Pakistan 1961

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PAKISTAN DAILY WEATHER REPORT

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OCT 1 1962
WEATHER BUREAU

SUNDAY THE 1st OCTOBER, 1961.

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

Observations from Madhya Pradesh and Vindhia Pradesh meagre but believe yesterday's depression moved northwestwards and is centred at 0300 G. M. T. about 80 miles eastnortheast of Pendra. It is now likely to move in a northerly direction and weaken.

Rain/thundershowers have been local in East Pakistan outside Dacca division where they were scattered.

Yesterday's low pressure wave moved away eastwards. Another today lies over D. I. Khan division and adjoining areas.

Local rain/thundershowers have been reported from Peshawar division and scattered from Rawalpindi division.

Chief amounts of rainfall are:—Murree 1½"; Khulna and Pangpur 1" each; Cox's Bazar, Maijdee Court, Comilla, Satkhira and Khulna ½" each and Rangamati, Faridpur and Haripur ½" each.

Day temperatures were 3-5°F above normal in Multan and Peshawar divisions.

Forecast vaild until the evening of 2nd October, 1961:—Rain/thundershowers will be fairly widespread in East Pakistan, local in Rawalpindi division and Kashmir and scattered in Peshawar divisions.

Karachi-11
The 1st October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	Heigh Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxT	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
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	015	3	7	18	05	95	61	6	056	77	4	7	3	2	x	76	91	017	9	6	23	05	58	03	6	079	86	3	7	5	4	3	77	77	—	—				—
	Cox's Bazar	005	0	8	23	05	96	60	5	045	79	7	6	4	2	x	78	82	058	6	6	16	02	97	21	6	065	82	2	4	5	3	0	79	79	— 5	+ 4	157.8	+51.8	172.8	140
	Chittagong	000	0	8	16	09	96	03	2	041	81	5	3	5	0	2	78	86	000	0	6	13	09	97	02	1	046	83	2	3	6	1	2	77	77	— 1	+ 1	120.3	+43.5	161.3	108
	Maijdee Court	005	5	6	00	00	95	03	6	038	78	4	2	5	2	0	75	86	060	4	7	00	00	97	03	6	064	81	4	2	5	2	x	80	75	— 1	— 2				115
	Comilla	015	1	7	13	09	96	02	6	036	80	7	4	5	0	0	70	88	067	1	8	18	05	96	02	6	xxx	79	8	4	4	x	x	78	75	0	— 1	—	—	—	94
	Brahmanbaria	000	0	6	18	03	97	03	1	035	81	6	5	5	0	0	77	87	005	2	7	18	01	95	03	6	063	79	8	5	5	0	0	78	78	—	—	48.1	— 0.4	63.6	78
	Sylhet	000	0	6	00	00	97	03	2	034	84	3	4	6	0	1	78	87	005	3	7	13	02	96	21	6	065	80	7	5	4	2	0	77	77			94.8	—	—	—
	Srimangal	000	8	8	24	08	95	15	2	xxx	81	8	6	4	0	0	77	90	000	0	8	18	09	95	02	2	xxx	84	0	0	5	4	0	78	76	—	0	—	—	—	98
Dacca	Mymensingh	007	4	8	00	00	97	02	6	032	82	8	7	4	x	x	78	89	008	0	8	13	02	97	02	1	0x1	84	8	0	8	2	x	78	77	+ 2	0	42.1	—21.4	58.4	91
	Narayanganj	003	3	8	18	03	95	03	6	028	82	5	7	3	7	0	77	83	003	9	7	13	03	96	03	2	099	84		4	2	0	0	77	80	— 5	+ 2	54.6	+ 6.0	58.8	74
	Dacca (Tezgaon)	006	5	7	23	02	97	03	6	026	80	2	8	5	3	1	76	87	006	0	5	13	05	97	01	2	053	82	5	8	4	0	0	77	78	—	—	55.3	—	78.9	—
	Faridpur	033	4	8	16	02	95	02	6	021	78	7	4	5	1	0	77	88	034	0	7	16	02	95	02	6	047	82	5	5	5	1	0	79	77	+ 1	0	44.3	— 2.9	72.0	71
Khulna	Barisal	020	4	4	00	00	97	02	6	029	80	4	7	6	x	x	79	89	100	0	4	00	00	97	02	2	053	87	4	0	9	9	0	77	79	+ 1	+ 2	58.2	+ 1.5	82.7	81
	Khulna	[illegible]	0	8	00	00	96	03	2	025	79	8	7	5	0	0	68	86	000	0	4	00	00	96	01	1	049	84	4	5	6	0		60	77	— 2	+ 1	40.1	— 8.7	53.7	68
	Satkhira	027	9	8	00	00	95	03	6	021	78	6	4	4	3	x	77	87	046	9	6	00	00	97	02	6	045	87	4	4	6	3	0	80	81	0	+ 5	—	—	—	65
	Jessore	005	6	6	18	02	96	03	6	025	80	4	4	6	6	0	77	86	005	9	7	13	07	96	03	6	041	84	6	6	0	x	x	78	70	—	—	42.7	— 1.5	53.7	65
Rajshahi	Pabna	006	6	6	13	05	97	03	6	017	81	4	1	9	7	8	76	88	005	0	7	13	05	98	03	2	048	94	4	3	7	6	1	79	79	—	—	33.1	—	37.5	59
	Sirajganj	000	0	8	00	00	97	02	1	022	82	8	1	5	0	4	76	83	000	0	8	18	05	97	02	1	048	85	6	4	5	0	0	81	78	— 0	+ 1	—	—	—	64
	Bogra	028	2	8	09	02	96	61	9	023	81	6	5	5	2	x	79	89	xxx	2	8	13	02	96	02	6	048	81	4	3	5	2	0	78	79	+ 1	+ 2	—	—	—	69
	Dinajpur	006	0	4	00	00	96	02	6	023	81	4	0	9	2	7	79	88	013	3	7	00	00	96	03	2	051	78	x	x	x	x	x	75	77	0	+ 1	33.1	—23.0	37.6	72
	Rangpur	094	5	2	09	02	96	01	6	027	79	2	1	6	0	0	77	80	117	1	8	09	02	96	02	6	048	75	8	5	6	x	x	74	75	— 8	— 1	41.7	—20.3	55.9	64
Kashmir	Jummu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	999	98	0	0	9	0	0	64	02	000	0	0	00	00	96	02	0	031	92	0	0	9	0	0	64	75	+ 4	+ 10	35.5	— 9.0	50.2	19
	Sialkot	000	0	0	00	00	97	00	0	002	93	0	0	9	0	0	75	95	000	0	0	13	03	97	00	0	030	83	0	0	9	0	0	61	75	0	+ 7	28.1	+ 4.6	35.3	32
Rawalpindi	Jhelum	000	0	1	09	03	97	02	0	997	92	1	1	7	0	0	76	95	000	7	1	00	00	98	02	3	031	83	1	0	9	3	0	62	73	—	—	21.7	—	33.5	—
	Rawalpindi	000	0	1	09	02	97	00	0	999	89	1	1	8	0	0	74	93	008	0	1	27	02	98	01	2	042	74	1	0	9	3	0	64	68	0	+ 6	36.6	+13.1	51.4	36
	Campbellpur	000	0	1	13	02	98	01	1	988	94	0	0	9	1	0	70	96	000	0	0	00	00	98	00	0	052	76	0	0	9	0	0	59	69	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	09	03	99	00	0	986	00	0	0	9	0	0	60	01	000	0	0	09	02	99	00	0	041	81	0	0	9	0	0	75	74	+ 3	+ 5	7.1	— 3.1	11.1	15
	Lyallpur	000	0	0	16	02	96	00	0	995	00	0	0	9	0	0	59	00	000	0	0	16	02	96	00	0	017	76	0	0	9	0	0	65	73	+ 2	+ 6	10.9	+ 1.7	13.9	12
Multan	Montgomery	000	0	0	23	02	97	02	0	996	98	0	0	9	0	0	81	02	000	0	0	00	00	96	00	0	029	83	0	0	9	0	0	69	74	+ 3	+ 4	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	98	02	0	989	00	0	0	9	0	0	63	03	000	0	0	27	02	98	02	0	013	83	0	0	9	0	0	68	78	+ 5	+ 8	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	20	01	97	00	0	973	99	0	0	9	0	0	62	04	000	0	0	07	02	97	00	0	018	84	0	0	9	0	0	64	72	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	1	27	03	96	02	0	[illegible]	99	1	1	8	0	0	66	00	000	0	0	25	07	96	02	0	029	81	0	0	9	0	0	68	75	0	+ 6	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	23	02	98	00	0	982	01	0	0	9	0	0	73	01	000	0	0	20	03	98	00	0	016	88	0	0	9	0	0	76	79	+ 2	+ 11	3.0	— 1.2	4.9	6
	Fort Abbas	000	0	0	25	02	98	00	0	997	01	0	0	9	0	0	81	06	000	0	0	25	02	98	00	0	035	87	0	0	9	0	0	70	78	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	18	02	98	00	0	982	87	0	0	9	0	0	63	91	000	0	0	36	02	97	00	0	037	74	0	0	9	0	0	56	68	—	—	12.2	—	25.3	—
	Peshawar	000	0	2	05	03	97	02	9	991	92	2	9	6	0	0	66	95	000	0	0	00	00	98	01	0	046	78	0	0	9	0	0	63	72	+ 2	+ 7	7.5	+ 3.1	16.6	11
	Haripur	000	0	0	13	02	97	00	0	994	89	0	0	9	0	0	67	92	021	0	0	31	02	97	00	0	052	74	0	0	9	0	0	66	70	—	—	25.5	—	36.5	—
D. I. Khan	Bannu	000	0	1	13	02	99	00	0	976	97	0	0	9	1	0	83	98	000	0	0	00	00	99	00	0	033	79	0	0	9	0	0	68	76	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	979	98	0	0	9	0	0	75	99	000	0	0	05	02	98	00	0	023	77	0	0	9	0	0	69	73	+ 1	+ 5	5.1	— 0.4	7.4	9
Quetta	Sibi	000	6	0	18	05	98	00	0	999	03	0	0	9	0	0	54	07	000	0	0	00	00	93	05	4	xxx	79	0	0	9	0	0	65	81	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	028	92	0	0	9	0	0	25	96	000	0	0	31	05	98	02	0	087	67	0	0	9	0	0	25	64	—	—	0.1	—	1.0	2
	Turbat	000	0	0	13	03	98	00	0	007	06	0	0	9	0	0	71	07	000	0	0	09	01	96	00	0	040	78	0	0	9	0	0	54	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	0	23	12	97	02	0	035	68	0	0	9	0	0	75	93	...	...	...	...	...	...	...	...			...	...	...	...	...	...	...	—					5
	Pasni	000	6	0	20	10	97	05	4	024	87	0	0	9	0	0	77	93	000	3	0	09	02	96	42	4	052	74	0	0	9	0	0	74	xx	+ 2	—	2.0	— 1.1	5.4	6
Karachi Division	Ormara	000	0	1	23	05	96	03	1	024	66	1	1	5	0	0	82	89	000	0	4	00	00	96	03	1	049	79	4	1	5	0	0	79	76	—	—	4.4	+ 3.6	9.9	6
	Las Bela	000	0	0	02	xx	98	00	0	998	88	0	0	9	0	0	80	05	000	0	0	00	xx	98	00	0	038	80	0	0	9	0	0	73	77	—	—	0	—	0	8
	Karachi (Manora)	000	0	3	27	12	98	01	1	028	86	3	6	4	0	0	78	90	000	0	3	31	12	95	05	1	051	80	3	6	4	0	0	71	78	+ 4	+ 1	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	1	23	09	96	03	0	033	86	1	6	5	0	1	74	91	000	0	1	27	03	96	03	0	055	80	1	6	5	0	0	74	78	—	—	21.2	—	24.6	—
Hyderabad	Nagarparker	000	0	3	31	02	97	00	0	011	95	0	3	8	0	0	83	96	000	0	0	31	01	97	00	0	050	80	0	0	8	0	0	76	xx	—	—	25.7	—	26.9	—
	Umerkot	000	0	0	23	01	98	02	0	016	96	0	0	9	0	0	74	99	000	0	0	23	01	97	02	0	046	83	0	0	9	0	0	76	77	—	—	15.9	—	18.0	—
	Hyderabad	000	0	2	23	02	97	03	0	022	92	0	0	8	0	1	73	97	000	0	0	23	05	97	02	0	043	81	0	0	5	0	0	73	76	— 2	+ 2	12.0	+ 6.0	12.9	7
	Badin	000	0	0	18	02	97	00	0	025	94	0	0	9	0	0	73	99	000	0	0	23	02	97	00	0	062	81	0	0	9	0	0	77	78	+ 3	+ 6	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	13	10	97	02	0	007	00	0	0	9	0	0	59	03	000	0	0	13	05	97	02	0	030	78	0	3	9	0	0	71	74	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	18	07	97	01	0	011	97	0	0	9	0	0	65	01	000	0	0	18	03	97	02	0	041	80	0	0	9	0	0	71	74	—	—	6.4	—	8.3	—
	Sukkur	000	0	0	31	02	98	02	0	000	99	0	0	9	0	3	71	03	000	0	0	20	02	98	02	0	031	83	0	0	9	0	0	73	78	—	—	1.1	—	2.2	4
	Kashmore																		000	0	0	00	00	99	00	0	024	00	0	0	9	0	0	71	76	—	—	—	—	—	—
	Jacobabad	000	0	0	13	03	97	02	0	002	00	0	0	9	0	0	79	01	000	0	0	09	03	97	02	0	031	83	0	0	9	0	0	76	79	0	+ 8	6.6	+ 4.3	8.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	3	13	02	97	01	9	[illegible]	[illegible]	3	3	3	0	0	62	71	152	9	2	18	05	97	01	9	479	58	2	1	4	0	0	47	47	+ 1	+ 7	46.4	+10.7	67.9	59
Peshawar	Drosh *	000	5	6	23	07	97	03	2	421	80	4	8	7	6	0	43	89	000	9	3	00	00	98	03	2	468	67	3	2	7	0	0	47	66	+ 5	+ 8	4.1	—	21.1	18
	Cherat *	000	0	0	00	00	98	00	1	435	83	0	0	9	0	0	70	84	000	0	0	23	05	96	00	1	452	71	0	0	9	0	0	67	68	+ 1	—	14.5	+ 2.6	32.8	29
	Kakul *	000	8	2	20	05	96	01	1	446	78	2	2	6	0	0	63	85	063	9	2	36	02	98	01	9	463	63	2	2	6	0	0	56	59	—	—	31.3	—	34.6	—
	Landi Kotal *	000	0	1	13	04	99	01	0	435	84	1	1	7	0	0	58	90	000	0	0	00	00	98	00	0	452	74	0	0	9	0	0	59	64	—	—	4.0	—	12.7	—
	Parachinar *	000	0	4	13	01	99	00	0	444	80	4	0	9	4	0	58	84	000	0	0	00	00	99	00	1	459	64	0	0	9	0	0	41	58	+ 6	+ 5	16.8	—	27.7	29
D.I. Khan	Miranshah *	000	0	0	02	02	99	00	0	480	91	0	0	9	0	0	60	93	000	0	0	00	00	99	00	0	464	77	0	0	9	0	0	41	74	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	99	00	0	513	85	0	0	9	0	0	33	92	000	0	0	00	00	99	00	0	513	85	0	0	9	0	0	33	82	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	25	03	99	02	0	444	91	0	0	9	0	0	32	92	000	0	0	00	00	99	02	0	475	65	0	0	9	0	0	29	62	+ 2	+ 3	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	25	21	95	00	0	419	88	0	0	9	0	0	56	87	000	0	0	25	07	97	00	0	418	65	0	0	9	0	0	35	27	—	—	0.7	—	5.8	—
	Loralai *	000	0	0	13	02	99	00	0	431	83	0	0	0	0	0	53	89	000	0	0	27	02	99	00	0	402	62	0	0	0	0	0	34	40	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	0	0	0	xx	xx	—	—	21.1	+14.6	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	497	90	0	0	9	0	0	63	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Chaman *	000	0	0	31	05	98	00	0	467	83	0	0	9	0	0	33	85	000	0	0	13	05	98	00	0	481	47	0	0	9	0	0	20	55	— 2	+ 1	0.7	+ 0.5	6.3	8
	Nushki *	000	0	0	27	02	98	02	0	518	90	0	0	9	0	0	61	91	000	0	0	09	05	98	02	0	521	71	0	0	9	0	0	36	65	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	25	03	96	02	0	479	91	8	0	9	0	0	47	xx	000	0	0	05	02	96	02	0	466	62	0	0	9	0	0	34	55	—	—	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	23	07	98	00	0	438	74	0	0	9	0	0	53	81	000	0	0	18	03	98	00	0	468	56	0	0	9	0	0	23	39	+ 1	+ 4	1.2	0.0	12.9	7
	Panjgur *	000	0	0	36	02	98	02	0	476	87	0	0	9	0	0	30	80	000	0	0	05	02	98	02	0	465	40	0	0	9	0	0	23	54	— 6	— 6	2.0	—	5.0	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

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

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

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

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

SEP 20 2001
123 207
OVERSIZE
QC
990
.A18
P35
1961
Oct-Dec.

