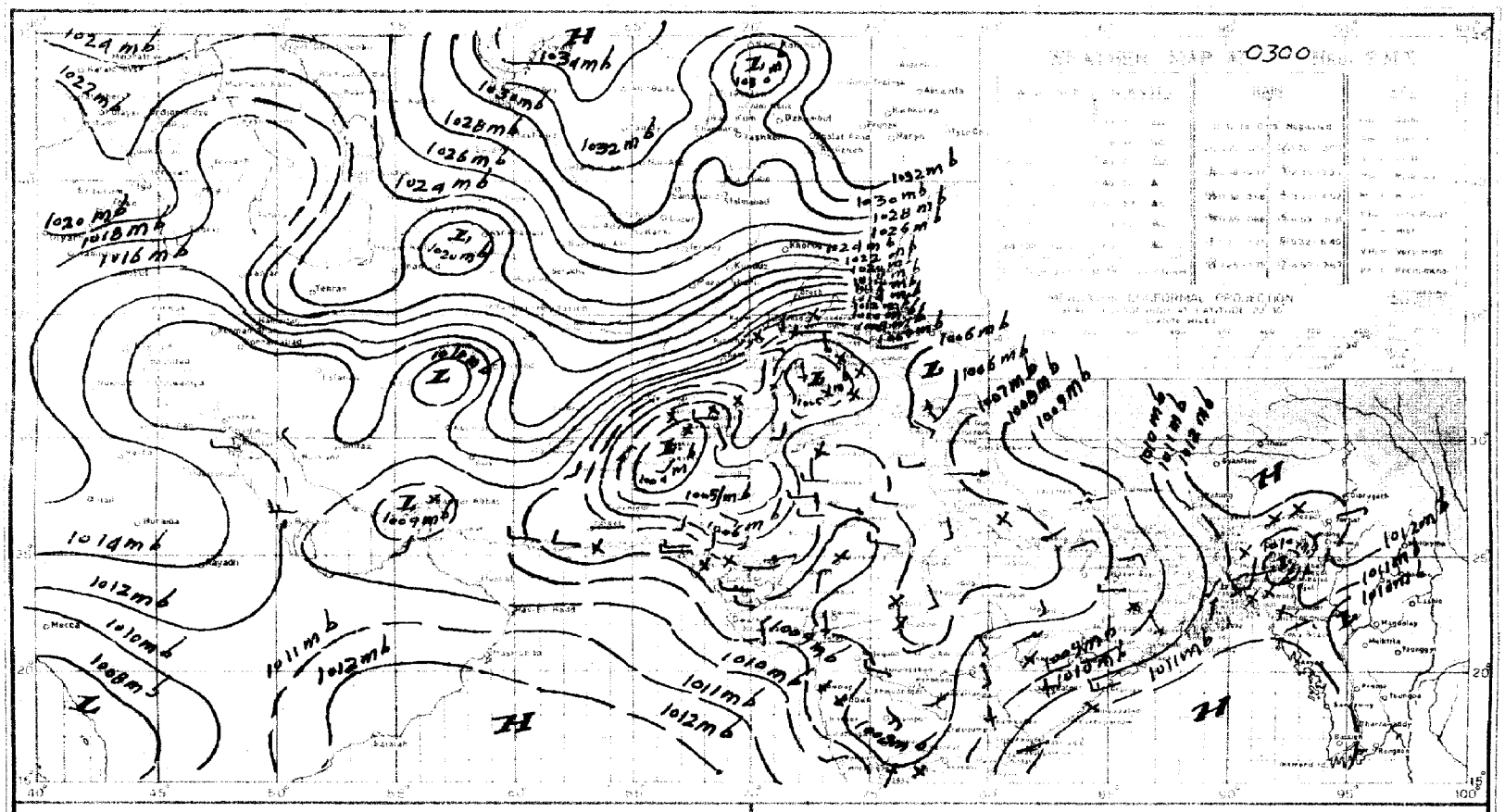
PAKISTAN DAILY WEATHER MAP

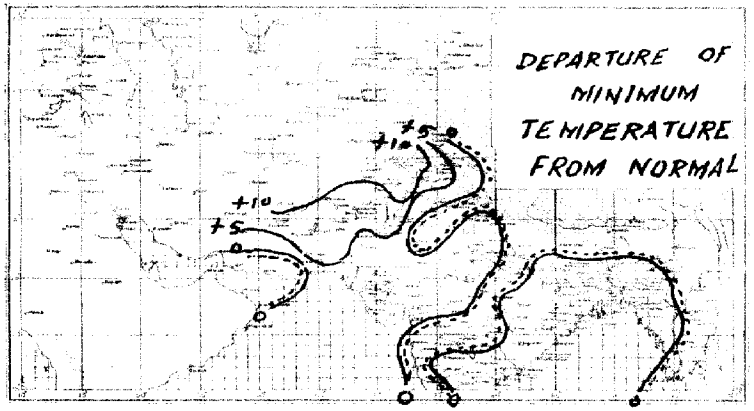
WEDNESDAY 22nd APRIL 1970

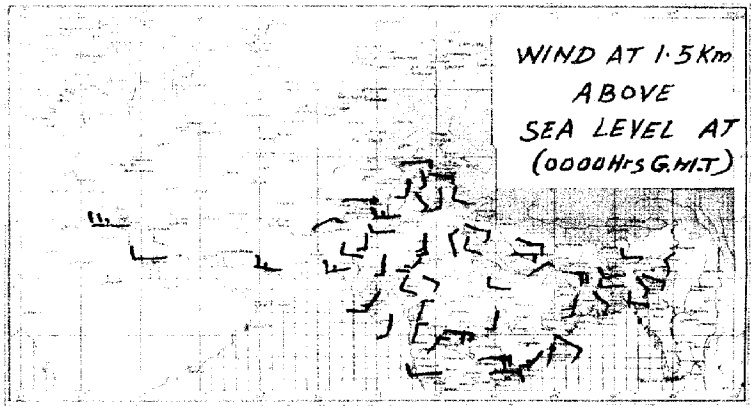


PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd APRIL 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

FRIDAY THE 24th APRIL, 1970.

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

Yesterday's secondary western disturbance over Lahore division moved away eastwards.

The western disturbance over central Iran now lies over East Iran and adjoining areas. Its secondary lies over Quetta division and neighbourhood.

A secondary western disturbance lies over northern divisions of West Pakistan. Weather remained dry in West Pakistan.

A trough of low pressure over Chota Nagpur and adjoining West Bengal persists. Weather remained dry in East Pakistan.

Day temperatures were 9—18 °F (5—10 °C) above normal in Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar, D. I. Khan, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in East Pakistan, Hyderabad and Khairpur divisions and remained nearly normal elsewhere in West Pakistan.

Forecast valid until the evening of 25th April, 1970 :—Scattered thunderstorm/showers are likely to occur in East Pakistan and in Quetta, D. I. Khan, Malakand, Peshawar, Rawalpindi, Lahore and Sargodha divisions and in Kashmir. A few dust/thunderstorm are also likely in Multan and Bahawalpur divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 24th April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ww)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility† (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature * (TT)	Amount of Lowest Cloud † (Nh)	Low 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 † (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 *§ (TdTd)	Minimum temperature (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum Temperature (TaTa)	Rainfall: Since 1st April, 1970 to-date	Departure from normal	Since 1st January, 1970 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	04	0	090	95	0	0	9	0	0	76	100	000	0	2	18	02	98	02	0	103	90	2	4	6	0	6	79	81	—	—	1.0	—	5.7	—
	Cox's Bazar	000	0	2	27	05	94	02	0	073	88	0	0	9	3	0	77	91	000	0	6	00	00	97	03	2	094	86	5	3	4	2	6	77	79	+ 2	+ 5	0.2	— 3.3	1.5	140
	Chittagong	000	0	1	27	08	96	01	0	066	88	1	8	5	0	0	81	91	000	0	4	00	00	96	03	2	096	84	4	4	4	2	0	77	79	+ 2	+ 6	5.4	+ 1.8	5.9	109
	Maijdee Court	000	2	0	00	00	97	00	0	057	88	0	0	9	0	0	88	95	000	9	4	18	02	96	03	0	096	85	4	2	5	2	0	78	//	+ 4	—	7.8	+ 4.4	11.5	115
	Comilla	000	0	3	00	00	96	02	0	057	91	0	0	9	3	0	91	94	000	0	0	00	00	96	02	0	095	84	0	0	9	0	0	84	75	+ 8	+ 6	3.5	— 0.6	6.8	94
	Brahmanbaria	100	0	2	00	00	97	01	1	059	90	2	5	5	0	0	82	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	78
	Sylhet	000	0	5	00	00	96	02	0	054	86	3	9	5	3	1	76	99	000	0	6	09	05	96	03	0	096	83	3	0	9	3	1	73	//	—	—	14.5	—	21.9	—
	Srimangal	000	0	0	00	00	96	00	0	059	88	0	0	9	0	0	82	96	000	0	0	36	02	96	00	0	092	86	0	0	9	0	0	75	73	+ 5	— 4	3.4	— 4.1	8.5	98
Dacca	Mymanesingh	000	0	0	00	00	96	00	1	061	91	0	0	9	0	0	72	97	000	0	2	00	00	97	01	0	097	90	2	0	9	1	0	79	79	+ 8	+ 7	0.2	— 3.8	2.4	91
	Narayanganj	000	0	0	00	00	95	00	0	056	91	0	0	9	0	0	72	91	000	0	0	18	02	97	00	0	097	84	0	0	9	0	0	75	75	0	+ 1	1.9	+ 6.0	9.5	74
	Dacca (Tejgaon)	000	0	1	18	05	97	02	0	055	91	0	0	9	0	1	76	95	000	0	1	18	05	96	01	0	093	84	1	0	9	4	0	75	79	—	—	1.9	—	4.3	—
	Faridpur	000	0	0	14	02	97	00	0	028	93	0	0	9	0	0	79	99	000	0	0	16	07	97	00	0	092	84	0	0	9	0	0	79	77	+ 7	+ 4	2.6	— 0.7	4.9	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	093	84	0	0	9	0	0	79	79	—	+ 4	3.5	+ 0.7	4.8	81
	Khulna	000	0	0	00	00	97	00	0	057	95	0	0	9	0	0	86	99	000	0	0	00	00	97	00	0	089	87	0	0	9	0	0	79	79	+ 6	+ 4	4.0	+ 1.9	7.9	68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	23	01	96	00	0	//	81	2	3	5	1	0	79	79	—	—	1.4	— 1.3	5.1	68
	Jessore	000	0	0	18	06	97	02	0	051	97	0	0	9	0	0	84	101	000	0	0	18	08	96	01	1	083	87	0	0	9	0	0	75	//	—	—	4.0	+ 1.3	7.8	65
Rajshahi	Pabna	000	0	0	13	02	97	02	0	041	95	0	0	9	0	0	74	97	000	0	0	13	05	99	02	0	088	87	0	0	9	0	0	81	77	—	—	1.6	—	4.7	89
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	18	02	98	01	0	087	82	2	2	6	0	0	73	79	—	+ 6	0.1	+ 2.1	2.1	84
	Rajshahi	000	0	2	13	02	96	02	0	029	99	2	4	5	0	0	74	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	...	...	...	...	—
	Bogra	000	0	0	13	02	96	01	0	043	94	0	0	9	0	0	70	94	000	0	2	31	02	96	01	1	088	86	2	0	9	1	1	74	80	0	+ 8	1.9	+ 0.2	3.4	89
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	09	02	96	00	0	080	80	0	0	9	0	0	//	//	—	—	0.8	— 0.5	1.0	78
	Rangpur	000	0	2	00	00	96	01	0	069	84	2	0	9	1	0	72	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Met Off.)	000	0	0	00	00	97	02	0	036	108	0	0	9	0	0	42	110	000	0	0	00	00	95	06	0	064	88	0	0	9	0	0	54	79	+ 12	+ 14	0.0	— 0.5	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	028	110	0	0	9	0	0	67	115	000	0	0	00	00	97	00	0	040	75	0	0	9	0	0	47	//	+ 19	—	0.0	— 0.8	1.8	32
Rawalpindi	Jhelum	000	2	3	25	02	97	00	1	019	108	0	0	9	0	1	45	110	000	0	0	00	00	96	02	0	068	86	0	0	9	0	0	56	//	—	—	0.2	—	4.6	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	06	05	96	02	0	//	//	0	0	9	0	0	58	//	—	—	0.7	—	9.2	—
	Rawalpindi	000	0	0	00	00	98	02	2	021	100	0	0	9	6	8	63	104	000	0	0	05	05	98	00	0	066	82	0	0	9	0	0	58	73	+ 14	—	0.7	— 1.0	9.2	86
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	013	106	0	0	9	0	0	74	104	000	0	0	00	00	97	00	0	063	77	0	0	9	0	0	60	65	+ 8	— 4	0.0	— 0.8	1.8	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	03	96	06	0	056	80	0	0	9	0	0	58	70	—	—	0.0	—	7.1	—
	Lyallpur	000	0	0	16	02	97	00	0	007	100	0	0	9	0	0	58	106	000	0	0	00	00	96	00	0	064	88	0	0	9	0	0	59	75	+ 10	+ 9	0.1	— 0.3	1.3	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	000	0	0	13	03	97	02	0	013	108	0	0	9	0	0	42	111	000	0	0	13	02	97	02	0	049	86	0	0	9	0	0	45	72	+ 10	+ 2	0.1	— 0.2	0.9	7
	Lodhi	000	0	0	36	02	95	00	0	037	104	0	0	9	0	0	63	104	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	011	109	0	0	9	0	0	38	111	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8	...	...	...	...	6
	Bahawalpur	000	0	0	00	00	96	00	0	045	108	0	0	9	0	0	64	110	000	0	0	00	00	96	00	0	075	87	0	0	9	0	0	58	73	+ 10	+ 4	0.0	— 0.2	0.4	6
	Fort Abbas	000	0	0	27	03	98	00	0	026	110	0	0	9	0	0	84	110	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	8
Malakand	Chakdara	000	0	6	23	02	98	03	1	030	93	0	0	9	0	1	61	97	000	0	1	05	07	96	01	0	017	73	0	0	9	0	3	60	65	—	—	0.9	—	7.2	—
Peshawar	Peshawar	000	0	5	09	02	95	05	2	028	97	0	0	9	0	1	56	97	000	0	2	00	00	96	05	1	075	80	2	0	9	3	0	60	73	+ 9	—	0.7	— 0.7	4.0	11
	Hariपur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
D. I. Khan	Bannu	000	0	5	07	02	98	00	2	010	102	2	2	7	0	7	50	106	000	0	3	31	02	99	01	1	051	84	0	0	9	0	7	49	79	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	0	00	00	97	02	0	008	102	0	0	9	0	0	38	111	000	0	0	36	02	94	02	0	057	//	0	0	9	0	0	54	75	+ 15	+ 7	0.1	— 0.5	7.8	9
Quetta	Sibi	000	0	0	18	23	97	02	0	013	114	0	0	9	0	0	56	115	000	0	0	13	03	97	02	0	060	84	0	0	9	0	0	52	79	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	13	03	96	02	0	032	96	0	0	9	0	0	40	96	000	0	0	27	03	96	02	0	080	76	0	0	9	0	0	42	70	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	23	02	98	00	0	064	108	0	0	9	0	0	62	109	000	0	0	05	02	98	00	0	123	83	0	0	9	0	0	69	73	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	23	07	96	05	0	051	93	0	0	9	0	0	63	96	000	0	0	36	02	96	02	0	089	80	0	0	9	0	0	76	77	—	—	0.0	—	0.3	3
	Pasni	000	0	0	25	14	97	02	0	053	92	0	0	9	0	0	71	96	000	0	0	29	16	98	02	0	//	//	0	0	9	0	0	74	74	+ 6	+ 1	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	0	27	19	96	02	0	045	91	0	0	9	0	0	65	93	000	0	0	27	16	96	02	0	094	81	0	0	9	0	0	78	//	—	—	0.0	— 0.6	2.9	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	98	00	0	078	78	0	0	9	0	0	71	75	—	—	0.0	—	0.0	9
	Karachi (Manora)	000	0	0	27	05	97	02	0	049	95	0	0	9	0	0	78	87	000	0	0	27	03	96	02	0	079	81	0	0	9	0	1	78	79	+ 1	+ 4	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	0	23	09	96	02	0	046	90	0	0	9	0	0	76	93	000	0	3	25	07	96	03	0	082	80	3	6	5	0	0	76	72	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	120	90	0	0	9	0	0	90	90	—	—	0.0	—	0.1	—
	Chhor	000	0	0	23	07	97	02	0	029	105	0	0	9	0	0	63	107	000	0	0	23	12	96	02	0	079	82	0	0	9	0	0	67	72	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	23	10	97	02	0	043	105	0	0	9	0	0	57	108	000	0	0	23	05	97	02	0	069	81	0	0	9	0	0	74	76	+ 3	+ 2	0.2	+ 0.2	1.3	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5	...	...	...	...	—
Khairpur	Padidan	000	0	0	27	03	97	02	0	011	110	0	0	9	0	0	48	111	000	0	0	13	03	97	02	0	049	82	0	0	9	0	0	65	75	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	00	00	97	02	0	016	110	0	0	9	0	0	67	111	000	0	0	13	03	94	02	0	055	82	0	0	9	0	0	62	73	—	—	0.0	—	0.4	4
	Sukkur	000	6	0	05	02	96	02	0	008	112	0	0	9	0	0	51	114	000	0	0	13	05	95	05	4	043	86	0	0	9	0	0	69	79	—	—	0.0	—	0.9	—
	Kashmore	000	0	0	00	00	98	02	0	010	110	0	0	9	0	0	43	112	000	0	0	05	02	98	02	0	048	84	0	0	9	0	0	53	72	—	—	0.0	—	0.8	4
	Jacobabad	000	0	0	00	00	97	02	0	015	110	0	0	9	0	0	56	111	000	0	0	05	20	97	02	0	053	83	0	0	9	0	0	67	77	+ 8	+ 4	0.0	— 0.2	2.1	8
Sonmiani	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	HILL STATIONS																																								26
Kashmir	Srinagar	●	...																																						—
	Gulmarg	●●	...																																						71
	Sonamarg	●●	...																																						84
	Dras	●●	...																																						—
	Leh	●●	...																																						6
	Skardu	●	...																																						—
	Minar	●●	...																																						—
	Allabad	●	...																																						8
	Gilgit	●	...																																						89
Rawalpindi	Murree	●	...																																						10
Malakand	Drosh	●	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	465	65	0	0	9	0	0	56	65		—	0.5	—	5.3	29
Peshawar	Cherat	●	...	000	0	09	03	98	02	0	490	90	0	0	9	0	0	54	91	000	0	0	00	00	98	02	0	507	79	0	0	9	0	0	58	58	+ 17	— 0	0.5	— 1.7	6.0	—
	Kakul	●	...	000	0	6	13	05	97	01	2	449	88	0	0	9	0	5	49	88	000	0	4	31	02	97	01	1	508	75	4	0	3	3	1	47	73	—	—	0.7	—	15.9	—
	Landikotal	●	...	000	0	4	05	05	98	01	0	468	91	4	3	9	0	0	57	93	000	0	0	36	02	98	02	0	488	79	0	0	9	0	0	54	//	—	—	1.3	—	5.0	29
	Peshinar	●	...																																						19
	Miranshah	●	...	000	0	0	05	05	99	00	0	478	93	0	0	9	0	0	76	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						11
D.I. Khan	Wana	●	...																																						13
Quetta	Fort Sandeman	●	...	000	0	1	23	07	97	03	0	467	92	1	1	7	0	0	25	94	000	0	0	00	97	02	0	472	75	0	0	9	0	0	41	60	+ 12	+ 3	0.5	— 0.3	3.3	—
	Hindubagh	●	...	000	0	0	20	09	97	02	0	//	69	0	0	9	0	0	44	72	000	0	0	00	00	98	02	0	//	50	0	0	9	0	0	//	45	—	—	0.0	—	1.6	9
	Loralai	●	...	000	0	0	09	03	97	00	0	450	75	0	0	9	0	0	48	75	000	0	0	27	04	98	00	0	450	59	0	0	9	0	0	42	55	—	—	0.1	—	2.2	—
	Barkhan	●	...																																						14
	Harnai	●	...	000	0	0	31	02	96	02	0	466	100	0	0	9	0	0	39	102	080	0	0	31	01	96	02	0	477	83	0	0	9	0	0	36	74	—	—	0.0	— 0.7	3.8	9
	Sanungli (Quetta)	●	...	000	0	1	00	00	97	03	1	475	87	1	1	6	0	0	56	89	080	0	0	00	00	96	02	0	517	82	0	0	9	0	0	52	52	—	—	0.1	— 0.8	3.0	9
	Chaman	●	...	000	0	0	23	02	97	00	0	515	90	0	0	9	0	0	59	91	000	0	0	00	00	97	00	0	504	76	0	0	9	0	0	45	68	+ 10	+ 11	0.0	— 0.7	7.7	—
	Nushki	●	...	000	0	0	27	03	97	02	0	533	95	0	0	9	0	0	47	96	000	0	0	07	03	97	02	0	520	77	0	0	9	0	0	35	79	—	—	0.0	—	3.5	4
	Dalbandin	●	...	000	0	0	13	02	95	05	0	495	95	0	0	9	0	0	37	97	000	0	0	00	00	95	05	2	498	77	0	0	9	0	0	34	66	+ 4	+ 5	0.0	— 0.2	3.3	7
Kalat	Kalat	●	...	000	0	0	31	02	98	00	2	425	83	0	0	9	0	0	40	87	000	0	0	38	02	98	00	0	485	67	0	0	9	0	0	46	//	+ 13	— 15	0.0	— 0.5	3.0	—
	Khuzdar	●	...	000	0	0	00	00	97	02	0	461	92	0	0	9	0	0	41	97	000	0	0	00	00	98	02	0	481	76	0	0	9	0	0	58	73	—	—	0.0	—	2.1	5
	Panjgur	●	...	000	0	0	27	02	95	05	0	493	97	0	0	9	0	0	53	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 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 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 over 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 24th APRIL, 1970.

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
ARABAIN SEA														
Waripara	99 2 47	10 6 62	23 0 60	62 4 14	97 0 52	09 / 28	...	...						
Howra	99 2 04	10 6 27	13 0 63	02 7 08	98 0 20	09 8 30	13 1 04	08 4 24						
Shafcycne	99 1 13	10 5 84	23 0 63	20 2 09	98 0 20	19 8 31	22 4 00	13 2 03						
Dwaeka	99 2 48	10 6 59	23 1 83	02 4 10	99 0 20	07 3 27	00 9 00	63 2 16						

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	005 266 06	...	500 185 7/	140 086 56	584 063 59	755 193 58	962 353 57	237 509 //	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 240 55	...	400 194 32	112 114 //	586 000 //	761 085 //	979 211 //	...	...	...	...	...	...
Multan ...	00 00	990 250 66	...	450 201 70	139 004 //	576 201 //	736 291 //	...	...	...	...	...	...	...
Peshawar ...	00 00	965 238 61	...	450 24/ 65	139 124 65	585 069 //	755 201 //	961 865 //	238 411 //	...	...	...	...	...
Quetta ...	00 00	820 176 55	...	...	119 086 //	576 115 //	744 241 //	947 737 //	224 425 //	...	...	...	...	...
Sargodha ...	00 00	991 240 56	...	498 180 59	165 040 58	581 121 //	749 201 //	958 301 //	239 441 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 190 69	600 081 //	350 301 //	...	...	...	...	...	...	...	...	...
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
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	215 03	235 06	200 06	250 05	305 03	350 11	325 11	310 10	350 09
Bogra ...	195 10	190 07	195 07	295 10	300 14	310 23	...		...
Chaklala ...	...	120 08	145 08	185 04	195 06	120 03	125 07	120 03	155 13
Chhor ...	210 15	225 14	225 21	230 20	225 24	225 24	195 07	185 19	165 28
Chittagong ...	255 14	305 15	305 14	305 10	360 09	350 05	.	..	...
Cherat ...		...	...		...		...	...	...
Cox's Bazar ...	295 06	295 03	295 04	315 08	010 07	020 07	020 14	025 14	...
Dacca ...	170 08	170 05	170 04	220 05	240 07	235 11	250 13	280 13	300 13
Dalbandin ...	...	...	015 01	140 02	210 03	220 10	215 26	...	...
D. I. Khan ...	...	...	...	...	...	...	...	.	-
Drosh ...	...	...	...	220 03	085 03	205 04	...		
Fort Sandeman ...	..	...	...	240 09	230 12	250 08	220 18	145 22	255 22
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	220 01	220 14	310 15	310 15	...		...	...	...
Jacobabad ...	155 02	140 03	095 03	045 06	075 09	095 08	205 12	245 23	235 28
Jessore ...	195 08	195 10	195 11	205 05	210 07	290 10	230 13	305 08	020 14
Jhelum ...	155 02	160 09	155 11	165 10	185 05	140 07	240 12	250 22	245 29
Jiwani ...	245 17	250 21	250 19	245 08	255 03	305 07	205 24	190 29	190 38
Karachi ...	255 06	280 10	270 17	270 17	260 14	280 05	230 06	145 03	140 06
Khanpur ...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...		170 04	215 04	230 03	225 11	220 16	210 19
Lahore ...	170 03	145 03	145 02	145 04	170 03	260 03	260 14	265 19	265 18
Multan ...	100 14	150 11	150 09	160 05	215 04	315 06	250 11	275 21	275 28
Nawab Shah ...	190 09	205 06	205 07	205 07	270 10	225 07	210 13	190 18	195 20
Nokkundi ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...		...	...	...	...			
Peshawar ...	...	040 03	055 04	135 05	156 18	215 07	240 12	230 13	225 18
Parachinar ...	...	...	...	...				...	
Quetta ...	.		.	...	320 07	235 06	210 16	235 29	240 34
Sargodha ...	215 09	205 09	200 10	185 09	190 10	215 12	210 12	275 27	285 27
Skardu ...		...					...	...	...
Sylhet ...	335 09	330 09	305 09	280 12	280 16	305 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
Barisal ...	215 11	195 10	195 08	215 05	275 03	350 15
Bogra ...	190 13	190 13	210 13	225 14		..
Chaklala ...	...	115 02	125 12	140 06	140 04	190 03
Chhor ...	250 34	225 28	240 34	230 22	205 21	215 51
Chittagong ...	065 03	020 04	220 03	045 07	200 11	360 14
Cherat ...	.	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	...	...				
Dalbandin ...		...	235 07	130 03	185 07	215 12
D. I. Khan ...	078 05	060 06	060 06	160 03	195 03	230 06
Drosh ...	...	-	...	100 07	005 09	030 07
Fort Sandeman ...	...	-	...	100 05	010 05	030 07
Gilgit ...				...	..	...
Ishurdi ...	210 09	225 11	235 11	...		
Jacobabad ...	185 12	185 10	195 08	185 07	200 06	110 04
Jessore ...	190 16	200 07	205 12	220 10	210 08	220 10
Jhelum ...	170 04	195 07	195 07	210 04	270 05	260 09
Jiwani ...	260 15	265 21	265 21	285 11	260 14	...
Karachi ...	265 19	270 26	265 15	260 21	255 18	165 08
Khanpur ...	230 12	235 13	235 13	220 13	205 11	240 13
Khuzdar ...		...	...	260 04	225 05	230 06
Lahore ...	100 07	130 05	200 04	230 07	225 08	220 12
Multan ...	215 12	255 13	290 07	290 07	300 03	060 07
Nawab Shah ...	250 17	255 08	215 07	225 04	040 04	170 07
Nokkundi ...	...	-	-	-		
Panjgur ...	...					
Peshawar ...	...	015 03	025 02	025 04	205 08	230 11
Parachinar ...	...	...	...	..	085 10	335 01
Quetta ...	...					
Sargodha ...	125 01	125 03	125 05	200 05	200 05	125 06
Skardu ...						
Sylhet ...	130 03	110 03	230 06	220 06	240 11	300 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	5	26	27
Barisal ...	215 06	190 09	200 13	215 11	210 09	225 10	255 17	260 13	285 12	...	...
Bogra ...	164 09	115 12	115 13	220 15	225 16	240 16					
Chaklala ...	...	145 04	150 03	165 03	160 03	225 04	250 07	235 07	270 12	285 12	215 16
Chhor ...	255 27	245 33	/// //	315 32	225 44	205 69		-			-
Chittagong ...	220 04	205 03	235 02	280 10	275 04	285 05	355 03	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	.	115 03	245 07	255 12	200 07	180 21	...	...	...	...
D. I. Khan ...	...	...	-	...	...		...		..	...	...
Drosh ...	.	..	...	...					..	..	.
Fort Sandeman ...	...	...	..	...	075 03	080 03	150 09	165 20	205 26	230 31	230 48
Gilgit ...					...	...	.	...		...	
Ishurdi ...	185 06	190 12	220 16	230 17						...	
Jacobabad ...	100 03	145 03	145 03	135 02	130 04	125 11	075 12	010 10	255 11	...	...
Jessore ...	...		-	...	...	...	...	.	...	...	...
Jhelum ...										...	...
Jiwani ...	275 04	330 07	335 18	315 14	280 14	255 12	270 14	235 22	235 24	...	...
Karachi ...	265 12	270 18	265 19	265 18	265 09	190 17	160 15	175 24	165 25	...	
Khanpur ...	...	...	...	...						...	
Khuzdar ...	...			...	210 01	135 10	190 21	185 12	175 24	205 29	235 40
Lahore ...	100 06	155 06	150 04	210 03	250 03	170 03	130 09				...
Multan ...	225 02	235 07	230 06	240 04	210 03	170 09	190 14	235 23	250 19	226 23	230 28
Nawab Shah ...	220 12	240 08	225 15	210 07	190 14	200 11	175 19	160 23	180 32	...	..
Nokkundi ...	...	...	..	...	...	...	...		...		..
Panjgur ...	.	...			...		...				-
Peshawar ...	...	030 03	010 04	005 03	150 01	195 11	255 10	250 17	250 27	245 37	245 56
Parachinar ...	...	...	.	...	165 03	215 06	240 12	225 17	240 27	235 38	245 40
Quetta ...	...			...	180 07	185 08	180 18	190 30	185 31	195 43	...
Sargodha ...	070 04	115 06	115 06	100 10	060 04	050 05	315 07	245 10	205 05	170 08	...
Skardu ...									...	..	-
Sylhet ...	325 01	270 03	240 03	225 08	240 17	275 24	315 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 ...	265 19	270 26	265 15	260 22	255 18	165 21	185 22	165 21	165 23	175 28	195 38	250 37	195 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

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

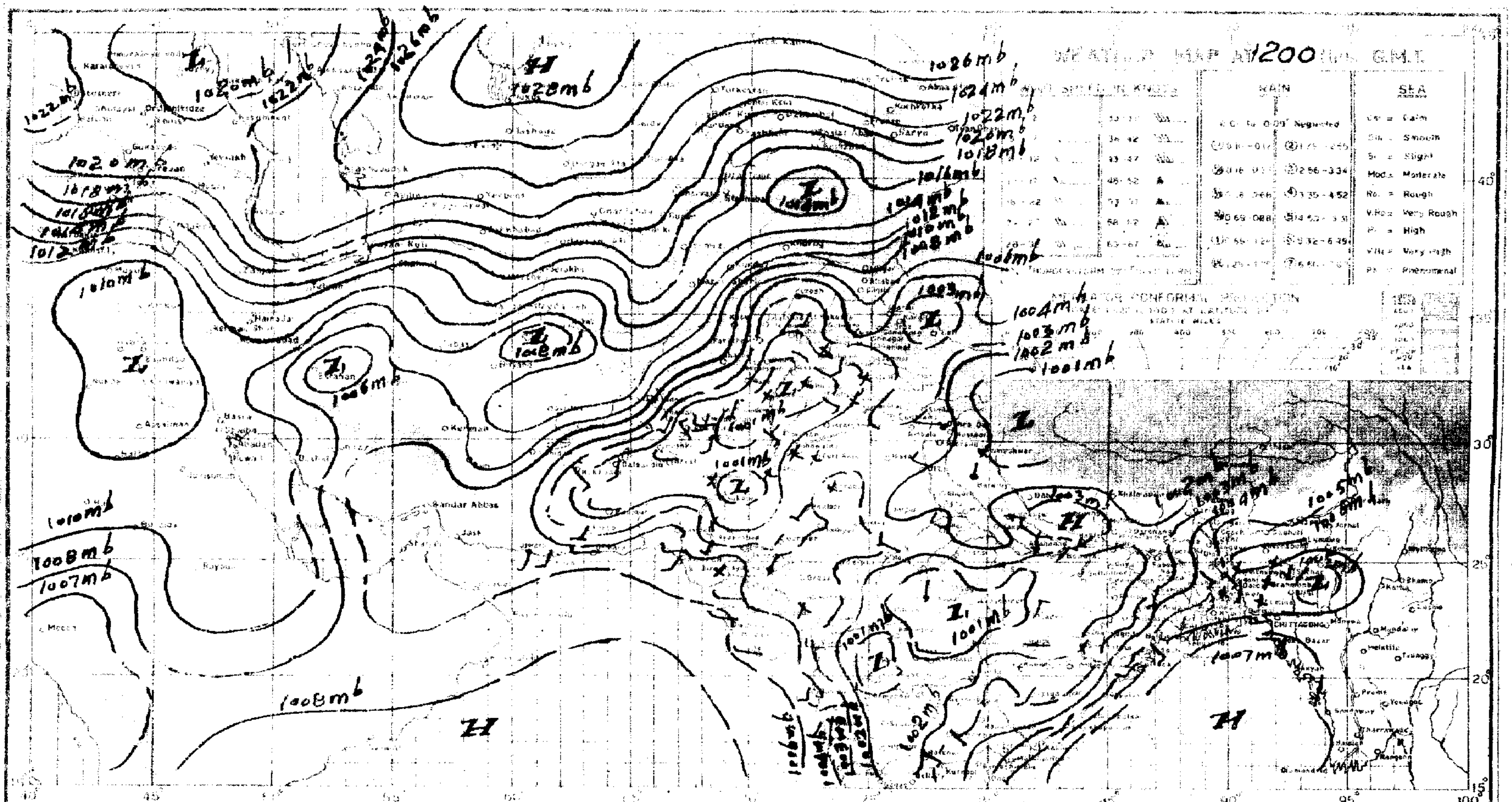
* The actual time of observations may vary within half an hour of the specified time.