National Oceanic and Atmospheric Administration

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	73 213	63 100	1 27 02	97 0 10	05 079	10 6 10	75 4 00	...	05 2 74	12 7 20
Mustanin	73 218	62 206	2 23 05	98 0 20	04 x81	54 x xx	...	...	...	...
Safina	73 210	69 012	5 23 09	97 1 50	05 x84	...	...	...	...	...
Mastansar	73 207	61 212	0 23 03	98 0 20	04 x81	54 x xx	...	...	...	...
Almaca	73 247	64 312	0 27 06	98 0 20	02 785	00 9 00	...	...	05 7 77	12 9 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	917 995 002	...	...	141 182 155	—	308 092 048	435 045 002	581 545 582	753 675 995	963 809	238 020	...	—
Jiwani ...														
Karachi ...	00 00	001 282 238	029 332 202	...	140 298 042	...	310 132 995	437 025 998	582 568 995	753 665 992	963 950	...	...	...
Lahore ...	00 00	978 295 198	...	...	143 210 100	...	311 105 072	437 015 995	582 540 990	756 612 995	973 692	...	...	...
Multan ...														
Peshawar ...	00 00	963 238 135	...	...	143 235 142	...	312 135 545	439 065 672	586 528 752	760 625 995	975 735	264 845	...	...
Quetta ...	00 00	829 135 582	MISDA	...	...	...	...	...	...	...	—	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 212 185	800 148 115	707 265 412	414 655 755	...	...	...		...	414 655 755	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	900 262 122	800 172 082	...	...	...	...	...	...	...	800 172 082	...	...
Multan ...													
Peshawar ...	00 00	920 242 125	900 252 125	800 212 135	500 610 350	250 798 998	190 860 990	...	...	...	190 860 990	...	—
Quetta ...	00 00	MISDA	...	...	...				...	...		...	...

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

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

UPPRE WIND DATA*

Height in Kms. a.s—1	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date* (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	09 12	12 14	13 19	...	...	...	...	...	...	17 13	...	...	...	...	...	18 03	13 18	18 13	...	...	...	...	...	...	...	...
Chaklala ...	...	13 07	14 08	21 08	22 08	26 13	28 21	29 25	30 38	...	06 14	05 13	12 11	21 09	...	...	30 01	33 04	34 03	26 03	23 02	29 21	31 30	31 39	31 xx	07 21
Chhor ...	22 08	23 08	22 09	18 12	18 13	15 04	05 09	05 13	07 15	...	21 13	20 10	21 05	20 05	0. 05	23 09	22 15	22 17	20 13	10 10	19 12	03 17	04 13	04 12	05 09	...
Chittagong ...	21 15	21 17	22 17	22 12	21 11	19 09	20 08	...	...	18 13	19 13	19 13	19 13	19 11	19 09	18 11	19 14	18 15	20 18	20 17	20 14	17 12	18 08	22 07	18 06	17 07
Cox's Bazar ...	21 14	21 12	21 11	23 10	...	...	...	...	...	18 12	19 11	21 11	21 13	20 14	21 08	19 12	20 13	23 14	22 11	21 07	29 06	17 02	31 04	23 05	...	...
Dacca ...	16 17	16 18	16 15	16 13	18 14	19 14	19 10	22 09	21 08	17 13	19 17	...	...	...	...	17 11	18 13	19 13	18 17	19 24	20 20	...	...	...	...	...
Dalbandin ...	...	...	25 04	25 03	01 03	16 02	05 08	03 06	04 03	...	...	07 12	10 04	27 04	34 11	...	...	09 03	10 06	31 04	36 06	14 04	19 05	23 07	27 09	26 05
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 18	20 08	...	...	...	...	...	...	...	...	...	...	...	...	...	20 35	19 03	15 02	11 06	18 08	17 23	13 27
Fort Sandeman ...	...	...	...	26 04	20 07	26 08	31 24	30 35	30 39	...	...	...	22 06	33 03	35 05	...	...	...	23 03	21 09	29 05	32 29	32 32	32 27	...	...
Jacobabad ...	19 00	20 05	22 05	31 03	29 05	29 06	33 09	33 11	34 12	20 15	21 17	21 12	23 04	27 04	32 06	11 02	23 03	23 04	17 03	26 02	27 04	33 11	35 10	33 12	33 10	...
Jessore ...	18 10	19 17	20 14	21 14	20 15	23 09	21 12	...	...	19 15	19 16	19 15	21 18	...	...	16 10	16 14	...	...	...	...	...	...	...	...	...
Jhelum ...	11 04	18 04	20 06	26 07	26 07	29 13	29 25	30 36	30 40	02 12	05 15	10 10	17 07	25 12	33 07	00 00	08 03	13 03	34 04	28 06	26 12	31 24	32 31	32 40	...	...
Jiwani ...	21 09	25 09	25 08	35 13	35 16	03 09	04 09	01 11	01 12	26 04	31 12	31 13	35 03	07 05	02 18	26 03	05 03	06 03	28 02	30 06	03 14	09 15	10 20	10 20	12 11	25 12
Karachi ...	25 09	24 07	25 02	17 01	32 02	05 07	09 13	09 19	09 17	...	...	...	...	...	...	26 12	27 12	28 11	...	...	...	...	...	—	...	...
Khanpur ...	25 07	24 13	24 15	24 19	24 16	23 23	23 20	20 19	...	24 29	24 29	23 27	25 21	...	...	22 08	23 14	24 11	25 09	...	...	...	...	...	...	...
Lahore ...	27 04	26 06	25 08	24 09	24 08	28 36	29 10	28 13	30 17	05 15	03 10	33 06	24 11	27 08	28 12	13 05	13 07	14 07	26 04	24 13	25 12	27 15	30 17	32 19	31 31	32 49
Multan ...	22 15	21 19	21 15	22 09	25 07	19 10	29 17	30 25	30 33	23 32	24 16	25 20	23 13	...	...	26 09	27 08	27 06	24 09	23 09	20 04	34 03	36 05	33 09	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 04	06 03	05 07	16 06	07 06	05 07	...	...	...	36 12	01 06	04 05	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	36 03	33 01	16 03	14 08	19 15	27 16	29 23	33 21	...	35 01	14 03	18 05	23 08	26 13	...	03 02	08 04	21 03	23 04	31 09	27 17	30 34	30 34	...	...
Quetta ...	...	...	...	...	29 01	33 05	30 22	32 08	32 [illegible]	...	...	...	...	30 01	30 05	...	...	...	...	34 05	35 07	31 19	31 13	31 16	25 06	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 04	15 03	19 03	20 05	21 10	22 09	...	...	...	13 09	13 14	—	...	...	...	...	—	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—1→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	17 12	18 13	19 12	19 13	18 13	18 13	17 09	24 07	24 06	20 13	23 09	18 07	02 11	...	...	...	...	...
Karachi ...	20 12	26 11	26 11	26 03	25 06	05 13	04 06	09 21	09 22	16 08	20 02	32 10	30 15	...	...	...	...	...
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

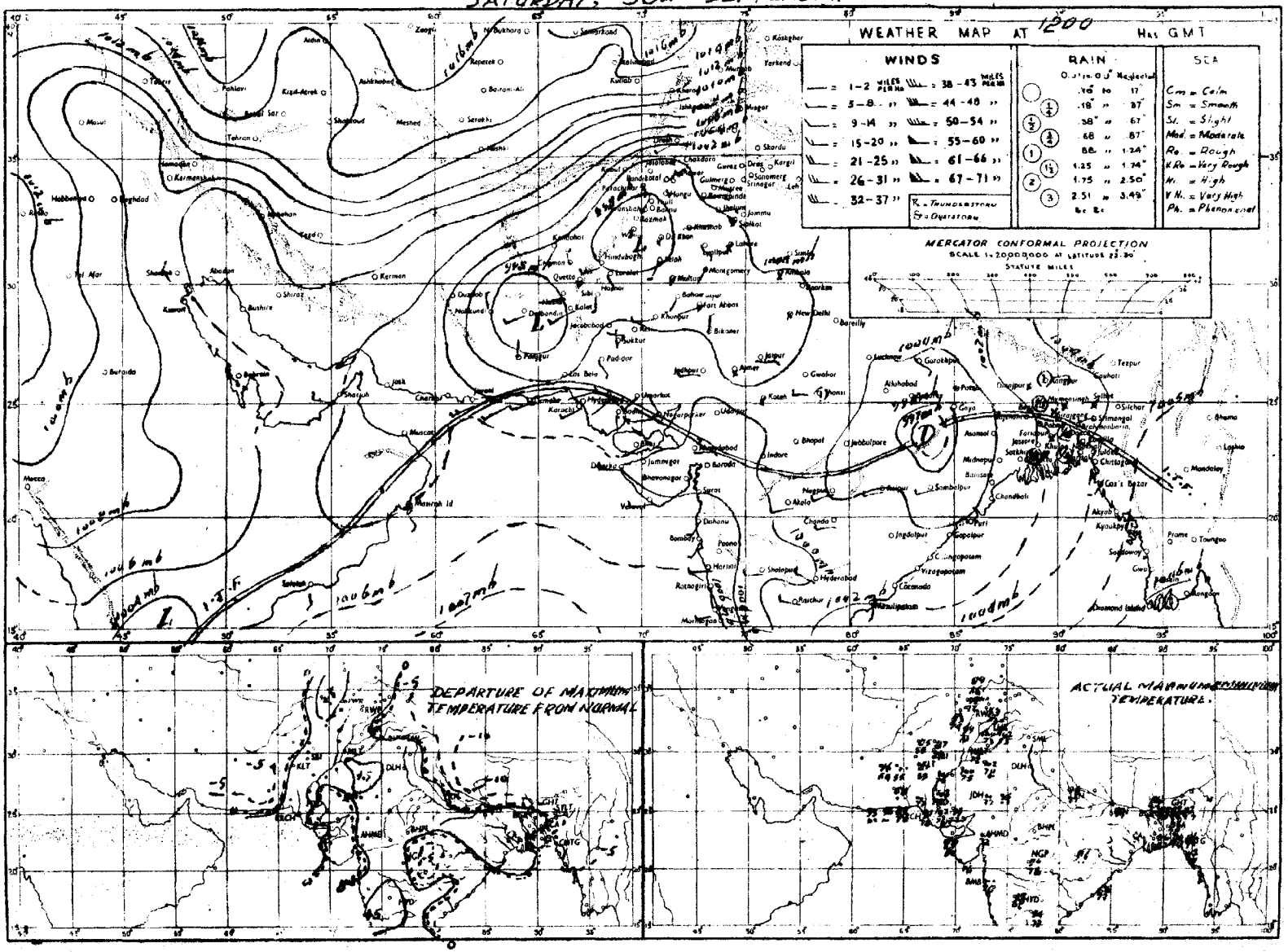
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

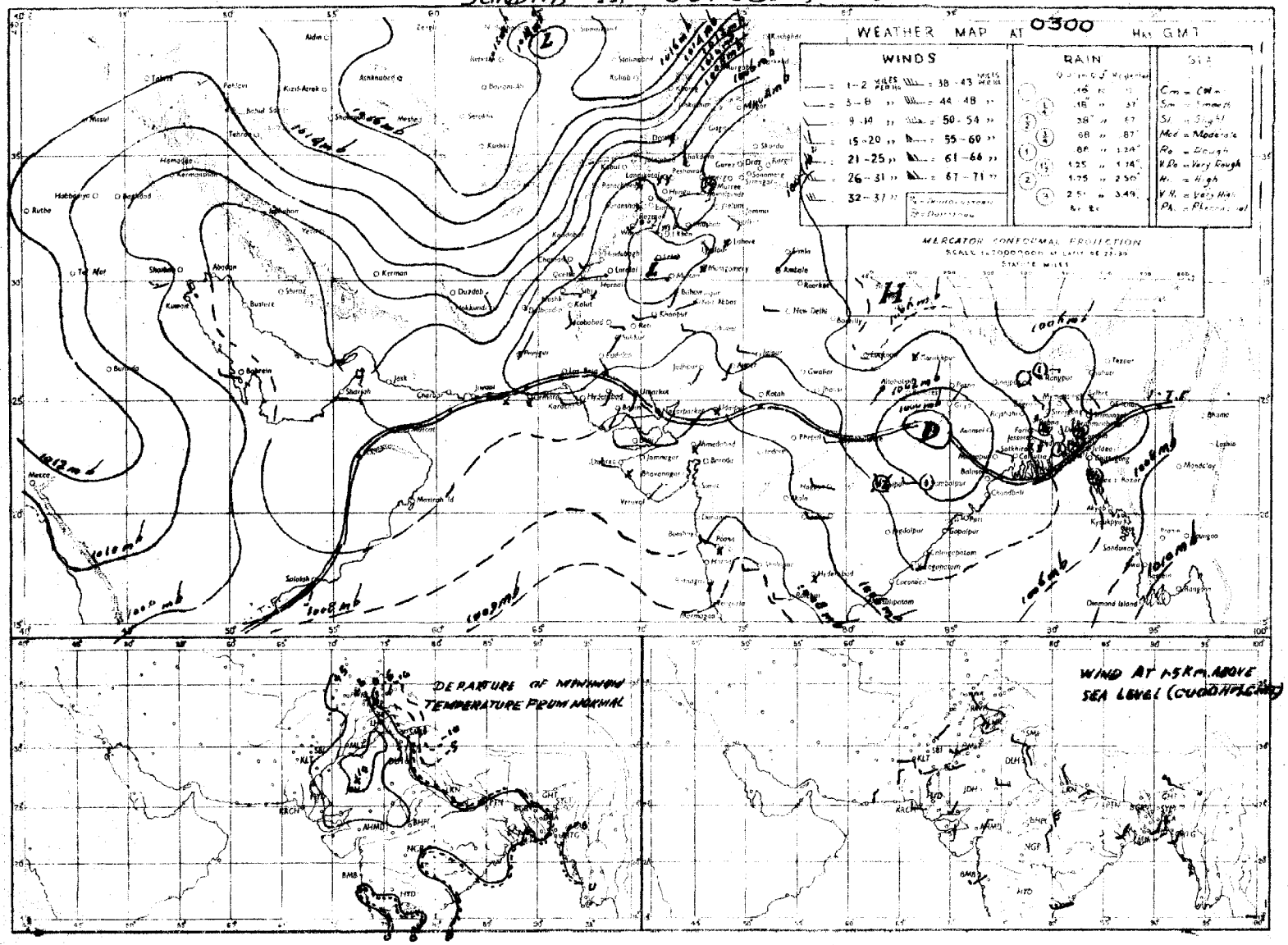
SATURDAY, 30th SEPTEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 1ST OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 2nd OCTOBER, 1961.

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

Observations from Chota Nagpur, Bihar and adjoining areas are lacking but believe yesterday's depression moved North northeastwards and is centred at 0300 G. M. T. to-day about 50 miles Eastsoutheast of Gaya. It is likely to continue move in the same direction and weaken rapidly.

Widespread rain/thundershowers have occured in East Pakistan outside Chittagong division where they were fairly widespread.

Yesterday's low pressure wave is now moving across Rawalpindi and Sargodha divisions.

Light rain/drizzle has been reported from Peshawar division.

Chief amounts of rainfall are:—Mymensingh 1½"; Khulna and Rangpur 1" each; Narayanganj and Barisal (till oooo-Z) 3/4" each; Chittagong Sylhet and Faridpur ½" each and Maijdee Court, Comilla, Satkhira, Jessore, Sirajganj, Bogra, and Dinajpur ½" each.

Day temperatures were 3-5°F above normal in Multan and adjoining Bahawalpur divisions.

Forecast valid until the evening of 3rd October, 1961:—Rain/thundershowers will be fairly widespread in East Pakistan. A few thunderstorms may also occur in Kashmir and adjoining areas of Rawalpindi and Peshawar divisions.

Heavy Rainfall Warning Moderate to heavy rain will fall at a few places of East Pakistan during next 36 hours.

Karachi-11
The 2nd October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	Heigh Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	011	6	9	18	05	xx	00	6	031	81	9	x	0	x	1	77	91
	Cox's Bazar	020	0	6	20	09	96	02	2	03	82	4	4	5	0	8	79	85
	Chittagong	000	0	6	18	12	96	02	2	032	32	1	3	x	8	3	77	86
	Maijdee Court	005	6	6	18	09	95	02	6	024	83	4	4	5	2	0	77	86
	Comilla	006	2	6	18	05	96	02	6	991	81	6	4	5	0	0	77	87
	Brahmanbaria	000	0	6	13	03	96	03	1	015	84	6	5	5	0	0	78	87
	Sylhet	049	4	8	00	00	96	03	9	018	77	2	5	5	2	x	75	82
	Srimangal																	
Dacca	Mymensingh	000	0	8	13	05	97	02	1	023	83	8	4	7	4	x	79	88
	Narayanganj	002	5	8	16	03	95	03	9	014	84	4	4	3	2	x	76	67
	Dacca (Tejgaon)	009	8	8	18	02	97	17	9	014	80	4	9	5	2	1	77	87
	Faridpur	045	1	8	16	02	95	61	6	013	78	7	4	5	1	x	77	87
Khulna	Barisal	000	4	4	13	02	97	02	5	013	83	4	7	6	0	0	79	89
	Khulna	000	0	6	00	00	96	02	2	004	80	6	5	6	0	0	71	86
	Satkhira	000	0	6	00	00	96	03	2	002	82	4	4	6	3	0	79	88
	Jessore	000	0	8	18	02	95	02	2	010	82	8	8	5	x	x	79	87
Rajshahi	Pabna	000	0	8	13	05	xx	03	2	997	84	3	9	6	7	x	76	89
	Sirajganj	000	0	8	00	00	97	02	2	098	82	8	4	6	0	0	76	86
	Bogra	008	3	7	09	05	96	03	6	004	80	5	5	5	1	0	78	86
	Dinajpur	000	9	5	00	00	96	01	6	999	84	2	6	5	2	x	77	88
	Rangpur	035	6	3	13	02	96	01	6	0.9	79	3	0	9	1	0	75	82
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	993	96	0	0	9	0	0	64	99
	Sialkot	000	0	0	00	00	97	00	0	998	91	0	0	9	0	0	70	98
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	994	93	0	0	9	0	0	70	97
	Rawalpindi	000	0	1	00	00	98	00	0	992	92	1	1	8	0	0	67	93
	Campbellpur	000	0	0	00	00	98	00	0	993	92	0	0	9	0	0	80	96
Sargodha	Khushab	000	0	0	09	02	99	00	0	991	96	0	0	9	0	0	59	97
	Lyallpur	000	0	0	16	02	96	00	0	987	99	0	0	9	0	0	66	99
Multan	Montgomery	000	0	0	00	00	96	00	0	992	96	0	0	9	0	0	64	00
	Multan	000	0	0	00	00	98	02	0	990	99	0	0	9	0	0	64	08
	Laiah	000	0	0	36	01	97	00	0	998	99	0	0	9	0	0	68	05
Bahawalpur	Khanpur	000	0	0	27	02	96	02	0	996	98	0	0	9	0	0	60	09
	Bahawalpur	000	0	0	27	01	98	00	0	xxx	99	0	0	9	0	0	72	02
	Fort Abbas	000	0	0	23	02	98	00	0	0.4	99	0	0	9	0	0	61	04
Peshawar	Chakdara	000	0	0	18	02	98	00	0	979	87	0	0	9	0	0	54	89
	Peshawar	000	0	1	05	03	97	02	0	993	90	1	1	6	0	0	65	93
	Haripur	000	0	0	23	03	97	00	0	993	89	0	0	9	0	0	67	93
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	999	93	0	0	9	0	0	65	94
	D. I. Khan	000	0	0	02	02	98	00	0	987	94	0	0	9	0	0	66	96
Quetta	Sibi	000	6	0	09	02	98	00	0	989	05	0	0	9	0	0	52	07
Kalat	Nokkundi	000	0	0	34	05	98	02	0	009	95	0	0	9	0	0	30	97
	Turbat	000	0	0	18	13	98	00	0	993	05	0	0	9	0	0	49	07
	Jiwani	000	0	0	23	10	97	02	0	034	66	0	0	9	0	0	74	89
	Pasni	000	6	0	25	08	97	05	4	034	86	0	0	9	0	0	77	91
Karachi Division	Ormara	000	0	2	27	06	96	03	1	024	66	2	1	5	0	0	82	89
	Las Bela	000	0	0	02	xx	18	00	0	020	95	0	0	9	0	0	81	02
	Karachi (Manora)	000	0	3	27	14	98	01	1	027	85	3	6	4	0	0	76	89
	Karachi (Air Port)	000	0	0	25	07	97	01	0	028	85	0	0	9	0	0	73	89
Hyderabad	Nagarparker	000	0	0	18	01	97	00	0	038	89	0	0	9	0	0	81	03
	Umerkot	000	0	0	20	03	98	22	0	014	94	0	0	9	0	0	75	96
	Hyderabad	000	0	0	23	07	97	02	0	017	93	0	0	9	0	0	69	97
	Badin	000	0	0	23	02	97	00	0	021	93	0	0	9	0	0	76	98
Khairpur	Pad-i-dan	000	0	0	13	09	97	02	0	997	98	0	0	9	0	0	62	01
	Nawabshah	000	0	0	18	09	97	02	0	009	98	0	0	9	0	0	62	01
	Sukkur	000	0	0	27	02	98	02	0	994	98	0	0	9	0	0	75	03
	Kashmore	000	0	0	00	00	99	00	0	985	90	0	0	9	0	0	72	97
	Jacobabad	000	0	0	18	03	97	02	0	998	97	0	0	9	0	0	81	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	0	27	02	98	00	1	442	66	0	0	9	0	0	55	71
Peshawar	Drosh *	000	0	2	23	10	99	01	0	413	83	2	2	7	0	0	46	86
	Cherat *	000	0	0	13	07	98	00	6	434	81	0	0	9	0	0	68	84
	Kakul *	000	0	1	23	05	98	01	1	432	77	1	2	6	0	0	58	82
	Landi Kotal *	000	0	1	13	03	98	01	0	437	82	1	1	7	0	0	56	87
	Parachinar *	000	0	4	13	01	99	00	0	455	77	4	0	9	4	0	49	81
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	425	86	0	0	9	0	0	57	88
	Wana *	000	0	0	09	03	99	00	0	517	85	0	0	9	0	0	33	90
Quetta	Fort Sandeman *	000	0	0	25	02	98	02	0	442	91	0	0	9	0	0	32	92
	Hindubagh *	000	0	0	25	12	96	00	0	405	84	0	0	9	0	0	20	88
	Loralai *	000	0	0	13	02	99	00	0	431	88	0	0	8	0	0	51	88
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	8	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	466	80	0	0	9	0	0	55	82
	Chaman *	000	0	0	27	05	98	00	0	453	82	0	0	9	0	0	26	84
	Nushki *	000	0	0	27	05	98	02	0	522	87	0	0	9	0	0	70	90
	Dalbandin *	000	0	0	07	05	97	02	0	466	93	0	0	9	0	0	40	93
Kalat	Kalat *	000	0	0	27	03	98	00	0	410	76	0	0	9	0	0	51	81
	Panjgur *	000	0	0	36	03	98	02	0	466	87	0	0	9	0	0	73	88
Afghanistan	Kabul *																	
	[illegible] *																	

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

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Chittagong	Rangamati	011	0	6	18	05	98	02	2	065	86	3	4	4	4	2	76	xx
	Cox's Bazar	003	1	6	16	07	97	01	9	053	82	5	5	5	3	0	79	76
	Chittagong	045	7	7	13	10	96	02	6	048	33	7	8	5	0	0	77	77
	Maijdee Court	025	7	8	13	09	96	03	4	041	84	5	5	5	2	x	78	78
	Comilla	024	3	8	13	09	96	02	9	032	80	8	5	4	x	x	78	76
	Brahmanbaria	000	0	6	13	03	97	03	1	046	82	6	5	5	0	0	76	78
	Sylhet	052	0	6	09	05	97	02	2	050	83	3	5	5	3	2	77	75
	Srimangal																	
Dacca	Mymensingh	125	9	8	13	05	97	02	6	044	79	8	7	5	x	x	78	75
	Narayanganj	068	7	8	13	07	96	02	9	034	82	8	7	2	x	x	79	75
	Dacca (Tejgaon)	045	9	7	13	07	97	21	6	030	81	7	9	3	0	0	78	77
	Faridpur	050	3	7	20	10	96	02	2	024	84	5	4	5	1	0	78	77
Khulna	Barisal	080	9	6	13	05	97	02	6	031	86	6	7	6	7	0	79	78
	Khulna	000	0	6	00	00	96	02	2	020	85	6	5	6	0	0	78	80
	Satkhira	028	9	7	18	02	96	03	6	016	85	5	7	4	3	0	79	79
	Jessore	022	9	7	18	09	96	03	6	030	81	5	7	5	2	x	79	75
Rajshahi	Pabna	005	9	7	13	09	97	03	9	914	83	7	8	7	0	0	78	79
	Sirajganj	032	7	8	13	03	97	02	2	022	83	x	x	x	x	x	84	77
	Bogra	018	9	8	13	03	96	61	9	019	79	6	5	4	2	x	78	77
	Dinajpur	037	9	7	00	00	96	6	6	017	76	7	4	7	2	0	75	75
	Rangpur	090	8	8	09	25	96	63	6	033	75	8	0	6	7	x	75	75
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	015	91	0	0	9	0	0	69	73
	Sialkot	000	0	0	00	00	97	00	0	016	81	0	0	9	0	0	67	74
Rawalpindi	Jhelum	000	0	0	02	02	97	02	0	017	76	0	0	9	0	0	65	69
	Rawalpindi	000	0	0	02	02	98	02	0	026	75	0	0	9	0	0	61	68
	Campbellpur	000	0	0	00	00	98	00	0	018	76	0	0	9	0	0	63	68
Sargodha	Khushab	000	0	0	00	00	99	00	0	016	84	0	0	9	0	0	63	71
	Lyallpur	000	0	0	00	00	96	00	6	011	80	0	0	9	0	0	66	70
Multan	Montgomery	000	0	0	23	03	96	02	0	017	79	0	0	9	0	0	76	72
	Multan	000	0	0	00	00	98	02	0	014	80	0	0	9	0	0	68	76
	Laiah	000	0	0	06	02	97	00	0	013	79	0	0	9	0	0	65	68
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	026	80	0	0	9	0	0	71	72
	Bahawalpur	000	0	0	31	02	95	00	0	011	82	0	0	9	0	0	73	76
	Fort Abbas	000	0	0	20	02	98	00	0	035	84	0	0	9	0	0	71	78
Peshawar	Chakdara	000	0	0	23	06	97	00	0	023	72	0	0	9	0	0	57	64
	Peshawar	000	0	0	00	00	97	02	0	028	77	0	0	9	0	0	63	71
	Haripur	000	0	0	23	03	97	00	0	012	76	0	0	9	0	0	66	66
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	015	76	0	0	9	0	0	66	71
	D. I. Khan	000	0	0	00	00	98	00	0	013	80	0	0	9	0	0	65	74
Quetta	Sibi	000	2	0	00	00	94	05	4	029	79	0	0	9	0	0	68	75
Kalat	Nokkundi	000	0	0	27	05	xx	02	0	077	68	0	0	9	0	0	27	62
	Turbat	000	0	0	23	01	96	00	0	039	79	0	0	9	0	0	68	xx
	Jiwani	000	0	1	18	02	96	02	0	053	79	1	6	5	0	0	75	73
	Pasni	000	3	0	29	01	96	42	4	051	76	0	0	9	0	0	75	xx
Karachi Division	Ormara	000	0	6	00	00	96	03	1	048	81	6	1	5	0	0	80	79
	Las Bela	000	0	0	00	xx	98	00	0	026	79	0	0	9	0	0	72	76
	Karachi (Manora)	000	0	3	27	14	97	01	1	048	79	3	6	4	0	0	71	77
	Karachi (Air Port)	000	0	3	27	07	96	03	0	051	81	3	5	5	0	0	71	77
Hyderabad	Nagarparker	000	0	0	00	00	97	00	0	044	82	0	0	9	0	0	81	xx
	Umerkot	000	0	0	23	03	97	02	0	038	82	0	0	9	0	0	73	76
	Hyderabad	000	0	0	23	05	97	02	0	038	79	0	0	9	0	0	73	76
	Badin	000	0	0	23	02	97	00	0	052	80	0	0	9	0	0	77	78
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	022	77	0	3	9	0	0	71	72
	Nawabshah	000	0	0	18	05	97	02	0	041	78	0	0	9	0	0	72	73
	Sukkur	000	0	0	20	02	98	02	0	022	80	0	0	9	0	0	71	73
	Kashmore	000	0	0	00	00	99	00	0	005	83	0	0	9	0	0	73	74
	Jacobabad	000	0	0	13	03	97	02	0	026	81	0	0	9	0	0	75	78
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	09	98	00	0	456	58	0	0	9	0	0	47	52
Peshawar	Drosh *	000	0	1	00	00	98	03	0	457	46	1	1	7	0	0	50	66
	Cherat *	000	0	0	00	00	96	00	0	451	49	0	0	9	0	0	66	63
	Kakul *	000	0	0	29	09	98	00	0	456	60	0	0	9	0	0	47	52
	Landi Kotal *	000	0	0	00	00	98	00	0	437	73	0	0	9	0	0	55	62
	Parachinar *	000	0	0	00	00	98	00	1	461	61	0	0	9	0	0	46	57
D. I. Khan	Miranshah *	000	0	0	02	02	99	00	0	425	76	0	0	9	0	0	50	68
	Wana *	000	0	0	00	00	99	00	0	399	67	0	0	9	0	0	40	56
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	464	69	0	0	9	0	0	33	63
	Hindubagh *	000	0	0	25	05	97	00	0	439	63	0	0	9	0	0	40	25
	Loralai *	000	0	0	31	02	99	00	0	411	62	0	0	0	0	0	37	40
	Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	13	05	98	60	0	471	48	0	0	9	0	0	18	54
	Nushki *	000	0	0	09	05	98	02	0	529	70	0	0	9	0	0	41	65
	Dalbandin *	000	0	0	36	02	97	02	0	458	64	0	0	9	0	0	21	53
Kalat	Kalat *	000	0	0	18	03	98	00	0	474	56	0	0	9	0	0	14	38
	Panjgur *	000	0	0	05	03	98	02	0	457	60	0	0	9	0	0	18	53
Afghanistan	Kabul *													...				
	[illegible] *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature	Minimum Temperature	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		TxTx	TnTn				
1	2	37	38	39	40	41	42
Chittagong	Rangamati	—	—				—
	Cox's Bazar	— 2	+ 1	157.8	+47.5	172.8	140
	Chittagong	— 1	+ 3	120.8	+42.7	161.8	108
	Maijdee Court	— 1	+ 4	—	—	—	115
	Comilla	— 2	0	—	—	—	94
	Brahmanbaria	—	—	48.1	— 0.8	63.6	78
	Sylhet	—	—	95.3	—		—
	Srimangal	0					98
Dacca	Mymensingh	0	— 2	43.3	—20.2	39.7	91
	Narayanganj	— 2	— 3	55.3	+ 6.7	39.5	74
	Dacca (Tejgaon)	—		55.5	—	72.1	—
	Faridpur	— 1	0	44.8	— 2.3	72.5	71
Khulna	Barisal	+ 1	+ 1	59.0	+ 2.1	83.5	81
	Khulna	— 2	+ 4	40.1	— 8.9	53.7	60
	Satkhira	— 1	+ 3	—	—	—	65
	Jessore	—	—	42.9	— 1.4	53.9	68
Rajshahi	Pabna	—	—	33.1	—	37.5	80
	Sirajganj	— 2	0	—	—	—	64
	Bogra	— 3	0	—	—	—	69
	Dinajpur	— 1	— 1	33.5	—22.6	38.0	72
	Rangpur	— 7	— 1	42.6	—19.5	56.0	84
Kashmir	Jummu						
Lahore	Lahore (Jail Rd.)	+ 1	+ 8	35.5	+21.0	50.2	19
	Sialkot	+ 3	+ 6	28.1	+ 4.5	35.3	32
Rawalpindi	Jhelum	—	—	21.7	—	33.5	—
	Rawalpindi	+ 1	+ 6	36.6	+13.1	51.4	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	— 1	+ 2	7.1	— 3.1	11.1	15
	Lyallpur	+ 3	+ 3	10.9	+ 1.7	13.9	12
Multan	Montgomery	+ 1	+ 2	4.6	— 2.9	10.1	10
	Multan	+ 10	+ 6	5.5	+ 0.6	7.6	7
	Laiah	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	+ 1	+ 3	11.1	+ 6.3	12.6	6
	Bahawalpur	+ 5	+ 8	3.0	— 1.2	4.9	6
	Fort Abbas	—	—	3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	+ 1	+ 6	7.5	+ 3.1	16.6	11
	Haripur	—	—	25.5	—	36.5	—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	— 1	+ 6	5.1	— 0.4	7.4	9
Quetta	Sibi	—	—	3.5	—	5.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3		3.8	5
	Pasni	+ 1	—	2.0	+ 1.1	5.4	4
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	8
	Las Bela	—	—	0	—	0	8
	Karachi (Manora)	+ 3	0	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparker	—	—	25.7	—	26.9	—
	Umerkot	—	—	15.9	—	18.0	—
	Hyderabad	— 3	+ 2	12.0	+ 6.0	12.9	7
	Badin	+ 2	+ 6	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	6.4	—	8.3	—
	Sukkur	—	—	1.1	—	2.2	4
	Kashmore	—	—	1.7	—	1.7	—
	Jacobabad	— 2	+ 7	6.6	+ 4.3	8.8	4
Junagadh	Veraval						30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
HILL STATIONS							
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						3
Rawalpindi	Murree *	+ 2	0	46.4	+10.6	67.9	58
Peshawar	Drosh *	+ 4	+ 8	4.1	—	21.1	18
	Cherat *	—	—	14.5	+ 2.6	32.6	29
	Kakul *	—	—	31.3	—	34.6	—
	Landi Kotal *	—	—	4.0	—	19.7	—
	Parachinar *	— 16	+ 4	16.8	—	27.7	29
D. I. Khan	Miranshah *	—	—	3.1	—	7.7	13
	Wana *	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	+ 2	+ 4	5.1	+ 0.1	11.2	11
	Hindubagh *	—	—	0.7	—	5.8	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.6	34.7	18
	Quetta *	—					9
	Chaman *	— 4	0	0.7	+ 0.5	6.3	8
	Nushki *	—	—	1.1	—	3.8	—
	Dalbandin *	—	—	1.3	+ 1.0	2.7	4
Kalat	Kalat *	+ 3	— 3	1.2	0.0	12.9	7
	Panjgur *	— 4	— 7	2.0	—	5.0	8
Afghanistan	Kabul *						12
	[illegible] *						

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Muzaffari	13 143	59 100	2 18 09	99 0 20	x6 781	21 6 00	15 4 00	...	05 2 76	16 2 24
Mustansir	13 194	59 400	7 25 03	98 0 31	06 x77	54 x xx	...	...	...	...
Bantam	13 003	59 495	5 14 09	98 0 22	10 682	46 4 20	45 2 13	...	05 2 74	11 4 51
Safina-e-Jamhuriat	13 184	70 306	4 25 13	97 1 x1	49 x80	...	...	...	...	...
Mustansir	13 180	58 706	1 23 11	98 0 12	04 x79	54 x xx	...	...	...	...
Otgmirunioh	13 227	59 776	0 15 06	98 0 00	03 592	00 9 00	76 4 00	...	00 4 76	11 5 21
Safina-e-Jamhuriat	13 181	71 012	5 25 13	97 0 21	05 x82	...	...	...	...	...
Sitribrook	13 313	61 412	3 28 13	98 0 30	04 904	21 4 40	34 6 08	...	00 1 74	12 3 23
BAY OF BENGAL										
Baralga	12 102	94 102	6 25 12	98 0 22	05 6xx	42 5 64	84 0 00	...	...	...
Japlantu	13 174	85 100	7 20 14	97 0 31	04 985	33 4 51	...	...	...	...
Taralga	12 115	94 106	8 20 15	97 1 48	00 677	88 7 7x	84 4 00	...	...	...
Talaketvu	13 183	85 706	7 20 12	98 0 32	04 582	13 5 50	...	...	...	...
Talaketvu	13 192	86 812	6 20 13	97 0 12	0? 286	31 4 02	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_d$	1000 mb ($HHHTTTT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb ($HHHTTT$)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	000 265 252	...	...	142 180 160	...	305 112 058	432 020 320	575 555 598	748 665 748	959 805	233 035	414 14	654 235
Jiwani ...														
Karachi ...	00 00	001 255 225	035 255 218	...	142 218 138	...	311 135 992	439 060 990	585 540 990	757 662 992	968 790	246 005	429 118	673 230
Lahore ...	00 00	977 285 208	004 xxxxxx	...	140 248 165	...	313 152 092	441 060 990	587 560 990	758 698 995	961 935	...	...	...
Multan ...														
Peshawar ...	00 00	960 232 125	...	...	140 208 092	...	307 110 250	434 048 172	581 525 768	755 612 998	970 748	254 922	...	...
Quetta ...	00 00	827 438 582	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_d$									Max. Height Reached $PPPTTTT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 212 192	800 162 118	572 002 535	350 725 842	250 905 958	...	...		...	250 905 958	...	...
Jiwani ...													
Karachi ...	00 00	900 205 152		...	...	...	...	...	...	...	900 205 152	...	...
Lahore ...	00 00	900 275 192	800 220 150	...	...	...	...	...	...	...	800 220 150	...	...
Multan ...													
Peshawar ...	00 00	913 238 125	900 232 118	600 182 055	350 675 995	250 832 995	174 970 990	...	...	...	174 970 990	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	—	...	...