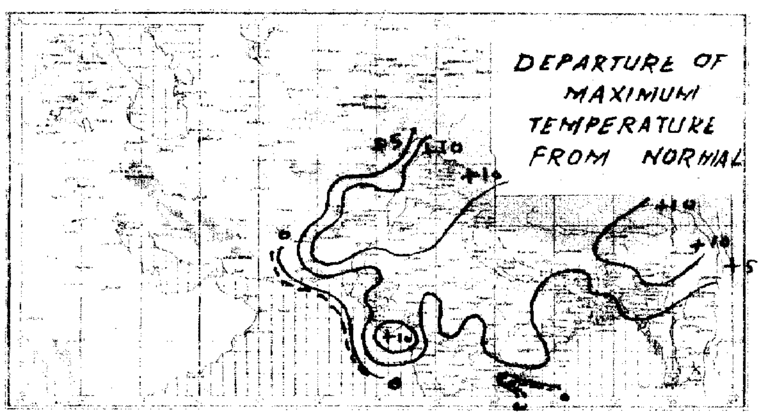
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "fff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted

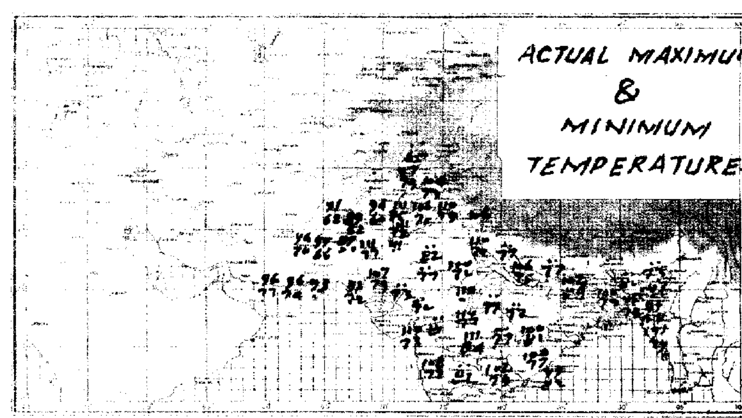
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre / Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

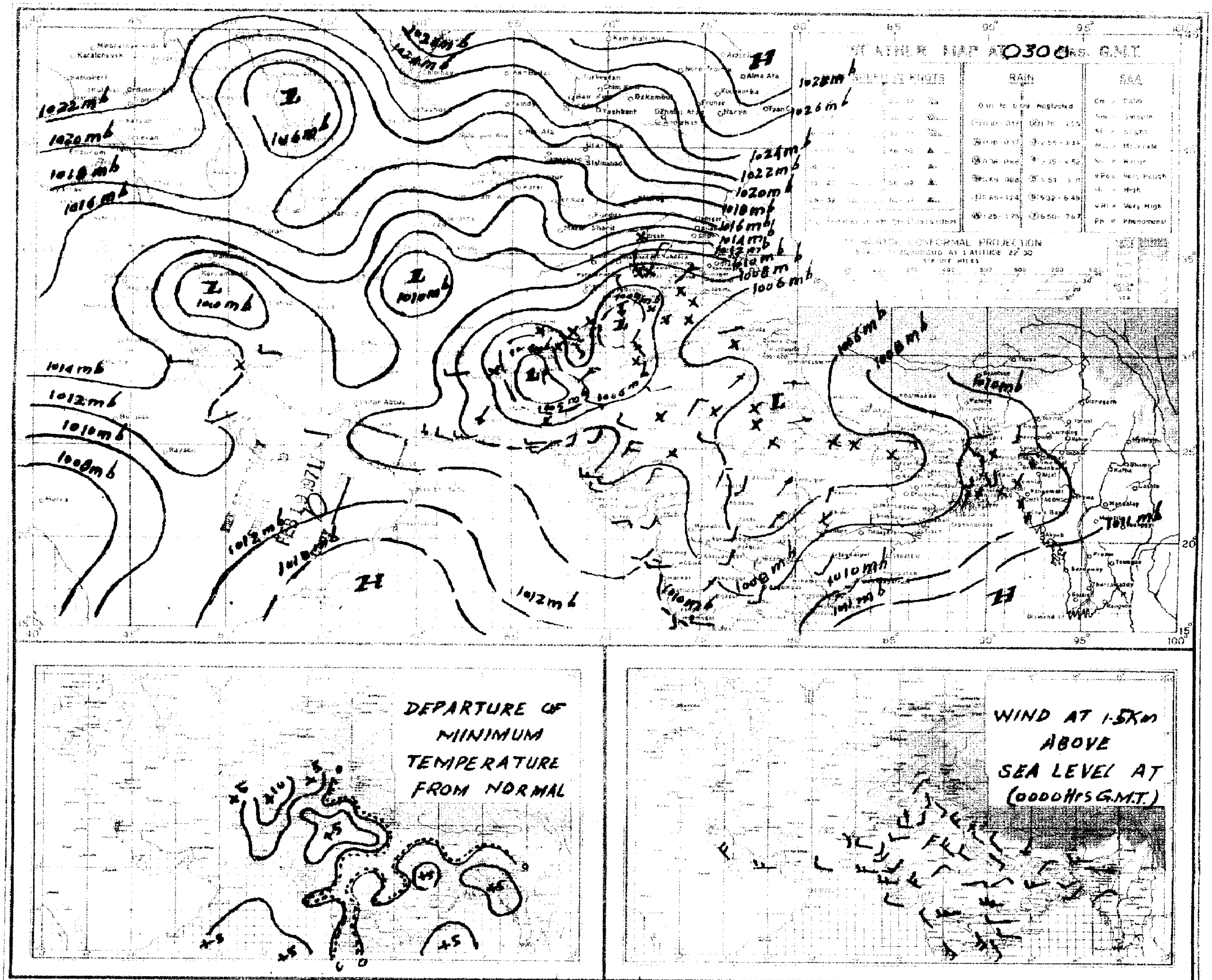
THURSDAY 23 rd APRIL 1970







PAKISTAN DAILY WEATHER MAP
FRIDAY 24th APRIL 1970



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Volume No. 24

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th APRIL, 1970.

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

Yesterday's western disturbance over northern divisions of West Pakistan moved away eastwards.
The western disturbance over East Iran now lies over Afghanistan and adjoining Peshawar division.
Its secondary now lies over Quetta division and adjoining areas. A few thunderstorm have occurred in Peshawar division.
The seasonal trough of low pressure extends over Chota Nagpur and West Bengal. Weather remained dry elsewhere in the country.
Day temperatures were 9—16 °F (5—9 °C) above normal in Lahore, Rawalpindi, Sargodha, Multan Bahawalpur, Malakand, Peshawar, D. I. Khan, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in East Pakistan, Karachi and Hyderabad divisions.

Forecast valid until the evening of 26th April, 1970 :— Scattered thunderstorm/showers are ilkely to occur in East Pakistan, Malakand, Peshawar, D. I. Khan, and Rawalpindi divisions and in Kashmir. A few dust/thunderstorm are also likely to occur in Lahore, Sargodha, Quetta and Multan divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Earth Quake Report :—Seismograph of geophysecal centre Quetta recorded an earth quake of moderate intensity on 23rd April 1970 at 1400 hours 08 minutes (WPST). The epicentre lies about 1800 miles northwest of Quetta near central Turkey. Another earth quake of moderate intensity was recorded on 23rd April 1970 at 23 hours 04 minutes (WPST). The epicentre lies about 550 miles northeast of Quetta near Hindu Kush Mountain.

Karachi-11
The 25th April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	0	23	02	96	04	0	063	90	0	0	9	0	0	77	99
	Cox's Bazar	000	0	0	00	00	95	01	0	065	86	0	0	9	0	0	75	91
	Chittagong	000	0	3	23	06	96	02	0	063	87	3	4	4	0	0	77	91
	Maijdee Court	...	...	...	...	...	...	...	...	—	...	—	...	...	...	...	...	...
	Comilla	000	0	0	00	00	99	02	0	051	90	0	0	9	0	0	70	95
	Brahmanbaria	000	0	3	18	02	97	03	1	048	90	3	0	9	7	0	75	95
	Sylhet	000	0	0	00	00	96	01	0	041	90	0	0	9	0	0	72	94
	Srimangal	000	0	0	31	02	96	02	0	048	91	0	0	9	0	0	77	96
Dacca	Mymensingh	000	0	0	08	02	97	00	0	040	94	0	0	9	8	0	64	99
	Narayanganj	000	0	8	23	02	95	02	1	041	91	8	6	4	0	0	81	94
	Dacca (Tejgaon)	000	0	1	18	05	97	03	0	037	91	1	0	9	3	0	77	96
	Faridpur	000	0	1	20	07	96	01	0	036	94	1	0	9	0	6	69	99
Khulna	Barisal	000	0	0	00	00	97	02	0	050	90	0	0	9	0	0	75	94
	Khulna	000	0	0	08	01	97	00	0	069	//	0	0	9	0	0	73	99
	Satkhira	000	0	0	00	00	97	00	0	042	91	0	0	9	0	0	73	100
	Jessore	000	0	3	18	08	96	02	0	034	94	3	0	9	3	0	64	100
Rajshahi	Pabna	000	0	3	13	05	98	02	0	023	96	0	0	9	0	8	65	100
	Sirajganj	000	0	0	18	03	98	00	0	029	84	0	0	9	0	0	73	94
	Rajshahi	000	0	6	18	03	96	02	0	029	99	0	0	9	1	1	62	104
	Bogra	000	0	3	13	02	96	03	0	023	96	3	5	5	3	0	65	100
	Dinajpur	000	0	3	09	02	96	01	0	032	96	3	0	9	4	0	73	87
	Rangpur	000	0	4	23	05	96	03	0	066	84	4	0	9	1	0	72	99
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	06	0	008	107	0	0	9	0	0	33	110
	Sialkot	...	...	...	...	...	...	...	...	—	...	...	—	...	—	...	...	...
Rawalpindi	Jhelum	000	0	1	31	03	97	01	0	006	106	0	0	9	0	1	44	110
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	0	00	00	98	00	0	011	104	0	0	9	0	0	65	107
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	06	0	009	108	0	0	9	0	0	76	110
	Sargodha	000	0	0	13	03	95	06	0	010	107	0	0	9	0	0	47	109
	Lyallpur	000	0	0	00	00	97	00	0	009	103	0	0	9	0	0	57	110
Multan	Sahiwal																	
	Multan	000	0	0	09	02	97	02	0	004	110	0	0	9	0	0	53	112
	Leiah	000	0	0	36	02	95	00	0	031	106	0	0	9	0	0	56	107
Bahawalpur	Khanpur	000	0	0	18	03	97	02	0	014	100	0	0	9	0	0	39	104
	Bahawalpur	000	0	0	00	00	96	00	0	017	108	0	0	9	0	0	62	112
	Fort Abbas	000	0	0	27	02	98	00	0	010	110	0	0	9	0	0	75	110
Malakand	Chakdra	000	0	3	23	03	98	02	1	013	97	0	0	9	0	0	64	99
Peshawar	Peshawar	000	0	2	05	03	96	05	0	019	97	1	3	6	0	2	67	100
	Haripur	000	8	6	23	03	97	01	2	046	97	6	0	9	0	5	48	98
D. I. Khan	Bannu	000	0	3	13	03	99	02	1	008	94	3	2	7	0	0	54	//
	D. I. Khan	000	0	0	00	00	97	02	0	002	106	0	0	9	0	0	56	111
Quetta	Sibi	000	0	0	18	03	97	02	0	005	114	0	0	9	0	0	68	115
	Nokkundi	000	0	0	18	05	96	02	0	000	98	0	0	9	0	0	41	100
Kalat	Turbat	000	0	0	31	04	98	00	0	066	106	0	0	9	0	0	56	107
	Jiwani	000	0	0	23	09	96	02	0	057	89	0	0	9	0	0	73	94
	Pasni	000	0	0	25	16	97	02	0	060	88	0	0	9	0	0	77	91
Karachi division	Ormara	000	0	1	27	17	96	02	2	055	92	1	6	6	0	0	70	98
	Lasbela																	
	Karachi (Manora)	000	0	0	27	07	97	02	0	053	95	0	0	9	0	0	79	87
	Karachi (Airport)	000	0	0	23	10	96	02	0	049	90	0	0	9	0	0	72	99
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	068	104	0	0	9	0	0	//	112
	Chhor	000	0	0	23	14	96	02	0	030	104	0	0	9	0	0	50	100
	Hyderabad	000	0	0	23	09	97	02	0	032	105	0	0	9	0	0	42	107
	Badin	000	0	0	13	14	97	02	0	056	104	0	0	9	0	0	58	107
Khairpur	Padidan	000	0	0	13	07	97	02	0	011	109	0	0	9	0	0	41	111
	Nawabshah	000	0	0	23	10	96	02	0	019	108	0	0	9	0	0	42	111
	Sukkur	000	6	0	13	02	96	02	0	006	111	0	0	9	0	0	60	112
	Kashmore	000	0	0	23	02	98	02	0	018	107	0	0	9	0	0	53	109
	Jacobabad	000	0	0	23	03	97	02	0	003	90	0	0	9	0	0	74	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	2	5	00	00	98	01	9	486	83	4	8	7	6	0	55	88
Peshawar	Cherat *	000	0	0	18	03	98	02	0	459	91	0	0	9	0	0	43	93
	Kakul *	000	0	4	31	03	98	03	1	484	89	3	5	6	0	1	45	89
	Landikotal *	000	0	0	05	05	98	02	0	455	91	0	0	9	0	0	43	94
	Parachinar *	000	0	7	36	09	98	17	9	481	77	6	9	6	2	0	54	85
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	485	97	0	0	9	0	0	79	99
	Wana *	000	0	0	00	00	99	00	0	456	66	0	0	9	0	0	54	80
Quetta	Fort Sandeman *	000	0	2	20	16	97	03	0	458	93	2	1	7	0	0	20	95
	Hindubagh *	000	0	0	23	05	97	02	0	///	69	0	0	9	0	0	00	71
	Loralai *	000	0	0	09	06	98	00	0	440	76	0	0	9	0	0	60	80
	Barkhan *																	
	Harnai *	000	0	0	31	01	96	02	0	452	99	0	0	9	0	0	45	102
	Samungli (Quetta) *	000	0	5	23	09	96	03	0	447	85	6	4	6	0	0	36	90
	Chaman *	000	0	0	00	00	97	00	0	525	91	0	0	9	0	0	39	94
	Nushki *	000	0	0	23	02	97	02	0	511	94	0	0	9	0	0	46	95
	Dalbandin *	000	0	0	23	03	94	05	0	476	97	0	0	9	0	0	35	98
Kalat	Kalat *	000	0	0	36	02	98	00	2	444	79	0	0	9	0	0	54	87
	Khuzdar *	000	0	6	13	07	97	02	0	455	94	6	5	6	0	0	51	96
	Panjgur *																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total 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: Maximum temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st April, 1970 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1970 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	2	31	02	98	03	0	116	87	2	4	6	0	0	[illegible]	79	—	—	1.0	—	[illegible]	
	Cox's Bazar	000	0	6	18	05	96	03	2	105	87	4	7	5	3	0	77	75	+ 2	+ 1	0.2	— 2.5	0.5	140
	Chittagong	000	0	5	13	02	96	03	1	109	86	5	4	4	0	0	79	79	+ 2	+ 6	5.4	+ 1.5	5.9	109
	Maijdee Court	000	9	6	18	02	96	03	2	098	84	4	2	5	2	0	77	81		+ 5	7.8	+ 4.2	11.5	115
	Comilla	000	0	6	08	05	96	02	2	105	84	6	4	7	0	0	81	77	+ 4	+ 4	3.5	— 0.8	6.6	94
	Brahmanbaria	000	0	6	18	02	97	03	2	095	84	6	5	5	0	0	77	86	—	—	3.9	— 1.5	6.8	78
	Sylhet	000	0	6	00	00	96	01	0	109	83	5	4	5	3	0	75	77	—	—	14.5		21.9	—
	Srimangal	000	0	5	36	05	96	02	0	102	84	3	8	5	5	0	77	75	+ 5	+ 6	3.4	+ 4.4	6.5	98
Dacca	Mymensingh	000	0	6	13	02	97	02	1	103	87	6	5	5	0	0	[illegible]	79	+ 10	+ 7	0.2	— 4.0	2.4	91
	Narayanganj	000	0	8	23	02	97	02	2	102	86	8	6	4	0	0	81	81	+ 3	+ 7	6.0	+ 2.0	9.9	74
	Dacca (Tejgaon)	000	0	7	23	05	97	02	2	101	84	[illegible]	6	3	4	0	77	81	—	—	1.9	—	4.5	—
	Faridpur	000	0	6	20	07	97	02	0	082	84	4	4	5	1	0	75	79	+ 7	+ 6	2.6	— 0.9	4.9	71
Khulna	Barisal	000	0	7	21	04	96	02	2	100	84	5	4	4	4	0	79	79	+ 3	+ 4	3.5	+ 0.5	4.8	81
	Khulna	000	0	0	00	00	97	00	0	089	86	0	0	9	0	0	79	81	+ 6	+ 6	4.0	+ 1.8	7.9	68
	Satkhira	000	0	6	18	03	97	00	0	///	90	0	5	5	0	0	77	83	+ 5	+ 7	1.4	— 0.9	5.1	65
	Jessore	000	0	5	18	10	97	02	2	088	87	3	6	3	3	0	77	79	—		4.0	+ 1.5	7.8	65
Rajshahi	Pabna	000	0	3	13	05	98	03	1	088	84	3	0	9	3	8	68	81	—		1.6	—	4.7	59
	Sirajganj	000	0	6	18	03	98	01	1	094	84	4	2	6	0	0	79	79	+ 1	+ 6	0.1	— 2.3	2.1	64
	Rajshahi	000	0	4	18	02	96	02	0	083	79	2	4	6	3	0	73	81	+ 8	+ 7	0.1	— 1.2	2.1	—
	Bogra	000	0	6	13	02	96	02	2	084	81	6	6	5	0	0	77	79	+ 6	+ 7	1.9	+ 0.1	3.4	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					73
	Rangpur	000	0	2	13	05	96	01	1	099	87	2	0	9	1	0	77	73	+ 8	+ 2	0.1	— 1.9	1.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	00	0	038	93	0	0	9	0	0	47	73	+ 12	+ 5	0.0	— 0.5	2.0	19
	Sialkot	000	0	0	00	00	97	00	0	040	75	0	0	9	0	0	46	//		—	0.0	— 0.8	1.8	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	043	83	0	0	9	0	0	30	72	—	—	0.2	—	4.6	—
	Islamabad	000	0	0	00	00	96	05	0	///	85	0	0	9	0	0	50	76		—	0.7	—	9.2	—
	Rawalpindi	000	0	0	00	00	98	00	0	048	83	0	0	9	0	0	58	71	+ 17	+ 10	0.7	— 1.0	9.2	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	031	90	0	0	9	0	0	72	//	+ 14	—	0.0	— 0.8	1.8	15
	Sargodha	000	0	0	00	00	95	06	0	034	82	0	0	9	0	0	47	70	—		0.0	—	1.7	—
	Lyallpur	000	0	0	00	00	98	00	0	036	82	0	0	9	0	0	63	70	+ 14	+ 4	0.1	— 0.3	1.3	13
Multan	Sahiwal																							10
	Multan	000	0	0	18	07	97	02	0	078	84	0	0	9	0	0	49	76	+ 14	+ 6	0.1	— 0.2	0.9	7
	Leiah	000	0	0	36	02	93	00	0	051	84	0	0	9	0	0	63	72	—		0.0	—	0.0	8
Bahawalpur	Khanpur	000	0	0	18	05	96	02	0	039	82	0	0	9	0	0	59	71	+ 1	+ 2	0.3	— 0.1	2.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	041	86	0	0	9	0	0	30	76	+ 12	+ 7	0.0	— 0.2	1.4	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
Malakand	Chakdra	000	0	0	05	05	97	02	0	050	75	0	0	9	0	0	58	64	—	—	0.9	—	7.2	—
Peshawar	Peshawar	000	0	0	00	00	96	04	0	049	65	0	0	9	0	0	21	73	+ 12	—	0.7	— 0.8	4.0	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
D. I. Khan	Bannu	000	0	3	27	02	99	01	1	037	//	3	2	7	0	0	26	88	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	0	36	02	97	01	0	036	83	0	0	9	0	0	30	77	+ 15	+ 9	0.1	— 0.5	7.8	9
Quetta	Sibi	000	0	0	13	03	97	02	0	033	84	0	0	9	0	0	52	83	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	31	05	97	02	0	059	81	0	0	9	0	0	50	71	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	05	02	97	02	0	//	85	0	0	9	0	0	65	78	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	27	02	96	02	0	081	83	0	0	9	0	0	72	78	—	—	0.0	—	0.3	5
	Pasni	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	+ 1					6
Karachi division	Ormara	000	0	0	27	09	96	02	0	063	83	0	0	9	0	0	76	77	—	—	0.0	— 0.6	2.9	8
	Lasbela																							8
	Karachi (Manora)	000	0	0	27	05	96	01	0	076	82	0	0	9	0	0	79	80	+ 1	+ 5	0.0	— 0.7	1.1	8
	Karachi (Airport)	000	0	1	23	03	94	02	0	072	88	1	6	5	0	0	76	75	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	0	23	16	96	02	0	055	93	0	0	9	0	8	71	//	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	23	03	97	02	0	063	83	0	0	9	0	0	72	79	+ 3	+ 5	0.2	+ 1.2	1.3	9
	Badin	000	0	4	23	03	97	03	0	075	79	0	0	9	0	4	73	77	+ 4	+ 3	0.0	0.0	0.1	—
Khairpur	Padidan	000	0	0	13	08	96	02	0	033	88	0	0	9	0	0	59	78	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	18	10	96	02	0	046	87	0	0	9	0	0	69	79	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	05	97	02	0	025	83	0	0	9	0	0	68	78	—	—	0.0	—	0.9	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	0	09	05	96	02	0	019	85	0	0	9	0	0	69	78	—	+ 5	0.0	— 0.2	2.1	10
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							39
Rawalpindi	Murree *																							18
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 16					39
Peshawar	Cherat *	000	0	0	36	21	98	02	0	487	77	0	0	9	0	0	43	73	+ 19	+ 15	0.5	— 1.8	6.0	—
	Kakul *	000	0	0	31	02	98	02	0	485	77	0	0	9	0	0	30	65	—	—	0.7	—	15.9	—
	Landikotal *	000	0	0	36	02	98	02	0	475	76	0	0	9	0	0	48	58	—	—	1.3	—	5.0	19
	Parachinar *	000	9	6	34	02	97	03	2	493	69	4	8	6	6	0	//	58	+ 15	— 9	0.4	—	5.5	13
D. I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Wana *	000	0	0	13	04	98	00	0	472	85	0	0	9	0	0	18	77	—	—	0.0	—	4.5	13
Quetta	Fort Sandeman *	000	0	0	23	02	97	02	0	469	75	0	0	9	0	0	41	68	+ 13	+ 11	0.5	— 0.3	3.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	///	54	0	0	9	0	0	//	42	—	—	0.0	—	1.6	9
	Loralai *	000	0	0	18	02	98	00	0	455	//	0	0	9	0	0	41	60	—	—	0.1	—	2.2	—
	Barkhan *																							14
	Harnai *	000	0	0	31	02	96	02	0	454	84	0	0	9	0	0	47	75	—	—	0.0	— 0.7	3.8	9
	Samungli (Quetta) *	000	0	3	00	00	96	01	0	492	47	2	2	6	7	0	44	56	—	—	0.1	— 0.8	3.0	9
	Chaman *	000	0	0	00	00	97	00	0	488	74	0	0	9	0	0	39	68	+ 13	+ 11	0.0	— 0.7	7.7	—
	Nushki *	000	0	0	00	00	97	02	0	539	80	0	0	9	0	0	35	76	—	—	0.0	—	3.5	4
	Dalbandin *	000	0	1	00	00	95	05	3	494	80	0	0	9	2	0	42	70	+ 5	+ 9	0.0	— 0.2	3.3	7
Kalat	Kalat *	000	0	0	18	02	98	00	2	473	61	0	0	9	0	0	43	35	+ 12	— 10	0.0	— 0.5	3.0	—
	Khuzdar *	000	0	0	31	02	98	02	0	479	79	0	0	9	0	0	49	76	—	—	0.0	—	2.6	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 888 see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th APRIL, 1970.

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	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Dawarka	99 2 48	10 6 45	23 0 03	42 3 07	98 0 20	06 0 28	05 4 20	63 3 00						
Howlra	99 2 46	10 6 67	24 0 63	02 4 12	98 0 20	09 2 30	00 9 00	13 1 //						
Shaftyne	99 1 59	10 6 10	24 0 63	00 0 00	98 0 20	12 1 29	00 9 00	13 2 15						
Karanja	99 2 24	10 6 42	24 1 23	01 9 10	98 0 20	09 5 28	00 9 00	44 5 05						

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong														
Dacca	00 00	006 274 16	...	435 210 59	132 092 57	580 079 58	753 185 60	963 297 59	241 477 //	25/ 611 //	...	—	...	...
Gilgit														
Jiwani														
Karachi	00 00	004 250 16	...	450 170 43	872 090 //	580 011 //	754 101 //	981 221 //	...	...	—	—	—	—
Multan														
Peshawar	00 00	965 222 59	...	400 218 62	112 130 61	584 045 //	756 149 //	968 281 //	251 399 //	434 465 //	...	...	...	...
Quetta	00 00	MISDA	...	...						...	...	...	...	...
Sargodha	00 00	989 260 56	...	...	195 084 56	586 121 //	753 231 //	960 311 //	241 431 //	...	...	—	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong													
Dacca	00 00	800 174 58	600 009 02	350 237 59	...	...	...	...	...	—	—	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	—	—	—	—	...	...	...	...
Multan													
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	175 10	235 14	235 18	200 10	170 04	245 09	265 10	260 07	265 10
Bogra	170 14	170 15	175 13	260 17	280 21	250 10	265 19		...
Chaklala	...	260 03	220 02	020 04	235 07	185 02	280 19	280 02	
Chhor	325 15	215 08	225 11	215 16	215 15	235 26			
Chittagong	175 09	260 10	255 07	240 10	335 07	035 10	290 15	330 07	265 09
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar									
Dacca	175 07	175 15	175 17	175 17	200 14	220 23	250 14	260 14	265 15
Dalbandin	...		245 06	220 09	310 07	180 11			
D. I. Khan	125 03	115 04	115 06	140 10	180 09	185 10	150 10	250 11	245 14
Drosh	...	...	...	050 04	035 07	105 04	075 10		...
Fort Sandeman	...	...	...	175 21	220 29	220 33	260 19	230 23	...
Gilgit	...	...	...	...	...	...	...	...	...
Ishurdi									
Jacobabad	170 08	185 07	185 04	145 02	185 02	190 06	175 10	185 25	190 26
Jessore	175 21	175 15	185 20	175 15	225 10	260 20	260 10	260 10	260 15
Jhelum	220 10	220 10	260 06	295 03	310 05	220 07	015 13	340 11	260 21
Jiwani	225 10	230 09	250 09	260 12	270 14	260 15	280 19	260 23	250 21
Karachi	265 19	265 21	265 21	265 17	245 15	235 25	190 19	250 16	175 23
Khanpur	200 04	210 04	220 02	210 03	195 04	215 08	240 11	235 11	255 13
Khuzdar				220 03	200 08				
Lahore	235 06	225 04	225 04	225 03	260 01	060 02	080 03	045 06	055 04
Multan	125 05	115 03	115 04	165 10	165 10	215 05	225 15	251 26	215 21
Nawab Shah	215 14	230 11	235 10	240 15	230 17	200 07	170 24	180 31	200 32
Nokkundi	...	...	...	...	...	...	...	...	...
Panjgur	...								
Peshawar	...	050 07	095 07	145 10	170 13	180 11	195 15	235 15	230 23
Parachinar	...	...	...	...	260 03	170 03			
Quetta	...	...	...	...	250 10	250 08	325 04	275 04	265 14
Sargodha	...	...	...	...	...	...	...	...	...
Skardu									
Sylhet	075 07	080 02	260 07	250 15	260 15	280 14	260 30	265 14	265 20
Veraval	...	...	...	...	...			...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal	195 17	200 13	200 11	190 12	180 04	300 07
Bogra	150 11	185 15	200 16	195 18	...	—
Chaklala					...	...
Chhor	240 30	245 40	245 50	255 49	...	...
Chittagong	...		...			
Cherat		...	...	...	...	...
Cox's Bazar	...		...			—
Dacca	185 15	200 17	190 17	/// //	190 07	...
Dalbandin			280 01	275 06	245 08	255 05
D. I. Khan	160 04	170 03	175 03	210 03	270 05	315 05
Drosh	...	...	...		...	
Fort Sandeman	...	...	...	245 02	235 05	215 13
Gilgit				275 02	125 02	130 05
Ishurdi	195 35					
Jacobabad	185 13	175 08	175 07	175 06	200 03	295 04
Jessore	205 15	205 23	200 23	200 18	215 12	250 10
Jhelum	350 05	340 05	060 02	035 04	155 02	180 07
Jiwani	280 21	275 23	270 21	285 17	265 21	...
Karachi	265 19	270 27	270 29	270 25	265 19	270 16
Khanpur	200 07	200 09	200 09	230 10	250 10	245 11
Khuzdar				265 12	275 12	295 19
Lahore	035 04	015 01	270 02	240 02	190 02	190 06
Multan	235 23	215 12	200 11	180 06	210 12	210 15
Nawab Shah	260 16	280 21	280 35	265 14	275 10	295 01
Nokkundi	...	...	...			
Panjgur	...					
Peshawar	...	275 05	360 05	230 09	230 08	075 07
Parachinar	...	...	...	...	180 04	255 06
Quetta	...				210 06	200 13
Sargodha	009 01	020 06	130 08	175 07	150 07	120 12
Skardu	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...
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	190 10	185 13	205 12	215 20	...		...	...	...	...	...
Bogra	155 18	175 09	175 13	205 20	215 18	230 23					...
Chaklala	...	140 02	130 06	155 06	160 04	155 05	210 15	215 19	225 24	260 31	...
Chhor											...
Chittagong	200 05	195 08	190 09	195 06	195 08	200 09	175 14	...	...	...	...
Cherat											
Cox's Bazar	230 13	230 12	230 12	200 12	200 06	120 07	115 02	320 06	020 12	080 12	100 14
Dacca	180 08	175 14	200 16	210 19	210 17	235 13	270 10	280 07	310 06		...
Dalbandin	...		250 16	235 17	235 21	225 26	200 28	195 39	210 54	200 51	...
D. I. Khan	...	...	...	...	...	...	...		...	...	...
Drosh		...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	
Gilgit						...	...	...	...	...	...
Ishurdi	180 15	180 13	205 17	220 19	225 39					...	...
Jacobabad	140 02	175 07	175 07	265 04	280 03	265 04	245 25	245 25	...	...	...
Jessore	185 15	185 19	175 19	200 23	215 17	230 13	...				
Jhelum	190 06	170 10	190 11	210 12	165 09	135 09	180 01	190 23	190 25	210 17	210 46
Jiwani	270 12	295 14	295 14	235 17	230 22	250 11	235 36	230 30	...	...	...
Karachi	265 09	280 14	280 21	290 17	245 21	225 22	240 25	245 24	240 28		
Khanpur	230 12	220 11	205 12	205 19	210 21	215 16	270 20	250 21	280 17	240 21	245 27
Khuzdar				285 09	285 11	260 12	200 20	215 18	230 19	225 36	225 33
Lahore	095 03	145 07	180 08	205 08	205 11	220 06	220 10	210 12	215 16	210 21	195 21
Multan									...	...	...
Nawab Shah	250 12	280 17	270 17	260 13	250 13	235 25	230 29	215 38			...
Nokkundi	...	...		...	...	...	...		...	...	...
Panjgur											
Peshawar	...	040 04	320 05	330 08	111 13	170 16	165 16	195 27	200 29	210 31	225 57
Parachinar	...	...		...		...	...	...	...	...	...
Quetta					300 05	045 10		...	...	...	...
Sargodha	085 08	100 08	130 11	160 11	165 13	180 13	355 27		...		...
Skardu											
Sylhet	250 02	215 07	190 07	195 10	235 16	255 21	...	...		...	...
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	265 19	270 27	270 29	270 25	265 19	270 16	205 39	205 35	205 38	185 56	205 64	...	...	...	...	...	...	...
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