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

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

UPPRE WIND DATA*

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	12 15	13 20	16 22	...	...	...	...	...	...
Chaklala ...	...	32 01	22 02	27 02	30 04	28 12	30 30	30 30	30 42
Chhor ...	21 08	21 10	30 11	21 10	22 08	26 08	...	...	...
Chittagong ...	20 12	20 32	30 17	20 15	20 15	...	...	...	...
Cox's Bazar ...	20 13	...	...	...	...	...	...	...	...
Dacca ...	17 21	18 23	18 21	18 15	19 17	19 15	19 18	20 20	21 17
Dalbandin ...	...	...	16 01	21 03	30 05	36 05	23 05	23 10	27 11
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 11	21 12	19 07	24 05	30 14
Fort Sandeman ...	...	...	...	24 03	23 06	29 09	31 32	30 34	31 37
Jacobabad ...	16 03	21 04	21 06	24 07	23 07	31 09	33 13	35 11	34 10
Jessore ...	16 47	18 21	18 21	19 15	...	...	...	...	...
Jhelum ...	35 01	15 01	20 01	20 02	31 04	29 12	31 26	31 43	30 45
Jiwani ...	19 04	19 05	26 05	29 09	01 11	06 07	10 16	10 18	09 15
Karachi ...	25 15	26 11	24 09	26 03	24 03	21 07	07 15	09 14	07 11
Khanpur ...	26 07	26 08	26 08	25 07	24 10	22 11	30 07	34 08	32 08
Lahore ...	26 05	23 09	22 10	22 09	24 15	25 16	29 11	30 15	30 18
Multan ...	...	...	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 06	36 06	07 03	21 01	12 03	23 01
Peshawar ...	...	06 05	12 04	16 11	17 07	28 13	30 31	31 36	37 41
Quetta ...	...	...	...	...	30 04	30 07	14 04	33 06	31 35
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 03	20 08	22 04	...	...	...	...	...	...
Yarwa ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

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

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 17	...	...	...	...	...	...	...	...	...	—
Chaklala ...	...	20 01	30 04	29 04	29 04	30 01	28 27	29 38	30 41	...	-
Chhor ...	21 12	23 15	23 13	22 08	22 07	xx xx	02 09	14 05	19 04	...	...
Chittagong ...	18 19	18 22	40 22	17 18	19 18	19 18	...	...	—	...	...
Cox's Bazar ...	16 19	17 23	17 25	20 20	20 15	...	...	...	...	...	...
Dacca ...	14 22	16 20	16 23	17 34	17 27	17 25	18 35	18 38	18 40	...	...
Dalbandin ...	...	—	08 06	07 05	34 11	34 10	27 09	25 13	27 19	27 15	24 10
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 07	02 15	35 15	35 19	01 40	...	...
Fort Sandeman ...	...	...	...	25 02	28 01	34 02	29 13	29 19	29 20	...	...
Jacobabad ...	19 01	32 01	26 01	02 02	30 03	24 09	30 13	28 12	28 12	24 09	25 12
Jessore ...	19 27	19 27	19 24	19 29	19 29	18 22	...	...	...	...	...
Jhelum ...	07 01	34 02	33 04	33 08	27 09	28 13	29 31	30 38	30 47	...	...
Jiwani ...	23 05	28 05	31 02	31 03	32 05	03 12	11 08	12 10	13 14	14 16	25 08
Karachi ...	28 12	28 10	28 09	30 04	26 06	25 02	08 09	09 03	10 07	...	...
Khanpur ...	23 07	24 10	24 10	24 10	24 10	24 08	16 06	09 11	08 08	...	...
Lahore ...	27 02	27 03	27 01	29 04	30 08	28 06	30 20	...	...	...	...
Multan ...	23 09	24 14	23 13	22 14	21 09	23 05	29 19	29 28	30 25	32 27	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 13	33 14	03 13	22 08	26 02	27 04	27 08	28 20
Peshawar ...	...	03 02	32 02	33 04	31 11	29 18	24 17	27 15	28 19	...	...
Quetta ...	...	...	...	...	32 02	27 03	31 08	29 15	30 15	28 13	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 06	12 07	18 13	19 13	...	...	...	—	...	...	—
Yarwa ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	16 12	17 10	18 17	18 21	18 21	17 18	20 12	20 16	20 17	23 14	16 17	12 17	09 08	32 15	32 18	07 08	07 11	07 06
Karachi ...	26 16	24 15	36 15	29 10	34 04	33 07	18 18	10 12	07 09	11 07	20 07	32 18	34 17	28 06	29 07	29 06	36 08	09 10
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	MISDA	...	...	—	...	...	—	...	...	...	...	...	...	...	...	...	...	...

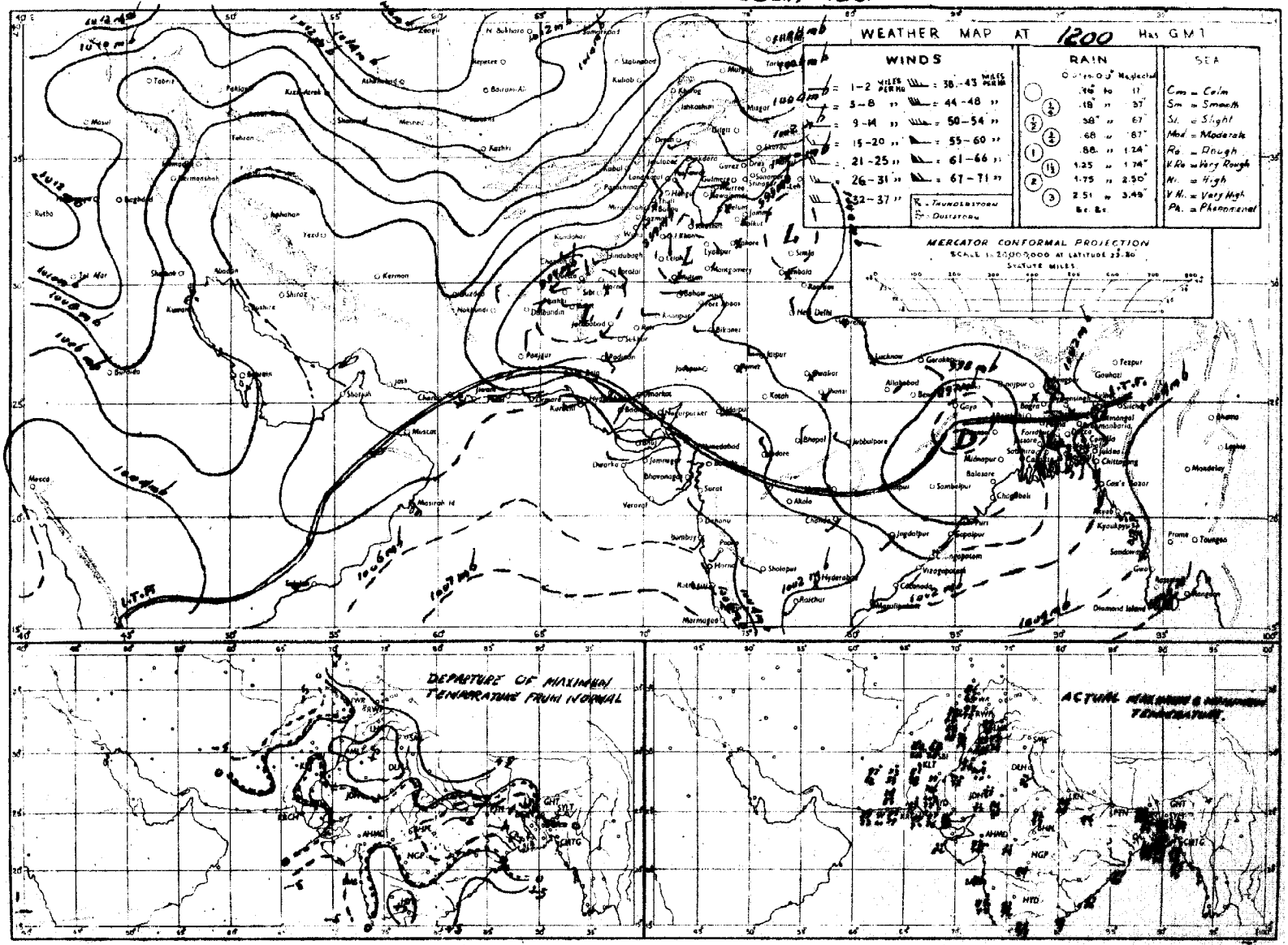
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

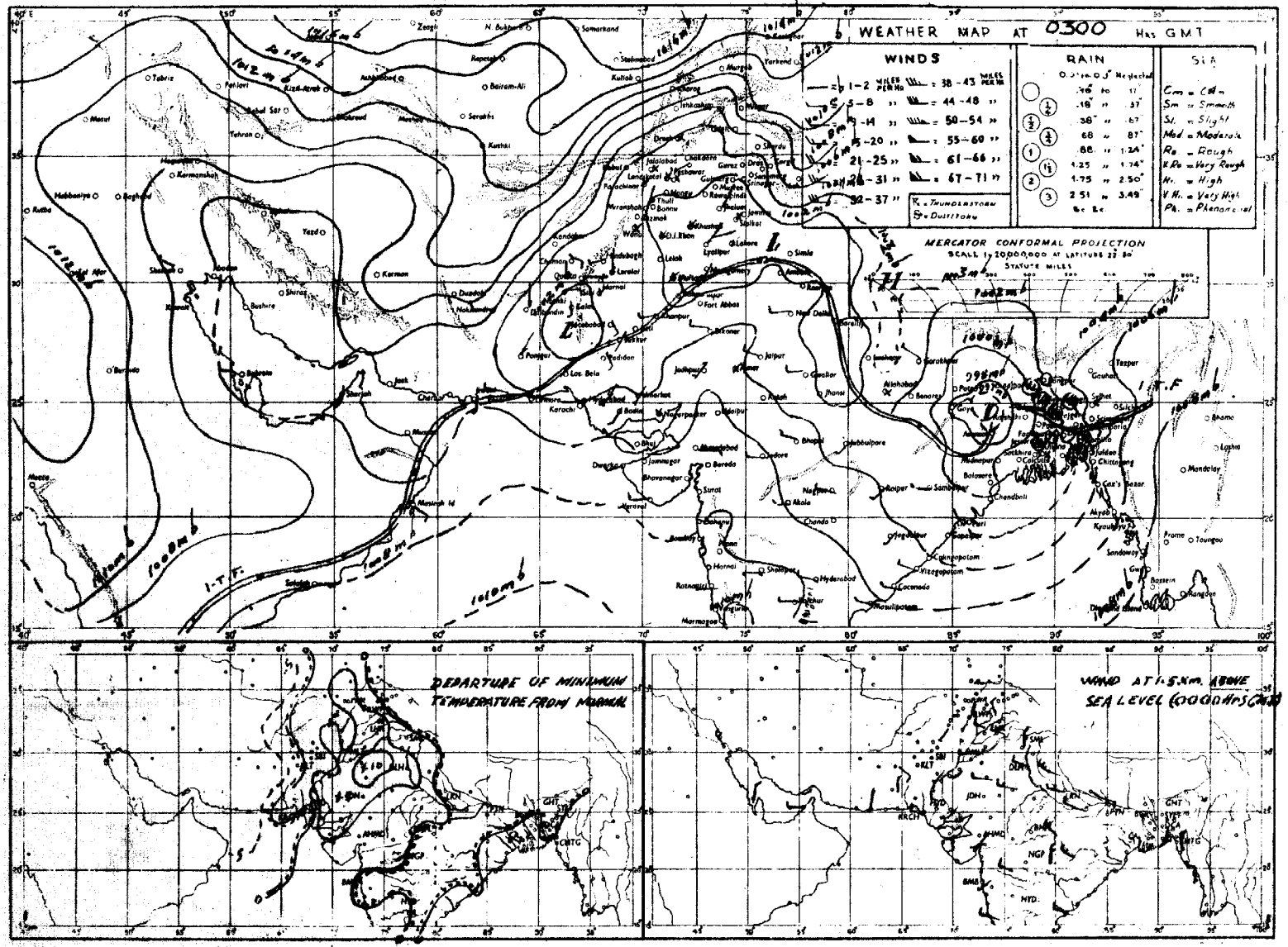
SUNDAY, 1st OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 2nd OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 3rd OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression weakened rapidly into a low over eastern Bihar last evening and is now moving away eastwards as a low pressure wave across the northern parts of East Pakistan.

Under its influence rain/thundershowers have been widespread in East Pakistan outside Chittagong division where they were local. Locally heavy rain has also fallen in Rajshahi division.

The low pressure wave over Rawalpindi and Sargodha divisions moved away. Another today lies over D. I. Khan and adjoining Quetta and Peshawar divisions.

Weathere has remained dry over West Pakistan.

Chief amounts of rainfall are:—Rangpur 8"; Dinajpur 3"; Bogra 2"; Sirajganj 1"; Maijdee Court and Narayanganj 3/4" each; Sylhet, Mymensingh, Dacca, Barisal and Jessore ½" each and Khulna and Pabna ¼" each.

Day temperatures were 4–10°F below normal in the northern parts of East Pakistan, 3–5 °F so in the eastern parts of Quetta division and 3–8 °F above normal in Peshawar and D. I. Khan divisions.

Forecastvaild until the evening of 4th October, 1961:—Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Rawalpindi and Peshawar divisions and in Kashmir. A few thunderstorms may also develop in Quetta and D. I. Khan divisions.

Karachi-11
The 3rd October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati	—																
	Cox's Bazar	0 0	0	2	18	09	96	02	0	023	82	2	4	5	0	0	79	86
	Chittagong	C00	0	2	18	13	95	01	1	021	83	1	0	8	1	1	76	87
	Maijdee Court	048	9	5	13	09	95	02	6	020	83	3	2	6	3	0	79	85
	Comilla	000	0	2	13	05	96	01	2	004	82	2	5	6	0	0	78	88
	Brahmanbaria	015	5	6	13	02	96	03	6	019	84	6	5	5	0	0	70	86
	Sylhet	027	2	7	00	00	98	91	9	025	76	5	4	4	2	0	74	85
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	035	4	8	13	02	96	02	6	018	77	8	7	4	x	x	75	85
	Narayanganj	086	9	8	13	01	94	03	9	010	81	4	4	2	2	x	78	87
	Dacca (Tejgaon)	063	6	8	13	09	97	17	9	006	78	5	8	4	2	x	75	87
	Faridpur	010	6	8	16	09	95	60	6	000	79	6	4	5	1	x	76	87
Khulna	Barisal	040	4	8	18	02	97	02	6	C07	83	8	7	6	0	0	79	88
	Khulna	021	6	7	00	00	86	01	6	999	79	7	5	5	0	0	79	87
	Satkhira	007	7	8	00	00	95	03	6	987	81	x	x	x	x	x	79	88
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	020	5	8	13	05	xx	03	6	990	82	8	7	6	x	x	79	88
	Sirajganj	092	4	8	00	00	96	02	9	999	79	8	7	4	0	0	78	88
	Bogra	145	4	8	09	02	95	95	9	999	78	6	3	4	2	x	78	84
	Dinajpur	20	9	8	00	00	95	61	6	007	77	8	7	5	x	x	77	78
	Rangpur	180	8	8	09	02	96	20	6	005	77	8	0	6	7	x	75	81
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	988	95	0	0	9	0	0	67	97
	Sialkot	000	0	0	00	00	97	00	0	984	93	0	0	9	0	0	68	95
Rawalpindi	~~Jhelum~~	000	0	0	00	00	97	02	0	979	92	0	0	9	0	0	67	96
	Rawalpindi	000	0	1	31	02	98	30	0	981	90	1	1	8	0	0	61	93
	Campbellpur	C00	0	0	C0	00	98	00	0	972	93	0	0	9	0	0	57	95
Sargodha	Khushab	000	0	0	00	00	99	00	0	977	97	0	0	9	0	0	63	98
	Lyallpur	000	0	0	20	00	96	00	0	978	96	0	0	9	0	0	66	97
Multan	Montgomery	000	0	0	C0	00	97	00	0	981	97	0	0	9	0	0	62	99
	Multan	000	0	0	00	00	98	02	0	978	96	0	0	9	0	0	61	01
	Leiah	000	0	2	33	01	97	00	0	957	00	0	0	9	0	0	59	04
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	982	96	0	0	9	0	0	61	98
	Bahawalpur	000	0	0	27	06	98	00	0	922	99	0	0	9	0	0	xx	01
	Fort Abbas	000	0	0	20	02	98	10	0	984	99	0	0	9	0	0	62	02
Peshawar	Chakdara	000	0	0	00	00	98	00	0	963	87	0	0	9	0	0	61	90
	Peshawar	000	0	1	02	03	97	01	0	975	90	1	1	6	0	0	57	94
	Haripur	...																
D. I. Khan	Bannu	000	0	0	05	02	99	00	0	967	94	0	0	9	0	0	82	94
	D. I. Khan	000	0	0	00	00	98	00	0	964	84	0	0	9	0	0	72	00
Quetta	Sibi	000	6	0	18	02	98	00	0	976	02	0	0	9	0	0	55	04
Kalat	Nokkundi	000	0	0	36	05	98	02	0	0 6	92	0	0	9	0	0	38	97
	Turbat	000	0	0	27	14	98	00	0	990	03	0	0	9	0	0	61	06
	~~Jiwani~~	000	0	0	20	12	97	02	0	036	65	0	0	9	0	0	72	89
	Pasni	000	6	0	20	16	97	95	4	012	86	0	0	9	0	0	77	90
Karachi Division	Ormara	000	0	1	27	07	96	03	1	014	86	1	1	5	0	0	81	88
	Las Bela	000	0	0	02	xx	98	00	0	999	98	0	0	9	0	0	86	01
	Karachi (Manora)	000	0	4	25	16	98	01	1	018	84	4	6	4	0	0	77	88
	Karachi (Air Port)	000	0	2	23	10	96	03	0	021	85	2	5	6	0	0	72	89
Hyderabad	Nagarparkar	000	0	0	25	02	97	00	0	992	80	0	0	9	0	0	75	92
	Umarkot	000	0	0	20	04	98	02	0	006	92	0	0	9	0	0	70	96
	Hyderabad	000	0	0	23	07	97	02	0	000	90	0	0	9	0	0	71	96
	Badin	000	0	0	23	02	97	00	0	026	92	0	0	9	0	0	79	96
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	990	99	0	0	9	0	0	58	01
	Nawabshah	000	0	0	18	06	97	02	0	002	96	0	0	9	0	0	63	01
	Sukkur	000	0	0	00	00	98	02	0	983	00	0	0	9	0	0	69	02
	Kashmore	000	0	0	00	00	99	00	0	065	95	0	0	9	0	0	70	94
	Jacobabad	000	0	0	13	03	97	03	0	988	97	0	0	9	0	0	81	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh *	000	0	1	23	07	99	01	0	399	85	1	2	7	0	0	35	93
	~~Cherat~~ *	000	0	0	00	00	98	00	1	414	81	0	0	9	0	0	68	94
	Kakul *	000	0	0	10	05	99	05	0	429	77	0	0	9	0	0	49	81
	Landi Kotal *	000	0	1	23	02	98	01	0	416	88	1	1	7	0	0	28	89
	Parachinar *	000	0	4	13	01	99	00	0	450	79	4	0	9	4	0	34	82
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	418	90	0	0	9	0	0	34	92
	Wana *	000	0	0	00	00	99	00	0	517	85	0	0	9	0	0	31	90
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	428	89	0	0	9	0	0	37	89
	Hindubagh *	000	0	0	25	17	95	02	0	411	81	0	0	9	0	0	34	83
	Loralai *	000	0	0	11	02	99	00	0	411	82	0	0	9	0	0	49	87
	Harnai *	000	0	0	00	01	96	00	0	xxx	xx	0	0	9	0	0	xx	x2
	Quetta *	000	0	0	00	00	96	00	0	486	81	0	0	9	0	0	56	83
	Chaman *	000	0	0	27	07	98	00	0	447	82	0	0	9	0	0	21	83
	Nushki *	000	0	0	00	00	96	02	0	499	86	0	0	9	0	0	65	89
	Dalbandin *	000	0	0	18	05	96	00	0	457	90	0	0	9	0	0	82	92
Kalat	Kalat *	000	0	0	29	05	98	00	0	430	76	0	0	9	0	0	55	79
	Panjgur *	000	0	0	31	03	98	02	0	460	87	0	0	9	0	0	xx	88
Afghanistan	Kabul *																	
	Kandahar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati																							
Cox's Bazar	C00	0	4	13	05	97	02	1	059	85	4	8	5	0	0	79	77	— 1	+ 2	157.8	+47.3	172.8	140
Chittagong	000	0	1	13	07	96	01	1	064	84	1	0	8	0	1	75	77	0	+ 1	120.8	+42.4	161.8	108
Maijdee Court	080	7	7	13	05	96	02	6	056	82	7	2	6	x	x	79	76	— 2	— 1	—	—	—	115
Comilla	000	0	3	13	09	97	02	1	066	75	3	5	7	0	0	76	77	— 1	+ 1	—	—	—	94
Brahmanbaria	015	0	5	13	05	97	03	1	063	84	4	4	5	0	8	75	76	—	—	48.2	— 1.0	63.8	78
Sylhet	063	9	6	00	00	96	03	6	064	83	2	4	6	7	1	78	75	—	—	96.0	—	—	—
Srimangal	001	0	0	00	00	95	00	0	xxx	85	0	0	9	0	0	77	74		— 2	—	—	—	98
Mymensingh	050	9	8	13	02	97	02	6	068	80	8	7	4	x	x	77	76	— 3	— 1	43.8	—20.2	68.2	91
Narayanganj	086	9	7	11	03	96	03	0	054	82	7	7	3	0	0	77	77	— 2	— 1	56.1	+ 7.1	60.3	74
Dacca (Tejgaon)	066	9	7	13	05	97	12	6	051	82	6	6	3	1	0	79	77	—	—	56.1	—	79.7	—
Faridpur	015	0	7	16	03	95	02	6	047	84	5	5	5	1	6	78	xx	— 1	+	45.0	— 2.7	72.6	71
Barisal	056	9	6	00	00	97	02	6	057	83	4	7	6	4	0	79	78	0	+ 1	59.5	+ 2.5	88.1	81
Khulna	021	0	7	13	03	97	01	2	049	80	7	5	6	0	0	78	78	— 1	+ 2	40.3	— 8.9	53.9	68
Satkhira	015	5	6	00	00	96	03	6	045	82	4	4	6	3	0	79	77	— 1	+ 1	—	—	—	65
Jessore	067	9	8	13	13	96	03	6	042	81	8	7	4	x	x	78	78		—	43.6	— 0.9	54.5	65
Pabna	028	9	3	13	05	98	01	9	045	85	[illegible]	8	7	0	0	80	78	—	—	33.4	—	37.8	59
Sirajganj	102	7	8	13	02	97	02	2	048	81	8	4	5	0	0	78	75	0	— 2	—	—	—	64
Bogra	181	2	8	13	02	96	60	6	051	79	5	7	4	2	x	78	77	— 5	0	—	—	—	59
Dinajpur	280	9	8	00	00	96	61	6	037	77	8	7	6	x	x	75	74	— 11	— 2	36.3	—20.2	40.8	72
Rangpur	805	9	8	05	05	96	65	8	072	74	6	0	6	7	x	74	73	— 8	— 3	50.6	—12.0	56.8	84
Jummu																							
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	036	91	0	0	9	0	0	67	74	— 1	+ 9	35.4	+21.0	50.2	19
Sialkot	000	0	0	C0	00	97	C0	0	041	81	0	0	9	0	0	65	72	3	+ 4	28.1	+ 4.5	35.3	32
~~Jhelum~~	C00	0	1	00	00	97	01	0	031	77	1	0	9	3	0	69	72	—	—	21.7	—	33.5	—
Rawalpindi	000	0	1	5	02	98	00	0	039	78	1	0	9	4	0	63	69	+ 1	+ 7	36.6	+13.1	51.4	36
Campbellpur	000	0	0	00	00	98	00	0	035	76	0	0	9	0	0	59	67	—	—	10.8	—	11.8	—
Khushab	000	0	0	09	02	99	00	0	030	78	0	0	9	0	0	78	70	0	+ 1	7.1	— 3.2	11.1	15
Lyallpur	000	0	0	00	00	96	00	0	032	80	0	0	9	0	0	64	69	+ 1	+ 2	10.9	+ 1.7	13.9	12
Montgomery	000	0	0	23	05	97	02	0	034	77	0	0	9	0	0	66	71	0	+ 1	4.6	— 2.9	10.1	10
Multan	000	0	0	18	03	98	02	0	012	79	0	0	9	0	0	70	75	+ 3	+ 5	5.5	+ 0.6	7.6	7
Leiah	000	0	0	30	02	97	00	0	927	77	0	0	9	0	0	66	66	—	—	9.3	—	10.6	8
Khanpur	000	0	0	23	05	96	02	0	034	78	0	0	9	0	0	72	72	— 1	+ 3	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	18	00	98	00	0	027	81	0	0	9	0	0	72	75	+ 4	+ 7	3.0	— 1.2	4.9	6
Fort Abbas	000	0	0	20	02	98	C0	0	042	82	0	0	9	0	0	70	75	—	—	3.1	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	045	69	0	0	9	0	0	59	64	—	—	12.2	—	25.3	—
Peshawar	000	0	0	00	00	98	02	0	038	86	0	0	9	0	0	61	69	+ 2	+ 4	7.5	+ 3.1	16.6	11
Haripur																							
Bannu	000	0	0	00	00	99	00	0	027	77	0	0	9	0	0	64	71	—	—	5.5	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	022	76	0	0	9	0	0	64	71	+ 3	+ 3	5.1	— 0.4	7.4	9
Sibi	C00	2	0	00	03	94	05	4	032	74	0	0	9	0	0	63	72	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	34	09	58	02	0	069	73	0	0	9	0	0	36	64	—	—	0.1	—	1.0	2
Turbat	000	0	0	27	00	95	06	0	040	61	0	0	9	0	0	60	xx	—	—	4.6	—	11.3	—
~~Jiwani~~	000	0	1	18	03	96	02	0	053	79	1	4	5	0	0	74	73	—	—	0.3	—	3.8	5
Pasni	000	3	0	25	02	96	42	4	052	78	0	0	9	0	0	76	xx	0	x	2.0	+ 1.1	3.4	4
Ormara	000	0	5	29	03	96	01	1	048	81	5	1	5	0	0	80	78	—	—	4.4	+ 3.6	9.9	6
Las Bela	000	0	0	00	xx	94	00	0	057	81	0	0	9	0	0	71	79	—	—	0	—	8	8
Karachi (Manora)	000	0	3	25	12	97	01	1	047	80	3	6	4	0	0	73	78	+ 1	+ 1	9.7	+ 3.7	9.8	8
Karachi (Air Port)	000	0	2	25	05	94	03	0	048	81	2	5	5	0	0	72	78	—	—	21.2	—	24.6	—
Nagarparkar	000	0	1	00	00	97	C0	0	029	82	0	1	8	0	0	81	xx	—	—	25.6	—	28.9	—
Umarkot	000	0	0	20	01	97	02	0	041	79	0	0	9	0	0	73	73	—	—	15.9	—	18.0	7
Hyderabad	000	0	0	23	07	97	02	0	036	79	0	0	5	0	0	70	75	— 4	+ 1	12.0	+ 6.0	12.9	9
Badin	000	0	0	23	02	97	00	0	055	78	0	0	9	0	0	74	75	0	+ 3	14.0	+ 6.8	14.8	
Pad-i-dan	000	0	0	13	03	97	02	0	022	76	0	0	9	0	0	68	70	—	—	9.6	—	44.8	—
Nawabshah	000	0	0	18	03	97	02	0	029	76	0	0	9	0	0	70	75	—	—	6.4	—	8.8	—
Sukkur	000	0	0	16	03	98	02	0	026	77	0	0	9	0	0	71	74	—	—	1.1	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	022	83	0	0	5	0	0	69	75	—	—	1.7	—	4.7	—
Jacobabad	000	0	0	09	05	97	02	0	031	79	0	0	9	0	0	75	76	— 2	+ 5	6.6	+ 4.3	8.8	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *																							46
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	0	00	00	98	00	0	467	59	0	0	9	0	0	50	53		+ 1	46.4	+10.5	67.8	59
Drosh *	000	0	1	00	00	99	03	0	459	65	1	2	7	0	0	41	64	+ 11	+ 6	4.1	—	21.1	18
~~Cherat~~ *	000	0	0	23	03	96	00	1	442	70	0	0	9	0	0	62	65	—	—	14.5	+ 2.5	32.6	29
Kakul *	000	9	1	03	02	98	01	1	464	67	1	2	7	0	0	50	62	—	—	34.3	—	34.6	—
Landi Kotal *	000	0	0	00	00	97	00	0	445	68	0	0	9	0	0	46	52	—	—	4.8	—	12.7	—
Parachinar *	000	0	0	00	00	99	C0	0	471	60	0	0	9	0	0	49	57	+ 5	+ 4	16.8	—	27.7	29
Miranshah *	000	0	0	00	00	99	00	0	483	73	0	0	9	0	0	50	70	—	—	3.1	—	7.7	13
Wana *	000	0	0	00	00	99	00	0	504	67	0	0	9	0	0	36	57	—	—	3.0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	98	02	0	467	66	0	0	9	0	0	34	64	+ 1	+ 2	3.1	+ 0.1	11.2	11
Hindubagh *	000	0	0	27	03	97	00	0	461	60	0	0	9	0	0	30	23	—	—	0.8	—	5.8	9
Loralai *	000	0	0	20	13	99	C0	0	481	42	0	0	9	0	0	34	39	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+12.6	34.7	14
Quetta *	000	0	0	00	00	97	C0	0	481	50	0	0	9	0	0	27	39	—	—	—	—	—	9
Chaman *	000	0	0	09	05	98	C0	0	462	70	0	0	9	0	0	18	55	— 5	+ 1	0.7	+ 0.5	6.2	8
Nushki *	000	0	0	00	00	98	C2	0	514	74	0	0	9	0	0	32	63	—	—	1.0	—	3.8	—
Dalbandin *	000	0	0	00	00	97	02	0	449	59	0	0	9	0	0	25	52	—	—	1.3	+ 1.0	2.7	4
Kalat *	000	0	0	27	05	98	00	0	451	59	0	0	9	0	0	27	38	0	— 4	1.2	— 0.8	18.8	7
Panjgur *	000	0	0	05	12	98	02	0	456	60	0	0	9	0	0	22	51	— 4	— 9	2.0	—	5.8	5
Kabul *																							
Kandahar *																							

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd OCTOBER, 1961.

WIRELASS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sC_hh_sh_s$	$OT_xT_xT_dT_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rangong	23 245	67 012	3 23 09	98 0 20	11 191	32 4 00	46 8 10	...	05 1 76	12 3 21
Saravia	23 261	56 912	9 00 09	98 0 20	02 588	36 6 10	36 4 10	...	05 2 75	10 9 20
Clarex	23 238	56 742	9 32 03	98 0 20	01 690	00 9 80	00 1 25	...	13 2 68	11 2 21
Eharmoung	54 912	3 25 15	97 0 12	06 782	11 3 xx	36 x xx	00 4 64	05 1 75	12 5 72	
Silver Brook	23 165	65 718	1 25 09	08 0 20	07 779	11 3 xx	34 1 05	...	05 1 75	12 5 23
Calex	23 220	99 748	0 30 02	98 0 20	02 630	00 8 00	00 2 24	...	13 0 68	11 2 21
BAY OF BENGAL										
Lalayaso	23 207	80 000	6 20 10	97 1 02	00 902	62 4 70	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	00 00	003 265 252	...	...	141 185 165	...	309 102 065	352 022 072	579 595 642	749 685 772	960 795	236 505	428 188	513 600
Dacca														
Tezpur														
Karachi	00 00	001 250 220	032 278 222	...	140 212 208	...	311 145 998	428 045 995	584 562 995	755 648 995	966 795	242 008	424 192	666 245
Lahore	00 00	978 272 218	813 xxxxxx	...	140 342 132	...	313 142 048	423 062 019	589 520 990	...	...	...	...	...
Multan														
Peshawar	00 00	962 218 112	...	...	140 245 052	...	313 172 535	407 092 608	590 012 172	767 559 999	998 655			
Quetta	00 00	827 132 515	...	...	...	...	343 175 572	428 105 585	593 040 990	769 565 995	990 685	278 725	480 775	860 830

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	00 00	900 215 820	800 152 132	580 002 575	...	...	...	...	...	...	580 002 575	...	...
Dacca													
Tezpur													
Karachi	00 00	917 215 185	900 278 222	800 185 992	...	...	...	...	...	...	800 185 992	...	...
Lahore	00 00	900 272 182	800 208 090	...	...	...	...	...	...	...	800 208 090	...	...
Multan													
Peshawar	00 00	925 265 132	900 262 132	800 232 018	350 600 990	220 765 995	...	...	...	...	220 765 995	...	...
Quetta	00 00	800 202 582	780 222 618	...	...	...	...	...	...	...	780 222 618	...	...