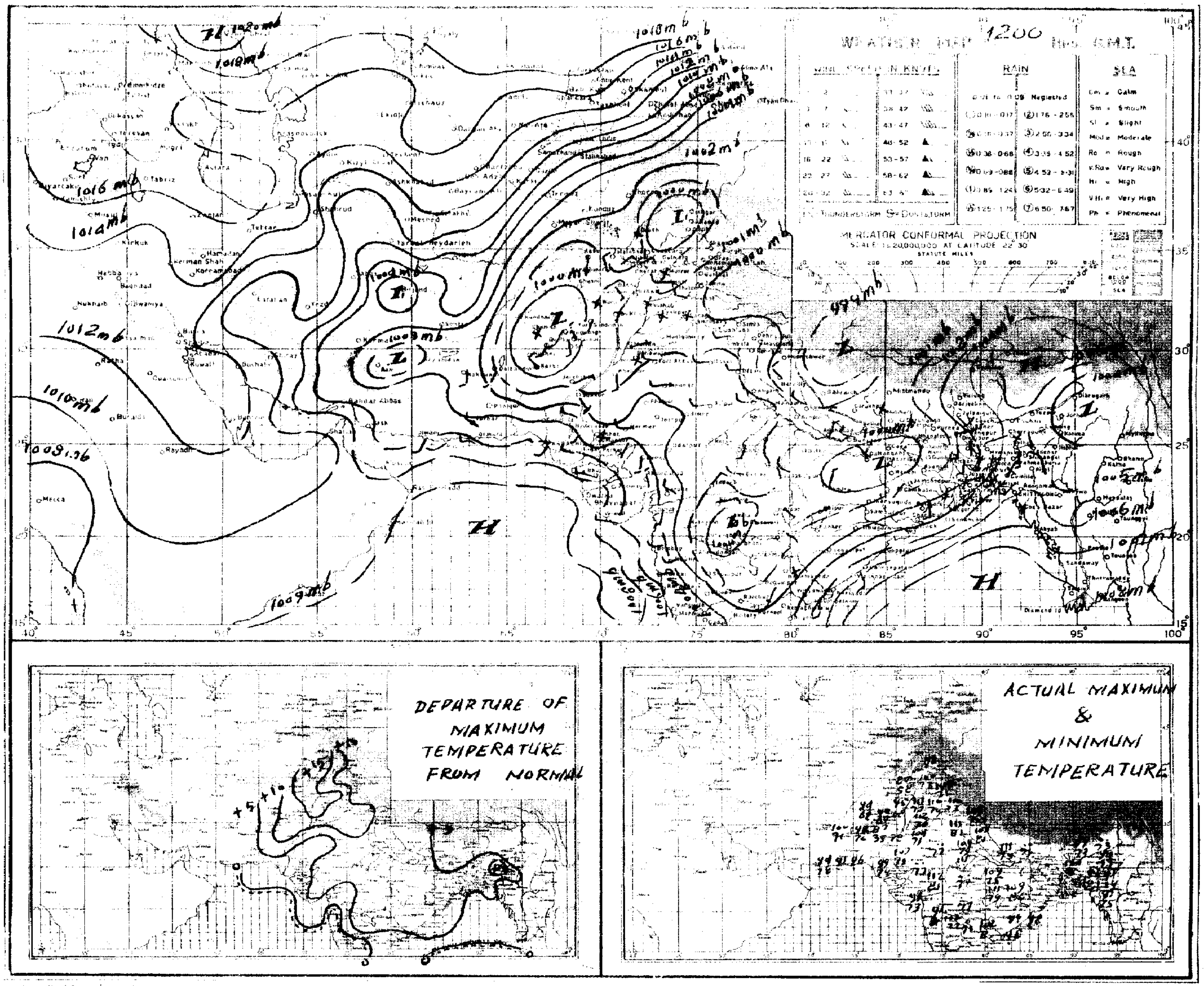
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

* 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 "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

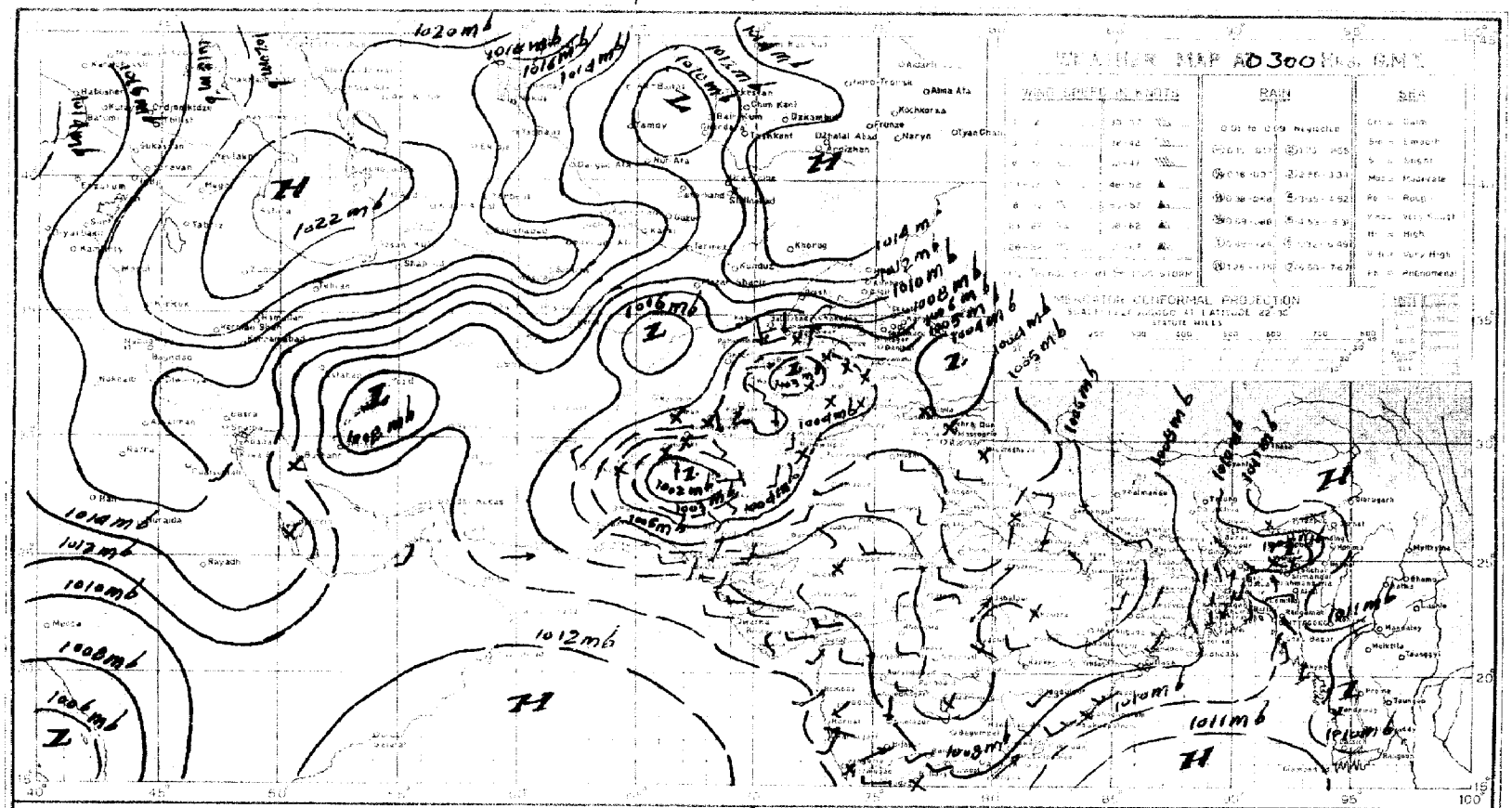
PAKISTAN DAILY WEATHER MAP

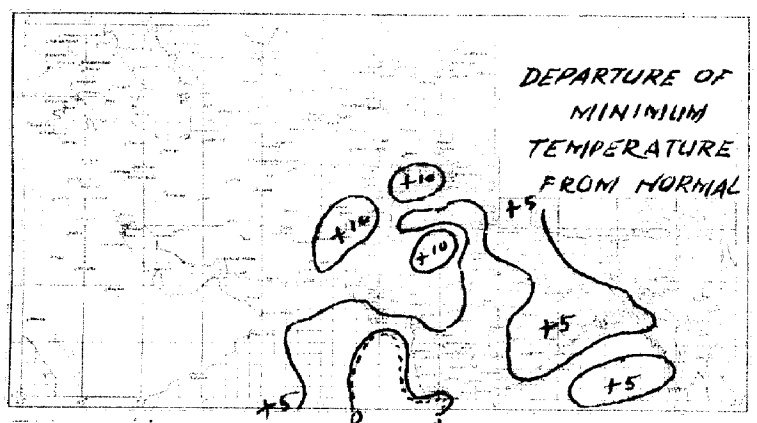
FRIDAY 24th APRIL 1970

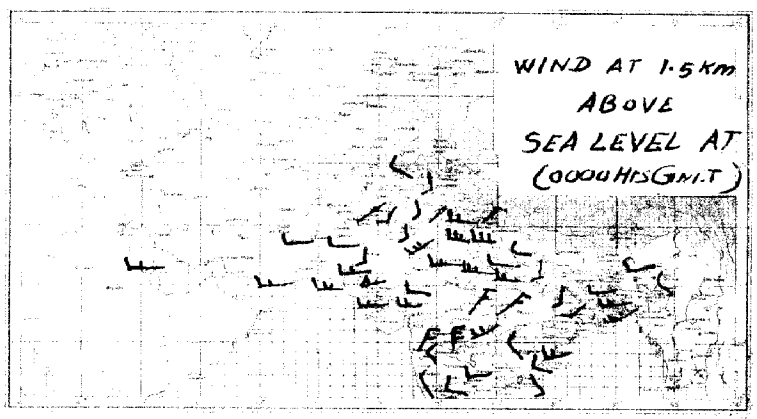


PAKISTAN DAILY WEATHER MAP

SATURDAY 25th APRIL 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

SUNDAY THE 26th APRIL, 1970.

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

Yesterday's western disturbance over Peshawar division and adjoining areas is now moving across northeast Afghanistan. Its secondary lies over Quetta and D. I.-Khan divisions. Another western disturbance is moving across East Russain Turkistan. Its secondary lies over northern divisions of West Pakistan. A few thunderstorms/light showers have occurred in Peshawar, Sargodha and Multan divisions.

The seasonal trough of low pressure over Chota Nagpur and adjoining West Bengal persists. Scattered rain/thundershowers have occurred in Rajshahi division and a few falls of light rain in Khulna division.

Day temperatures were 9—15 °F (5—8 °C) above normal in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur, Peshawar, D. I. Khan, Quetta and Kalat divisions and 3—8 °F (2—4 °C) so in East Pakistan, Hyderabad and Khairpur divisions and remained normal elsewhere in West Pakistan.

Forecast valid until the evening of 27th April, 1970 :—Local thunderstorm/showers with squally winds are likely to occur in Khulna, Chittagong and Rajshahi divisions, scattered in Dacca, Peshawar, Malakand and Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely in Lahore, D. I. Khan, Sargodha, Quetta and Multan divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 26th April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * 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	5	4	23	03	95	04	0	074	90	3	3	6	0	0	73	96
	Cox's Bazar	000	0	4	25	05	95	01	0	074	80	4	4	4	0	0	77	90
	Chittagong	000	0	3	23	10	96	01	2	067	87	2	8	4	3	0	77	91
	Maijdee Court	000	0	0	16	02	97	03	0	049	87	0	0	9	0	0	76	93
	Comilla	000	0	0	00	00	96	02	0	054	90	0	0	9	0	0	90	91
	Brahmanbaria	000	0	0	18	03	96	00	0	050	90	0	0	9	0	0	76	93
	Sylhet	000	0	3	00	00	97	03	0	046	90	3	0	9	3	0	76	90
	Srimangal	000	0	5	36	02	95	01	0	057	93	3	9	5	4	1	78	00
Dacca	Mymensingh	000	0	0	00	00	97	00	0	054	91	0	0	9	0	0	70	96
	Narayanganj	000	0	0	13	02	95	00	1	037	90	0	0	9	0	0	80	90
	Dacca (Tejgaon)	000	0	0	18	05	97	01	0	044	90	0	0	9	0	0	73	96
	Faridpur	000	0	0	20	07	99	00	0	040	95	0	0	9	0	0	67	98
Khulna	Barisal	000	0	0	18	03	97	02	0	054	87	0	0	9	0	0	76	93
	Khulna	000	0	0	00	00	97	00	0	039	87	0	0	9	0	0	77	96
	Satkhira	000	0	6	18	03	96	03	6	047	87	4	4	8	2	0	77	89
	Jessore	000	0	1	18	12	96	02	0	040	90	1	0	9	3	0	76	96
Rajshahi	Pabna	000	0	0	13	05	97	02	1	029	95	0	0	9	0	0	73	95
	Sirajganj	000	0	0	18	03	96	00	0	038	95	0	0	9	0	0	68	93
	Rajshahi	000	0	5	00	00	96	03	0	025	91	2	4	5	3	0	76	00
	Bogra	000	0	3	13	05	96	03	0	031	93	2	5	5	3	1	67	96
	Dinajpur	000	0	0	09	02	96	00	0	036	93	0	0	9	0	0	73	96
	Rangpur	000	0	2	09	02	96	01	1	058	85	2	0	9	1	0	73	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	13	05	97	02	0	994	06	0	0	9	0	0	43	09
	Sialkot	000	9	0	00	00	97	00	0	030	10	0	0	9	0	0	47	10
Rawalpindi	Jhelum	000	0	0	03	04	97	02	0	986	06	0	0	9	8	0	37	10
	Islamabad																	
	Rawalpindi	000	0	0	13	02	98	00	0	986	01	0	0	9	0	0	51	05
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	06	0	975	08	0	0	9	0	0	66	10
	Sargodha	000	0	0	16	12	96	07	0	980	07	0	0	9	0	0	49	09
	Lyallpur	000	0	0	16	02	97	00	0	990	98	0	0	9	0	0	72	04
Multan	Sahiwal																	
	Multan	000	0	0	08	10	97	02	0	980	06	0	0	9	0	0	44	08
	Leiah	000	0	0	36	02	95	00	0	032	86	0	0	9	0	0	55	06
Bahawalpur	Khanpur	000	0	0	23	03	97	02	0	987	08	0	0	9	0	0	55	09
	Bahawalpur	000	0	0	00	00	99	00	0	004	06	0	0	9	0	0	62	08
	Fort Abbas	...	..	..	..	...	...	..	...	...	...	...	...	..	...	..	...	...
Malakand	Chakdra	000	0	0	23	05	98	02	0	960	57	0	0	9	0	0	62	99
Peshawar	Peshawar	000	0	1	00	00	97	03	0	///	00	1	6	6	1	1	58	01
	Haripur	...	...	..	..	..	...	..	..	—	..	—	—	..	...	..		..
D. I. Khan	Bannu	000	0	6	13	02	99	02	2	975	02	3	2	7	0	7	41	02
	D. I. Khan	000	0	1	00	00	97	02	0	973	07	0	0	9	0	1	49	11
Quetta	Sibi	008	0	6	19	18	96	07	0	997	07	4	2	9	4	2	58	08
	Nokkundi	000	0	0	31	05	96	01	0	031	88	0	0	9	0	0	60	01
Kalat	Turbat	000	0	0	23	06	98	00	0	066	04	0	0	9	0	0	55	04
	Jiwani	000	0	0	25	12	96	02	0	070	89	0	0	9	0	0	65	91
	Pasni	000	0	0	25	18	97	02	0	074	90	0	0	0	0	0	76	94
Karachi division	Ormara	000	0	0	27	17	96	02	0	066	91	0	0	9	0	0	70	92
	Lasbela	000	0	0	23	03	98	00	0	030	05	0	0	8	0	0	70	09
	Karachi (Manora)	000	0	0	27	07	97	02	0	046	96	0	0	9	0	0	80	87
	Karachi (Airport)	000	0	0	25	07	96	02	0	051	92	0	0	9	0	0	73	00
Hyderabad	Nagarparkar	000	0	0	05	03	97	02	0	070	09	0	0	9	0	0	09	14
	Chhor	...	..	...	...	...	...	..	...	..	...	...	...	...	...	...	..	...
	Hyderabad	000	0	0	23	07	97	02	0	024	07	0	0	9	0	0	50	09
	Badin	000	0	0	23	14	97	02	0	053	06	0	0	9	0	0	71	09
Khairpur	Padidan	000	0	0	23	09	96	02	0	001	10	0	0	9	0	0	35	13
	Nawabshah	000	0	0	27	21	96	02	0	012	99	0	0	9	0	0	59	11
	Sukkur	000	0	0	05	02	96	02	0	092	08	0	0	9	0	0	68	11
	Kashmore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Jacobabad	000	0	0	20	05	96	01	0	990	10	0	0	9	0	0	73	12
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree																	
Malakand	Drosh	000	0	5	05	05	97	02	2	467	76	4	2	7	6	0	44	79
Peshawar	Cherat	000	0	0	00	00	98	02	0	459	90	0	0	9	0	0	29	92
	Kakul	000	0	2	20	09	98	03	1	555	90	2	5	6	0	0	36	93
	Landikotal	000	0	4	05	05	98	01	0	478	97	4	3	8	0	0	39	94
	Parachinar	...	..	..	...	..	...	.	..	...	...	...	...	..	...		...	...
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	478	//	0	0	9	0	0	76	98
	Wana	000	0	0	00	00	99	00	0	565	//	0	0	9	0	0	54	85
Quetta	Fort Sandeman	000	0	5	23	07	94	05	1	450	83	5	4	7	2	0	26	93
	Hindubagh	000	0	6	23	19	97	03	0	///	72	6	2	5	0	0	38	73
	Loralai	000	0	6	27	02	98	01	0	450	75	0	1	9	0	6	54	78
	Barkhan																	
	Harnai	000	0	8	23	05	96	03	2	429	93	0	0	6	0	8	55	99
	Samungli (Quetta)	000	0	3	31	07	96	02	0	456	83	3	4	6	0	0	61	85
	Chaman	000	0	0	23	05	97	00	0	479	88	0	0	9	0	0	74	90
	Nushki	000	0	0	21	07	95	05	0	511	94	0	0	9	0	0	46	95
	Dalbandin	000	0	0	23	05	94	07	4	472	94	0	0	9	0	0	43	95
Kalat	Kalat	000	0	0	23	03	98	00	2	447	75	0	0	9	0	0	75	87
	Khuzdar	000	0	2	27	05	97	02	0	458	91	2	5	6	0	0	43	93
	Panjgur																	

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

Division (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	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	..	..	..	...	..	...	...	...	...	...	..	..	..	..	..	..	..
	Cox's Bazar	000	0	3	18	06	97	02	0	114	90	3	2	5	1	0	71	79
	Chittagong	000	0	5	13	02	96	02	2	116	87	5	4	4	0	0	77	79
	Maijdee Court	000	0	2	18	02	94	03	2	111	86	4	2	5	2	0	73	77
	Comilla	000	0	0	19	05	96	02	0	113	84	0	0	9	0	0	72	77
	Brahmanbaria	000	0	6	18	03	97	03	1	117	84	2	5	5	0	0	77	79
	Sylhet	000	0	6	13	02	96	02	2	112	82	6	4	5	0	0	77	76
	Srimangal	000	0	4	36	02	96	02	0	112	86	2	9	5	7	1	72	79
Dacca	Mymensingh	000	0	6	00	00	97	02	1	113	84	4	4	5	2	0	75	79
	Narayanganj	000	0	7	31	04	97	07	0	103	87	5	5	3	3	1	73	81
	Dacca (Tejgaon)	000	0	6	18	09	97	03	2	101	86	8	6	4	0	0	77	81
	Faridpur	000	0	6	16	05	97	02	0	100	90	5	4	5	1	0	75	79
Khulna	Barisal	000	0	4	18	07	96	02	2	107	87	0	7	5	0	0	72	79
	Khulna	...	..	..	...	.	..	..		..			..					
	Satkhira	000	0	6	23	01	97	08	0	///	87	2	3	0	0	0	99	//
	Jessore	000	0	6	18	12	97	02	4	090	87	6	4	4	0	0	75	81
Rajshahi	Pabna	..	—	..	...	..	..	...	...	...	...	..	—	...	..	...	—	..
	Sirajganj	000	0	6	18	03	97	01	6	095	82	6	2	6	0	0	72	79
	Rajshahi	...	..	..	..	..	...	..	...	...	..	...		...	...	...	...	..
	Bogra	..	..	...	..		..	..	...	..		...	..	..				
	Dinajpur	000	1	9	09	02	56	63	2	093	80	8	4	6	0	0	72	80
	Rangpur	012	5	7	13	02	96	61	9	095	84	7	5	6	0	0	80	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	008	0	3	13	02	96	05	0	038	88	1	1	7	3	1	57	81
	Sialkot	...	..	..	..	...	..	..	...	..	..	—	..	..	...	...	...	...
Rawalpindi	Jhelum	000	0	2	31	00	95	05	0	039	89	1	1	6	3	0	53	85
	Islamabad																	
	Rawalpindi	...	..	..	..	...	...	...	...	..	...	...	...	..	..	...	...	...
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	//	97	00	0	023	84	0	0	9	0	0	61	69
	Sargodha	000	0	4	05	02	95	06	0	034	85	2	5	6	3	0	59	76
	Lyallpur	000	9	5	16	09	95	02	9	034	84	5	9	8	0	0	65	79
Multan	Sahiwal																	
	Multan	000	0	2	00	00	96	05	9	023	86	2	0	9	3	0	60	76
	Leiah	000	0	0	36	02	93	00	0	051	84	0	0	9	0	0	63	72
Bahawalpur	Khanpur	..	.	..	..	...	...	...	..	..		.	...	..	..	...	..	..
	Bahawalpur	000	0	0	00	00	96	00	0	056	87	0	0	9	0	0	72	76
	Fort Abbas	000	0	0	27	05	98	00	0	023	90	0	0	9	0	0	79	75
Malakand	Chakdra	000	3	4	09	03	97	01	9	029	76	4	0	9	6	0	60	71
Peshawar	Peshawar	000	0	1	00	00	96	05	1	048	84	0	0	9	0	0	57	76
	Haripur	000	0	0	07	02	97	00	0	041	85	0	0	9	0	0	49	70
D. I. Khan	Bannu	000	0	2	34	02	99	01	1	037	83	2	2	7	0	0	59	77
	D. I. Khan	000	0	2	00	00	97	02	0	037	88	1	0	9	6	0	51	80
Quetta	Sibi	000	0	0	13	03	97	02	0	037	82	0	0	9	0	0	62	//
	Nokkundi	000	0	0	31	05	96	02	0	080	75	0	0	9	0	0	34	72
Kalat	Turbat	000	0	0	09	02	98	00	0	118	80	0	0	9	0	0	54	75
	Jiwani	000	0	0	31	14	96	02	0	091	79	0	0	9	0	0	63	76
	Pasni	000	0	0	29	06	97	02	0	881	72	0	0	9	0	0	63	71
Karachi division	Ormara	000	0	0	27	16	96	02	0	089	82	0	0	9	0	0	75	//
	Lasbela	..	.	.													..	
	Karachi (Manora)	000	0	0	27	07	96	02	0	028	82	0	0	9	0	0	78	80
	Karachi (Airport)	000	0	0	27	03	96	02	0	079	83	0	0	9	0	0	73	77
Hyderabad	Nagarparkar	...	..	.	..	..	..	..	..			..	..	..				..
	Chhor	000	0	0	23	03	96	02	0	067	88	0	0	9	0	0	68	76
	Hyderabad	000	0	0	23	02	97	02	0	074	83	0	0	9	0	0	46	76
	Badin	000	0	0	23	04	97	02	0	083	80	0	0	9	0	0	74	78
Khairpur	Padidan	000	0	0	23	05	96	02	0	046	90	0	0	9	0	0	52	80
	Nawabshah	000	0	0	18	07	96	02	0	058	84	0	0	9	0	0	56	76
	Sukkur	000	2	0	23	05	95	05	4	038	86	0	0	9	0	0	62	81
	Kashmore	000	0	0	18	02	98	02	0	036	84	0	0	9	0	0	53	75
	Jacobabad	008	0	0	18	02	96	05	0	045	86	0	0	9	0	0	67	83
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree																	
Malakand	Drosh	007	3	7	05	09	96	01	9	520	60	5	8	7	3	0	51	57
Peshawar	Cherat	000	0	0	36	09	98	02	0	476	75	0	8	9	0	0	43	71
	Kakul	000	0	7	11	13	97	03	2	481	75	5	9	5	3	1	41	69
	Landikotal	000	0	0	36	02	98	02	0	462	70	0	0	9	0	0	55	65
	Parachinar	000	9	0	00	00	97	02	0	485	68	0	0	9	0	0	47	//
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	491	75	0	0	9	0	0	47	70
	Wana	000	0	0	00	00	99	00	0	463	69	0	0	9	0	0	54	51
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	475	71	0	0	9	0	0	41	63
	Hindubagh	000	0	0	00	00	98	02	0	///	44	0	0	9	0	0	33	40
	Loralai	000	0	0	09	02	97	00	0	455	//	0	0	9	0	0	38	60
	Barkhan																	
	Harnai	000	0	0	31	02	96	02	0	455	81	0	0	9	0	0	50	75
	Samungli (Quetta)	000	0	0	00	00	96	02	0	483	67	0	0	9	0	0	41	58
	Chaman	000	0	0	13	03	97	00	0	487	65	0	0	9	0	0	//	64
	Nushki	000	0	0	00	00	97	02	0	524	75	0	0	9	0	0	34	66
	Dalbandin	000	0	0	00	00	95	05	0	471	71	0	0	9	0	0	40	66
Kalat	Kalat	000	0	0	18	02	96	00	2	454	65	0	0	9	0	0	49	34
	Khuzdar	000	0	0	27	02	96	02	0	480	78	0	0	9	0	0	33	73
	Panjgur																	

Departure from Normal of / Rainfall

Division (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—					—
	Cox's Bazar	+ 1	+ 5	0.2	− 2.7	6.5	140
	Chittagong	+ 2	+ 5	5.4	+ ..	5.9	105
	Maijdee Court	+ 4	0	7.8	+ 4.0	11.5	115
	Comilla	0	+ 4	3.5	− 1.1	6.8	94
	Brahmanbaria	—	—	3.9	− 1.6	6.8	76
	Sylhet	—		15.5	—	21.9	—
	Srimangal	+ 9	+ 10	3.4	− 4.8	8.5	98
Dacca	Mymensingh	+ 7	+ 6	0.2	− 2.3	2.4	91
	Narayanganj	− 1	+ 7	6.0	+ 1.7	9.5	74
	Dacca (Tejgaon)	—		1.9	—	4.3	—
	Faridpur	+ 6	+ 6	2.6	− 0.2	4.9	71
Khulna	Barisal	+ 2	+ 4	3.5	+ 0.3	4.8	81
	Khulna	+ 3					68
	Satkhira	− 6	/	1.4	− 1.0	5.1	68
	Jessore	—	—	4.0	+ 1.3	7.9	65
Rajshahi	Pabna	—					59
	Sirajganj	0	—	0.1	− 2.5	2.1	64
	Rajshahi	+ 4					—
	Bogra	+ 2					69
	Dinajpur	− 3	+ 8	—	—	—	73
	Rangpur	+ 7	+ 4	—	—	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 11	+ 15	0.0	− 0.5	2.0	19
	Sialkot	+ 14					32
Rawalpindi	Jhelum	—	—	0.2	—	4.6	—
	Islamabad						—
	Rawalpindi	+ 15					36
	Campbellpur						—
Sargodha	Khushab	+ 14	− 1	0.0	− 0.8	1.8	15
	Sargodha	—	—	0.0	—	1.2	..
	Lyallpur	+ 0	+ 11	0.1	− 0.3	1.1	13
Multan	Sahiwal						10
	Multan	+ 10	+ 2	0.1	− 0.2	0.9	7
	Leiah	—	—	—	—	—	8
Bahawalpur	Khanpur	+ 6					6
	Bahawalpur	+ 8	+ 5	—	—	—	6
	Fort Abbas		—	—	—	—	8
Malakand	Chakdra	—	—	—	—	..	—
Peshawar	Peshawar	+ 13	+ 11	0.7	− 0.9	4.0	11
	Haripur		—	0.3	—	7.7	—
D. I. Khan	Bannu	—	—	0.2	—	1.7	11
	D. I. Khan	+ 15	—	0.1	− 0.6	7.8	9
Quetta	Sibi	—	—	0.0	—	0.9	5
	Nokkundi	—	—	0.0	—	2.5	2
Kalat	Turbat	—	—	0.0	—	8.7	—
	Jiwani	—	—	0.0	—	8.3	8
	Pasni	+ 4	+ 4	0.0	− 0.4	2.5	6
Karachi division	Ormara	—	—	0.0	− 0.6	2.9	6
	Lasbela	—					8
	Karachi (Manora)	+ 1	+ 4	0.0	− 0.2	1.1	8
	Karachi (Airport)	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	—					—
	Chhor		—	0.0	—	2.5	7
	Hyderabad	+ 5	+ 1	0.2	− 0.1	1.3	9
	Badin	+ 6	+ 3	0.0	0.0	0.1	—
Khairpur	Padidan	—	—	0.0	—	0.9	—
	Nawabshah	—	—	0.0	—	0.4	4
	Sukkur	—	—	0.0	—	0.9	—
	Kashmore	—	—	—	—	—	4
	Jacobabad	+ 9	+ 9	0.0	− 0.2	2.1	20
Junagadh	Veraval						26
	HILL STATIONS						
Kashmir	Srinagar						—
	Gulmarg						71
	Sonamarg						26
	Dras						8
	Leh						6
	Skardu						—
	Misgar						—
	Aliabad						5
	Gilgit						89
Rawalpindi	Murree						18
Malakand	Drosh	+ 7	—	—	—	+	89
Peshawar	Cherat	+ 18	+ 10	0.5	− 1.9	6.0	—
	Kakul	—	—	0.8	—	15.9	—
	Landikotal	—	—	1.3	—	5.0	89
	Parachinar		/	0.4	—	5.5	18
D.I. Khan	Miranshah	—	—	0.0	− 1.2	0.1	11
	Wana	—	—	0.0	—	4.4	13
Quetta	Fort Sandeman	+ 11	+ 4	0.5	− 0.3	3.3	—
	Hindubagh	—	—	0.0	—	1.6	9
	Loralai	—	—	0.1	—	2.2	—
	Barkhan						14
	Harnai	—	—	0.0	− 0.8	3.8	9
	Samungli (Quetta)	—	—	0.1	− 0.9	3.0	9
	Chaman	+ 9	+ 6	0.0	− 0.7	7.7	—
	Nushki	—	—	0.0	—	3.5	4
	Dalbandin	+ 2	+ 3	0.0	− 0.3	3.3	7
Kalat	Kalat	+ 12	− 14	0.0	− 0.5	3.0	—
	Khuzdar	—	—	0.0	—	2.6	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 ever 999 is given RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th APRIL, 1970.