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

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

UPPRE WIND DATA*

Height in Kms. a.s.l.	At 0300 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	4.5	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17	18	19	20	21	22	23	24	25	26	27
Bogra																											
Chittagong	No	Ascent																									
Dacca																											
Tezpur																											
Karachi																											
Lahore																											
Multan																											
Peshawar																											
Quetta																											
Jacobabad																											
Jiwani																											
Panjim																											
Veraval																											
Karachi																											
Khanpur																											
Lahore																											
Multan																											
Peshawar																											
Quetta																											
Sibbi																											
Yargul																											

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

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

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.1	14.3	16.0	18.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	16 15	18 13	15 14	15 16	15 12	08 17	19 12	18 09	19 09	17 01	13 20	16 23	13 20	15 25	12 17			
Karachi	26 12	26 17	27 15	30 16	30 09	35 02	11 02	11 05	25 05	30 09	32 17	30 22	29 26	25 02	26 05	21 05	30 05	30 25
Peshawar	HHOA																	
Quetta																		

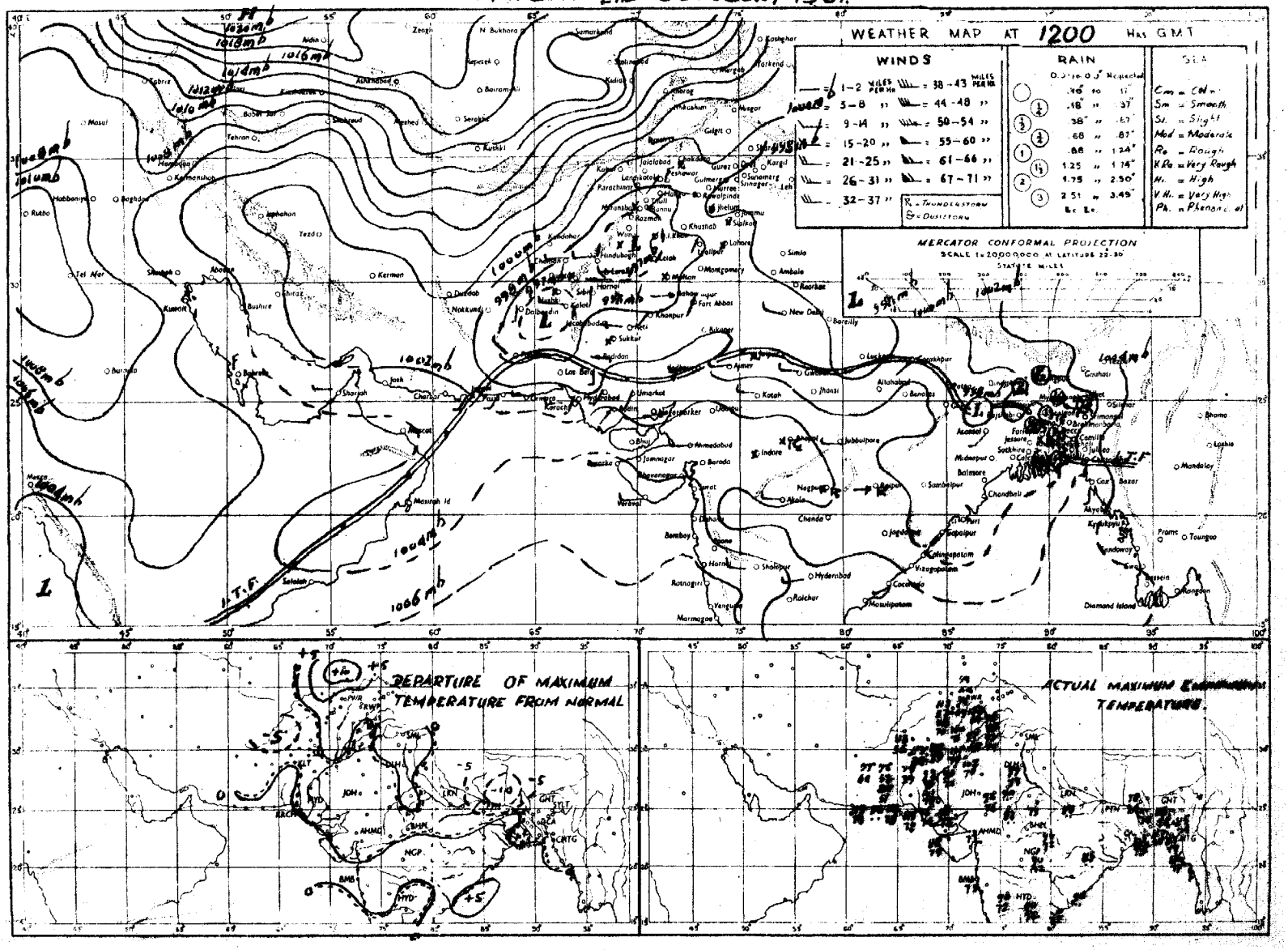
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the following figures for wind speed "ff" is omitted.

Cloud observation Data (GGIii C$_L$dd V$_s$V$_s$ etc.)

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

PAKISTAN DAILY WEATHER MAP

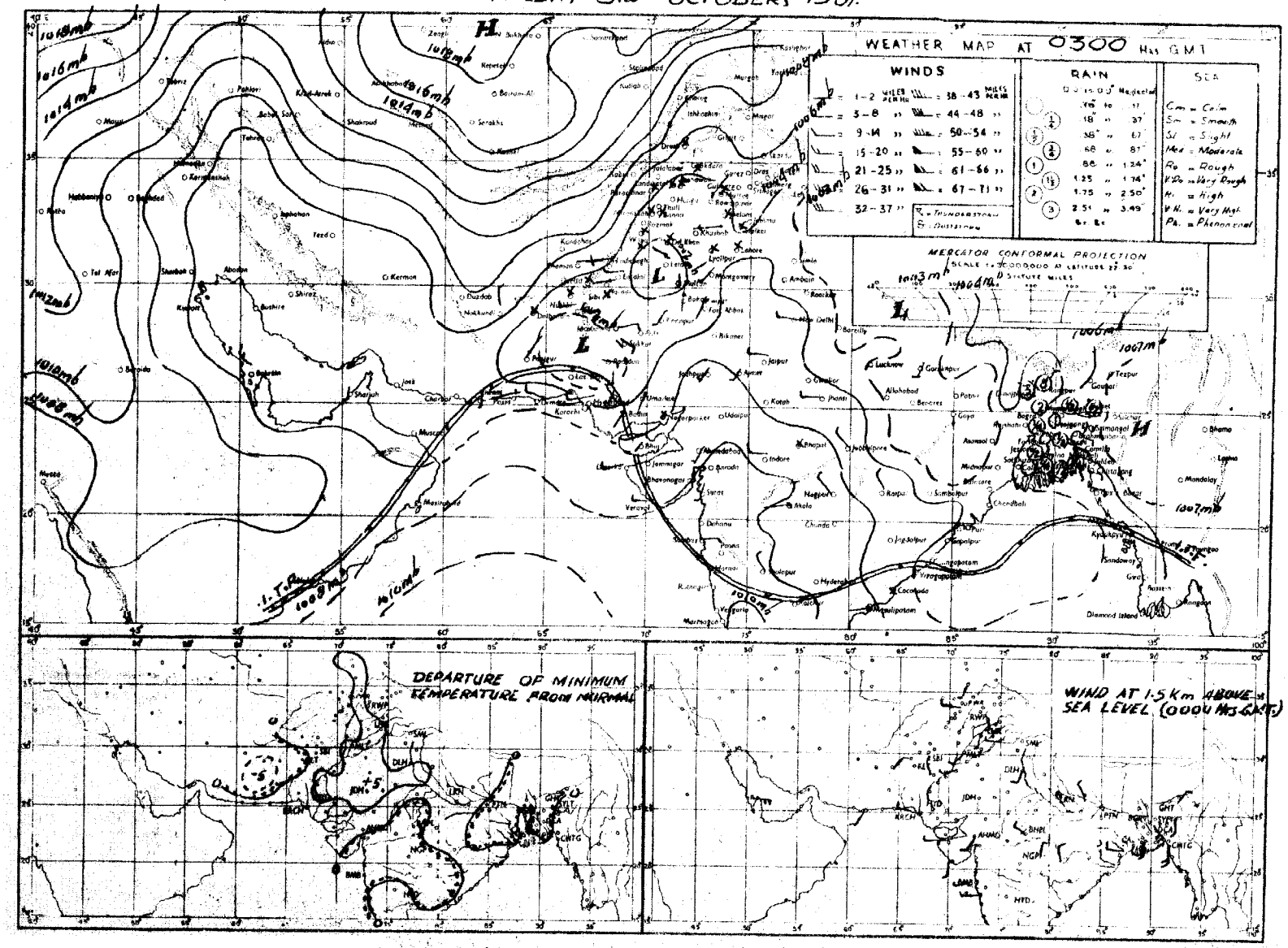
MONDAY 2nd OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 4th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave is now moving away Eastwards across Assam.

A well marked low lies off Orissa and Circars Coasts.

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

The low pressure wave over D. I. Khan and Quetta divisions now lies over Sargodha and Rawalpindi divisions and has caused scattered rain in Peshawar division.

Chief amounts of rainfall are:—Rangpur 3", Maijdee Court 1¾", Bogra 1", Rangamati, Narayanganj, Dinajpur and Parachinar ½" each, Brahmanbaria, Barisal, Pabna and Sirajganj ¼" each.

Day temperatures were 2–5 °F below normal in Rajshahi, Khulna, Quetta, Kalat, Khairpur and adjoining Hyderabad divisions.

Forecast valid until the evening of 5th October, 1961:- Rain/thundershowers will be local in East Pakistan and scttered in Rawalpindi division and in Kashmir.