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
ARABAIN SEA														
Karanja	99 1 95	10 6 46	25 0 03	02 5 07	99 0 20	09 1 78	00 9 00	44 4 00			05 1 25	...	30 2 01	...
Lurouco	99 1 46	10 5 66	25 0 63	02 9 05	98 0 00	13 0 28	00 9 00	53 1 05			00 4 24	12 6 00	31 / //	10 1 //
Karanja	99 1 78	10 6 40	25 0 63	12 9 08	99 0 20	12 9 29	10 5 30	44 0 30			09 2 24	...	30 2 01	-
Karanja	99 1 63	10 6 34	25 1 23	12 9 06	99 0 20	11 2 29	44 5 00	...			00 2 24	...	30 2 01	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($P_oP_oP_o$ $T_oT_oT_o$ 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, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	006 266 14	--	460 194 56	144 056 50	583 065 58	753 193 58	963 287 58	240 517 //	421 655 //	651 793 //	--	...	--
Dacca	00 00	907 272 14	...	410 194 57	123 094 42	583 065 58	753 195 57	962 305 57	239 489 //	423 625 //	--	--	...	...
Gilgit														
Jiwani														
Karachi	00 00	003 260 56	...	250 180 32	881 044 //	527 141 //	739 225 //	947 311 //	228 425 //	...	...	-	-	-
Multan	00 00	987 240 60	...	400 280 06	144 130 62	582 121 //	750 331 //	956 335 //	227 405 //	427 521 //	...	...	...	...
Peshawar	00 09	963 250 63	...	420 224 64	106 112 60	582 075 //	751 217 //	906 295 //	243 435 //	--	...	...	...	...
Quetta	00 00	821 180 36	...	/// /// //	129 072 //	579 107 //	748 195 //	958 287 //	...	...	...	...	...	-
Sargodha	00 00	992 260 40	...	510 190 56	167 064 59	582 141 //	748 251 //	952 355 //	227 471 //	...	...	-	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed: PmPmPm dmdm fmfmfm	TROPOPAUSE: $P_tT_tP_tT_tT_tT_{ss}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 188 24	800 168 56	690 006 56	589 000 41	350 241 58	...	--	--	...	108 799 //	...	-
Dacca	00 00						...	...	...	...	108 733 //	...	--
Gilgit													
Jiwani													
Karachi	00 00	...	...	--	...	--	...	--	...	...	120 261 15	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	215 250 90	--	--
Peshawar	00 00						...	...	...	...		...	...
Quetta	00 00	800 162 //	631 000 //	600 037 //	350 235 //	252 131 //	...	...	...	...	165 245 80	...	...
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	100 10	200 11	200 21	225 12	245 12	265 09	275 07	315 18	305 08
Bogra	150 13	165 11	185 10	220 12	255 14	265 17	...		
Chaklala		125 11	120 12	115 11	120 17	100 19	070 07	360 11	045 08
Chhor	225 14	245 17	245 20	250 22	250 26	260 31			
Chittagong	225 13	210 12	210 10	215 08	215 08	230 04	295 15	270 07	255 08
Cherat				...	--	..	...	...	--
Cox's Bazar	245 06	240 08	235 05						
Dacca	160 17	165 19	185 17	200 37	215 19	250 18	285 13	260 20	325 25
Dalbandin			240 09	250 14	250 14	250 11			
D. I. Khan	180 06	165 03	160 05	170 08	130 10	135 10	160 12	190 12	210 22
Drosh	...	...	...	040 05	020 03	180 04	180 13	..	...
Fort Sandeman	..	...	--	230 19	225 38	225 14			...
Gilgit	...	--	...	280 04	185 03	120 06	190 17	195 21	...
Ishurdi									
Jacobabad	205 08	210 08	230 08	235 07	235 09	275 14	245 21	235 12	940 21
Jessore	175 17	190 12	200 19	225 15	230 //	255 14			
Jhelum	125 16	135 26	125 26	130 24	145 21	130 24	190 //	170 19	195 43
Jiwani	255 19	245 16	250 19	240 13	265 27	355 25	240 36	250 25	
Karachi	285 12	290 15	290 17	290 20	275 19	260 18	220 28	215 34	230 34
Khanpur	235 07	220 09	220 08	210 12	210 12	260 09	255 24	270 11	
Khuzdar				270 04	260 05	250 09	275 12	250 12	240 19
Lahore	115 12	160 19	170 17	180 18	180 17	190 17	200 21	110 35	210 37
Multan									..
Nawab Shah	260 04	255 14	250 14	255 17	268 21	275 21	220 28	220 46	...
Nokkundi	...	...	...	..	...	...	...	...	...
Panjgur	...								
Peshawar	...	050 01	100 05	130 10	145 15	155 18	185 18	200 25	195 28
Parachinar	...	...	...	...			--	...	
Quetta					215 06	235 10			...
Sargodha	155 15	135 22	145 23	160 28	175 31	200 27	210 17	225 39	...
Skardu						025 20	190 06	210 21	...
Sylhet	350 01	265 03	255 07	240 12	245 16	225 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	205 14	250 17	205 17	205 10	230 10	290 04
Bogra	165 17			...	...	..
Chaklala		315 10	125 06	180 05	...	...
Chhor	265 31	275 33	250 75			
Chittagong	190 08	190 08	230 10	230 10	320 06	350 05
Cherat						
Cox's Bazar	215 06	215 08	245 07	250 05	275 04	--
Dacca	170 14	190 3	225 12	225 10	275 12	195 17
Dalbandin			100 01	[illegible] 08	130 01	290 10
D. I. Khan	315 06	310 07	280 06	205 03	210 03	235 09
Drosh	No	Ascent	..		..	
Fort Sandeman	..			125 02	250 03	230 05
Gilgit	...			360 02	265 10	--
Ishurdi						...
Jacobabad	265 09	230 13	275 17	275 23	270 18	
Jessore	205 21	210 29	210 26	235 17	235 12	205 09
Jhelum	180 10	720 15	105 29	170 20	140 17	110 17
Jiwani	270 21	270 30	270 20	245 22	245 31	..
Karachi						
Khanpur	220 08	225 09	225 07	250 04	330 06	250 08
Khuzdar				250 11	240 10	260 19
Lahore	175 05	290 06	295 09	305 13	285 13	270 10
Multan	160 14	175 14	200 13	245 10	230 15	240 26
Nawab Shah	275 17	270 25	275 31	270 28	240 11	180 10
Nokkundi	...	..	-	..	..	
Panjgur	...					
Peshawar	...	210 04	290 07	290 06	290 06	185 11
Parachinar	...			175 02	345 03	-
Quetta						
Sargodha	000 00	225 01	225 01	240 17	225 10	220 29
Skardu				--	...	220 08
Sylhet	230 08	230 08	...	...	...	...
Veraval	...	...	...	--	..	-

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal	170 12	175 10	180 12	190 11	270 05	..	..	...	..	..	...
Bogra	130 11	160 13	185 13	290 04	...	...					...
Chaklala	...	125 07	110 08	180 04	195 06	205 04	150 09	205 10	205 16	155 26	..
Chhor	250 19	265 27	275 31	280 33	285 34	290 20					
Chittagong	195 08	175 08	175 08	215 08	225 11	265 09	270 07	060 06	055 19	150 22	075 10
Cherat											
Cox's Bazar	215 13	225 14	225 15	215 10	125 07	165 05	205 06	180 03	215 05	190 11	-
Dacca	160 13	150 12	195 08								
Dalbandin			070 10	080 12	075 08	220 11	220 17	250 31	248 29	235 51	255 49
D. I. Khan	075 01	065 03	050 05	055 05	120 01	165 04	220 13	210 16	215 15	215 25	230 33
Drosh	..		...	280 02	150 02	250 05	305 11	310 17	300 26	310 28	310 56
Fort Sandeman	--	--	--	/// //	280 08	/// //	120 11	..	..	..	...
Gilgit						...		...		..	...
Ishurdi	170 09	170 10	170 11	165 11	205 09	...				..	..
Jacobabad	250 07	280 11	285 14	280 17	270 10	165 12	165 24	200 29	225 39	..	..
Jessore	175 28	180 22	185 20	220 16	230 21	260 21					
Jhelum	070 03	115 02	/// //	180 12	185 11	215 10	210 13	235 16	255 10	205 24	235 38
Jiwani	275 11	290 12	290 15	250 23	255 28	250 20			...	..	...
Karachi	280 15	260 17	260 17	255 17	260 21	260 22	235 26	225 19	220 14	-	...
Khanpur	245 10	240 12	240 11	200 07	265 05	270 12	275 17	255 18	250 25	..	...
Khuzdar		...		288 03	265 17	255 12	230 22	235 22	245 22	245 31	..
Lahore	345 12	335 14	335 13	330 12	325 10	090 09	130 33	345 35	160 31	195 17	245 15
Multan	075 04	055 07	045 09	360 04	245 06	235 13	215 13	225 25	230 09	240 32	-
Nawab Shah	260 14	265 14	220 15	275 36	125 16	235 19	..		-	-	...
Nokkundi	--	...	--	-	...	...	..	..	-	..	...
Panjgur	..	...	--	-	...	-	..	..	-	...	-
Peshawar	...	...	--	165 06	145 10	230 06	225 12	215 33	...	-	...
Parachinar		...	--		208 03	200 04	225 07	235 11	205 18	...	..
Quetta					245 04	235 04	205 16	200 17	..		...
Sargodha	075 04	095 06	345 02	200 03		235 04	060 04	190 08	..	..	
Skardu											
Sylhet	180 04	185 03	/// //	205 08	225 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	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 22	270 20	275 22	275 22	270 22	265 25	220 16	245 17	240 20	245 39	250 37	250 41	260 30	--	...	...	...	--
Multan	020 09	295 14	295 11	295 08	295 10	250 14	235 16	250 10	240 22	240 07	245 13	250 62						
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

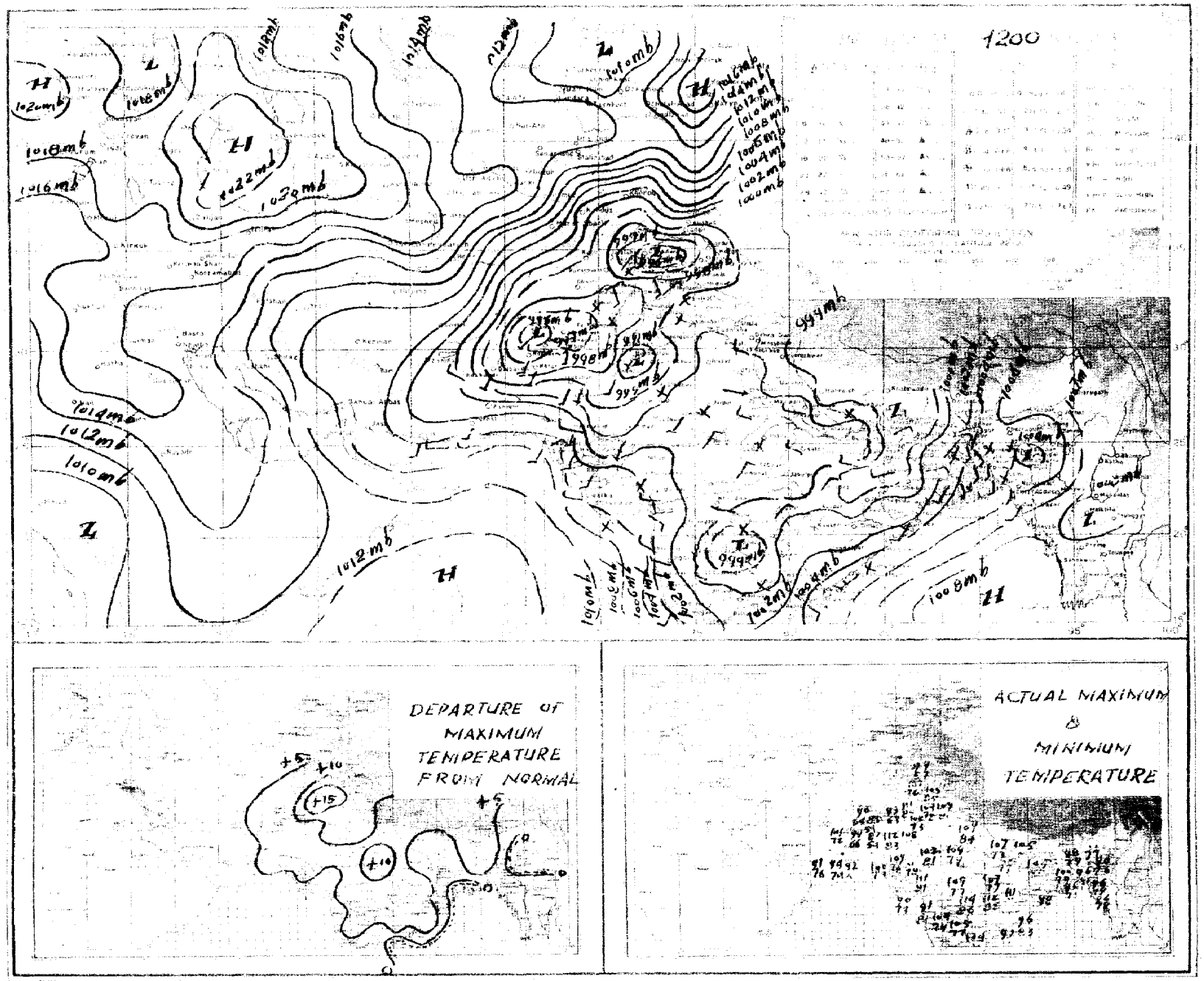
† The actual time of observations may vary within half an hour of the specified time.

* 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 "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)

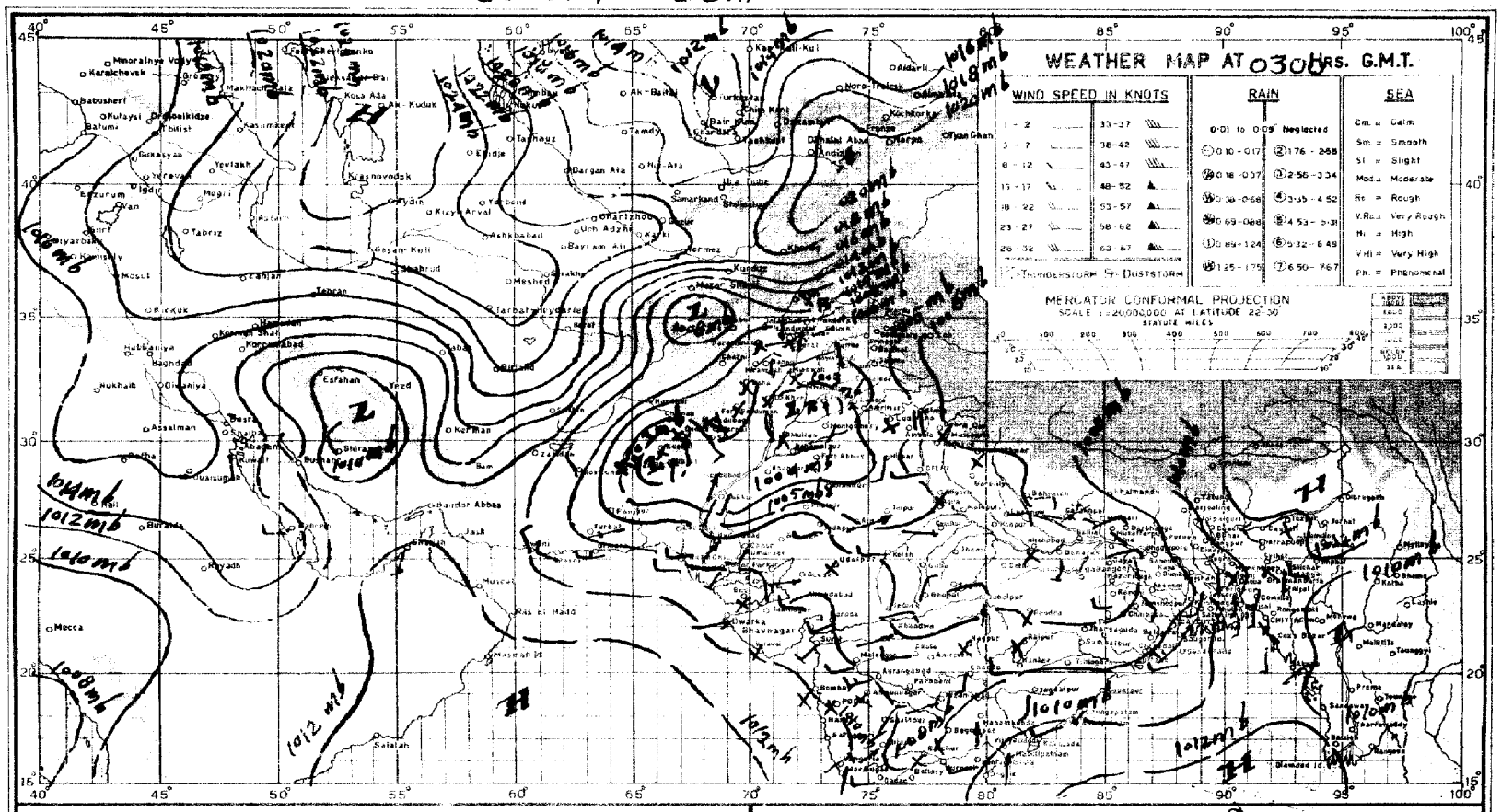
PAKISTAN DAILY WEATHER MAP

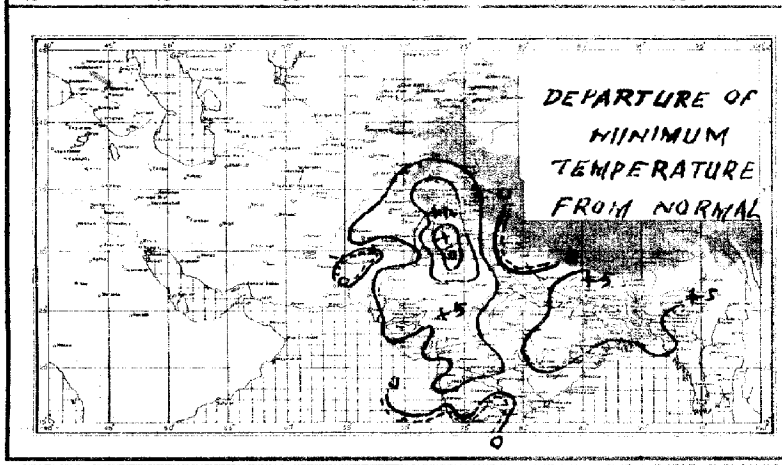
SATURDAY 25th APRIL 1970

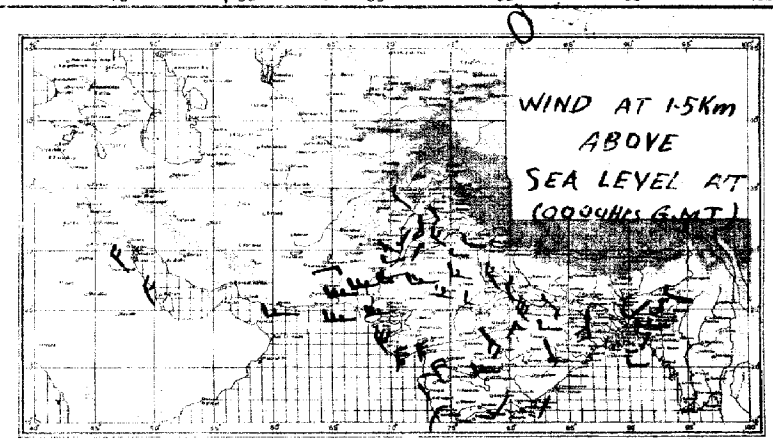


PAKISTAN DAILY WEATHER MAP

SUNDAY 26th APRIL 1970







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Volume No. 24

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th APRIL, 1970.

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

Yesterday's western disturbance over north of Afghanistan is moving away across north of Kashmir. Its secondary lies over northern divisions of West Pakistan. The western disturbance over East Russian Turkistan moved slightly eastwards. Its secondary lies over Afghanistan and adjoining areas. Scattered rain/thundershowers have occured in Malakand and Peshawar divisions. A few thunderstorms/light showers have also occurred in Rawalpindi and D. I. Khan divisions.

The seasonal trough of low pressure over Chota Nagpur and West Bengal persists.

A westerly low pressure wave is moving across northern distrists of East Pakistan, local rain/thundershowers have occured in Rajshahi division.

Chief amounts of rainfall reported are Rangpur ½", Rajshahi and Landikotal ¼" each.

Day temperatures were 9—12 °F (5—7 °C) above normal in Lahore, Sargodha, Multan, Peshawar and Rawalpindi divisions and 3—6 °F (2—3 °C) so in Chittagong, Bahawalpur, Quetta and Hyderabad divisions and remained practically normal elsewhere in the country.

Forecast valid until the evening of 28th April, 1970 :—Local thunderstorm/showers are likely to occur in Rajshahi, Dacca and Khulna divisions and scattered in Chittagong, Peshawar, Malakand, Rawalpindi, Sargodha, Lahore and Multan divisions and in Kashmir. A few dust/thunderstorm are also likely in D. I. Khan and Quetta divisions. Dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-11
The 27th April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
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	1	23	05	95	04	0	077	91	1	1	7	0	0	73	98
	Cox's Bazar	000	5	3	13	02	96	02	0	063	87	2	4	6	1	0	75	95
	Chittagong	000	0	3	27	09	96	02	0	078	88	0	8	4	0	2	75	92
	Maijdee Court	000	9	0	18	02	98	00	0	069	84	0	0	9	0	0	75	//
	Comilla	000	0	0	00	00	96	02	0	071	87	0	0	9	0	0	87	94
	Brahmanbaria	100	0	0	18	03	97	00	0	007	94	0	0	9	0	0	75	94
	Sylhet	000	0	0	00	00	96	00	0	084	90	0	0	9	0	0	73	92
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	00	00	96	00	0	065	90	0	0	9	0	0	75	94
	Narayanganj	000	0	3	00	00	95	02	1	062	87	3	6	6	0	0	80	88
	Dacca (Tejgaon)	000	0	1	13	05	97	00	0	063	90	1	5	5	0	0	73	94
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	3	18	05	97	01	2	068	86	2	4	5	0	4	73	91
	Khulna	000	0	2	00	00	97	02	0	057	87	2	5	5	0	0	77	//
	Satkhira	000	0	4	00	00	97	02	0	031	90	2	1	8	2	0	75	96
	Jessore	000	0	3	15	10	97	01	1	049	92	3	5	4	0	0	75	99
Rajshahi	Pabna	000	0	4	13	05	97	03	1	041	93	6	8	6	0	0	73	96
	Sirajganj	000	0	3	13	05	96	01	2	053	90	3	0	8	3	0	73	92
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	4	13	05	96	01	1	045	90	7	4	5	3	0	73	91
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	000	0	2	13	02	96	01	6	052	82	3	0	9	1	0	75	99
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	06	0	986	108	0	0	9	0	0	45	109
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	13	03	97	03	0	982	105	1	1	7	8	1	48	107
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	5	13	02	98	03	2	980	101	0	0	9	0	0	49	104
	Campbellpur																	
Sargodha	Khushab	000	0	0	05	10	97	06	0	069	110	0	0	9	0	0	83	110
	Sargodha	000	0	3	14	07	96	06	0	982	105	2	3	6	0	1	50	107
	Lyallpur	000	0	0	00	00	97	00	0	987	100	0	0	9	0	0	63	105
Multan	Sahiwal	000	0	1	18	03	97	01	1	977	108	1	1	6	0	0	31	110
	Multan	000	0	0	36	02	95	08	0	031	106	0	0	9	0	0	65	106
	Leiah																	
Bahawalpur	Khanpur	000	0	2	05	05	96	02	0	986	107	0	0	9	0	1	45	110
	Bahawalpur	000	0	0	00	00	96	00	0	981	107	0	0	9	0	0	63	109
	Fort Abbas	000	0	0	27	02	98	10	0	010	110	0	0	9	0	0	75	//
Malakand	Chakdra	000	0	8	27	05	96	03	1	984	87	8	3	7	0	0	57	94
Peshawar	Peshawar	000	2	5	31	05	96	17	9	005	88	3	9	6	2	0	55	97
	Haripur	000	0	0	23	02	97	00	0	080	102	0	0	9	0	0	38	103
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	0	00	00	97	02	0	989	110	0	0	9	0	0	56	111
Quetta	Sibi	000	0	2	19	20	97	03	1	947	101	0	0	9	1	0	38	111
	Nokkundi	000	0	0	31	10	97	02	0	041	89	0	0	9	0	0	43	92
Kalat	Turbat	000	0	0	27	02	98	00	0	076	101	0	0	9	0	0	47	101
	Jiwani	000	0	0	27	18	96	02	0	065	85	0	0	9	0	0	67	93
	Pasni	000	0	0	25	20	97	02	0	084	88	0	0	0	0	0	77	92
	Ormara	000	0	0	27	16	96	02	0	062	87	0	0	9	0	0	74	92
Karachi division	Lasbela																	
	Karachi (Manora)	000	0	0	27	07	97	02	0	051	86	0	0	9	0	0	77	89
	Karachi (Airport)	000	0	0	23	09	97	02	0	056	88	0	0	9	0	0	47	100
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	076	09	0	0	9	0	0	09	114
	Chhor	000	0	0	27	12	96	02	0	024	103	0	0	9	0	0	51	107
	Hyderabad	000	0	0	23	12	96	06	0	032	103	0	0	9	0	0	52	107
	Badin	000	0	4	23	15	97	03	0	064	105	0	0	9	0	4	59	109
Khairpur	Padidan	000	0	0	23	10	95	05	0	009	106	0	0	9	0	0	37	109
	Nawabshah	000	0	0	27	19	96	06	0	019	106	0	0	9	0	0	36	109
	Sukkur	000	8	0	20	05	95	05	4	010	98	0	0	9	0	0	68	109
	Kashmore																	
	Jacobabad	000	0	0	20	07	96	02	0	985	109	0	0	9	0	0	79	109
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	010	2	8	09	09	95	95	9	507	60	8	9	5	0	0	48	76
Peshawar	Cherat *	000	0	0	02	10	98	00	0	450	78	0	0	9	0	0	43	89
	Kakul *	000	5	6	07	05	98	17	9	452	84	4	9	3	3	0	49	87
	Landikotal *	036	3	6	16	02	98	03	2	440	80	6	7	6	6	0	55	83
	Parachinar *	000	0	4	05	03	97	02	2	469	77	3	5	6	7	0	48	80
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	485	97	0	0	9	0	0	57	99
	Wana *	000	0	0	13	05	99	00	0	471	75	0	0	9	0	0	58	85
Quetta	Fort Sandeman *	000	3	7	18	10	97	03	1	438	87	5	4	7	1	0	08	91
	Hindubagh *	000	0	3	23	13	97	02	0	///	67	0	0	9	0	0	09	72
	Loralai *	000	0	0	27	12	98	00	0	450	75	0	0	9	0	6	49	78
	Barkhan *																	
	Harnai *	000	0	9	31	01	96	03	0	431	91	0	0	9	0	9	60	97
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	00	00	97	00	0	479	88	0	0	9	0	0	74	98
	Nushki *	000	0	0	00	00	97	02	0	519	91	0	0	9	0	0	46	96
	Dalbandin *	000	0	0	27	12	94	07	4	472	93	0	0	9	0	0	52	94
Kalat	Kalat *	000	0	0	23	02	98	02	0	430	78	0	0	9	0	0	45	//
	Khuzdar *	000	0	1	27	03	97	03	0	442	90	1	5	4	0	0	//	91
	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	6	18	02	98	02	1	131	86	4	4	6	7	0	77	82
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	000	0	5	18	05	96	03	2	121	87	4	8	4	3	0	79	78
	Maijdee Court	000	9	4	19	02	97	03	2	121	88	3	2	5	2	0	72	79
	Comilla	000	0	0	00	00	96	02	0	114	86	0	0	9	0	0	82	77
	Brahmanbaria	000	0	6	00	00	97	03	1	098	84	6	4	5	0	0	75	77
	Sylhet	000	0	7	27	06	96	03	0	121	84	6	5	4	2	0	75	76
	Srimangal	000	0	0	23	05	96	09	0	118	86	0	0	9	0	2	73	74
Dacca	Mymensingh	000	0	6	13	02	97	02	2	127	84	4	4	5	2	0	79	78
	Narayanganj	000	0	6	27	02	97	02	2	127	87	5	5	6	3	1	79	78
	Dacca (Tejgaon)	000	0	6	18	02	97	03	0	118	80	6	8	5	0	0	75	78
	Faridpur	000	0	5	16	07	97	02	2	104	82	4	4	5	1	0	77	75
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	0	00	00	97	00	0	119	90	0	0	9	0	0	77	80
	Satkhira	000	0	2	18	01	97	00	0	117	87	4	3	7	0	0	82	79
	Jessore	000	0	7	21	03	97	03	1	114	86	7	4	4	3	0	79	80
Rajshahi	Pabna	000	0	5	13	05	98	03	1	109	87	5	8	7	0	0	75	80
	Sirajganj	000	0	8	18	02	97	07	2	120	84	8	4	4	0	0	79	78
	Rajshahi	019	3	8	13	05	96	07	9	102	77	4	6	4	2	0	75	//
	Bogra	012	1	7	09	03	96	17	9	102	75	4	4	5	7	0	72	75
	Dinajpur	015	7	0	09	02	96	00	9	136	87	0	0	9	0	0	77	87
	Rangpur	060	5	7	11	02	96	01	9	099	82	7	5	6	0	0	79	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	16	02	96	06	0	007	83	0	0	9	0	0	55	78
	Sialkot	000	0	0	00	00	97	00	0	049	//	0	0	9	0	0	46	//
Rawalpindi	Jhelum	000	0	5	21	03	97	02	0	012	88	1	5	6	7	0	52	79
	Islamabad	000	0	4	00	00	97	02	6	///	78	3	4	6	2	0	55	79
	Rawalpindi	008	9	1	27	02	97	00	9	027	80	0	0	9	0	3	59	72
	Campbellpur																	
Sargodha	Khushab	000	0	6	36	05	96	03	2	018	85	2	5	9	5	0	70	70
	Sargodha	000	0	0	05	07	96	06	0	130	84	0	0	9	0	8	57	79
	Lyallpur	000	9	0	00	00	96	00	0	013	83	0	0	9	0	0	66	76
Multan	Sahiwal	000	0	0	36	07	97	02	0	012	85	0	0	9	0	0	52	76
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	06	96	02	0	031	83	0	0	9	4	0	53	77
	Bahawalpur	000	0	0	00	00	96	00	0	017	78	0	0	9	0	0	48	77
	Fort Abbas	000	0	0	27	05	98	00	0	033	90	0	0	9	0	0	79	72
Malakand	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur	000	9	6	27	05	98	01	5	443	//	6	0	9	0	5	55	62
D. I. Khan	Bannu	000	8	5	27	02	99	01	5	048	77	2	2	7	4	0	54	74
	D. I. Khan	000	7	4	05	03	97	03	9	038	86	2	5	6	0	0	49	82
Quetta	Sibi	000	0	0	18	08	96	03	0	046	86	0	0	9	0	0	68	79
	Nokkundi	000	8	0	31	28	97	02	0	161	64	0	0	9	0	0	45	60
Kalat	Turbat	000	0	0	05	03	98	00	0	126	86	0	0	7	0	0	46	72
	Jiwani	000	0	0	36	02	96	02	0	090	79	0	0	9	0	0	47	72
	Pasni	000	0	0	29	08	97	02	0	074	70	0	0	9	0	0	69	70
	Ormara	000	0	0	27	14	96	02	0	085	79	0	0	9	0	0	76	//
Karachi division	Lasbela																	
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	0	1	25	02	96	03	0	082	80	1	6	5	0	0	69	76
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	110	89	0	0	9	0	0	89	89
	Chhor	000	0	0	23	12	94	02	0	063	81	0	0	9	0	0	69	73
	Hyderabad	000	0	0	23	05	97	02	0	071	88	0	0	9	0	0	69	75
	Badin	000	0	0	23	05	97	02	0	081	80	0	0	9	0	0	74	78
Khairpur	Padidan	000	0	0	23	05	95	05	0	044	81	0	0	9	0	0	49	70
	Nawabshah	000	0	0	00	00	96	02	0	053	81	0	0	9	0	0	64	73
	Sukkur	000	2	0	31	05	95	05	4	039	82	0	0	9	0	0	52	76
	Kashmore																	
	Jacobabad	000	0	0	27	09	96	05	0	042	87	0	0	9	0	0	67	77
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	017	3	7	00	00	97	02	5	501	55	6	6	6	0	0	49	52
Peshawar	Cherat *	000	2	6	05	13	98	50	6	461	61	6	7	6	0	9	49	59
	Kakul *	017	8	3	00	00	98	01	9	462	65	2	4	5	3	0	54	57
	Landikotal *	000	0	6	36	02	98	03	2	462	69	6	7	7	6	0	53	63
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	0	05	03	99	00	0	447	77	0	0	9	0	0	67	77
	Wana *	002	9	6	06	02	95	14	9	527	70	7	4	2	2	2	52	61
Quetta	Fort Sandeman *	000	0	6	00	00	97	03	0	472	69	0	4	7	0	0	39	65
	Hindubagh *	000	0	0	23	19	98	05	0	///	50	0	0	9	0	0	00	42
	Loralai *	000	0	0	18	04	98	00	0	460	62	0	0	9	0	0	42	60
	Barkhan *																	
	Harnai *	000	0	0	23	03	96	03	0	446	78	0	0	9	0	0	70	77
	Samungli (Quetta) *	000	0	0	27	08	96	02	0	492	63	0	0	9	0	0	39	52
	Chaman *	000	0	0	00	00	97	00	0	519	63	0	0	9	0	0	48	59
	Nushki *	000	0	0	23	03	97	02	0	551	63	0	0	9	0	0	23	60
	Dalbandin *	000	0	0	31	04	95	05	0	518	70	0	0	9	0	0	35	64
Kalat	Kalat *	000	0	0	31	03	98	00	2	482	54	0	0	9	0	0	47	30
	Khuzdar *	000	0	0	31	05	96	02	0	474	71	0	0	4	0	0	30	68
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+ 6					140
	Chittagong	+ 3	+ 4	5.4	+ 0.9	5.9	109
	Maijdee Court	—	+ 2	7.8	+ 3.7	11.5	115
	Comilla	+ 3	+ 4	3.5	− 1.2	6.8	94
	Brahmanbaria	—	—	3.9	− 2.0	6.8	76
	Sylhet	—	—	14.5	—	21.9	-
	Srimangal		+ 5	3.4	− 5.2	8.5	98
Dacca	Mymensingh	+ 5	+ 5	0.2	− 4.5	2.4	91
	Narayanganj	− 3	+ 4	6.0	+ 1.5	9.9	74
	Dacca (Tejgaon)	—		1.9		4.3	—
	Faridpur		+ 2	2.6	− 1.4	4.9	71
Khulna	Barisal	0					61
	Khulna	—	+ 5	—	—	—	68
	Satkhira	+ 1	+ 4	1.4	− 1.1	5.1	65
	Jessore	—	—	4.0	+ 1.1	7.8	65
Rajshahi	Pabna	—	—	—	—	—	59
	Sirajganj	—	—	0.1	− 2.7	2.1	64
	Rajshahi		//	—	—	—	—
	Bogra	− 2	+ 2	—	—	—	69
	Dinajpur		+ 15	—	—	—	72
	Rangpur	+ 9	+ 4	—	—	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 9	+ 12	0.0	− 0.5	2.0	19
	Sialkot		—	—	—	—	32
Rawalpindi	Jhelum	—	—	0.2	—	4.6	—
	Islamabad		—	—	—	—	—
	Rawalpindi	+ 12	+ 9	—	—	—	36
	Campbellpur						—
Sargodha	Khushab	+ 11	0	0.0	− 0.8	1.8	15
	Sargodha	—	—	0.0	—	1.7	—
	Lyallpur	+ 8	+ 9	0.1	− 0.4	1.3	13
Multan	Sahiwal	+ 10	+ 5	0.1	− 0.2	0.9	10
	Multan	—					7
	Leiah						8
Bahawalpur	Khanpur	+ 6	+ 6	—	—	—	6
	Bahawalpur	+ 8	+ 6	—	—	—	6
	Fort Abbas	—	—	—	—	—	8
Malakand	Chakdra	—					—
Peshawar	Peshawar	+ 7					11
	Haripur	—	—	0.3	—	7.7	—
D. I. Khan	Bannu		—	0.7	—	1.7	11
	D. I. Khan	—	—	0.1	− 0.6	7.8	9
Quetta	Sibi	—	—	0.0	—	0.9	5
	Nokkundi	—	—	0.0	—	2.5	2
Kalat	Turbat	—	—	0.0	—	0.7	—
	Jiwani	—	—	0.0	—	8.3	8
	Pasni	—	0	0.0	− 0.4	2.5	6
	Ormara	—	—	0.0	− 0.6	2.9	6
Karachi division	Lasbela						8
	Karachi (Manora)	+ 2					8
	Karachi (Airport)	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	—	—	0.0	—	—	—
	Chhor	—	—	0.0	—	2.5	7
	Hyderabad	+ 2	0	0.2	+ 0.1	1.3	9
	Badin	+ 6	+ 3	0.0	0.0	0.1	—
Khairpur	Padidan	—	—	0.0	—	0.9	—
	Nawabshah	—	—	0.0	—	0.4	4
	Sukkur	—	—	0.0	—	0.9	—
	Kashmore						4
	Jacobabad	+ 4	+ 3	0.0	− 0.2	2.1	20
Junagadh	Veraval						26
	HILL STATIONS						—
Kashmir	Srinagar *						71
	Gulmarg **						16
	Sonamarg **						1
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						59
	Gilgit *						
Rawalpindi	Murree *						10
Malakand	Drosh *	—	—	—	—	—	19
Peshawar	Cherat *	+ 11	− 2	0.5	− 2	6.0	—
	Kakul *	—	—	0.9	—	16.1	—
	Landikotal *	—	—	1.5	—	5.3	29
	Parachinar *	+ 8					18
D.I. Khan	Miranshah *	—	—	0.0	− 1.1	0.1	11
	Wana *	—	—	0.0	—	4.4	13
Quetta	Fort Sandeman *	+ 5	+ 6	0.5	− 0.4	3.3	—
	Hindubagh *	—	—	0.0	—	1.6	9
	Loralai *	—	—	0.1	—	2.2	—
	Barkhan *						14
	Harnai *	—	—	0.0	− 0.8	3.8	9
	Samungli (Quetta) *		—	0.1	− 0.9	3.0	9
	Chaman *	+ 7	+ 1	0.0	− 0.7	7.7	—
	Nushki *	—	—	0.0	—	3.5	4
	Dalbandin *	+ 2	+ 3	0.0	− 0.3	3.3	7
Kalat	Kalat *	—	− 18	0.0	− 0.5	3.0	—
	Khuzdar *	—	—	0.0	—	2.6	5
	Panjgur *						—

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th APRIL, 1970.