Karachi-11
The 4th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati	000	0	9	27	02	xx	00	0	058	82	9	x	0	x	x	81	53
	Cox's Bazar	0'0	0	4	20	09	97	02	0	036	83	3	5	5	3	0	79	89
	Chittagong	000	0	3	25	03	96	02	1	042	84	1	2	7	1	4	77	89
	Maijdee Court	050	9	4	00	00	95	01	6	045	94	0	4	7	2	0	79	xx
	Comilla	000	0	0	18	02	96	02	0	031	86	0	0	9	0	0	79	9
	Brahmanbaria	000	0	4	00	00	96	03	1	036	86	4	4	5	0	0	79	90
	Sylhet	000	0	7	00	00	96	03	2	038	86	4	4	6	0	1	8	90
	Srimangal	000	0	0	00	00	95	00	0	xxx	80	0	0	0	0	0	75	85
Dacca	Mymensingh	000	0	2	00	00	97	01	1	047	76	0	0	9	0	4	74	86
	Narayanganj	064	7	3	00	00	94	03	9	039	81	1	5	4	3	1	77	65
	Dacca (Tezgaon)	005	9	4	00	00	97	02	9	036	81	2	9	6	3	1	77	85
	Faridpur	000	0	8	16	02	96	02	2	030	82	4	4	6	1	0	79	86
Khulna	Barisal	000	0	4	18	01	97	02	0	037	87	4	0	9	8	0	79	88
	Khulna	000	0	4	00	00	97	01	1	036	81	4	5	6	0	0	77	87
	Satkhira	000	0	8	00	00	95	03	1	030	84	6	4	4	3	x	78	89
	Jessore	000	0	6	09	03	96	02	2	009	85	4	4	5	6	0	81	69
Rajshahi	Pabna	015	6	8	13	05	xx	17	9	031	84	4	9	6	2	x	79	88
	Sirajganj	021	6	8	00	00	96	02	6	036	80	8	7	5	0	0	77	85
	Bogra	120	6	7	13	03	96	02	9	036	79	2	5	6	2	8	78	84
	Dinajpur	04	9	6	00	00	96	12	6	017	78	6	0	9	4	0	75	80
	Rangpur	290	8	7	11	02	96	01	8	043	75	7	5	6	0	0	74	76
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	024	96	0	0	9	0	0	65	98
	Sialkot	000	0	0	00	00	97	00	0	022	91	0	0	9	0	0	71	95
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	019	91	1	0	9	3	0	70	96
	Rawalpindi	000	0	1	00	00	98	00	0	015	90	1	1	8	0	0	66	94
	Campbellpur	000	0	0	00	00	98	00	0	022	96	0	0	9	0	0	64	96
Sargodha	Khushab	000	0	0	00	00	99	00	0	017	96	0	0	9	0	0	59	98
	Lyallpur	000	0	0	00	00	96	00	0	018	97	0	0	9	0	0	54	97
Multan	Montgomery	000	0	0	00	00	96	00	1	014	97	0	0	9	0	0	61	99
	Multan	000	0	0	18	02	98	02	0	018	96	0	0	9	0	0	42	99
	Leiah	000	0	0	18	04	97	00	0	000	96	0	0	9	0	0	39	01
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	008	97	0	0	9	0	0	57	99
	Bahawalpur	000	0	0	18	01	98	00	0	983	01	0	0	9	0	0	77	01
	Fort Abbas	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	63	01
Peshawar	Chakdara	000	0	0	09	01	98	00	0	025	80	0	0	9	0	0	68	91
	Peshawar	000	0	1	07	02	97	01	0	021	91	1	1	6	0	0	54	92
	Haripur	000	0	0	23	03	97	00	0	015	89	0	0	9	0	0	66	92
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	007	94	0	0	9	0	0	56	97
	D. I. Khan	000	0	0	00	00	98	00	0	996	96	0	0	9	0	0	70	98
Quetta	Sibi	000	6	0	13	03	98	00	0	006	01	0	0	9	0	0	53	03
Kalat	Nokkundi	000	0	0	34	05	98	02	0	021	90	0	0	9	0	0	22	92
	Turbat	000	0	0	27	02	98	00	0	993	04	0	0	9	0	0	55	06
	Jiwani	000	0	0	20	07	97	02	0	040	65	0	0	9	0	0	73	90
	Pasni	000	5	0	20	18	97	07	4	025	85	0	0	9	0	0	76	90
Karachi Division	Ormara	000	0	1	27	08	96	03	1	024	86	1	1	5	0	0	82	86
	Las Bela	000	0	0	04	xx	98	00	0	996	98	0	0	9	0	0	85	01
	Karachi (Manora)	000	0	4	25	12	98	01	1	031	85	4	6	4	0	0	76	87
	Karachi (Air Port)	000	0	3	23	07	96	01	1	039	85	3	5	6	0	0	71	88
Hyderabad	Nagarparker	000	0	0	00	00	97	00	0	015	89	0	0	9	0	0	68	92
	Umerkot	000	0	0	23	03	98	02	0	031	92	0	0	9	0	0	68	95
	Hyderabad	000	0	0	23	05	97	02	0	026	90	0	0	9	0	0	70	95
	Badin	000	0	0	23	02	97	00	0	046	92	0	0	9	0	0	70	96
Khairpur	Pad-i-dan	000	0	0	13	06	98	02	0	013	98	0	0	9	0	0	60	00
	Nawabshah	000	0	0	23	05	97	02	0	026	97	0	0	9	0	0	58	99
	Sukkur	000	0	0	05	02	98	02	0	011	97	0	0	9	0	0	71	02
	Kashmore	000	0	0	00	00	99	00	0	032	96	0	0	9	0	0	23	94
	Jacobabad	000	0	0	18	05	97	02	0	017	94	0	0	9	0	0	80	95
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	9	27	02	98	00	0	465	66	0	0	9	0	0	53	70
Peshawar	Drosh *	000	0	4	23	07	98	05	0	457	81	3	7	8	6	0	41	85
	Cherat *	000	0	0	00	00	98	00	0	454	80	0	0	9	0	0	69	83
	Kakul *	000	0	0	31	03	99	00	0	469	70	0	0	9	0	0	50	83
	Landi Kotal *	000	0	1	13	03	97	01	0	458	82	1	1	7	0	0	52	87
	Parachinar *	000	0	6	13	01	98	00	0	451	73	6	0	8	6	0	41	80
D. I. Khan	Miranshah *	000	0	0	12	02	99	00	0	446	88	0	0	9	0	0	58	90
	Wana *	000	0	0	13	03	99	00	0	517	81	0	0	9	0	0	42	86
Quetta	Fort Sandeman *	000	0	0	29	02	99	02	0	455	87	0	0	9	0	0	38	89
	Hindubagh *	000	0	0	09	07	xx	xx	x	429	80	0	0	9	0	0	37	84
	Loralai *	000	0	0	13	02	99	00	0	418	61	0	0	0	0	0	50	86
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	448	79	0	0	9	0	0	54	91
	Chaman *	000	0	0	27	05	98	00	0	453	83	0	0	9	0	0	29	84
	Nushki *	000	0	0	18	05	98	02	0	515	85	0	0	9	0	8	37	87
	Dalbandin *	000	0	0	09	05	97	02	0	471	90	0	0	9	0	0	54	91
Kalat	Kalat *	000	0	0	31	05	98	00	0	449	75	0	0	9	0	0	52	79
	Panjgur *	000	0	0	31	03	98	02	0	472	87	0	0	9	0	0	20	88
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	014	3	7	18	02	97	01	6	096	84	4	8	5	7	4	77	79
	Cox's Bazar	004	9	8	13	02	97	02	6	074	81	5	5	5	2	x	80	78
	Chittagong	010	9	8	00	00	96	03	9	081	83	1	2	7	2	x	77	78
	Maijdee Court	173	4	7	00	00	96	02	6	082	79	4	2	5	2	x	77	75
	Comilla	000	0	4	13	05	97	02	1	068	86	4	5	5	0	0	79	79
	Brahmanbaria	020	0	5	36	02	97	03	1	084	86	5	4	5	0	0	78	79
	Sylhet	000	0	5	19	05	96	03	1	075	85	5	4	5	0	0	79	75
	Srimangal	000	0	2	32	03	96	00	0	xxx	87	0	0	5	5	0	78	76
Dacca	Mymensingh	000	0	0	00	00	97	00	0	084	85	0	0	9	0	0	75	76
	Narayanganj	064	9	7	00	00	96	03	2	083	84	3	4	4	3	8	78	77
	Dacca (Tezgaon)	005	9	6	00	00	97	01	9	079	84	1	2	6	2	0	77	78
	Faridpur	000	0	6	16	02	97	02	2	079	85	4	5	6	1	0	79	77
Khulna	Barisal	035	4	6	00	00	97	02	6	069	81	6	6	6	6	6	80	79
	Khulna	000	0	4	00	00	96	01	1	080	84	4	5	6	0	0	76	78
	Satkhira	007	0	6	00	00	96	03	2	076	85	4	4	6	3	0	79	78
	Jessore	004	9	6	00	00	96	02	6	073	82	5	5	5	6	0	79	77
Rajshahi	Pabna	020	9	3	13	05	98	03	9	079	85	3	1	7	0	0	78	79
	Sirajganj	021	x	0	00	0	98	00	0	078	88	0	0	9	0	0	78	76
	Bogra	120	9	0	09	02	96	02	9	078	86	0	0	9	0	0	78	76
	Dinajpur	040	0	0	00	00	96	00	0	063	85	0	0	9	0	0	73	74
	Rangpur	293	9	1	05	02	96	01	5	088	81	1	0	9	1	0	78	72
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	083	90	0	0	9	0	0	64	71
	Sialkot	000	0	0	00	00	97	00	0	082	83	0	0	9	0	0	69	72
Rawalpindi	Jhelum	000	0	0	13	02	96	02	0	078	79	0	0	9	0	0	67	70
	Rawalpindi	000	0	0	00	00	98	0	0	086	73	0	0	9	0	0	64	68
	Campbellpur	000	0	0	00	00	98	00	0	081	74	0	0	9	0	0	64	67
Sargodha	Khushab	000	0	0	00	00	99	00	0	084	83	0	0	9	0	0	64	70
	Lyallpur	000	0	0	00	00	93	41	4	065	78	0	0	9	0	0	67	70
Multan	Montgomery	000	0	0	00	00	97	02	0	092	80	0	0	9	0	0	64	70
	Multan	000	0	0	00	00	98	02	0	080	77	0	0	9	0	0	63	72
	Leiah	000	0	0	18	05	97	00	0	972	78	0	0	9	0	0	62	68
Bahawalpur	Khanpur	000	0	0	20	03	96	02	0	090	77	0	0	9	0	0	71	72
	Bahawalpur	000	0	0	18	01	98	00	0	078	81	0	0	9	0	0	72	70
	Fort Abbas	000	0	0	02	02	98	00	0	096	82	0	0	9	0	0	68	79
Peshawar	Chakdara	000	0	0	00	00	97	00	0	077	72	0	0	9	0	0	55	66
	Peshawar	000	0	0	00	00	97	02	0	073	77	0	0	9	0	0	60	69
	Haripur	000	0	0	23	02	97	00	0	072	77	0	0	9	0	0	65	67
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	074	xx	0	0	9	0	0	63	72
	D. I. Khan	000	0	0	00	00	98	00	0	024	78	0	0	9	0	0	66	69
Quetta	Sibi	000	0	0	00	00	94	05	4	081	79	0	0	9	0	0	64	78
Kalat	Nokkundi	000	0	0	34	03	58	02	0	102	47	0	0	9	0	0	29	63
	Turbat	000	0	0	27	01	95	06	0	074	79	0	0	9	0	0	75	xx
	Jiwani	000	0	2	16	03	96	02	0	077	79	2	6	5	0	0	74	73
	Pasni	000	2	4	29	01	96	42	1	082	78	0	0	9	0	4	75	xx
Karachi Division	Ormara	000	0	5	00	00	96	06	1	078	81	5	1	5	0	0	80	77
	Las Bela	000	0	5	00	xx	97	00	3	098	80	3	0	7	5	5	74	77
	Karachi (Manora)	000	0	3	27	10	98	01	1	084	79	3	6	4	0	0	73	77
	Karachi (Air Port)	000	0	1	00	00	96	03	0	085	80	1	5	6	2	0	73	69
Hyderabad	Nagarparker	000	0	0	34	01	97	00	0	009	81	0	0	9	0	0	79	xx
	Umerkot	000	0	0	20	01	97	02	0	085	78	0	0	9	0	0	74	72
	Hyderabad	000	0	0	23	05	97	02	0	078	77	0	0	9	0	0	73	75
	Badin	000	0	0	00	00	97	00	0	105	77	0	0	9	0	0	74	75
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	078	75	0	0	9	0	0	71	71
	Nawabshah	000	0	0	18	05	97	02	0	081	76	0	0	9	0	0	71	71
	Sukkur	000	0	0	16	02	97	02	0	074	80	0	0	9	0	0	79	76
	Kashmore	000	0	0	00	00	99	00	0	072	83	0	0	9	0	0	76	73
	Jacobabad	000	0	0	00	00	96	02	0	078	81	0	0	9	0	0	75	76
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	34	05	97	00	0	500	59	0	0	9	0	0	46	54
Peshawar	Drosh *	000	0	0	00	00	98	02	0	511	64	0	0	9	0	0	43	63
	Cherat *	000	0	0	05	05	98	00	0	471	69	0	0	9	0	0	63	64
	Kakul *	000	0	0	34	02	98	00	0	496	69	0	0	8	0	0	49	63
	Landi Kotal *	000	0	0	00	00	97	00	0	477	69	0	0	9	0	0	49	60
	Parachinar *	052	0	0	00	00	99	00	1	501	63	0	0	9	0	0	44	57
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	492	75	0	0	9	0	0	53	66
	Wana *	000	0	0	00	00	99	00	0	505	65	0	0	9	0	0	42	57
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	511	68	0	0	9	0	0	49	64
	Hindubagh *	000	0	0	27	02	57	00	0	475	57	0	0	9	0	0	31	54
	Loralai *	000	0	0	31	02	99	00	0	311	60	0	0	0	0	0	43	39
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	000	0	0	00	00	57	00	0	492	54	0	0	9	0	0	27	39
	Chaman *	000	0	8	09	05	58	00	0	476	66	0	0	9	0	0	17	54
	Nushki *	000	0	0	09	12	98	02	0	521	72	0	0	9	0	0	28	64
	Dalbandin *	000	0	0	13	03	56	02	0	485	62	0	0	9	0	0	xx	52
Kalat	Kalat *	000	0	0	18	03	98	00	0	481	56	0	0	9	0	0	27	38
	Panjgur *	000	0	0	06	02	98	02	0	475	60	0	0	8	0	0	15	54
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+ 1	+ 3	157.8	+47.0	172.8	140
	Chittagong	+ 2	+ 2	120.9	+44.2	161.9	108
	Maijdee Court	—	— 2	—	—	—	115
	Comilla	+ 1	+ 3	—	—	—	94
	Brahmanbaria	—	—	48.4	— 1.2	63.9	78
	Sylhet	—	—	96.0	—	—	—
	Srimangal	—	0	—	—	—	98
Dacca	Mymensingh	— 2	— 1	43.8	—20.4	40.2	91
	Narayanganj	— 4	— 1	56.8	+ 7.5	61.0	74
	Dacca (Tezgaon)	—	—	56.2	—	79.8	—
	Faridpur	— 2	0	45.0	— 2.6	72.6	71
Khulna	Barisal	0	+ 2	59.9	+ 2.6	84.4	81
	Khulna	— 1	+ 2	40.3	— 9.1	53.9	68
	Satkhira	0	+ 2	—	—	—	65
	Jessore	—	—	43.6	— 1.0	54.6	65
Rajshahi	Pabna	—	—	33.6	—	38.0	55
	Sirajganj	— 3	— 1	—	—	—	64
	Bogra	—	— 1	—	—	—	69
	Dinajpur	+ 1	— 2	36.7	—20.0	51.2	72
	Rangpur	— 13	— 4	53.6	—9.4	59.7	84
Kashmir	Jummu						
Lahore	Lahore (Jail Rd.)	0	+ 6	35.5	+21.0	51.0	19
	Sialkot	0	+ 4	28.1	+ 4.5	35.3	32
Rawalpindi	Jhelum	—	—	21.7	—	33.5	—
	Rawalpindi	+ 2	+ 6	36.6	+13.0	51.4	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	0	+ 1	7.1	— 3.2	11.1	15
	Lyallpur	+ 1	+ 3	10.9	+ 1.7	13.9	12
Multan	Montgomery	0	0	4.6	— 2.9	10.1	10
	Multan	+ 1	+ 2	5.5	+ 0.6	7.6	7
	Leiah	—		9.3	—	10.6	8
Bahawalpur	Khanpur	0	+ 3	11.1	+ 6.3	12.6	6
	Bahawalpur	+ 4	+ 2	3.0	— 1.2	4.9	6
	Fort Abbas	—		3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	0	+ 4	7.5	+ 3.1	16.6	11
	Haripur	—	—				—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	+ 1	+ 1	5.1	— 0.4	7.4	9
Quetta	Sibi	—	—	3.5	—	5.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	0	—	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	6
	Las Bela	—	—	0	—	0	8
	Karachi (Manora)	0	0	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparker	—	—	25.6	—	26.9	—
	Umerkot	—	—	15.9	—	18.0	—
	Hyderabad	— 5	+ 1	12.0	+ 6.0	12.9	7
	Badin	0	+ 3	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	6.4	—	8.3	—
	Sukkur	—	—	1.1	—	2.2	4
	Kashmore	—	—	1.7	—	1.7	—
	Jacobabad	— 6	+ 5	6.6	+ 4.3	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	+ 1	+ 2	46.4	+10.5	67.0	59
Peshawar	Drosh *	+ 3	+ 5	4.1	—	21.1	18
	Cherat *	—	—	14.5	+ 2.5	32.6	29
	Kakul *	—	—	31.3	—	34.6	—
	Landi Kotal *	—	—	4.0	—	12.7	—
	Parachinar *	+ 3	+ 4	17.6	—	28.2	29
D. I. Khan	Miranshah *	—	—	8.1	—	7.7	13
	Wana *	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	— 1	+ 5	5.1	+ 0.1	11.2	11
	Hindubagh *	—	—	0.7	—	5.6	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.6	34.7	14
	Quetta *	—	—	—	—	—	9
	Chaman *	— 4	0	0.7	+ 0.5	6.3	8
	Nushki *	—	—	1.1	—	[illegible]	—
	Dalbandin *	—	—	1.3	+ 1.0	2.7	4
Kalat	Kalat *	0	— 5	1.2	— 0.0	12.9	7
	Panjgur *	— 4	— 6	2.0	—	5.0	8
Afghanistan	Kabul *						12
	Kandhar *						

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_wT_wT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cragmoor	33 112	52 490	2 22 10	98 0 21	06 677	21 4 00	73 6 03	...	0x 1 77	12 0 22
Mehdi	33 199	70 206	4 32 09	99 0 11	08 x86	74 x xx	...	...	...	...
Srfathaden	35 156	73 406	2 99 03	99 0 21	09 483	21 4 00	76 1 09	...	00 3 76	10 0 xx
Serenia	33 322	60 306	0 23 13	98 0 20	06 678	00 9 00	36 2 28	...	05 1 73	12 0 72
Bharat Kesria	33 112	62 906	4 27 05	99 0 20	08 788	21 5 00	...	...	...	...
Almaca	33 245	60 506	2 25 04	98 0 20	04 283	21 4 00	...	...	05 2 76	12 4 x0
Cheveney	33 221	59 612	0 19 15	96 0 20	06 779	00 9 00	86 5 07	...	00 2 74	11 9 22
Bharat Kesri	33 221	62 212	1 27 05	99 0 00	06 888	11 5 00	...	...	...	...
Mehdi	33 238	69 612	3 32 09	99 0 11	08 x84	74 x xx	...	...	...	...
Serenia	33 210	61 512	3 21 09	98 0 20	05 381	31 5 00	36 6 03	...	05 1 72	12 0 22
Mozaffari	33 776	66 118	3 26 06	99 0 10	08 681	31 3 00	16 1 22	...	...	12 6 20
Mehdi	23 217	68 918	4 32 09	99 0 11	10 x82	74 x xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	006 255 242	...	...	145 175 128	-	311 062 035	435 502 542	579 575 608	750 675 998	958 89x	...	...	...
Jiwani ...														
Karachi ...	00 00	004 245 222	060 273 222	...	142 198 998	...	311 122 998	438 035 998	583 568 992	754 665 995	964 805	241 990	425 122	668 235
Lahore ...	00 00	980 265 188	056 xxxxxx	...	147 225 122	...	317 198 092	445 132 995	598 018 992	775 560 990	...	...	...	...
Multan ...														
Peshawar ...	00 00	964 235 112	...	...	144 268 125	...	316 202 058	447 122 582	596 025 752	774 565 998	994 608	291 790	...	...
Quetta ...	00 00	831 155 502	...	...	...	...	315 130 990	444 090 990	593 505 995	770 565 992	990 635	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 202 195	800 092 055	...	...	...	...	...		...	800 092 055	...	...
Jiwani ...													
Karachi ...	00 00	900 182 152		...	...	...	...	...	...	...	900 182 152	...	...
Lahore ...	00 00	900 235 142	800 215 118	...	...	...	...	...	...	...	800 215 118	...	...
Multan ...													
Peshawar ...	00 00	927 275 142	900 272 135	800 255 112	780 252 105	350 618 992	250 730 990	138 800 990	010 000 900	...	010 000 903	...	...
Quetta ...	00 00	800 172 645	752 152 682	...	...	...	-	...	...	...	752 152 682	...	...

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

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

UPPRE WIND DATA*

Height in Kms. a.s—l	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	12 17	13 17	14 14	16 13	16 19	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	21 08	23 08	23 08	22 09	23 06	30 06	...	...	...
Chittagong ...	24 08	22 03	12 04	24 08	12 12	11 08	19 07	09 09	12 08
Cox's Bazar ...	19 14	19 10	13 09	13 11	13 11	11 09	...	...	...
Dacca ...	16 05	16 11	15 10	14 11	15 11	16 14	14 17	17 15	19 08
Dalbandin ...	...	...	14 02	09 03	34 07	30 08	28 10	27 12	26 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 10	27 08	18 09	28 03	23 05
Fort Sandeman ...	...	...	...	27 07	28 05	18 06	27 18	29 21	28 31
Jacobabad ...	15 05	11 05	11 04	14 04	19 05	24 07	28 15	30 15	29 17
Jessore ...	12 37	13 12	13 13	14 09	15 07	15 12	...	...	...
Jhelum ...	24 02	27 04	29 04	34 06	34 04	29 07	28 19	26 26	26 29
Jiwani ...	22 06	23 03	25 03	29 05	36 08	02 09	17 03	23 02	22 06
Karachi ...	23 17	26 13	24 09	26 05	22 04	34 04	10 01	24 01	30 01
Khanpur ...	22 10	22 11	21 11	21 10	19 07	17 06	18 10	25 08	33 14
Lahore ...	30 03	28 05	27 06	25 04	32 01	35 04	34 08	31 05	29 13
Multan ...	21 12	20 12	20 11	15 10	14 02	23 04	28 13	28 13	29 14
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 09	34 10	31 12	32 12	27 08	28 11
Peshawar ...	...	02 04	04 03	08 04	13 05	19 15	27 10	30 20	29 22
Quetta ...	...	...	...	...	29 06	21 04	27 02	28 13	29 23
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	33 04	34 03	06 01	12 05	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s—l	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	11 07	12 05	13 07	10 11	11 13	12 12
Chaklala ...	...	07 08	01 04	31 08	33 10	29 12
Chhor ...	23 07	21 15	20 14	20 06	23 04	31 03
Chittagong ...	06 01	05 02	06 04	08 05	12 04	12 12
Cox's Bazar ...	12 01	x1 02	11 05	09 08	...	...
Dacca ...	11 01	11 05	11 07	11 06	09 08	09 10
Dalbandin ...	...	...	08 09	07 11	05 05	35 18
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 04	22 04	21 07
Fort Sandeman ...	...	...	...	18 02	21 03	08 03
Jacobabad ...	20 09	18 08	17 03	12 05	09 08	04 08
Jessore ...	11 03	12 06	13 10	13 12	11 11	...
Jhelum ...	06 03	33 02	32 09	31 09	32 11	35 15
Jiwani ...	25 08	29 06	29 06	34 04	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...
Lahore ...	28 09	27 09	27 08	29 07	30 05	32 06
Multan ...	15 07	xx xx	18 04	22 06	08 06	05 08
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 20	38 17	25 17
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	27 01	29 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	11 06	10 04	10 09	08 11	09 13	11 15
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s—l	At 0600 hrs. G.M.T. † of date* (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	06 01	08 04	...	...	...	...	...	...	...	...	...
Chaklala ...	...	13 01	20 03	30 04	32 04	29 09	30 13	27 13	25 21	26 41	...
Chhor ...	22 08	22 13	21 17	20 16	19 15	21 10	...	...	...	...	...
Chittagong ...	23 05	12 04	12 01	12 05	13 09	11 13	12 21	12 32	12 33	11 32	13 37
Cox's Bazar ...	01 03	06 04	10 07	...	...	...	...	...	...	...	...
Dacca ...	30 03	01 04	01 05	06 05	08 03	07 13	12 12	12 17	12 15	11 17	12 25
Dalbandin ...	...	...	06 08	04 09	35 03	35 22	32 04	17 04	25 14	26 19	25 35
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 03	05 05	33 03	35 06	19 03	20 11	17 09
Fort Sandeman ...	...	...	...	32 03	09 01	13 05	26 14	28 21	...	...	...
Jacobabad ...	18 03	21 05	17 03	12 07	10 13	26 03	29 07	27 13	27 19	27 14	...
Jessore ...	11 07	10 08	13 09	...	...	...	...	...	...	...	...
Jhelum ...	15 03	22 02	24 04	29 04	32 04	30 06	27 20	24 31	25 23	...	...
Jiwani ...	17 04	15 04	02 04	...	...	...	...	...	...	...	...
Karachi ...	23 06	27 06	23 06	01 01	...	...	...	...	...	...	...
Khanpur ...	20 19	21 20	21 21	19 15	18 13	14 13	36 14	06 10	13 06	...	...
Lahore ...	31 06	30 07	29 07	27 06	03 07	04 04	26 04	28 12	26 13	34 15	...
Multan ...	20 06	15 09	14 09	xx xx	13 06	08 10	31 04	29 08	27 10	26 15	24 32
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	08 08	04 13	03 13	33 07	29 06	25 10	29 11	27 19
Peshawar ...	...	09 03	36 05	34 01	14 02	24 08	26 10	26 16	25 12	...	...
Quetta ...	...	...	...	...	23 03	xx xx	20 10	28 09	30 10	29 23	36 34
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 03	08 07	09 13	10 15	11 13	09 09	14 10	14 11	14 10	13 13	14 25
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	12 04	08 04	11 08	10 09	09 18	08 09	09 12	09 15	09 12	13 18	10 09							
Karachi ...	23 10	27 10	29 08	29 05	31 06	08 18	24 02	24 02	17 06	28 07	25 14	27 16	25 15	27 11	24 12	24 13	24 19	16 14
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