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	$7RRt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Karanja	98 1 32	10 6 22	26 0 03	73 0 04	98 0 31	11 0 28	14 / 7/	44 5 02						
Korenia	99 2 20	10 6 16	26 3 63	02 5 09	98 0 00	11 0 28	0/ / 21	...						
Kerenia	99 2 31	10 6 04	26 4 23	03 2 16	98 0 00	07 9 29	00 9 00	0/ 7 17						

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	006 260 08	..	440 272 49	113 088 54	582 873 59	752 199 35	960 333 82	234 539 //	413 675 //	648 89/ //	...	...	—
Dacca ...	00 00	008 260 15	...	430 170 57	115 060 57	579 115 58	716 215 57	905 377 57	218 605 //	399 709 //	—	—	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 270 25	...	425 180 45	896 100 //	582 811 //	760 085 //	975 231 //	...	...	...	—	—	—
Multan ...	00 00	886 250 65	—	450 250 //	110 056 //	567 281 //	715 415 //	...	...	...	...	...	...	...
Peshawar ...	00 00	965 228 59	...	400 229 //	057 058 59	573 105 57	741 205 37	949 349 52	226 41/ //	41/ 45/ //	...	...	...	...
Quetta ...	00 00	818 150 67	...	...	083 069 //	577 093 //	747 187 //	944 /// //	...	...	...	...	...	—
Sargodha ...	00 00	999 240 50	...	565 104 56	175 005 40	578 165 //	743 261 //	947 355 //	...	...	...	—	...	...

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					...	...	—	...	...	...	...	—
Dacca ...	00 00	900 194 27	800 140 57	600 015 58	350 285 57	...	...	...	...	—	...	...	...
Gilgit .													
Jiwani													
Karachi	00 00	...	...	—	...	...	...	—	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ..	00 00	..	...	..	...	...	...	..	...	...	...	...	...
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	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1e	19	20	21	22	23	24	5	26	27
Barisal ...	175 15	200 07	245 13	245 10	245 10		...	...	...	210 11	215 12	200 11	190 10	210 09	280 08	180 03	175 07	180 07	200 1[illegible]	200 16	210 10	..	...	...	..	...
Bogra —	120 11	130 15	145 17	210 11	245 12	255 13	...	...	...	228 08	240 10	215 07	170 09	185 12	.	165 04	170 07	175 10	185 15	...	...		..	..		...
Chaklala —	.	125 09	145 09	140 09	175 10	175 15		—	...	...	040 14	020 12		...		...	340 07	350 21	005 14	225 03	165 19	...	..	...	—	—
Chhor —	230 15	245 16	250 14	260 10	240 22	235 31		..		250 33	255 40	255 40	275 46	...	...	230 21	255 22	270 26	267 27	240 25	250 26	245 28	.			..
Chittagong —	230 09	185 09	185 10	175 07	185 06	175 06	200 05	025 04	315 20	210 04	235 05	185 06	210 05	210 06	...	215 12	175 03	175 03	165 08	190 09	180 08	205 05	210 06	175 09	160 08	...
Cherat —		...	...	...	...	...		...	...		...	..				...	...		...			...	...	...	...	—
Cox's Bazar —	125 07	230 12	230 10	225 11	215 04	210 05	025 02	015 03	...	210 03	215 06	205 06	195 08	195 11	200 15	235 10	245 10	/// //	180 06	/// //	145 05	...	..	...	.	—
Dacca —	170 12	170 10	170 15	200 08	245 13	250 10			...	...						175 09	180 08	185 10	195 16	205 18				..		...
Dalbandin —	...		114 03	195 04	245 06	245 12	250 18	250 34	255 51			300 7	310 06	315 05	300 18	...		335 04	290 03	300 07	305 13	285 32	285 36	285 40	280 40	275 51
D. I. Khan —	330 07	175 10	170 09	180 10	175 10	175 15	245 14	...	...	050 18	065 05	100 15	180 07	—	.	340 13	335 12	355 10	310 15	285 25	...	—	.	...		...
Drosh —	...	...	...	...	...	...		...	..	Driz	zle	...										...	..	...		...
Fort Sandeman —	..	...	..	210 16	230 12	185 07	200 20	...	...			..	075 11	295 12	290 11	..	..	..	290 29	360 07	325 13			..	...	..
Gilgit —	...	.	...	...	—	...	...	...	..	Rain			...	..					.	..	...	...	...	...	...	...
Ishurdi ...	143 13	150 16	165 25	160 10	...		...	...		225 12	235 17	255 15	...	..	...	185 10	190 09	175 09			...	—	...	.	...	...
Jacobabad —	215 08	215 14	250 03	225 16	235 17	026 16	240 08	235 16	235 35	315 19	315 12	291 07	275 19	260 27	...	300 15	285 20	300 17	340 09	330 11	...	...	.	..	...	..
Jessore —	...	...	...		...	...		...		200 19	200 13	201 26	200 24	270 10	230 09	165 05	160 08	195 10	200 16							
Jhelum —	180 11	190 10	195 10	175 15	160 16	165 17	180 19	165 17	200 21	350 12	005 19	055 07	135 08	170 06	215 04	050 06	355 03	355 03	090 17	125 20	180 14	170 36	160 40	155 49	160 47	175 76
Jiwani ...	250 17	265 15	270 18	260 21	275 24	265 17	270 25	265 30	270 34	330 19	355 21	005 20	340 10	305 06	265 21	040 07	040 07	040 09	030 15	010 06	285 09	195 09	325 07	340 11	...	...
Karachi —	265 14	275 22	270 27	260 31	260 31	260 27	255 27	...		250 20	250 27	275 25	260 20	255 35	240 33	285 07	330 07	305 05	265 10	245 20	235 22	235 25	240 2[illegible]	...	...	...
Khanpur —	...	...	...						...	210 10	220 12	230 15	240 17	265 15	220 06	320 06	330 08	330 07	355 12	310 06	280 16	250 26	255 38	230 32	...	...
Khuzdar —				270 07	275 09	230 59	245 25	250 26	245 29				230 41	320 21	..					300 17	315 06	290 30	295 22	190 34	..	..
Lahore ..	280 02	235 02	265 02	270 02	210 03	185 03	190 07	175 07	185 09	210 07	145 15	140 13	140 16		...	185 09	195 12	200 13	220 22	220 25	225 22	205 22	190 24	..	..	...
Multan —	195 11	195 12	190 12	180 10	160 09	180 15	235 21	235 26	230 27	325 12	330 15	335 21	335 24	330 26		350 11	350 12	010 13					...		..	...
Nawab Shah ...	240 19	240 20	240 20	240 21	250 12	240 27	240 22	...	...	270 16	275 28	275 20	240 19	245 16	245 26	245 15	245 17	260 15	255 07	/// //	250 40	...				..
Nokkundi ..	...	...	...	—	...	...	...	...	...	...	—	—	—			...	...	..	...	...	—	...	..	—	..	...
Panjgur —	...	...		...	...	...	—	...	...	...	...														...	...
Peshawar ...	...	310 12	325 15	355 11	115 06	.		...	..	...	120 06	070 09	070 08	070 09	230 10	...	010 08	015 13	330 09	290 12	240 10	180 36	...		...	—
Parachinar ..	...	...	...	...	085 02	185 11	225 33	215 48		...	Rain	...	...	...	..	...	..	.	...						...	...
Quetta ...					235 06	220 12	195 14	215 29	225 49										...	285 14	290 22	300 16	265 25	265 24	...	...
Sargodha —	145 07	155 10	150 09	145 09	290 09	210 11	225 23	220 29	225 10	035 15	040 21	085 16	130 19	175 21	210 21	015 07	015 12	015 15	170 07	195 10	190 05	...	...	.		...
Skardu ...		...				...	...	..	—				...	...	...					—	...	..	..	..	..	—
Sylhet ...	075 08	175 10	265 09	175 10	245 14	245 23	...	.	.	225 07	265 07	275 07	...	...	...	265 12	260 13	255 //	185 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	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 .	250 20	250 27	275 25	260 20	255 35	240 33	250 48	275 28	275 04	265 35	270 49	255 57	255 55	—	..	..	...	—
Multan ...	305 04	305 09	260 14	260 18	245 21	235 17	225 32	225 35	245 38	245 49	295 74	...						
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 [illegible] negative temperatures.

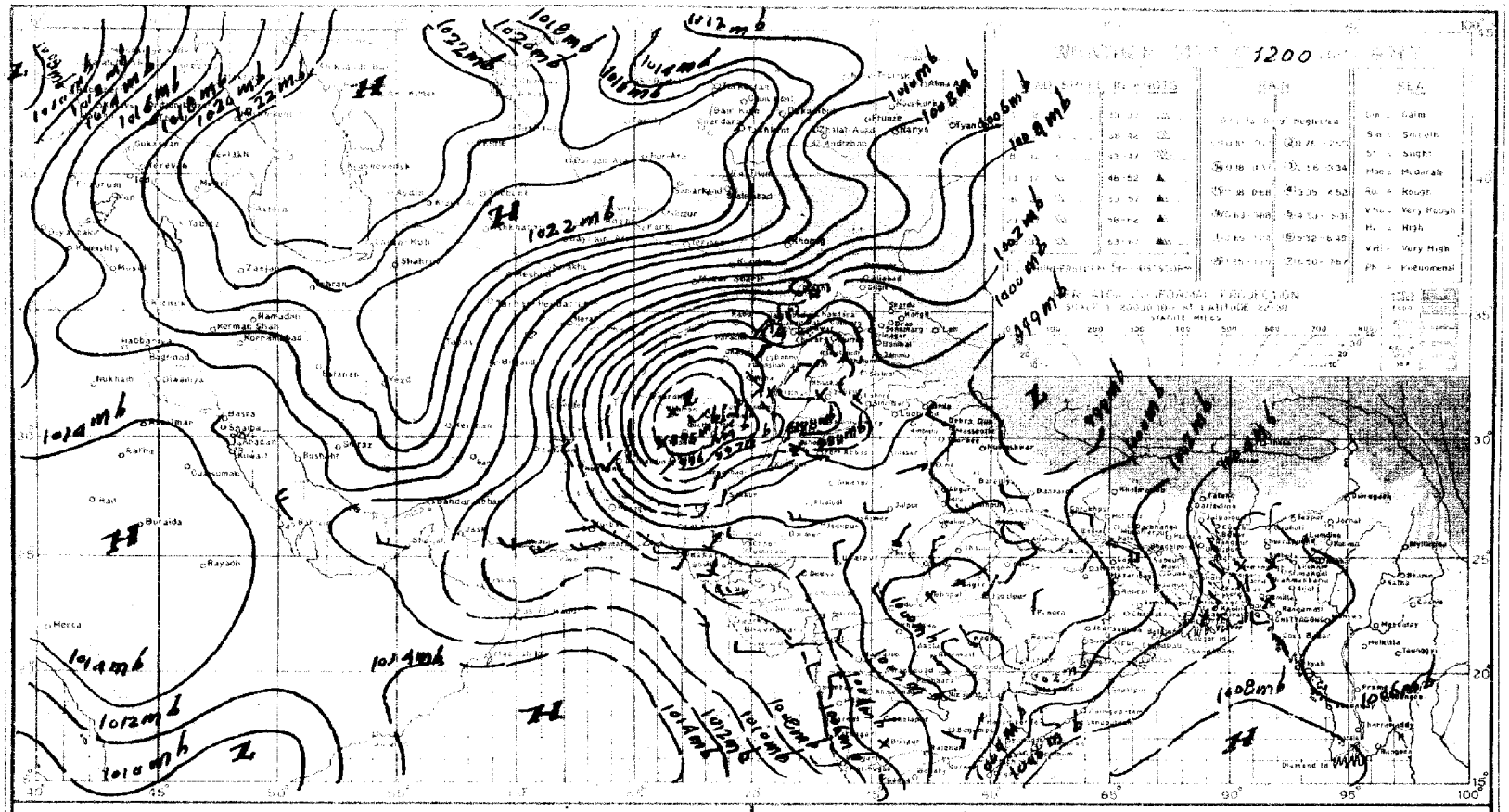
† The actual time of observations may vary within half an hour of the specified time.

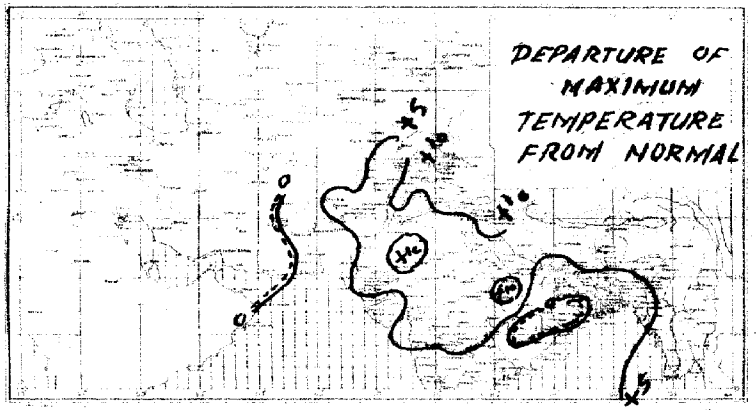
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" omitted.

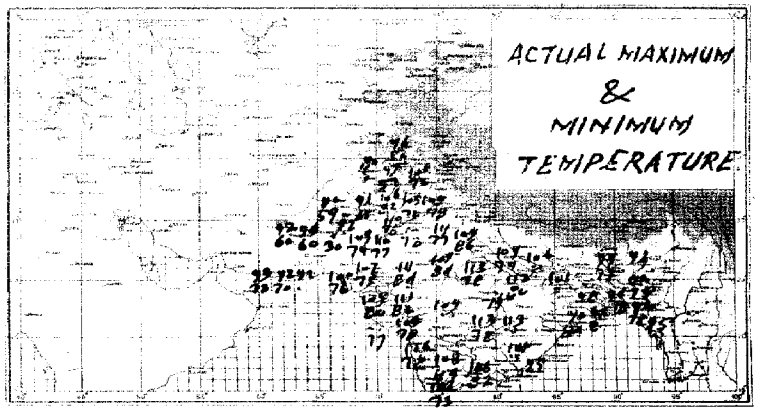
The accuracy of individual entries in this report [illegible] can be ascertained. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

SUNDAY 26th APRIL, 1970

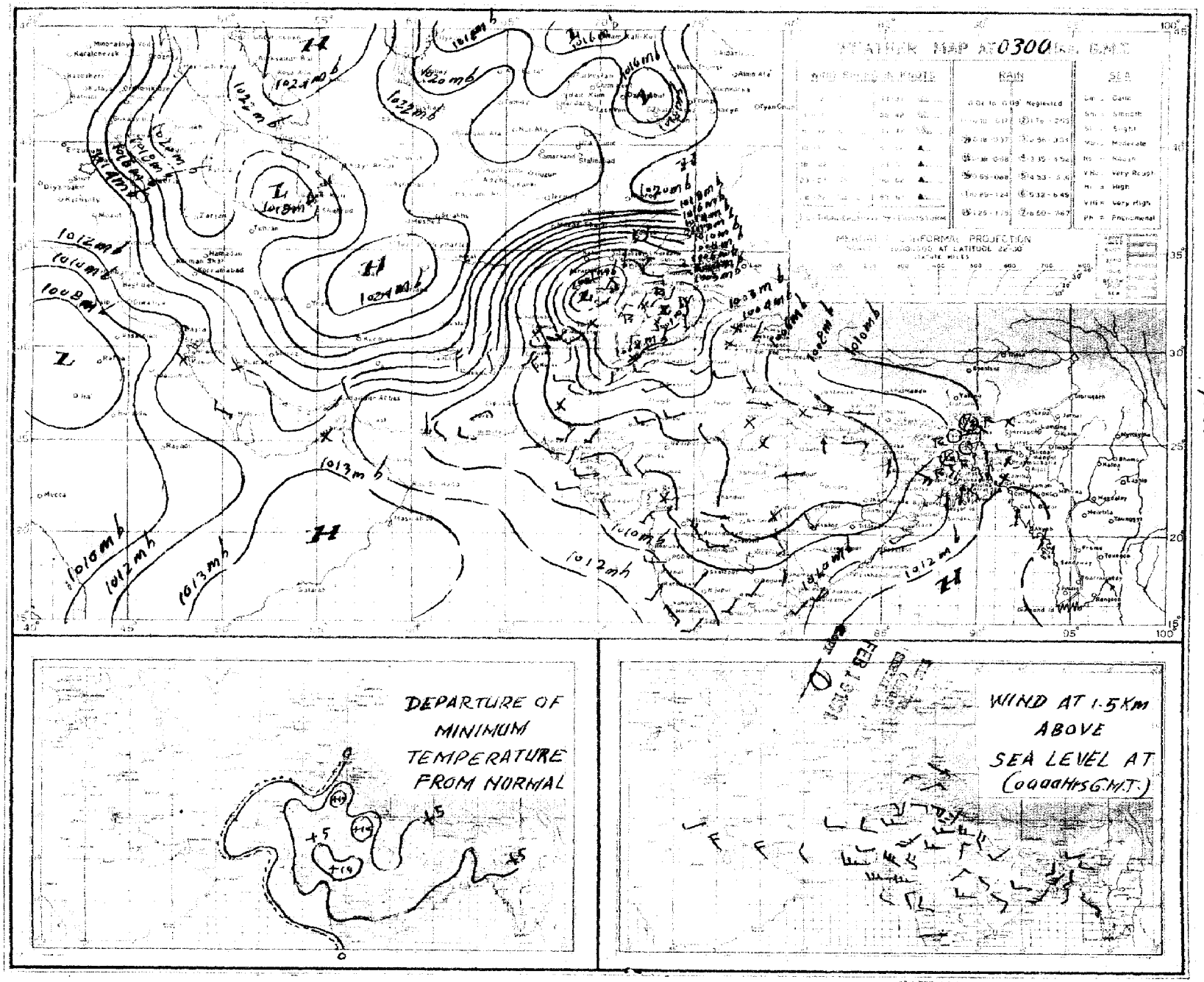






PAKISTAN DAILY WEATHER MAP

MONDAY 27th APRIL, 1970.



Weather map

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

TUESDAY THE 28th APRIL, 1970.

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

Yesterday's western disturbance north of Afghanistan moved away eastwards. Its secondary now lies over Lahore division and adjoining areas.

The secondary western disturbance over Afghanistan and adjoining areas now lies over Peshawar division and neighbourhood. A few thunderstorm/light showers have occurred in Rawalpindi, Sargodha and Peshawar divisions.

The seasonal trough of low pressure over Chotta Nagpur and West Bengal persists.

Yesterday's westerly low pressure wave over northern districts of East Pakistan moved away eastwards.

Local thunderstorms/showers have been reported from Rajshahi division. Rajshahi reported ½" rainfall.

Day temperatures were 3—8 °F (2—4 °C) below normal in Peshawar and Quetta divisions and 9—17 °F (5—9 °C) above normal in Rawalpindi and Sargodha divisions and 3—8 °F (2—4 °C) so in East Pakistan, Lahore, Kalat and Hyderabad divisions.

Forecast valid until the evening of 29th April, 1970 :—Local thunderstorm/showers with squally winds are likely to occur in Rajshahi, Dacca and Khulna divisions. Scattered in Chittagong, Peshawar, Malakand, Rawalpindi, Lahore and Sargodha divisions. A few dust/thunderstorms are likely in Quetta and Multan divisions.

Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 28th April, 1970.

OBSERVATIONS

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

Columns 3–19: At 12 Hrs. G.M.T. of Previous day. Columns 20–36: At 0300 Hrs. G.M.T. of date. Columns 37–38: Departure from Normal of. Columns 39–42: Rainfall.

DIVISION (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Heights of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	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 April, 1970 to-date (39)	Departure from normal (40)	Since 1st January, 1970 to-date (41)	Annual Normal † (42)
Chittagong	Rangamati	000	0	2	23	02	97	01	0	167	//	1	1	7	0	0	73	95	000	0	3	18	05	98	03	0	125	92	3	3	6	0	0	76	80	—	—	—	—	—	—
	Cox's Bazar	000	0	5	18	02	96	02	0	069	87	4	4	5	0	0	73	95	000	0	3	18	08	96	01	0	///	97	2	5	5	3	0	76	76	+ 6	+ 2	—	—	-	140
	Chittagong	000	0	3	23	08	96	03	1	083	87	3	4	4	3	0	75	91	000	0	5	23	05	96	02	2	120	88	5	8	4	0	0	77	78	+ 2	+ 4	5.4	+ 0.4	5.9	109
	Maijdee Court	000	0	0	18	02	96	00	0	000	90	0	0	9	0	0	73	94	000	9	4	19	03	96	03	2	///	88	3	2	5	2	0	73	77	+ 5	0	7.8	+ 3.3	1.7	115
	Comilla	000	0	0	00	00	96	02	0	043	73	0	0	9	0	0	90	//	000	0	1	08	05	96	02	0	105	88	0	0	9	0	1	84	77	—	+ 4	3.5	— 1.7	6.8	94
	Brahmanbaria	000	0	2	00	00	97	01	1	068	90	2	5	5	8	0	73	94	000	0	4	18	07	97	03	1	098	88	3	5	5	0	0	77	77	—	—	3.9	— 2.2	6.0	78
	Sylhet	000	0	4	00	00	96	03	0	066	90	0	0	9	0	1	75	91	...																	—					—
	Srimangal	000	0	0	00	00	96	02	0	069	91	0	0	9	0	0	73	95	000	0	3	13	09	96	02	0	112	88	2	9	5	7	0	76	76	+ 5	+ 7	3.4	— 5.6	8.5	98
Dacca	Mymensingh	000	0	4	00	00	96	02	0	066	90	2	4	5	2	0	58	94	000	0	6	00	00	97	02	1	103	84	6	5	6	0	0	75	78	+ 7	0	0.2	— 4.7	2.4	91
	Narayanganj	000	0	2	32	02	95	02	2	062	91	3	5	6	3	1	75	91	000	0	7	13	02	97	00	2	095	88	5	5	4	3	1	77	80	0	+ 1	6.0	+ 1.2	9.9	74
	Dacca (Tejgaon)	000	0	1	13	09	97	01	0	062	90	1	0	9	3	0	73	95	000	0	6	23	05	97	03	0	097	98	5	8	4	0	0	77	78	—	—	1.9	—	4.3	—
	Faridpur	000	0	4	20	02	97	02	2	050	91	3	3	5	1	0	99	95	000	0	6	16	09	97	02	2	102	88	4	4	5	1	0	77	79	+ 3	—	2.6	— 1.6	4.9	71
Khulna	Barisal	000	0	1	18	03	97	01	0	068	87	1	5	5	0	0	75	94	000	0	4	18	03	97	03	1	100	96	4	3	4	0	0	79	79	+ 3	+ 2	—	—	—	81
	Khulna	000	0	0	00	00	97	00	0	027	91	0	0	9	0	0	75	96	000	0	2	00	00	97	02	0	091	90	2	0	9	1	0	79	80	+ 3	—	—	—	—	68
	Satkhira	000	0	4	18	03	97	03	1	057	90	2	2	8	2	0	75	94	000	0	6	18	01	97	08	0	148	88	2	3	1	0	0	73	82	— 1	—	1.4	— 1.2	5.1	61
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	15	10	97	01	2	088	88	3	3	4	0	0	75	78		—	4.0	+ 0.9	7.8	65
Rajshahi	Pabna	000	0	8	13	05	98	//	/	044	94	3	2	6	0	0	73	96	003	3	7	13	05	98	02	6	088	86	7	6	6	0	0	79	73	—	—	—	—	—	51
	Sirajganj	000	0	2	18	03	96	01	2	059	90	2	0	7	3	0	73	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					64
	Rajshahi	000	0	6	18	02	96	02	0	043	95	4	6	5	3	0	73	96	040	5	6	18	03	96	02	6	088	86	5	4	4	3	0	77	72	+ 5	—	—	—	—	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	0	2	17	02	96	01	9	089	82	2	0	9	3	0	73	77		—	—	—	—	69
	Dinajpur	000	0	4	09	02	96	01	1	062	87	4	0	9	2	1	77	//	—	..	..	..	...	..	..	...	...	...	...	...	...	...	..	...	...	—					73
	Rangpur	000	0	2	00	00	96	01	0	054	83	2	0	9	1	0	75	96	...	..	..	...	...	...	..	...	...	...	...	...	...	..		...	—	+ 6					84
Kashmir	Jammu																																								-
Lahore	Lahore (Jail Rd.)	000	0	0	18	09	96	06	0	992	102	0	0	9	0	0	36	105	008	0	0	04	03	96	06	1	044	87	0	0	9	0	0	51	78	+ 5	+ 12	0.0	— 0.6	2.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	—	000	0	0	00	00	97	00	0	030	76	0	0	9	0	0	44	//			—	—	—	33
Rawalpindi	Jhelum	000	0	4	31	03	97	03	0	988	99	2	3	5	0	0	44	107	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	96	01	6	///	57	2	3	8	0	0	45	72		—	—	—	—	—
	Rawalpindi	000	0	2	27	05	98	00	0	011	86	0	0	8	6	0	59	109	000	0	1	09	02	99	00	9	057	77	0	0	9	0	4	50	68	+ 17	+ 5	—	—	—	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	5	36	11	97	01	1	999	108	0	0	9	0	5	84	110	000	0	8	00	00	97	03	2	064	80	6	5	8	4	0	64	68	+ 11	—	0.0	— 0.9	1.8	15
	Sargodha	000	0	1	05	07	97	01	0	992	97	1	0	9	3	1	55	101	000	1	7	13	20	97	95	9	059	80	7	9	6	0	8	52	69	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	16	08	96	00	0	990	96	0	0	9	0	0	63	100	000	9	0	29	02	96	00	9	048	82	0	0	9	0	0	39	76	+ 3	+ 9	0.1	— 0.5		13
Multan	Sahiwal	000	0	5	31	09	96	21	0	003	95	8	1	5	0	0	47	101	000	0	0	36	05	96	06	0	050	82	0	0	9	0	0	56	71	+ 1	0	0.1	— 0.2	0.9	18
	Multan	000	0	0	36	06	95	00	0	995	100	0	0	9	0	0	75	100	000	0	0	36	02	93	00	0	022	86	0	0	9	0	0	59	72	—	—	—	—	—	7
	Leiah																																								8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	03	96	05	0	000	82	0	0	9	0	0	48	70		— 1	—	—	—	6
	Bahawalpur	000	0	0	00	00	94	07	0	007	98	0	0	9	0	0	58	100	080	0	0	00	00	96	00	0	053	84	0	0	9	0	0	41	72	— 1	+ 1	—	-	—	6
	Fort Abbas	000	0	0	27	13	96	00	0	095	104	0	0	9	0	0	58	105	080	0	0	27	02	98	00	0	059	95	0	0	9	0	0	78	//	—	—	—	—	—	8
Malakand	Chakdra	005	7	7	23	05	98	00	9	003	74	7	0	9	1	0	52	75	005	0	0	05	05	98	02	0	070	66	0	0	9	0	0	54	59	—	—	—	—	—	—
Peshawar	Peshawar	000	0	3	36	02	97	01	9	029	84	7	1	6	3	0	59	84	000	0	1	00	00	97	01	0	071	83	1	0	9	3	0	54	64	— 6	—	—	—	—	11
	Haripur	000	0	0	13	05	97	02	0	065	90	0	0	9	0	0	35	100	000	0	0	05	02	97	00	0	072	76	0	0	9	0	0	60	65	—	—	0.3	—	7.7	—
D. I. Khan	Bannu	000	0	5	13	02	99	02	1	009	93	5	2	7	0	0	40	96	000	0	2	13	02	99	01	1	070	73	0	0	9	0	5	51	66	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	3	00	00	97	02	1	002	97	5	0	9	0	0	50	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		..	—					9
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	081	80	0	0	9	0	0	36	79		—	0.0	—	0.9	5
	Nokkundi	000	0	0	31	17	97	02	0	102	82	0	0	9	0	0	14	83	000	0	0	36	07	97	02	0	144	67	0	0	9	0	0	47	61	—	—	0.0	—	2.5	2
Kalat	Turbat	000	0	0	05	02	98	00	0	150	97	0	0	9	0	0	51	97	000	0	0	05	03	98	00	0	137	83	0	0	7	0	0	//	79	—	—	0.0	—	0.7	—
	Jiwani	000	0	0	23	10	96	02	0	063	92	0	0	9	0	0	45	96	000	0	0	09	03	96	02	0	106	82	0	0	9	0	0	52	71	—	—	0.0	—	3.3	3
	Pasni	000	0	0	25	08	97	02	0	082	95	0	0	9	0	0	63	100	000	0	0	79	12	97	02	0	088	82	0	0	9	0	0	30	72	+ 8	+ 2	0.0	— 0.4	2.5	6
Karachi division	Ormara	000	0	0	27	12	96	02	0	068	94	0	0	9	0	0	75	97	000	0	0	00	00	96	02	0	102	81	0	0	9	0	0	59	//	—	—	0.0	— 0.6	2.9	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	089	68	0	0	9	0	0	75	73	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	25	09	97	02	0	054	95	0	0	9	0	0	78	86	000	0	0	27	05	96	02	0	086	81	0	0	9	0	0	67	75	— 1	— 1	0.0	— 0.2	1.1	8
	Karachi (Airport)	000	0	0	27	09	96	01	0	052	93	0	0	9	0	0	68	96	000	0	0	00	00	94	02	0	086	82	0	0	9	0	0	45	74	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	077	109	0	0	9	0	0	09	114	000	0	0	05	02	97	02	0	110	89	0	0	9	0	0	89	89	—	—	0.0	—	0.1	—
	Chhor	000	0	0	27	12	96	02	0	026	102	0	0	9	0	0	52	104	000	0	0	00	00	96	02	0	069	79	0	0	9	0	0	70	68	—	+	0.0	—	2.5	7
	Hyderabad	000	0	0	21	05	97	02	0	032	104	0	0	9	0	0	48	106	000	0	0	00	00	97	02	0	079	80	0	0	9	0	0	67	72	+ 1	— 3	0.2	+ 0.1	1.3	9
	Badin	000	0	0	23	10	57	02	0	064	103	0	0	9	0	0	59	106	000	0	0	23	03	57	02	0	081	78	0	0	9	0	0	73	75	+ 3	0	—	— 0.0	0.1	—
Khairpur	Padidan	000	0	0	23	07	96	02	0	027	102	0	0	9	0	0	31	106	000	0	0	00	00	96	02	0	089	77	0	0	9	0	0	45	62	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	27	12	96	06	0	026	105	0	0	9	0	0	38	105	000	0	0	00	00	96	02	0	083	81	0	0	9	0	0	51	68	—	—	0.0	—	0.4	4
	Sukkur	000	6	0	16	05	96	02	0	009	98	0	0	9	0	0	68	//	000	0	0	31	05	95	05	4	064	76	0	0	9	0	0	65	71	—	—	0.0	—	0.9	—
	Kashmore	000	0	0	03	05	98	02	0	024	110	0	0	9	0	0	53	112	..																	—					4
	Jacobabad	000	0	0	27	10	96	02	0	029	103	0	0	9	0	0	68	103	000	0	0	05	12	96	05	0	046	85	0	0	9	0	0	63	72	— 2	— 2	0.0	— 0.2	2.1	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar * ...																																								—
	Gulmarg ** ...																																								71
	Sonamarg ** ...																																								26
	Dras ** ...																																								3
	Leh ** ...																																								6
	Skardu * ...																																								—
	Misgar ** ...																																								—
	Aliabad * ...																																								8
	Gilgit * ...																																								59
Rawalpindi	Murree * ...																																								18
Malakand	Drosh * ...																																								19
Peshawar	Cherat * ...	003	9	8	24	10	98	05	6	463	69	8	9	6	0	0	47	71	000	0	0	18	09	98	02	0	473	67	0	0	9	0	0	37	60	— 7	— 1	0.5	— 1.1	4.0	—
	Kakul * ...	004	4	3	31	05	98	01	9	458	75	3	0	9	3	0	50	77	..	..	..	..	..	...	...	..	...	...	...	...	..	..	..	..	...	—					—
	Landikotal * ...	000	0	4	36	02	98	01	0	439	79	4	3	5	0	0	62	80	000	0	0	31	05	98	02	0	457	62	0	0	9	0	0	45	56	—	—	1.5	—	5.3	29
	Prachinar * ...	..	...	...	...	...		...	..		..	..	...	...	..	..	..	..	006	0	0	00	00	98	02	0	492	59	0	0	9	0	0	35	50		0	0.3	—	5.4	12
	Miranshah * ..	000	0	05	05	05	99	00	0	445	92	0	0	9	0	0	72	96	001	0	0	05	05	99	00	0	472	73	0	0	9	0	0	60	//	—	—	0.0	— 1.3	0.1	11
D.I. Khan	Wana * ...																																								13
Quetta	Fort Sandeman * ...	000	8	3	31	12	97	03	1	447	83	3	4	7	0	0	03	83	000	0	0	00	00	97	02	0	490	64	0	0	9	0	0	32	57	— 3	— 2	0.5	— 0.4	3.3	—
	Hindubagh * ...	000	0	0	23	19	97	02	0	///	69	0	0	9	0	0	//	72	000	0	0	23	09	98	02	0	///	54	0	0	9	0	0	38	40	—	—	0.0	—	1.6	9
	Loralai * ...	000	0	6	18	04	97	01	0	445	78	0	0	9	0	6	52	80	000	0	0	09	04	98	00	0	445	58	0	0	9	0	0	39	56	—	—	0.1	—	2.2	—
	Barkhan * ...																																								14
	Harnai * ...	000	0	0	31	05	96	02	0	444	58	0	0	9	0	0	//	90	000	0	0	31	02	96	02	0	461	76	0	0	9	0	0	19	64	—	—	0.0	— 0.8	3.8	9
	Samungli (Quetta) * ...	000	0	0	31	12	96	02	0	492	70	0	0	9	0	0	50	72	000	0	0	00	08	96	02	0	514	57	0	0	9	0	0	36	42	—	—	0.1	— 0.9	3.0	9
	Chaman * ...	000	0	0	27	05	97	90	0	533	73	0	0	9	0	0	37	75	000	0	0	00	00	97	00	0	519	59	0	0	9	0	0	29	56	— 8	— 2	0.0	— 0.7	7.7	—
	Nushki * ...	000	0	0	31	05	97	02	0	547	79	0	0	9	0	0	35	92	000	0	0	00	00	97	02	0	551	62	0	0	9	0	0	18	56	—	—	0.0	—	3.5	4
	Dalbandin * ...	000	0	0	05	03	97	02	0	511	83	0	0	9	0	0	18	84	000	0	0	08	00	97	02	0	508	63	0	0	9	0	0	29	52	— 8	— 11	0.0	— 0.3	3.3	7
Kalat	Kalat * ...	000	0	0	11	04	97	00	2	502	62	0	0	9	0	0	48	85	000	0	0	05	02	98	00	2	509	52	0	0	9	0	0	30	30	+ 7	— 18	—	— 0.5	3.0	—
	Khuzdar * ...	000	0	0	27	09	97	02	0	470	79	0	0	9	0	0	20	82	000	0	0	31	02	96	02	0	489	45	0	0	9	0	0	29	63	—	—	0.0	—	2.6	5
	Panjgur * —																																								-

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th APRIL, 1970.

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	$7RR\,t_Rt_R$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABAIN SEA														
Ohrmazd	99 1 11	10 7 48	27 0 40	62 7 02	99 0 30	14 0 30	34 ///	...						
Karanja	99 0 44	10 5 85	27 1 23	72 9 04	98 0 32	11 2 29	74 4 5/	44 5 10						
Geres	99 1 63	10 5 71	27 1 84	09 9 04	98 0 20	10 8 27	05 9 00	13 4 00						

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface (PoPoPo ToToTo DoDo)	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			At surface and Standard Isobaric Levels — hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 256 10	...	460 212 57	051 122 56	587 055 56	759 139 56	971 289 57	248 497 //	430 651 //		...	...	...
Dacca ...	00 00	008 272 21	...	445 180 35	118 080 56	581 006 560	753 155 59	965 289 59	243 489 //	427 621 //	670 35/ //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 220 56	...	440 154 58	870 590 //	580 825 //	574 000 //	970 221 //	259 265 //	...	...	...	...	...
Multan ...	00 00	989 240 62	...	400 224 20	089 090 //	576 1644 //	741 251 //	947 315 //	...	...	...	...	...	...
Peshawar ...	00 00	999 182 22	...	400 964 39	006 054 35	572 141 //	739 235 //	944 351 //	221 435 //	412 501 //	...	...	...	...
Quetta ...	00 00	MISDA	...							...	...	...	...	...
Sargodha ...	00 00	991 260 45	...	530 160 50	136 034 58	578 131 //	745 225 //	951 335 //	230 411 //	...	...	...	...	...

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					...	...	...	...	...	...	...	...
Dacca ...	00 00	900 184 33	800 152 50	690 805 56	350 203 59	...	...	...	...	...	...	...	...
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)

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 ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	315 09	050 07	175 08	180 01	195 21	210 17	205 31	200 41
Chhor ...	235 10	260 11	260 11	255 17	240 28	240 31	260 28	265 33	255 41
Chittagong ...	...	...	...	...	...	...	...	...	
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	225 07	230 11	230 10	225 11	215 10	210 05	095 03	015 03	255 02
Dacca ...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	270 04	270 11	290 12	300 14	300 26	305 34	295 37
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	
Fort Sandeman ...	...	...	...	210 22	220 12	300 06	260 13	250 26	255 32
Gilgit ...	...	...	...	...	180 10	...	...	...	...
Ishurdi ...									
Jacobabad ...	285 21	290 17	275 15	275 13	245 15	250 24	310 27	/// //	035 33
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	290 06	275 08	275 06	155 09	145 17	150 29	180 29	200 37	195 49
Jiwani ...	180 19	190 05	230 03	250 10	355 13	315 19	280 28	260 31	240 36
Karachi ...	290 11	305 15	295 13	285 16	270 22	255 28	265 24	285 22	285 29
Khanpur ...	230 16	230 19	235 20	230 23	240 25	345 29	255 15	255 20	...
Khuzdar ...	...	...		310 17	285 09	275 15	285 48	...	...
Lahore ...	195 12	190 19	195 32	195 23	280 20	190 21	180 29	...	...
Multan ...	335 12	335 15	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...		...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...		
Peshawar ...	...	025 05	025 06	040 04	320 04	255 09	220 33	205 28	185 29
Parachinar ...	...	...	...	...	...	...		...	
Quetta ...	...	...		...	255 15	255 19	305 17	285 25	275 52
Sargodha ...	020 07	015 11	010 11	040 07	110 10	140 19	190 21	200 24	200 26
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
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 ...	190 13	190 12	200 17	230 10	250 11	290 09
Bogra ...	155 10	...	...	...	...	...
Chaklala ...	...	...	...			
Chhor ...	335 13	225 07	340 05	350 10	335 14	355 18
Chittagong ...	200 06	205 10	210 10	205 11	205 12	235 10
Cherat ...		...	...			
Cox's Bazar ...	165 06	175 05	220 06	240 07	220 10	225 15
Dacca ...	...	...				
Dalbandin ...		...	215 03	305 10	330 21	350 23
D. I. Khan ...	315 13	350 10	035 16	305 03	034 03	330 03
Drosh ...	...	...	...		...	
Fort Sandeman ...	...	...	...	265 05	295 09	320 08
Gilgit ...	...			...	...	...
Ishurdi ...	175 08	185 07	170 06	...	...	...
Jacobabad ...	335 24	315 20	215 20	310 17	295 15	...
Jessore ...	225 12	215 17	230 19	225 15	...	...
Jhelum ...	345 17	005 14	350 10	240 05	150 03	340 12
Jiwani ...	060 21	070 28	075 20	015 13	330 10	350 14
Karachi ...	315 28	325 25	325 24	305 21	285 23	285 21
Khanpur ...	230 06	215 07	220 05	240 11	275 12	270 12
Khuzdar ...		...	315 08	230 18	335 29	...
Lahore ...	045 12	040 10	035 06	310 03	280 05	285 09
Multan ...	065 09	050 10	340 06	010 03	010 04	350 03
Nawab Shah ...	330 15	335 12	325 09	255 14	225 16	265 24
Nokkundi ...	...	...	...	...	...	...
Panjgur ...	...	...	...			
Peshawar ...	355 07	355 13	315 09	315 10	300 11	330 10
Parachinar ...	...	...	...	...		...
Quetta ...	...	...	...		320 07	
Sargodha ...	100 05	060 15	045 06	075 04	350 06	325 17
Skardu ...	...	...			...	...
Sylhet ...	235 12	240 35	220 12	205 09	...	...
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 ...	210 08	210 10	220 10	225 10	...	...	...	...	...	...	...
Bogra ...	190 11	200 12	210 16								...
Chaklala ...	...	180 02	225 07	125 03	165 05	170 03	240 12	250 21	230 25	...	...
Chhor ...	360 04	350 08	295 09	250 14	260 18	265 32	270 28	280 30	290 32	280 39	...
Chittagong ...	195 04	180 07	185 06	190 13	195 07	230 13	315 12	330 13	...	...	...
Cherat ...	...	...		...		...	...		...	...	...
Cox's Bazar ...	225 10	215 13	210 13	/// //	180 10	/// //	315 08	/// //	335 09	...	...
Dacca ...	190 09	195 13	200 17	205 27	210 31	...					...
Dalbandin ...	...		335 01	340 04	345 14	325 15	305 21	250 29	290 34	290 35	310 41
D. I. Khan ...	025 08	025 11	025 10	015 09	005 05	065 05	235 10	225 12	225 13	265 14	260 32
Drosh ...	...	...	...	...		...	...				
Fort Sandeman ...	...	...	...	340 05	335 06	250 03	275 12	275 29	245 23	190 29	275 31
Gilgit ...	...			...	...	...	...	...	...	...	...
Ishurdi ...	185 19	199 18	219 15			...	...	...	...	...	...
Jacobabad ...	345 10	335 15	330 13	305 18	270 07	...	...	...	...	...	...
Jessore ...	210 14	205 19	205 29	200 23	215 13		...	...	...	...	...
Jhelum ...	240 14	245 09	230 03	215 03	200 07	265 03	140 11		...	...	...
Jiwani ...	100 11	040 10	035 11	030 08	335 10	345 14	310 22	300 23	300 23	295 36	280 47
Karachi ...	301 12	005 07	005 09	320 09	315 11	280 17	290 24	295 26	295 37	...	...
Khanpur ...	010 13	005 12	010 12	010 11	350 11	345 09	280 15	270 17	285 15	260 17	285 31
Khuzdar ...	...	...	...	335 09	340 18	345 29	345 19	320 19	290 28	285 47	...
Lahore ...	030 02	050 03	055 02	080 03	195 03	205 06	210 13	210 15	...	...	...
Multan ...	...	...			...					...	...
Nawab Shah ...	355 06	360 08	345 08	255 08	270 14	285 25	295 31	295 79	295 41	...	...
Nokkundi ...	...	...	...	...	...	...	...		...	...	...
Panjgur ...	...	...	...							...	...
Peshawar ...	...	110 04	005 04	090 05	300 03	200 09	215 20	225 17	240 23	240 28	245 51
Parachinar ...	...	...	...	...	130 05	200 02	260 10	271 16	270 21	250 39	260 39
Quetta ...	...	...	...	...	005 07	340 16	325 24	325 31	...	...	...
Sargodha ...	045 08	050 07	065 04	210 04	205 03	220 05	...	...	...		...
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 ...	315 23	325 25	325 24	305 21	285 25	285 21	265 18	245 28	245 33	290 46	270 60	270 63	...	...	...	...	...	...
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

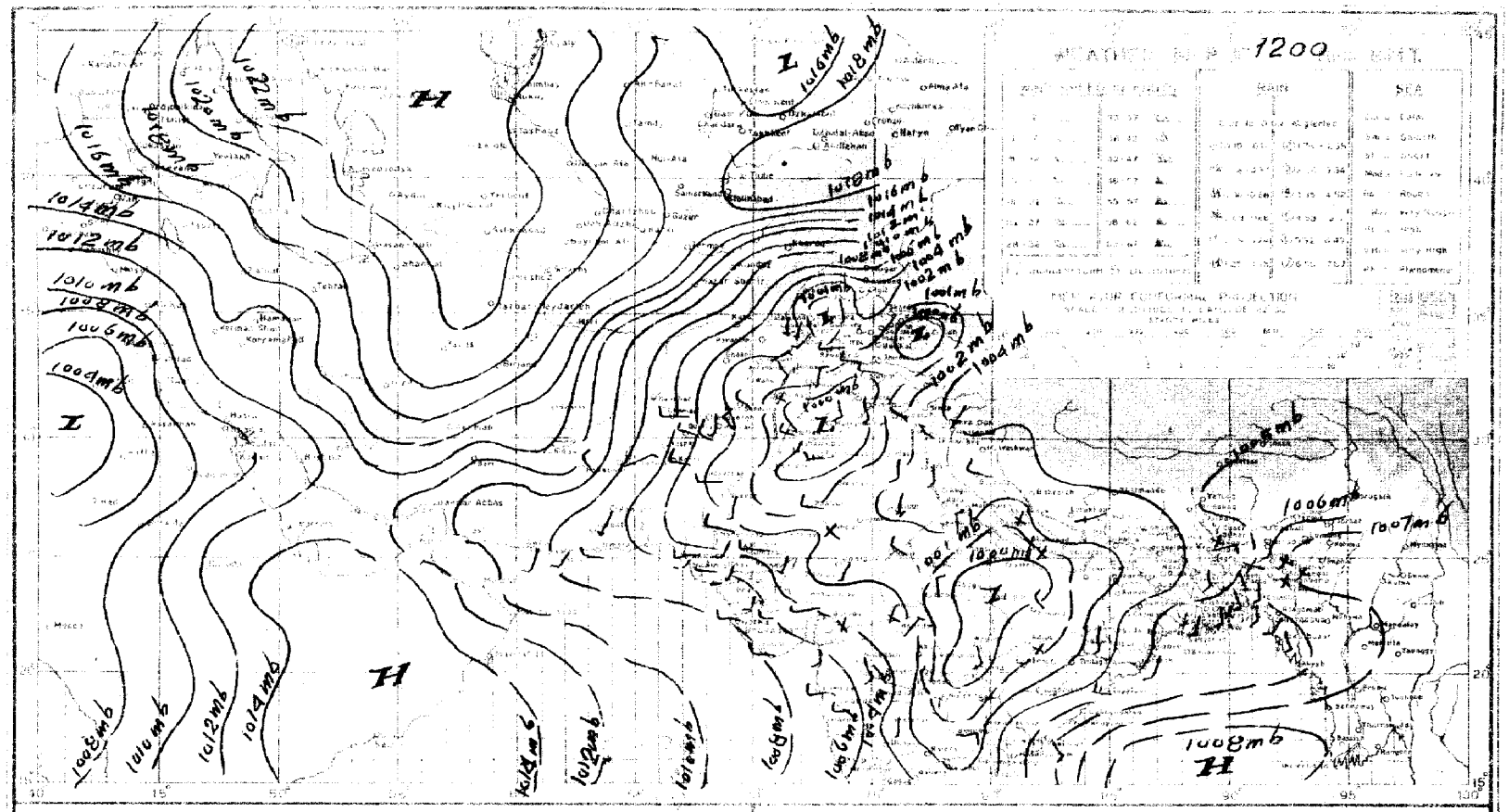
* The actual time of observations may vary within half an hour of the specified time.

† 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 Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 27th APRIL 1970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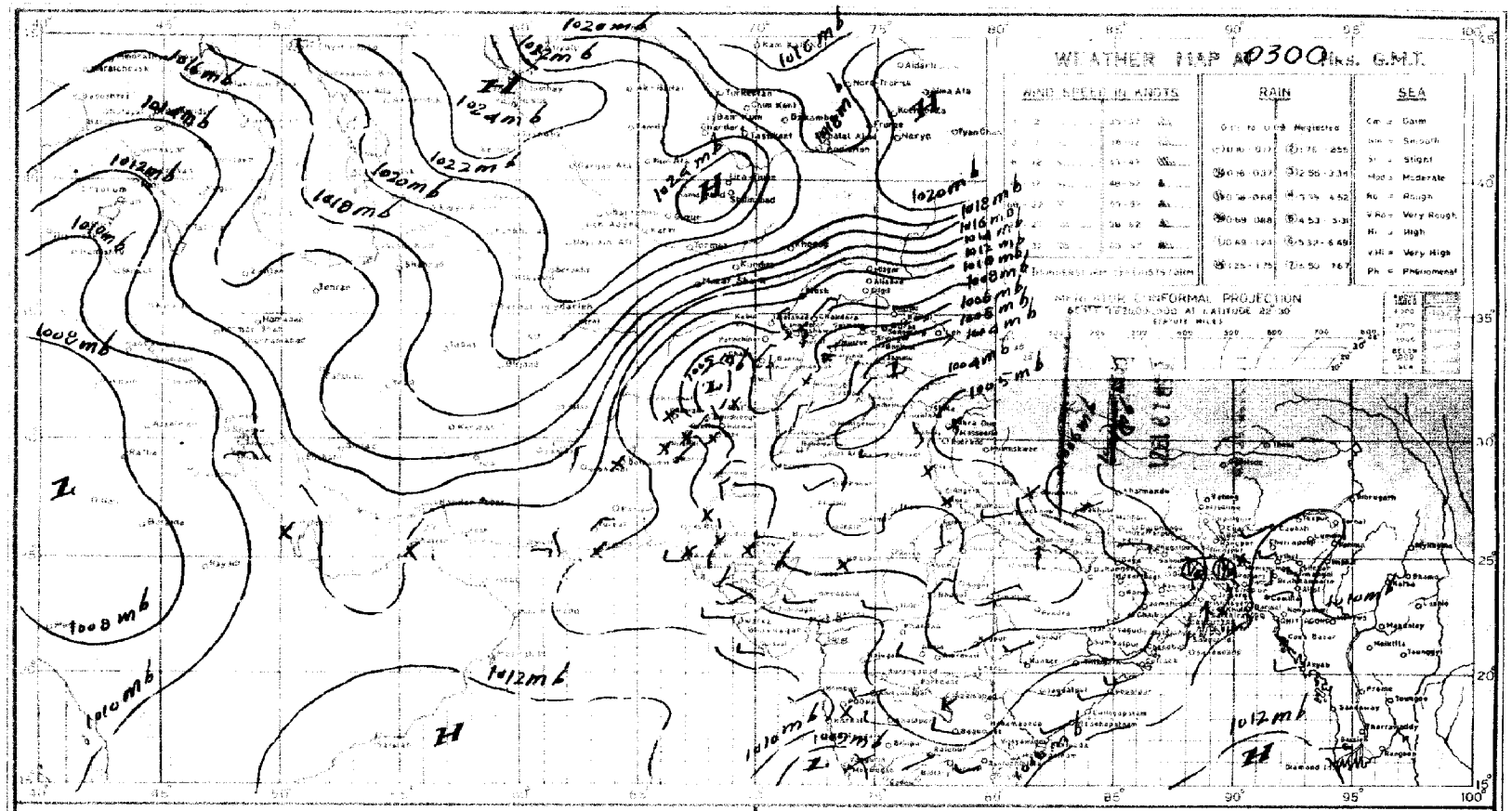
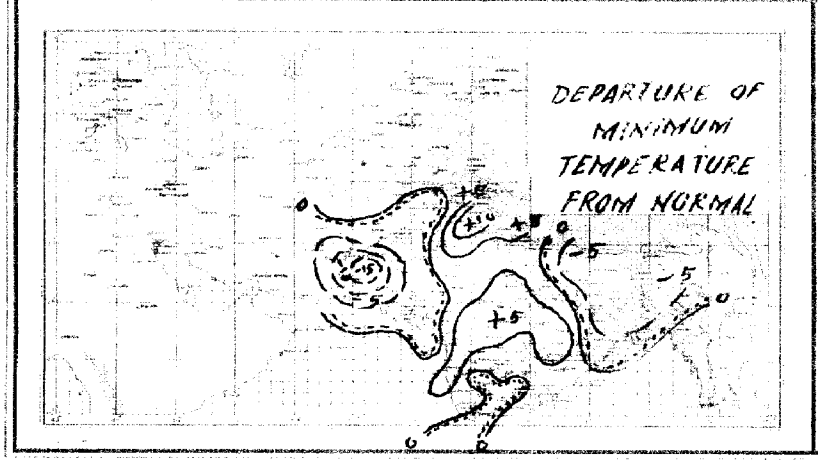
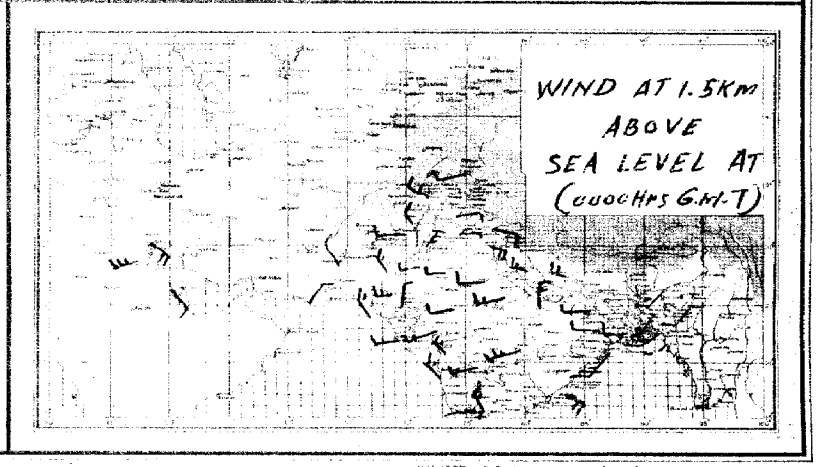
PAKISTAN DAILY WEATHER MAP

TUESDAY 28th APRIL 1970







Weather Bur

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

WEDNESDAY THE 29th APRIL, 1970.

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

Yesterday's secondary western disturbance over Peshawar division and neighbourhood is moving across Kashmir.

A fresh western disturbance lies over East Russian Turkistan. Its secondary lies over Quetta division and adjoining areas. Scattered rain/thundershowers have occurred in Peshawar division.

A trough of low pressure lies over Behar and adjoining West Bengal.

A westerly low pressure wave is moving across northern divisions of East Pakistan.

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

Chief amounts of rainfall recorded are :—Sylhet 1½" (upto 0000 Z) Kakul and Dinajpur ½".

Day temperatures were 3—5 °F (2—3 °C) below normal in Quetta, Kalat, Hyderabad and Khairpur divisions and to the same extend above normal in East Pakistan, Sargodha and Karachi divisions.

Forecast valid until the evening of 30th April, 1970 :—Local thunderstorm/showers are likely to occur in Rajshahi, Khulna and Dacca divisions. Scattered in Chittagong, Peshawar, Malakand and Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely to occur in Lahore, Sargodha, Multan and Quetta divisions. Dry weather will prevail elsewhere in West Pakistan.

Karachi-11
The 29th April, 1970.

O B S E R V A T I O N S

M. NASIM-UD-DIN QURESHI
for Director, Meteorological Service.

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

Division (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility† VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) * PPP (11)	Dry Bulb temperature * TT (12)	Amount of Lowest Cloud † Nh (13)	Low 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	23	05	96	01	0	092	90	1	1	7	0	0	72	96
	Cox's Bazar —	000	0	3	25	05	96	02	0	073	86	2	2	5	3	0	73	91
	Chittagong —	000	0	2	23	10	96	01	1	066	87	2	8	4	0	0	76	91
	Maijdee Court —																	
	Comilla —	000	0	0	18	05	96	02	0	051	86	0	0	9	0	0	86	93
	Brahmanbaria —	000	2	0	18	07	97	00	1	041	85	0	0	9	0	0	76	93
	Sylhet —	087	0	6	35	05	96	29	9	045	74	4	5	5	2	0	73	90
	Srimangal —	080	0	7	23	05	96	02	0	048	90	5	9	4	7	2	70	95
Dacca	Mymensingh —	000	0	5	00	00	96	02	2	035	91	5	5	6	0	0	72	93
	Narayanganj —	000	0	0	13	05	95	00	0	041	91	0	0	9	0	0	82	91
	Dacca (Tezgaon) —	000	0	0	18	05	97	07	0	036	91	0	0	9	0	0	73	95
	Faridpur —	000	0	2	20	02	97	01	1	[illegible]	93	2	5	6	0	0	72	96
Khulna	Barisal —	000	0	0	18	07	97	02	0	048	87	0	0	9	0	0	78	91
	Khulna —	000	0	0	00	00	97	00	0	049	91	0	0	9	0	0	63	96
	Satkhira —	008	0	4	00	00	97	01	0	040	91	3	2	8	1	0	76	95
	Jessore —	000	0	2	16	05	97	02	0	036	91	2	5	4	0	0	72	98
Rajshahi	Pabna —	000	0	4	18	05	99	03	1	020	95	4	2	7	0	0	73	96
	Sirajganj —	000	0	0	18	03	96	00	0	032	91	0	0	9	0	0	77	91
	Rajshahi —	000	0	3	18	02	96	03	0	014	96	3	4	5	0	0	73	98
	Bogra —	000	0	5	00	00	96	03	0	029	93	3	5	4	2	0	76	96
	Dinajpur —	000	0	0	00	00	96	00	0	032	87	0	0	9	0	0	78	90
	Rangpur —	000	0	2	00	00	96	01	0	058	82	2	0	9	1	0	78	96
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	0	1	36	04	96	06	0	085	97	1	0	9	3	0	42	99
	Sialkot —	...	...	..	..	...	...	...	..	..	..	...	...	...	...	...	..	
Rawalpindi	Jhelum —	000	0	3	00	00	96	03	0	012	98	3	0	9	7	0	40	100
	Islamabad —	000	0	3	00	00	98	00	0	026	92	3	2	7	0	0	49	94
	Rawalpindi —	...	..	..	...	...	...	...	..	...	..	..	..	..	..	..	...	..
	Campbellpur —																	
Sargodha	Khushab —	000	0	0	00	00	97	06	0	002	105	0	8	9	0	0	77	105
	Sargodha —	000	0	2	30	15	96	04	1	017	96	2	1	6	0	1	46	99
	Lyallpur —	000	0	0	00	00	97	00	0	008	93	0	0	9	0	0	59	98
Multan	Sahiwal —																	
	Multan —	000	0	1	05	02	97	02	0	017	98	1	6	6	0	0	50	99
	Leiah —	000	0	0	36	02	96	02	0	001	107	0	0	9	0	0	80	107
Bahawalpur	Khanpur —	000	0	0	31	03	96	02	0	020	99	0	0	9	0	0	37	//
	Bahawalpur —	000	0	0	00	00	96	00	0	027	98	0	0	9	0	0	60	100
	Fort Abbas —	000	0	0	27	02	95	00	1	997	99	0	0	9	0	0	49	101
Malakand	Chakdra —	000	0	6	23	05	97	03	9	015	86	6	3	7	0	0	48	89
Peshawar	Peshawar —	080	4	3	23	03	97	02	1	033	91	1	3	6	3	2	46	91
	Haripur —	000	0	0	19	03	97	00	0	023	90	0	0	9	0	0	49	92
D. I. Khan	Bannu —	000	0	3	18	02	99	02	1	035	95	3	2	7	0	0	47	96
	D. I. Khan —	000	0	0	00	00	97	02	0	023	98	0	0	9	0	9	50	100
Quetta	Sibi —	006	0	0	18	03	97	02	0	037	103	0	0	9	0	0	66	104
	Nokkundi —	000	0	0	05	09	97	02	0	082	87	0	0	9	0	0	39	89
Kalat	Turbat —	000	0	0	18	02	98	00	0	090	108	0	0	9	0	0	48	100
	Jiwani —	000	0	0	23	18	96	02	0	062	89	0	0	9	0	0	48	95
	Pasni —	000	0	0	25	06	97	02	0	084	94	0	0	9	0	0	74	//
Karachi division	Ormara —	000	0	0	27	12	96	02	0	066	94	0	0	9	0	0	87	97
	Lasbela —	000	0	0	23	01	98	00	0	042	106	0	0	9	0	0	15	110
	Karachi (Manora) —	000	0	0	27	07	97	02	0	055	97	0	0	9	0	0	76	95
	Karachi (Airport) —	000	0	0	27	10	96	05	0	051	97	0	0	9	0	0	51	100
Hyderabad	Nagarparkar —	000	0	0	05	02	97	02	0	077	109	0	0	9	0	0	09	114
	Chhor —	000	0	0	31	09	96	02	0	039	97	0	0	9	0	0	17	101
	Hyderabad —	000	0	0	27	03	97	02	0	049	100	0	0	9	0	0	48	102
	Badin —	000	0	0	27	03	97	02	0	058	103	0	0	9	0	0	59	104
Khairpur	Padidan —	000	0	0	31	05	96	02	0	044	99	0	0	9	0	0	27	101
	Nawabshah —	000	0	0	31	07	96	02	0	053	99	0	0	9	0	0	38	100
	Sukkur —	000	6	0	23	03	96	02	0	043	98	0	0	9	0	0	68	101
	Kashmore —	000	0	0	05	02	98	02	0	029	102	0	0	9	0	0	46	104
	Jacobabad —	000	0	0	34	02	97	02	0	030	101	0	0	9	0	0	72	102
Junagadh	Veraval —																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...																	
Malakand	Drosh * ...	000	0	7	22	02	97	03	9	494	66	6	4	7	6	0	40	73
Peshawar	Cherat * ...	000	0	0	22	10	98	00	0	478	75	0	0	9	0	0	31	80
	Kakul * ...	044	8	6	11	13	97	17	9	446	69	4	9	6	3	0	41	79
	Landikotal * ...	000	0	4	31	05	98	01	0	452	82	4	3	9	0	0	56	82
	Parachinar * ...	000	0	0	17	03	98	01	1	467	72	1	2	7	0	0	24	74
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	489	84	0	0	9	0	0	64	89
	Wana * ...	000	0	0	23	05	98	00	0	452	85	0	0	9	0	0	51	85
Quetta	Fort Sandeman * ...	000	0	1	23	05	98	03	0	460	80	1	1	7	0	0	17	82
	Hindubagh * ...	000	0	0	23	19	97	02	0	///	72	0	0	9	0	0	38	75
	Loralai * ...	000	0	0	27	04	98	00	0	435	83	0	0	9	0	0	51	80
	Barkhan * ...																	
	Harnai * ...	..	...	...	..	..		.	...	...	...	...	...	...	..	...	..	...
	Samungli (Quetta) * ...	008	0	0	31	12	96	02	0	476	77	0	0	9	0	0	28	78
	Chaman * ...	000	0	0	00	00	97	00	0	535	79	0	0	9	0	0	27	80
	Nushki * ...	000	0	0	31	04	97	02	0	550	82	0	0	9	0	0	34	91
	Dalbandin * ...	000	0	0	05	02	97	02	0	512	86	0	0	9	0	0	36	87
Kalat	Kalat * ...	000	0	0	03	02	98	00	2	446	74	0	0	9	0	0	27	75
	Khuzdar * ...	000	0	0	31	03	97	01	0	464	86	0	0	9	0	0	17	87
	Panjgur * ...	000	0	0	36	07	96	02	0	502	85	0	0	9	0	0	29	87

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † 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 April, 1970 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1970 to-date (41)	Annual Normal (42)
Rangamati	..	—	...	...	...	...	..	—	...	...	..	...		...	...	...	...	—					—
Cox's Bazar	000	0	3	18	02	95	02	0	086	88	3	2	9	1	0	76	78	+ 2	+ 4	0.2	— 3.7	0.5	140
Chittagong	...	..	.	—	...	+	..	+	—	...	..	..	...	..	..	...	..	+ 2					106
Maijdee Court																							115
Comilla	000	0	3	18	05	96	02	0	079	87	3	4	7	0	9	77	80	+ [illegible]	+ 7	3.5	— 2.1	6.8	94
Brahmanbaria	..	..	..	..	..	..	...	..		...	..	.	...	..	—	..	..	—					78
Sylhet	222	9	8	05	02	96	20	0	079	73	0	5	4	2	1	73	69	—	—	16.7	—	24.1	—
Srimangal	000	9	7	36	09	96	03	9	079	86	0	9	4	7	2	71	77	+ 5	+ 8	3.4	— 6.0	8.5	58
Mymensingh	000	0	5	13	02	97	03	1	012	87	3	4	5	2	0	76	80	+ 4	+ 7	0.2	— 5.0	2.4	91
Narayanganj	000	0	2	23	05	97	01	2	036	80	5	8	4	0	0	78	76	0	+ 2	6.0	+ 0.9	9.9	74
Dacca (Tezgaon)	..		—					..			...							—					—
Faridpur	000	0	5	20	05	96	02	2	046	80	[illegible]	4	5	1	0	73	//	+ 4	//	2.6	— 1.9	4.9	71
Barisal	..	..	..	..	...	..	...	...	...	..	...	..	..	...	..	...	..	0					81
Khulna	...		...	...	...	...	...	..	...	..	...	..	..	..	..	...	..	+ 3					68
Satkhira	..	..		..	.	..	...	..	...	...	..	..	—	..	..	...	..	0					65
Jessore	...	...		...	...	...	...	—	—	—	...	—	...	...	...	—	..	—					65
Pabna	000	0	0	18	05	98	02	1	044	87	0	0	9	0	0	77	78	—	—	1.6	—	4.7	59
Sirajganj	000	0	0	18	03	98	00	0	055	85	0	0	9	0	0	76	70	—	—	4.3	+ 1.2	6.3	64
Rajshahi	000	0	3	18	02	96	01	0	047	88	0	0	9	0	1	68	72	+ 7	— 1	0.6	— 0.9	2.7	—
Bogra	.	..	...	...	...	..	..	..	...	...	.	..	...	.	..	.	...	+ 3					69
Dinajpur			..		...	..		...								...		— 3					72
Rangpur	036	7	3	13	02	96	02	6	055	88	3	0	9	1	0	80	72	+ 6	+ 2	0.8	— 2.0	2.0	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	051	85	0	0	9	0	0	49	75	— 1	+ 9	0.0	— 0.6	2.0	19
Sialkot	000	0	0	00	00	99	00	0	030	76	0	0	9	0	0	45	//		/	0.0	— 1.0	1.7	33
Jhelum	000	0	1	31	03	97	02	0	042	82	1	0	9	3	1	43	66	—	—	0.2	—	4.6	—
Islamabad	..	..	..					...				...			..		...	...					
Rawalpindi	000	0	0	00	00	98	00	0	077	73	0	0	9	0	0	45	63		0	0.8	— 1.1	9.3	34
Campbellpur																							—
Khushab	000	0	0	00	00	97	06	0	059	80	0	0	9	0	0	64	67	+ 6	— 3	0.0	— 0.9	1.8	18
Sargodha	000	0	1	31	02	96	04	0	064	78	0	0	9	0	1	56	65	—	—	0.0	—	1.7	—
Lyallpur	000	9	0	00	00	96	00	0	055	91	0	0	9	0	0	61	70	+ 1	+ 3	0.1	— 0.4	1.3	19
Sahiwal																							10
Multan	000	0	0	00	00	96	05	0	058	85	0	0	9	0	0	57	72	— 1	+ 1	0.1	— 0.2	0.9	7
Leiah	...	..	..	...	..	..		...	...		..	..	...	..	..	...		—					8
Khanpur	000	0	0	23	03	96	02	0	052	81	0	0	9	0	0	59	72	/	+ 1	0.3	+ 0.1	2.0	6
Bahawalpur	080	0	0	00	00	96	00	0	058	86	0	0	9	0	0	53	70	— 1	— 1	0.0	— 0.2	0.4	6
Fort Abbas	..	..	..	...		...	..	...	..	...	...	...		..	..	...	...	—					8
Chakdra	000	0	0	05	07	98	02	0	072	66	0	0	9	0	0	45	54	—	—	0.9	—	7.3	—
Peshawar	000	0	1	09	02	97	02	0	079	78	0	0	9	0	1	50	61	+ 1	— 4	0.7	— 1.0	4.0	11
Haripur	000	0	0	05	03	98	00	0	///	//	0	0	9	0	0	32	60	—		0.3		7.7	—
Bannu	000	0	3	27	01	99	02	1	068	73	0	0	9	4	0	47	67	—	—	0.2	—	1.7	11
D. I. Khan	000	0	1	05	02	97	02	0	066	89	0	0	9	0	0	55	71	—	—	0.1	— 0.6	7.8	9
Sibi	000	0	0	18	03	97	02	0	032	80	0	0	9	0	0	38	79	—	—	0.0	—	0.9	5
Nokkundi	000	0	0	31	24	97	02	0	113	71	0	0	9	0	0	25	62	—	—	0.0	—	3.5	2
Turbat	000	0	0	09	02	98	00	0	125	76	0	0	9	0	0	40	70	—	—	0.0	—	0.7	—
Jiwani	000	0	0	31	02	96	02	0	089	77	0	0	9	0	0	64	69	—	—	0.0	—	0.3	8
Pasni	000	0	0	25	08	97	02	0	081	80	0	0	9	0	0	52	72	/	+ 2	—	— 0.4	2.5	6
Ormara	000	0	0	27	03	96	02	0	092	85	0	0	9	0	0	65	//	—	—	0.0	— 0.6	2.9	6
Lasbela	000	0	0	00	03	98	00	0	066	68	0	0	9	0	0	44	63	—	—	0.0		0.0	8
Karachi (Manora)	000	0	0	00	00	96	01	0	070	81	0	0	9	0	0	75	78	+ 8	+ 2	0.0	— 0.2	1.1	8
Karachi (Airport)	000	0	0	00	00	96	02	0	071	79	0	0	9	0	0	63	73	—	—	0.0	—	3.0	—
Nagarparkar	000	0	0	05	02	97	02	0	058	83	0	0	9	0	0	83	//	—	—	0.0	—	0.1	—
Chhor	000	0	0	23	07	98	02	0	066	75	0	0	9	0	0	54	64	—	—	0.0	—	2.5	7
Hyderabad	000	0	0	27	02	97	02	0	079	77	0	0	9	0	0	61	71	— 3	— 4	0.2	+ 0.1	1.3	9
Badin	000	0	0	23	03	97	02	0	078	73	0	0	9	0	0	67	70	+ 1	— 5	0.0	— 0.1	0.1	—
Padidan	000	0	0	20	02	96	02	0	070	78	0	0	9	0	0	40	64	—	—	0.0	—	0.9	—
Nawabshah	000	0	0	00	00	94	02	0	071	77	0	0	9	0	0	47	65	—	—	0.0	—	0.4	4
Sukkur	000	0	0	33	05	96	02	0	064	78	0	0	9	0	0	56	69	—	—	0.0	—	0.9	—
Kashmore	000	0	0	18	02	98	02	0	067	84	0	0	9	0	0	49	65	—	—	0.0	—	0.0	4
Jacobabad	000	0	0	21	05	96	02	0	065	84	0	0	9	0	0	55	71	— 3	— 3	0.0	— 0.2	2.1	20
Veraval																							26
Srinagar																							—
Gulmarg																							71
Sonamarg																							24
Dras																							8
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree																							18
Drosh	001	0	0	00	00	98	02	0	509	57	0	0	9	0	0	42	49	—	—	0.7	—	5.6	29
Cherat	000	0	0	18	03	98	02	0	481	69	0	0	9	0	0	27	//	+ 2	+ 1	0.5	— 2.2	6.0	—
Kakul	048	0	1	29	03	98	01	0	478	64	0	0	9	0	1	49	53	—	—	1.4	—	15.6	—
Landikotal	...	..	..	..		...	...	...	...	...	...	...	—	.	..	..	...	—					29
Parachinar	..	.	.	..	..	...	...	...	...	...	...	..	..	..	0	...	..	+ 2					13
Miranshah	000	0	0	05	05	99	00	0	472	72	0	0	9	0	0	60	65	—	—	0.0	— 1.3	0.1	11
Wana	000	0	0	00	00	98	00	0	451	69	0	0	9	0	0	39	68	—	—	0.0	—	0.0	13
Fort Sandeman	000	0	0	00	00	98	02	0	478	67	0	0	9	0	0	20	60	— 4	+ 1	0.5	— 0.4	3.3	—
Hindubagh	..	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	—					9
Loralai	000	0	0	18	02	98	00	0	460	62	0	0	9	0	0	42	60	—	—	0.1	—	2.2	—
Barkhan																							14
Harnai	000	0	0	31	02	96	02	0	464	76	0	0	9	0	0	03	64		—	0.0	— 0.9	3.8	9
Samungli (Quetta)	000	0	0	00	00	96	02	0	515	55	0	0	9	0	0	21	43	—	—	0.1	— 0.9	3.0	5
Chaman	000	0	0	27	03	97	00	0	505	62	0	0	9	0	0	31	57	— 3	— 1	0.0	— 0.8	7.7	—
Nushki	000	0	0	09	03	97	02	0	548	69	0	0	9	0	0	25	64	—	—	0.0	—	3.5	4
Dalbandin	080	0	0	05	04	97	02	0	503	67	0	0	9	0	0	26	55	— 5	— 8	—	— 0.3	3.3	7
Kalat	000	0	0	13	05	98	00	2	491	52	0	0	9	0	0	49	35	— 3	— 13	0.0	— 0.6	3.0	.
Khuzdar	000	0	0	00	00	96	01	0	472	70	0	0	9	0	0	31	63	—	—	0.0	—	2.6	8
Panjgur	000	0	0	00	00	96	02	0	492	65	0	0	9	0	0	33	56	—	— 7	0.0	—	0.0	-

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNUEDAY THE 29th APRIL, 1970.

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
ARABAIN SEA														
Gerea	99 1 92	10 5 87	28 0 64	19 9 07	98 0 30	12 8 28	12 5 00	13 2 16						
Dumra	99 2 49	10 6 36	28 1 23	01 4 07	99 0 20	08 3 29	00 9 00	00 3 21						

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PoPoPo ToToTo DoDo	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			At surface and Standard Isobaric Levels hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong														
Dacca	00 00	/// /// //	...	403 /// //	101 046 58	588 081 56	051 167 56	961 295 40	239 /49 7	420 661 //	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	003 240 56	...	400 160 48	385 064 //	574 875 //	575 165 //	952 275 //	...	...	...	...	...	...
Multan	00 00	900 230 61	...	450 233 74	/// 084 //	579 115 //	749 1911 //	956 335 //	230 475 //	...	...	...	...	...
Peshawar	00 00	996 170 58	...	400 150 60	059 060 60	571 121 //	739 231 //	944 355 //	219 487 //	...	...	...	...	...
Quetta	00 00	820 156 60	...	...	133 162 02	592 827 //	764 179 //	972 33 //	252 415 //	...	...	...	...	...
Sargodha	00 00	992 424 30	...	560 180 50	161 060 57	581 135 //	748 235 //	953 345 //	230 451 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_d DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{td}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong													
Dacca	00 00	908 230 57	800 176 58	690 809 56	350 227 58	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

OPPER 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	195 19	200 13	215 13	230 13	275 11	235 13	320 28	280 12	295 13
Bogra	140 09	165 07	190 10	210 15	235 11	270 21			
Chaklala									
Chhor	285 09	275 09	275 11	255 09	290 14	310 27	300 26	/// //	205 31
Chittagong	210 08	235 07	240 08	240 10	240 12	240 13	320 24	260 11	280 12
Cherat									
Cox's Bazar	240 06	240 05	235 06	255 06	300 09	255 09			
Dacca	185 15	185 12	185 16	180 23	190 27	215 28	250 19	295 25	280 30
Dalbandin			130 01	075 02	330 08	315 14	285 19	285 24	300 26
D. I. Khan	095 01	090 03	055 05	050 01	290 33	295 09	310 12	305 14	285 19
Drosh				220 08	105 02	170 10			
Fort Sandeman					280 10	275 10	285 24	280 12	305 19
Gilgit				265 02	290 03	250 02	125 05		
Ishurdi	190 15	305 14	200 15	225 13					
Jacobabad	320 04	305 04	315 04	340 08	340 16	310 17	300 31	290 57	290 46
Jessore	190 16	205 14	190 15	240 10	285 15	325 14	315 12	265 10	
Jhelum	175 04	230 04	225 03	265 06	265 09	210 15	195 11	225 16	235 18
Jiwani	210 07	280 04	280 05	355 12	325 15	325 12	295 13	295 23	165 32
Karachi	295 06	290 07	295 07	310 04	035 07	345 10	050 13	295 13	295 14
Khanpur									
Khuzdar					335 05	340 08	305 24	335 13	315 33
Lahore	335 06	330 08	330 07	330 09	335 06	210 01	180 12	170 17	165 19
Multan	095 07	060 06	050 06	350 11	345 08	325 09	315 17	290 23	282 06
Nawab Shah	270 13	290 12	330 06	320 07	315 16	305 24	295 29	290 34	290 34
Nokkundi									
Panjgur					355 17	345 11	350 21		
Peshawar									
Parachinar					145 01	155 04	285 17	315 19	330 18
Quetta					330 15	315 19	325 23	305 35	300 54
Sargodha	005 07	325 08	310 10	300 09	240 04	220 08	195 03	315 04	
Skardu									
Sylhet	350 02	270 05	230 17						
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0
1	11	12	13	14	15	16
Barisal						
Bogra						
Chaklala		045 04	350 07	350 12	335 12	310 19
Chhor	260 30	265 19	260 13	290 09	005 06	355 26
Chittagong						
Cherat						
Cox's Bazar	175 10	185 13	185 12	/// //	240 11	
Dacca	180 21	225 12	285 19	260 19	265 19	
Dalbandin			050 09	055 12	080 08	285 09
D. I. Khan	050 02	060 12	065 08	070 02	145 05	170 02
Drosh				100 01	860 04	030 09
Fort Sandeman				220 08	300 08	325 14
Gilgit						
Ishurdi	210 10	230 15	160 22	280 25	275 20	300 25
Jacobabad	325 08	330 11	340 14	330 17	340 05	035 03
Jessore	245 18	250 21	260 21	275 16	300 13	320 15
Jhelum	315 08	005 05	350 10	345 18	330 18	290 29
Jiwani	295 11	305 17	310 14	235 02	110 03	240 01
Karachi	275 14	275 12	300 09	300 08	050 06	300 07
Khanpur	225 08	225 08	235 09	270 11	290 13	285 09
Khuzdar				860 09	331 09	330 14
Lahore	035 08	030 10	015 12	136 01	335 10	335 10
Multan	275 06	275 06	240 06	240 07	240 03	325 06
Nawab Shah	160 05	130 03	155 01	005 09	015 09	255 09
Nokkundi						
Panjgur				345 14	325 12	315 10
Peshawar		140 06	260 11	305 15	310 19	310 19
Parachinar						
Quetta						
Sargodha	065 11	065 15	045 12	025 13	340 06	345 13
Skardu						
Sylhet	240 06	240 10	240 15			
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

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	220 12	225 13	240 14	260 18							
Bogra											
Chaklala		315 06	325 05	325 07	295 12	285 14	275 15	280 17	290 13		
Chhor	250 09	275 12	320 12	305 05	095 01	015 03	320 12	310 17	310 14		
Chittagong	185 14	200 20	200 23	215 23	240 21	265 21	260 17				
Cherat											
Cox's Bazar	195 16	195 16	196 16	200 20	220 14						
Dacca	205 19	205 17	255 15	265 21	265 19	295 29					
Dalbandin			100 02	010 06	335 05	330 12	315 17	275 12	275 27	270 43	270 37
D. I. Khan	050 07	060 05	310 18	295 05	285 09	245 08	290 11	295 14			
Drosh											
Fort Sandeman				255 05	245 03	280 10	280 15	275 19	265 27	255 42	
Gilgit											
Ishurdi	240 19	255 18	228 19	270 19	275 31						
Jacobabad	331 15	335 14	335 13	335 09	260 07	275 15	240 07	265 31	285 33	265 32	275 53
Jessore	225 19	230 18	220 15	235 14	280 18	290 22	310 22	295 21	295 23		
Jhelum	310 04	325 08	330 06	345 07	305 14	285 21	295 19	280 23	280 28	270 15	
Jiwani	220 03	175 09	130 08	195 06	330 08	335 12	315 15	310 25	310 20	275 23	200 39
Karachi	240 09	010 02	050 05	040 05	340 04	280 04	220 05	308 06	275 05		
Khanpur	210 09	225 10	235 10	240 12	240 16	230 10	320 12	320 17	295 11	095 04	225 08
Khuzdar				340 06	335 15	305 07	255 18	280 26	280 25	265 29	270 36
Lahore	330 08	350 09	360 07	360 08	350 18	355 21	340 18	330 19	325 22	320 21	320 26
Multan	010 01	015 03	015 03	010 01	340 01	275 05	285 13	270 19	280 63		
Nawab Shah	025 05	110 05	095 06	095 07	240 05	280 12	260 18				
Nokkundi											
Panjgur				345 09	360 13	340 19	320 26				
Peshawar		025 15	005 13	330 11	295 13	305 01	270 14	280 28	280 33	280 38	275 60
Parachinar					225 04	085 04	300 15	295 23	280 31	275 40	275 40
Quetta					290 07	300 10	305 29	315 46	315 49		
Sargodha	350 06	045 09	045 07	245 04	285 09	275 15	290 19	280 23	285 23	275 3[illegible]	285 46
Skardu											
Sylhet	050 10	150 11	220 10	220 23							
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	[illegible]
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 14	275 12	300 09	304 08	050 06	300 07	285 15	295 19	295 19	255 22	295 38	265 64	...	...	...	...	...	...
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.

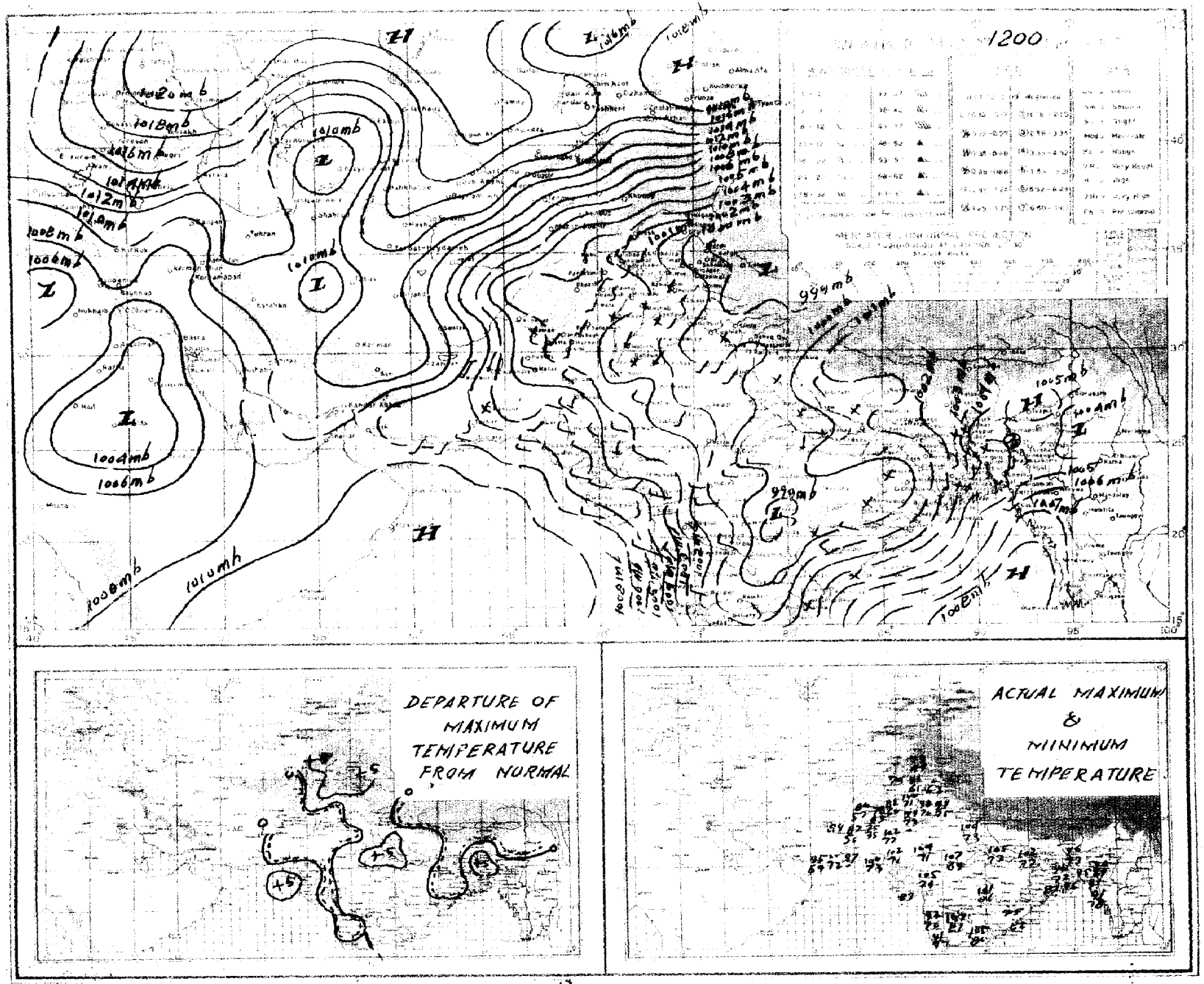
† The actual time of observations may vary within half an hour of the specified time.

* 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 "ff" omitted.

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

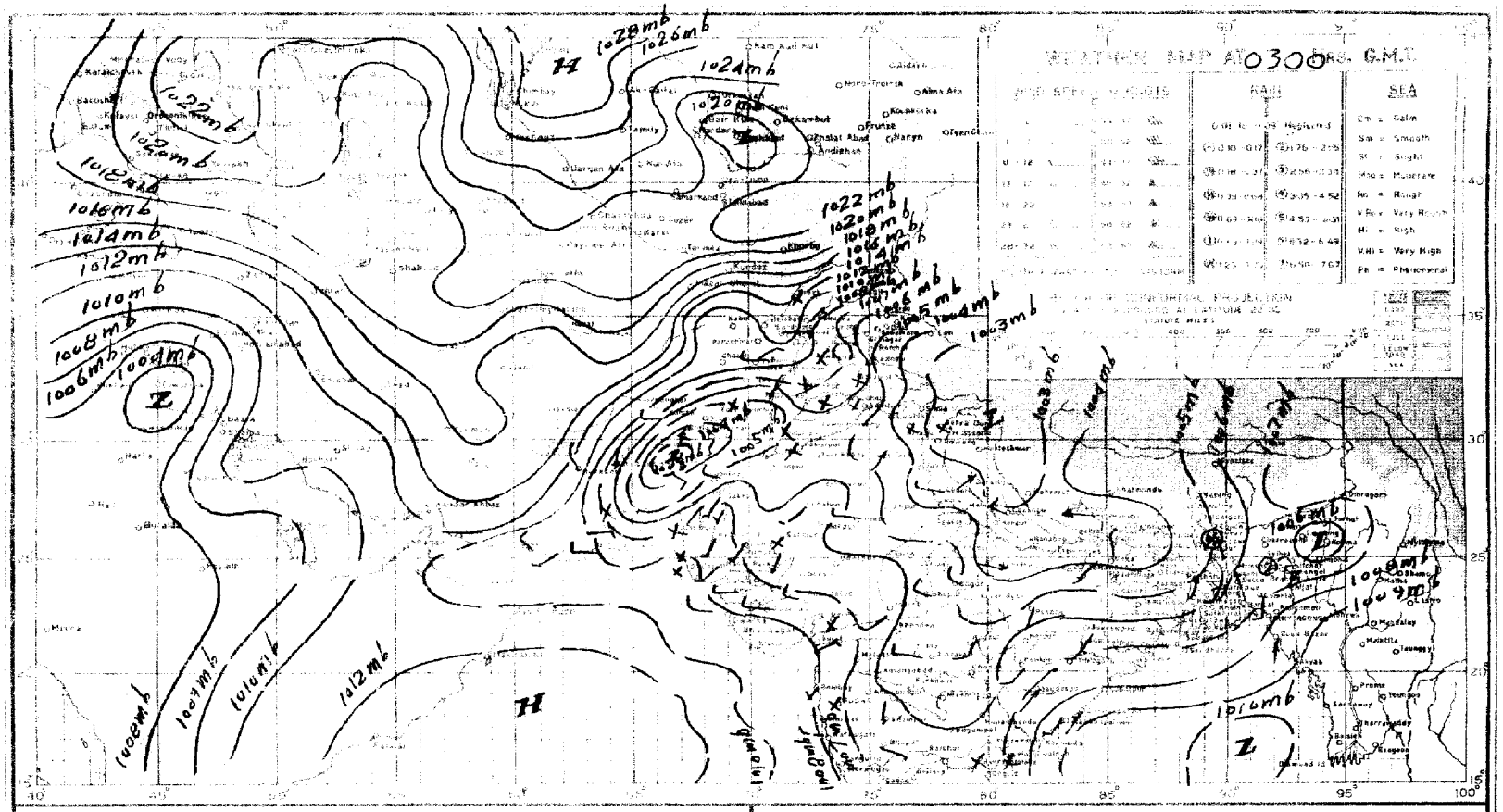
PAKISTAN DAILY WEATHER MAP

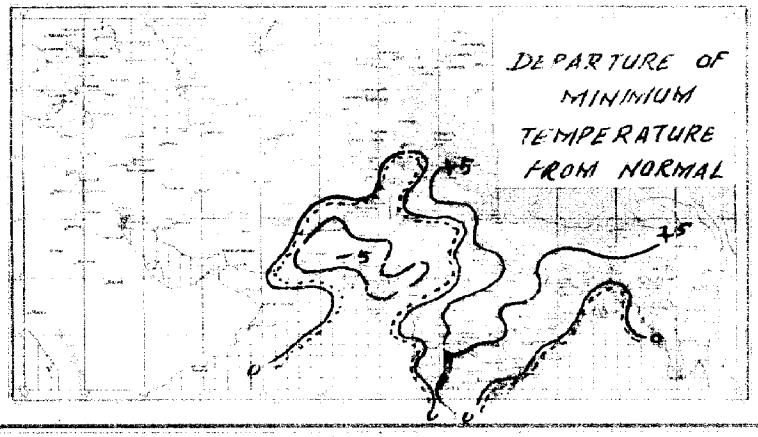
TUESDAY 28th APRIL 1970

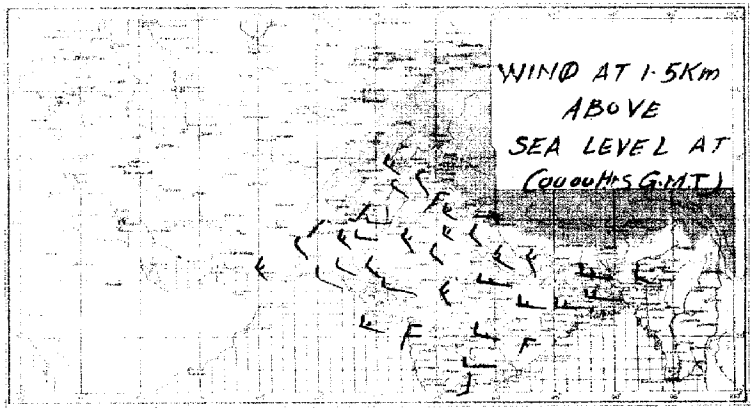


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th APRIL 1970







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 24

THURSDAY THE 30th APRIL, 1970.

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

Yesterday's western disturbance over Kashmir moved eastwards. The secondary western disturbance over Quetta division and neighbourhood now lies over D. I. Khan division and neighbourhood. Weather remain dry in West Pakistan.

The trough of low pressure over Bihar and West Bengal persists.

The westerly low pressure wave over northern districts of East Pakistan moved away across Asam. A few thunderstorms have occured in Chittagong divisions

Day temperatures were 3—9 °F (2—5 °C) above normal practically all over the country outside D. I. Khan, Kalat, Karachi and Khairpur divisions where these were nearly normal.

Forecast valid until the evening of 1st May, 1970 :—Local thunderstorms/showers with squally winds are likely to occur in Dacca and Chittagong divisions, scattered elsewhere East Pakistan, Malakand, Peshawar and Rawalpindi divisions and in Kashmir. A few dust/thunderstorms are also likely to occur in Lahore, Multan and Sargodha divisions. Dry weather is likely to prevail elsewhere in West Pakistan.

Karachi-11
The 30th April, 1970.

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 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	18	05	96	01	9	051	87	1	1	7	0	0	76	95
	Cox's Bazar	—	000	0	2	25	10	96	01	0	043	86	2	2	5	0	0	77	90
	Chittagong	—	000	0	2	23	10	96	01	2	042	87	2	4	4	0	0	78	91
	Maijdee Court	—	000	9	2	18	02	97	03	0	073	87	2	2	5	2	0	73	91
	Comilla	—	000	0	0	18	09	96	02	0	035	87	0	0	9	0	0	67	95
	Brahmanbaria	—	.00	0	2	23	07	97	01	1	009	91	2	4	5	0	0	78	95
	Sylhet	—	000	0	2	09	07	96	02	0	008	85	2	3	5	0	0	78	87
	Srimangal	—	000	9	6	31	08	91	09	9	019	91	0	0	9	0	0	77	95
Dacca	Mymensingh	—	000	0	0	13	02	96	02	0	999	93	0	0	9	0	0	73	98
	Narayanganj	—	000	0	0	13	03	95	00	0	008	90	0	0	9	0	0	80	90
	Dacca (Tezgaon)	—	000	0	2	18	05	97	01	2	005	91	0	0	9	0	1	77	98
	Faridpur	—	000	0	2	18	07	97	01	1	009	96	2	5	5	0	0	72	98
Khulna	Barisal	—	000	9	4	18	05	97	02	1	021	94	4	4	4	0	0	77	94
	Khulna	—	000	0	0	18	03	97	00	0	017	96	0	0	9	0	0	76	96
	Satkhira	—	000	0	0	18	02	97	00	0	013	94	0	0	9	0	0	75	100
	Jessore	—	000	0	1	18	12	97	01	1	002	96	1	0	9	3	0	72	100
Rajshahi	Pabna	—	000	0	0	18	05	98	02	1	991	98	0	0	9	0	0	64	100
	Sirajganj	—	000	0	0	18	02	96	00	1	999	93	0	0	9	0	0	73	96
	Rajshahi	—	000	0	0	13	03	96	01	0	990	96	0	0	9	0	0	72	100
	Bogra	—	000	0	0	00	00	96	02	0	988	96	0	0	9	0	0	69	99
	Dinajpur	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	—	000	0	3	00	00	96	03	0	020	85	3	0	9	1	0	76	90
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	0	0	31	03	97	02	0	022	97	0	0	9	0	0	52	100
	Sialkot	—	000	0	0	00	00	97	00	0	000	97	0	0	9	0	0	48	107
Rawalpindi	Jhelum	—	000	0	0	27	02	97	02	0	024	98	0	0	9	0	0	37	100
	Islamabad	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	—	000	0	0	27	03	99	00	0	048	91	0	0	9	0	0	39	93
	Campbellpur	—																	
Sargodha	Khushab	—	000	0	0	00	00	97	00	0	020	107	0	0	9	0	0	69	109
	Sargodha	—	000	0	0	05	05	97	02	0	034	97	0	0	9	0	0	45	100
	Lyallpur	—	000	0	0	16	02	97	00	0	029	96	0	0	9	0	0	60	100
Multan	Sahiwal	—																	
	Multan	—	000	0	0	00	00	97	02	0	023	101	0	0	9	0	0	47	104
	Leiah	—	000	0	0	36	02	95	00	0	032	106	0	0	9	0	0	55	106
Bahawalpur	Khanpur	—	000	0	0	23	03	97	02	0	029	103	0	0	9	0	0	41	104
	Bahawalpur	—	000	0	0	00	00	96	00	0	039	102	0	0	9	0	0	58	105
	Fort Abbas	—	000	0	0	00	00	99	00	0	023	102	0	0	9	0	0	47	104
Malakand	Chakdra	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	—	000	0	1	00	00	98	02	0	035	91	1	1	6	0	0	46	93
	Haripur	—	000	0	0	13	02	97	00	0	035	90	0	0	9	0	0	44	92
D. I. Khan	Bannu	—	000	0	2	13	02	99	01	1	019	94	0	0	9	0	5	50	97
	D. I. Khan	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi	—	000	0	0	18	03	97	02	0	031	106	0	0	9	0	0	56	107
	Nokkundi	—	000	0	0	31	12	97	02	0	048	93	0	0	9	0	0	44	94
Kalat	Turbat	—	000	0	0	05	03	96	00	0	133	71	0	0	9	0	0	49	//
	Jiwani	—	000	0	0	23	07	96	02	0	074	90	0	0	9	0	0	54	93
	Pasni	—	000	0	0	25	22	97	02	0	079	94	0	0	9	0	0	54	102
Karachi division	Ormara	—	000	0	0	27	14	96	02	0	052	98	0	0	9	0	0	89	100
	Lasbela	—	000	0	0	18	01	98	00	0	031	107	0	0	9	0	0	43	110
	Karachi (Manora)	—	000	0	0	27	09	97	02	0	046	86	0	0	9	0	0	80	89
	Karachi (Ariport)	—	000	0	0	27	09	96	01	0	045	95	0	0	9	0	0	39	98
Hyderabad	Nagarparkar	—	000	0	0	05	02	97	02	0	077	109	0	0	9	0	0	09	114
	Chhor	—	000	0	0	00	00	96	02	0	032	103	0	0	9	0	0	47	106
	Hyderabad	—	000	0	0	31	02	97	02	0	035	104	0	0	9	0	0	51	106
	Badin	—	000	0	0	23	06	97	02	0	045	106	0	0	9	0	0	59	108
Khairpur	Padidan	—	000	0	0	31	03	96	02	0	038	104	0	0	9	0	0	34	105
	Nawabshah	—	000	0	0	23	03	96	02	0	042	104	0	0	9	0	0	47	105
	Sukkur	—	000	0	0	13	03	96	02	0	026	101	0	0	9	0	0	44	104
	Kashmore	—	000	0	0	23	02	98	02	0	028	105	0	0	9	0	0	38	107
	Jacobabad	—	000	0	0	02	05	97	02	0	029	103	0	0	9	0	0	37	105
Junagadh	Veraval	—																	
	HILL STATIONS																		
Kashmir	Srinagar	# ...																	
	Gulmarg	## ...																	
	Sonamarg	## ...																	
	Dras	## ...																	
	Leh	## ...																	
	Skardu	# ...																	
	Misgar	## ...																	
	Aliabad	# ...																	
	Gilgit	# ...																	
Rawalpindi	Murree	# ...																	
Malakand	Drosh	# —	000	0	2	00	00	59	01	0	488	81	2	2	7	0	1	30	83
Peshawar	Cherat	# ...	000	0	0	18	02	98	02	0	478	81	0	0	9	0	0	28	83
	Kakul	# ...	000	0	1	29	05	99	01	0	471	78	1	1	7	0	0	27	80
	Landikotal	# ...	000	0	0	31	05	98	02	0	452	83	0	0	9	0	0	64	84
	Prachinar	# ...	000	0	1	16	05	99	03	0	464	75	1	1	7	0	0	59	76
D.I. Khan	Miranshah	# ...	000	0	0	05	05	99	00	0	464	89	0	0	9	0	0	67	91
	Wana	# ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	# ...	000	0	0	00	00	98	02	0	459	83	0	0	9	0	0	//	85
	Hindubagh	# ...	000	0	0	23	13	97	02	0	///	69	0	0	9	0	0	44	75
	Loralai	# ...	000	0	0	18	04	98	00	0	440	80	0	0	9	0	0	53	83
	Barkhan	# ...																	
	Harnai	# ...	000	0	0	31	02	96	02	0	466	92	0	0	9	0	0	02	93
	Samungli (Quetta)	# ...	000	0	0	36	05	97	02	0	476	79	0	0	9	0	0	26	80
	Chaman	# ...	000	0	0	27	05	97	00	0	519	83	0	0	9	0	0	33	88
	Nushki	# ...	000	0	0	27	03	97	02	0	544	86	0	0	9	0	0	48	82
	Dalbandin	# ...	000	0	0	13	02	97	02	0	461	91	0	0	9	0	0	46	92
Kalat	Kalat	# ...	000	0	0	13	02	98	00	2	457	71	0	0	9	0	0	36	75
	Khuzdar	# ...	000	0	0	27	03	95	02	0	462	89	0	0	9	0	0	50	90
	Panjgur	# —	000	0	0	26	07	96	02	0	496	89	0	0	9	0	0	35	91

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 April, 1970 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1970 to-date (41)	Rainfall Annual Normal (42)
Chittagong	Rangamati	—	...	...	...	...	...	...	—	—	...	...	...	...	...	...		...	—					—
	Cox's Bazar	000	0	3	25	10	96	03	2	082	90	4	6	4	2	0	77	60	+ 1	+ 6	0.2	− 4.0	0.5	140
	Chittagong	000	0	5	21	05	96	01	1	076	87	5	8	4	0	0	80	80	+ 2	+ 6	5.4	− 0.5	5.7	109
	Maijdee Court	000	9	6	18	05	96	03	4	068	88	4	2	5	2	0	77	82	+ 2	+ 5	7.9	+ 2.4	11.5	115
	Comilla	000	0	6	18	09	96	02	0	066	88	4	4	6	3	0	77	82	+ 4	+ 9	3.5	− 2.4	6.8	94
	Brahmanbaria	000	0	5	18	07	96	03	0	051	90	5	5	5	0	0	77	78		—	3.9	− 2.5	6.8	76
	Sylhet	142	9	7	09	07	96	03	9	061	76	7	4	4	3	0	72	70		—	16.7	—	24.	-
	Srimangal	000	9	5	36	21	90	00	9	059	88	4	9	4	0	1	77	82	+ 5	+ 13	3.4	− 6.4	8.5	58
Dacca	Mymensingh	000	0	7	13	02	97	02	1	031	89	7	5	4	0	0	73	72	+ 9	− 1	0.2	− 5.3	2.4	91
	Narayanganj	000	0	7	23	04	97	02	2	054	90	5	4	7	0		78	82	+ 1	+ 8	6.0	+ 5.6	9.9	74
	Dacca (Tezgaon)	000	0	6	23	09	97	02	2	044	81	6	8	4	3	0	77	8	—	—	1.9	—	4.3	—
	Faridpur	000	0	3	20	15	98	02	2	///	96	3	3	6	0	0	70	//	+ 6	//	2.6	− 2.1	4.9	71
Khulna	Barisal	000	0	4	18	09	97	02	2	054	90	4	7	4	0	0	78	78	+ 3	+ 3	3.5	− 0.7	4.6	81
	Khulna	000	0	0	00	00	97	00	0	048	90	0	0	9	0	0	78	80	+ 3	+ 5	4.0	+ 1.1	7.9	68
	Satkhira	000	0	2	23	01	97	00	0	087	90	2	2	7	0	0	78	77	+ 5	+ 2	1.4	− 1.5	5.1	65
	Jessore	000	0	3	18	14	97	02	0	029	90	1	5	4	3	0	76	80	—	—	4.0	+ 0.5	7.8	65
Rajshahi	Pabna	000	0	5	23	05	98	03	1	987	//	5	2	7	0	0	61	//	—	—	.6	—	4.7	59
	Sirajganj	000	0	0	18	03	98	00	0	029	90	0	0	9	0	0	76	80	—	—	4.3	+ 1.0	6.3	64
	Rajshahi	000	0	0	18	05	96	03	0	022	90	0	0	9	0	0	73	82	+ 9	+ 9	0.6	− 1.0	2.7	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					69
	Dinajpur	000	0	0	09	02	96	00	0	021	87	0	0	9	0	0	75	75		+ 3	1.0	− 1.3	2.0	73
	Rangpur	000	0	1	13	05	96	01	0	058	87	1	0	9	1	0	79	73	+ 6	+ 2	1.2	− 1.9	2.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	36	03	97	02	0	031	87	0	0	9	0	0	38	70	0	+ 4	0.0	− 0.6	2.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		+ 9					32
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	041	82	0	0	9	0	1	41	69	—	—	0.2	—	4.6	—
	Islamabad	000	0	3	00	00	97	01	0	///	77	2	3	7	1	0	43	67		—	0.0	—	6.9	—
	Rawalpindi	000	0	1	00	00	98	00	0	048	77	0	0	9	0	3	44	63	+ 1	0	0.8	− 1.1	9.3	36
	Campbellpur																							
Sargodha	Khushab	000	0	0	00	00	97	00	0	076	80	0	0	9	0	0	64	67	+ 10	− 3	0.0	− 0.9	1.8	15
	Sargodha	000	0	0	00	00	96	04	0	040	79	0	0	9	0	0	55	64	—	—	0.0	—	1.7	—
	Lyallpur	000	0	0	00	00	96	00	0	039	77	0	0	9	0	0	63	70	+ 3	+ 3	0.0	− 0.4	1.3	13
Multan	Sahiwal																							18
	Multan	000	0	0	18	02	97	02	0	030	83	0	0	9	0	0	41	74	+ 4	+ 3	0.1	− 0.2	0.9	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—					8
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	041	83	0	0	9	0	0	46	67	0	− 4	0.3	− 0.1	2.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	051	85	0	0	9	0	0	55	70	+ 4	− 1	0.0	− 0.3	0.4	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Malakand	Chakdra	000	0	1	05	03	98	01	0	048	71	0	0	9	0	3	47	59		—	0.9	—	7.3	—
Peshawar	Peshawar	000	0	1	00	00	97	01	0	055	78	0	0	9	0	1	47	63	+ 3	− 2	0.7	− 1.0	4.0	11
	Haripur	000	0	0	05	03	98	00	0	066	78	0	0	9	0	0	59	66	—	—	0.3	—	7.6	—
D. I. Khan	Bannu	000	0	3	31	02	99	01	1	046	75	0	0	9	0	5	44	69	—	—	0.2	—	1.7	11
	D. I. Khan	000	0	0	05	02	97	02	1	045	82	0	0	9	0	0	44	69			0.1	− 0.6	7.8	9
Quetta	Sibi	000	0	0	34	03	97	02	0	061	82	0	0	9	0	0	36	80	—	—	0.0	—	0.9	5
	Nokkundi	000	0	0	09	03	97	02	0	087	77	0	0	9	0	0	22	69	—	—	0.0	—	2.5	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Jiwani	000	0	0	27	07	96	02	0	072	79	0	0	9	0	0	73	73	—	—	0.0	—	8.3	8
	Pasni	000	0	0	29	06	97	02	0	070	71	0	0	9	0	0	49	73	+ 10	+ 3	0.0	− 0.4	2.5	6
Karachi division	Ormara	000	0	0	27	07	96	02	0	066	81	0	0	9	0	0	77	59	—	—	0.0	− 0.6	2.9	8
	Lasbela	000	0	0	00	00	98	02	0	065	69	0	0	9	0	0	51	65	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	0	27	03	96	02	0	060	82	0	0	9	0	0	78	80	+ 2	+ 4	0.0	− 0.2	1.1	8
	Karachi (Ariport)	000	0	0	25	02	94	02	0	068	80	0	0	9	0	0	66	73	—	—	0.0	—	3.0	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	058	81	0	0	9	0	0	83	83	—	—	0.0	—	0.1	—
	Chhor	000	0	0	23	05	96	02	0	052	77	0	0	9	0	0	57	67	—	—	0.0	—	2.5	7
	Hyderabad	000	0	0	23	02	97	02	0	055	80	0	0	9	0	0	64	71	+ 1	− 4	0.2	+ 0.1	1.3	9
	Badin	000	0	0	20	03	97	02	0	064	74	0	0	9	0	0	69	72	+ 5	− 3	0.0	− 0.1	0.1	—
Khairpur	Padidan	000	0	0	00	00	96	02	0	043	83	0	0	9	0	0	52	67	—	—	0.0	—	0.9	—
	Nawabshah	000	0	0	23	02	94	02	0	051	79	0	0	9	0	0	50	64	—	—	0.0	—	0.4	4
	Sukkur	000	0	0	13	02	95	05	0	046	84	0	0	9	0	0	59	70	—	—	0.0	—	0.9	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	—					4
	Jacobabad	000	0	0	18	06	96	05	0	039	83	0	0	9	0	0	58	70	0	− 4	0.0	− 0.2	2.1	30
Junagadh	Veraval																							36
	HILL STATIONS																							
Kashmir	Srinagar																							—
	Gulmarg																							71
	Sonamarg																							36
	Dras																							3
	Leh																							6
	Skardu																							—
	Misgar																							—
	Aliabad																							5
	Gilgit																							59
Rawalpindi	Murree																							18
Malakand	Drosh	000	0	0	00	00	99	01	0	504	65	0	0	9	0	0	36	54	—	—	0.7	—	5.6	29
Peshawar	Cherat	000	0	0	31	13	98	02	0	470	73	0	0	9	0	0	28	66	+ 5	+ 5	0.6	− 2.2	6.1	—
	Kakul	000	0	1	29	02	98	03	0	469	67	0	0	9	3	0	44	56	—		1.4	—	15.6	—
	Landikotal	000	0	0	36	02	98	02	0	463	71	0	0	9	0	0	33	53	—	—	1.6	—	5.3	29
	Prachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					13
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	473	70	0	0	9	0	0	60	65	—		0.0	− 1.3	0.1	11
	Wana	000	0	0	00	00	98	00	0	465	61	0	0	9	0	0	43	52		—	0.0	—	4.4	13
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	471	70	0	0	9	0	0	20	60	− 1	+ 1	0.5	− 0.4	3.4	—
	Hindubagh	000	0	0	17	05	98	02	0	///	51	0	0	9	0	0	00	42	—	—	0.0	—	1.6	9
	Loralai	000	0	0	18	02	98	02	0	450	60	0	0	9	0	0	42	60	—	—	0.1	—	2.2	—
	Barkhan																							14
	Harnai	000	0	0	31	02	96	02	0	464	76	0	0	9	0	0	03	64	—	—	0.0	− 0.9	3.8	9
	Samungli (Quetta)	000	0	0	00	00	96	02	0	506	63	0	0	9	0	0	27	44	—	—	0.1	− 0.9	3.0	9
	Chaman	000	0	0	00	00	97	00	0	514	67	0	0	9	0	0	29	66	+ 5	+ 8	0.0	− 0.8	7.7	—
	Nushki	000	0	0	00	00	97	02	0	514	72	0	0	9	0	0	29	66	—	—	0.0	—	3.5	4
	Dalbandin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					7
Kalat	Kalat	000	0	0	13	02	98	00	2	476	57	0	0	9	0	0	36	35	− 3	− 13	0.0	− 0.6	3.0	—
	Khuzdar	000	0	0	27	02	96	02	0	473	76	0	0	9	0	0	19	64	—	—	0.0	—	2.6	5
	Panjgur	000	0	0	05	02	96	02	0	492	73	0	0	9	0	0	34	57	− 1	—	0.0	—	0.0	—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 30th APRIL, 1970.

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
ARABAIN SEA														
Mohammadi	99 1 24	10 6 30	29 1 83	13 2 04	98 0 20	09 1 19	21 2 00	53 4 00						

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	022 216 13		435 196 18	119 116 57	583 045 57	748 133 58	961 273 61	237 499 //	420 675 //				
Dacca	00 00	001 278 24	...	400 230 59	104 114 59	582 061 63	753 161 62	965 283 63	242 515 //	424 651 //	—	—	...	...
Gilgit														
Jiwani														
Karachi	00 00	003 230 36	...	450 172 43	896 112 4//	585 010 //	761 085 //	980 175 //	...	...	—	—	—	—
Multan	00 00	988 240 68	...	450 250 78	129 174 79	590 048 //	786 071 //	987 185 //	...	...	...	...	...	...
Peshawar	00 00	964 182 64	...	450 210 69	087 250 03	576 113 //	744 221 //	949 365 //	220 501 //	408 515 //	...	...	...	...
Quetta	00 00	822 160 62	...	...	136 086 //	584 865 //	754 193 //	966 265 //	...	...	...	...	...	...
Sargodha	00 00	991 270 40	...	530 230 59	195 104 58	589 091 //	758 191 //	957 311 //	245 441 //	...	...	—	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T$_a$ DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong													
Dacca	00 00	900 406 00	800 204 60	680 814 49	350 217 26	...	...	...	...	...	...	...	—
Gilgit													
Jiwani													
Karachi	00 00	...	...	—	...	...	...	—	—	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	—
Peshawar	00 00	...	...	...	...	...	...	—	...	—	—	...	...
Quetta	00 00	800 156 //	600 022 //	350 223 //	...	.	...	—	...	...	...	...	...
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	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	5	26	27
Barisal	175 14	175 14	175 10	190 10	260 10	250 15	...	...	—	...	...	...	...	...	...	205 28	210 27	215 23	165 11				...	...	...	...
Bogra	185 09	195 14	195 14	245 07	260 30	...	...	...	...	205 13	210 17	240 26	270 27	280 31	305 31	260 03	270 09	270 12	260 17	260 23	270 31	280 17				...
Chaklala	..	275 13	280 13	290 06	305 13	305 12	294 17	290 28	275 37	—	055 08	035 08	025 04	010 07	010 59	...	210 01	290 01	310 01	250 03	265 06	280 15	295 06	200 33		
Chhor	030 03	015 03	020 06	020 08	355 12	300 06	310 11	305 29	295 33	...						005 09	215 09	215 11	185 10	205 05	230 05	290 19	305 21	310 24	285 28	250 43
Chittagong	170 14	195 17	175 17	145 15	260 19	265 20	265 29	265 24	260 20	205 19	205 17	215 20	215 23	290 21	290 16	185 10	195 15	195 16	200 23	205 27	..	—	..	.	—	...
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...			...	—
Cox's Bazar	190 14	193 20	195 18	200 14	140 07	150 09	160 09	150 09	...	210 12	210 11	210 11	215 10	210 10	..	200 20	220 21	220 21	210 19	220 16	335 16	275 15	290 21	290 26	.	—
Dacca	198 21	185 20	220 24	175 20	245 20	260 30	265 35	260 37		190 19	220 19	225 22	225 29	225 23	285 23	165 13	195 17	210 24	245 28	260 22	275 28	—		..		...
Dalbandin	...		215 08	275 05	275 05	300 12	310 22	310 30	310 28		...	090 02	170 04	315 07	315 16	..		120 02	295 02	310 07	310 14	300 23	270 32	270 32	270 41	...
D. I. Khan	120 05	125 05	345 01	150 03	180 04	280 10	280 17	290 12	290 20	070 10	120 10	160 12	135 05	185 03	190 07	000 05	335 02	045 09	050 09	050 08	080 10	260 09	280 10	—	...	...
Drosh	...	...	...	270 03	235 03	180 04	200 04	180 20	270 34	...	...	...	300 05	335 07	305 04	..	..	...	...		...	...				...
Fort Sandeman	..	...	...	...	270 08	325 04	250 21	250 05	275 36	...	...	...	160 19	150 06	285 13	...	—	..	240 01	300 04	285 03	335 08	340 16	330 21	315 41	310 65
Gilgit	—	—	...	..	320 01	255 10	170 08	050 05	195 08	...	.		265 03	260 02	360 03	...	..					—	...	...	...	...
Ishurdi	...	...	...				...	...				...	...			255 15	245 14	300 13	290 14	275 20	270 33	...	..	..	...	...
Jacobabad	285 14	280 14	260 10	215 03	270 09	300 14	275 22	295 31	285 29	265 10	285 11	340 15	290 10	340 11	245 12	353 03	340 13	335 09	310 08	285 05	230 05	275 13	261 07	..	.	...
Jessore	185 14	180 10	200 14	265 10	260 10	...			...	205 21	230 29	240 27	245 25	270 20	290 23	220 11	245 13	245 14	275 15	290 17	250 20	285 31	280 34			
Jhelum	300 06	310 08	295 11	310 11	310 13	300 14	290 24	290 33	280 36	330 10	325 15	325 11	310 17	310 14	320 17	350 10	340 15	330 13	280 12	275 10	305 07	300 08	270 27	270 23	280 31	280 62
Jiwani	215 10	190 10	185 10	305 05	350 09	020 12	350 18	300 19	280 23	290 11	295 11	315 10	185 02	145 03	150 04	290 11	300 12	310 09	285 15	205 05	335 06	280 08	220 11	250 21	..	...
Karachi	270 14	270 19	260 09	250 05	245 07	320 09	300 20	320 18	315 24	265 17	275 14	275 10	295 09	345 05	335 06	265 06	285 15	250 37	355 10	235 31	345 07	310 16				..
Khanpur	240 04	230 06	230 06	250 08	295 04	325 10	010 05	325 10	290 17	270 01	280 13	275 17	278 17	275 12	295 13	255 23	245 19	240 16	240 16	240 11	240 18	250 19	270 27	270 25	280 30	285 24
Khuzdar	..	—		305 09	285 11	290 08	245 06	305 18	275 21	...	...	..	345 11	340 24	005 27	...	...	...	340 12	295 13	325 32	295 11	275 28	280 36	285 34	..
Lahore	315 06	320 10	320 10	315 09	325 07	330 15	330 12	330 15	290 31	005 09	355 12	330 17	315 13	310 15	320 23	335 08	335 11	345 08	345 07	335 12	315 17	300 17	305 16	295 17	265 21	280 21
Multan	040 01	030 02	020 01	220 04	185 09	200 10	285 03	310 17	295 37	245 11	215 12	215 13	225 17	235 15	250 22	335 06	340 10	340 18	285 07	245 10	250 11	245 17	275 20	265 27	270 36	...
Nawab Shah	195 03	200 03	200 03	240 03	310 07	310 16	290 22	295 31	295 39	240 09	235 09	230 09	250 09	260 05	315 07	280 06	260 06	245 05	225 09	220 10	215 10	290 19	275 30	280 39	..	...
Nokkundi	...	...	...	—	...	...	...	...	...	...	—	...				...	...	—	...	...	...	...		—	..	...
Panjgur	...	...	...	355 12	340 14	340 18	.			...	.	...	325 22	335 21	335 14	..	...	..	350 11	336 14	335 16	320 22			...	—
Peshawar	...	110 05	020 31	207 25	315 06	275 10	295 14	290 29	285 27	...	090 02	325 03	315 08	315 08	250 09	...	060 10	015 07	280 10	275 10	265 14	270 14	285 33	2'5 37	270 48	...
Parachinar	...	...	...	...		—	...			...	..	...	...	...	...	...	...	—	...	...	...	...				...
Quetta				.	315 15	300 11	290 21	290 29	285 32	...	..					...		...	...	265 04	310 15	285 20	270 29	265 22	250 60	...
Sargodha	055 03	165 01	180 03	225 04	240 02	295 05	285 21	290 27	265 35	068 05	070 05	090 03	205 06	265 15	270 12	005 02	175 02	188 03	205 04	235 05	240 15	260 21	270 22	270 23	275 37	295 54
Skardu		...	..	.	..	...	...	...	...	...	...		.	...	...	...	...	...	—	—	...	...	..	...	..	—
Sylhet	155 10	200 10	220 14	225 10	260 10	—	...	...	—	190 27	215 29	220 30	240 27	...	...	115 07	205 12	210 21	...	...	...	—	—	.		—
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	265 17	275 14	275 00	295 09	345 09	335 06	290 22	275 24	270 25	265 26	250 41	240 62	...	—	...	...	...	...
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

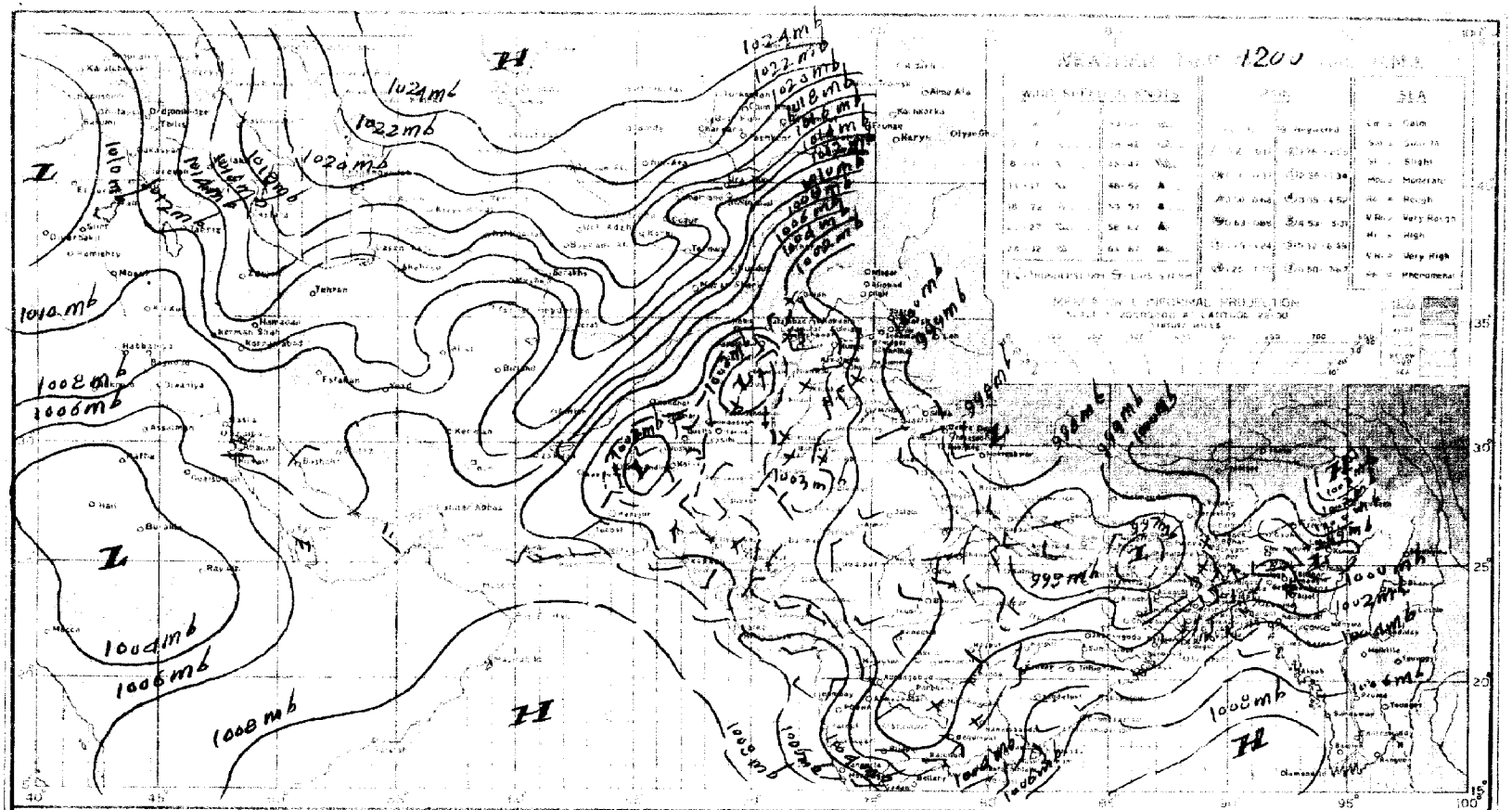
† The actual time of observations may vary within half an hour of the specified time.

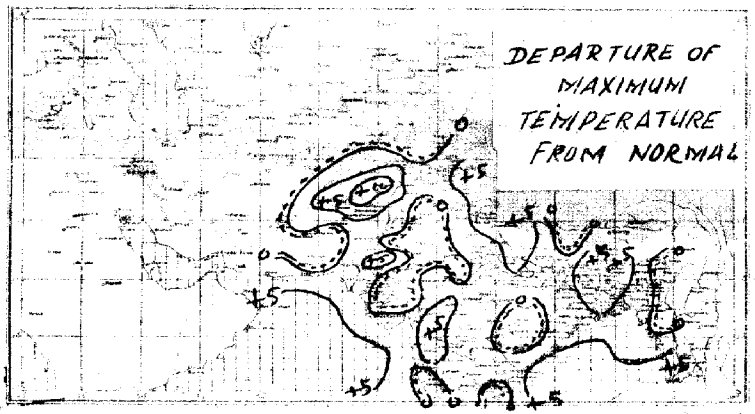
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" omitted.

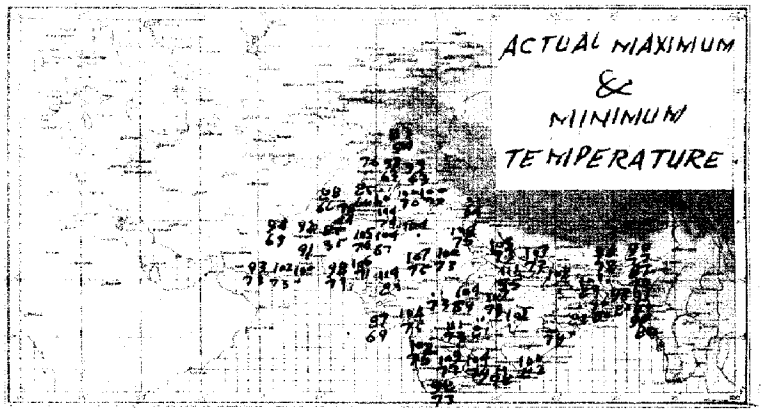
The accuracy of individual entries in this report cannot be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th APRIL, 1970

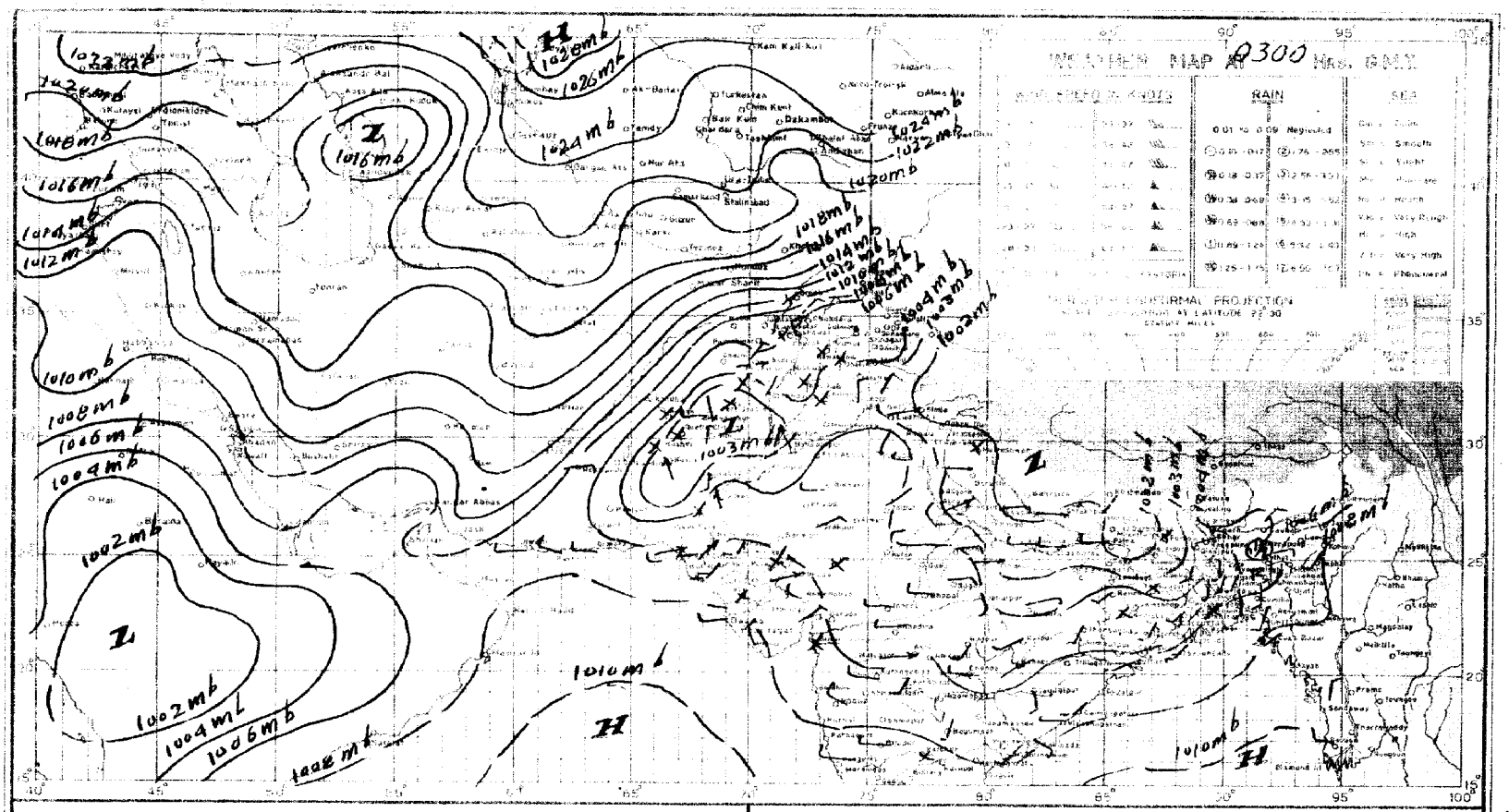


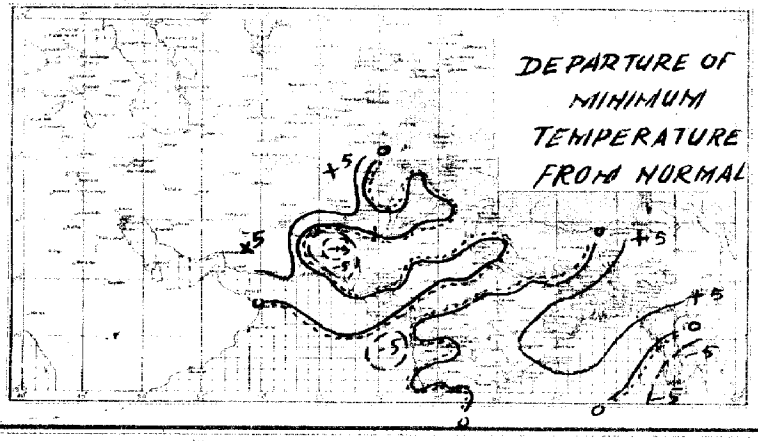


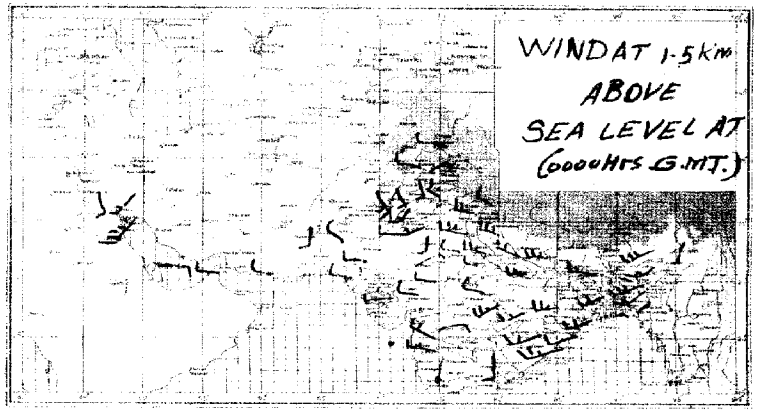


PAKISTAN DAILY WEATHER MAP

THURSDAY 30th APRIL, 1970







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