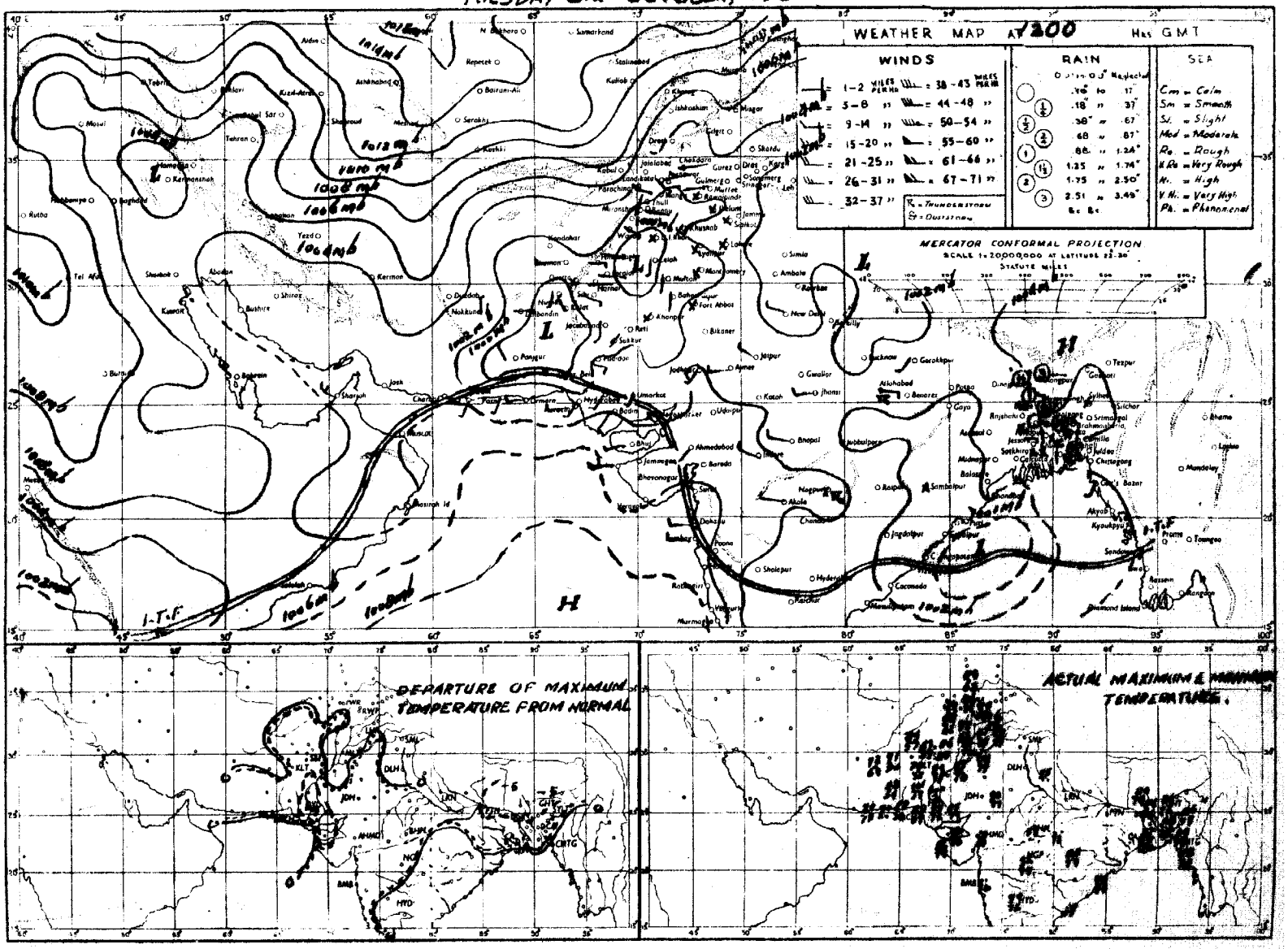
Cloud observation Data (GGiii Cdd VrVr etc.)

11 917 31 503

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

PAKISTAN DAILY WEATHER MAP

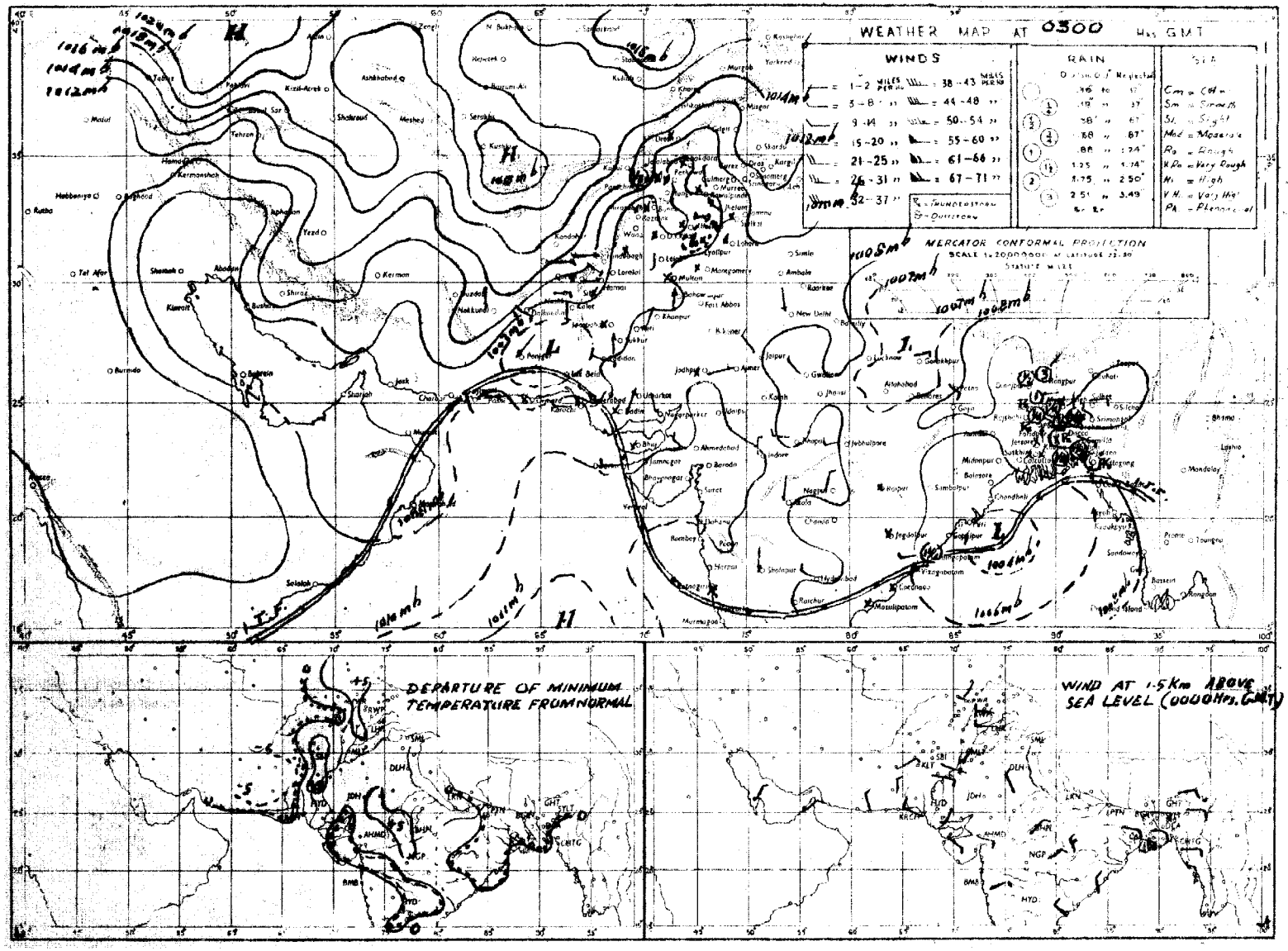
TUESDAY 3rd OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 5th OCTOBER, 1961.

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

Yesterday's low pressure wave over Assam move away Eastwards.

The well marked low off Orissa and Circars coasts persists.

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

The low pressure wave over Rawalpindi and Sargodha divisions moved away.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Rangamati 2"; Maijdee Court 1½" and Dacca ¾".

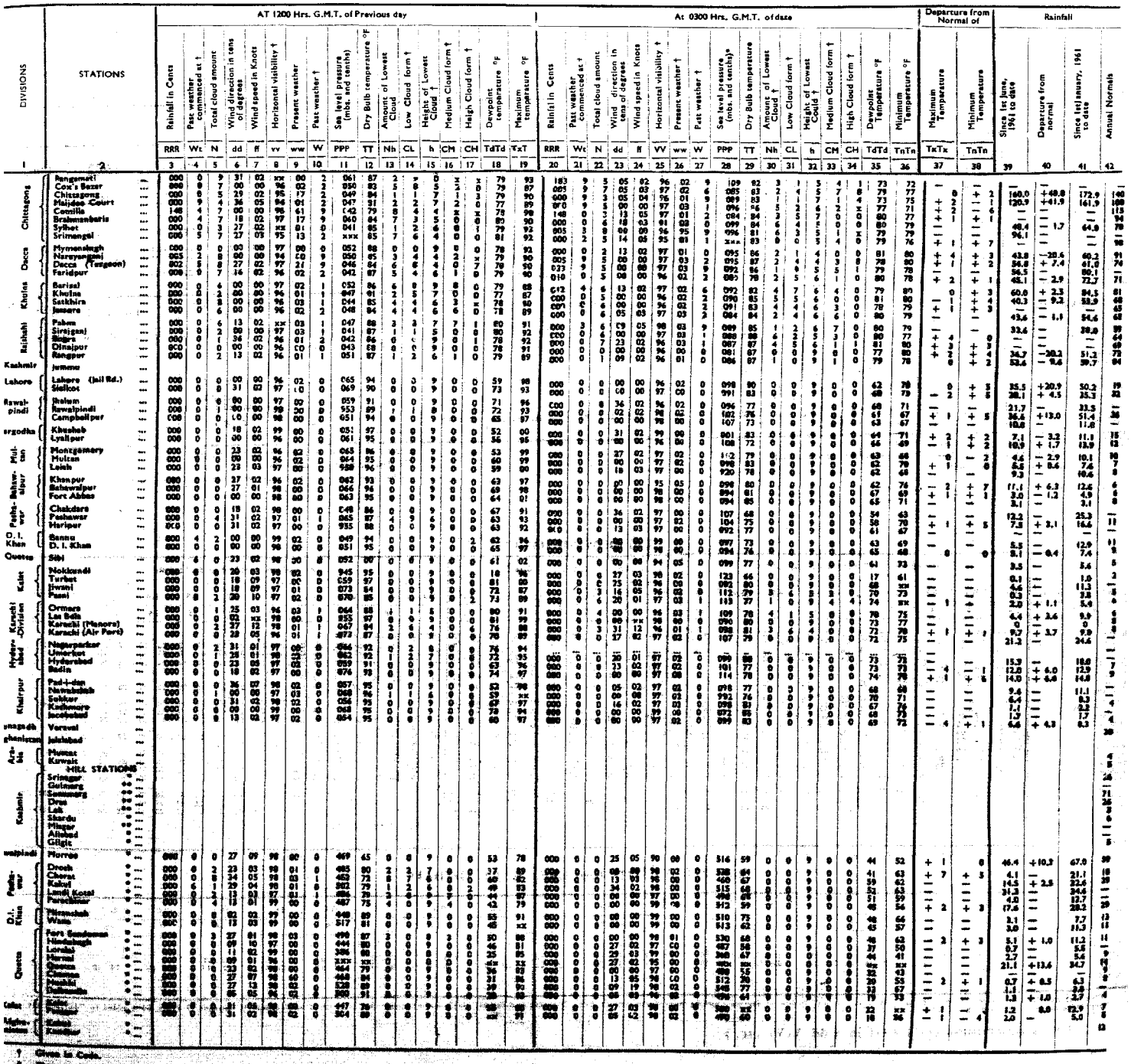
Day temperatures were 2-4 °F below normal in Khairpur and adjoining Hyderabad divisions.

Forecast valid until the evening of 6th October, 1961:- Rain/thundershowers will be local in Rajshahi division and scattered elsewhere in East Pakistan. Dry weather will prevail over West Pakistan.

Karachi-11
The 5th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.



? Given in Code.

* These stations report for 0700, the geopotential of the 850 mbs. Pressure level is geopotential metres, the thousands figure omitted.

** These stations report for 0700, the geopotential of the 700 mbs. Pressure level is geopotential metres, the thousands figure omitted.

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

Visibility 999 is given as 60+ and the remarks column for the actual remarks of stations.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 5th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mehdi	43 225	68 200	7 32 07	99 0 32	07 x83	74 x xx	...	...	...	...
Mehdi	43 234	67 306	3 32 07	99 0 11	10 x86	74 x xx	...	...	...	...
Astrolatia	43 231	59 412	3 12 13	98 0 20	06 588	00 9 00	75 6 15	...	00 2 81	11 2 x1
Talrafendis	43 242	67 112	1 23 02	97 0 20	08 267	98 0 01	...	...	...	...
Merrey Lloyd	43 206	58 818	0 00 00	98 0 20	10 287	00 9 00	77 1 08	...	00 0 74	12 5 32
Kakuhemaru	43 198	66 318	1 20 02	98 0 20	10 081	11 4 00	76 4 00	...	00 0 76	...
BAY OF BENGAL										
Pak. Prosperity	43 181	89 600	2 05 09	99 0 12	03 680	34 5 70	13 4 00	...	05 2 77	10 5 24
Pakistan Prosperity	44 195	90 521	3 05 13	99 0 11	02 582	44 5 70	13 2 00	...	05 1 77	10 5 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	006 272 252	...	...	140 185 145	...	308 078 042	433 012 545	579 572 632	749 675 992	957 812	233 005	415 145	...
Jiwani ...														
Karachi ...	00 00	006 262 195	079 265 235	...	148 178 085	...	312 102 998	440 030 990	585 570 990	755 692 992	964 802	241 xxx	425 108	669 235
Lahore ...	00 00	994 282 172	074 xxxxxx	...	145 235 132	...	316 098 045	442 012 995	586 590 990	755 678 992	987 770	250 990	453 955	...
Multan ...														
Peshawar ...	00 00	969 228 112	...	...	140 272 122	...	335 182 028	443 112 575	593 028 712	771 575 995	888 745	269 960	...	...
Quetta ...	00 00	833 165 048	...	...	...	...	316 162 792	446 110 990	597 075 995	777 030 900	103 620	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 192 175	800 118 085	586 002 568	...	...	...	...		...	586 002 568	...	...
Jiwani ...													
Karachi ...	00 00	900 222 118	800 160 070	...	...	...	...	...	...	...	800 160 070	...	...
Lahore ...	00 00	980 252 142	800 182 108	...	...	...	...	...	...	...	800 182 108	...	...
Multan ...													
Peshawar ...	00 00	923 285 135	900 815 342	800 230 082	350 652 998	250 855 995	168 292 992	010 000 900	...	...	010 000 900	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs, G.M.T. † of date (dd ff)

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

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

Height in Kms. a.s.l.—→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	18 04	19 04	14 08	...	...	...	...	...	...	...	...
Chaklala ...	...	19 01	27 02	32 07	33 07	01 04	19 02	23 10	27 11	07 10	27 37
Chhor ...	26 05	22 06	19 06	16 04	13 07	09 09	05 10	02 02	32 03	...	...
Chittagong ...	04 10	03 10	04 09	13 04	13 13	13 25	13 41	12 39	12 46	12 21	...
Cox's Bazar ...	11 05	21 09	13 13	...	...	...	...	...	...	...	...
Dacca ...	04 04	05 04	05 04	10 02	...	...	...	...	...	...	...
Dalbandin ...	...	...	37 05	12 05	03 07	01 20	34 06	25 11	26 12	26 13	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	28 02	11 03	25 04	14 10	14 11	18 13	25 29
Fort Sandeman ...	...	...	...	04 01	26 03	27 02	27 13	26 13	27 10	28 12	...
Jacobabad ...	25 03	21 04	20 04	16 02	03 09	08 10	01 05	31 03	29 04	27 16	...
Jessore ...	07 03	07 05	...	...	...	...	...	...	...	...	...
Jhelum ...	32 03	23 03	32 08	35 09	01 03	36 03	28 04	28 09	29 12	28 17	...
Jiwani ...	17 08	12 07	07 05	09 10	12 13	07 19	...	...	—	...	...
Karachi ...	28 08	28 07	26 05	06 06	06 07	05 14	05 09	35 05	27 08	36 08	...
Khanpur ...	18 03	20 03	20 03	17 02	18 01	33 04	33 08	35 11	36 12	...	...
Lahore ...	32 08	32 05	31 12	30 12	33 07	06 03	21 12	32 05	33 08	34 17	26 25
Multan ...	19 06	20 06	21 06	19 06	11 07	06 13	28 10	33 05	35 08	31 08	...
[illegible] ...	...	—	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 05	08 09	05 23	30 01	28 09	18 11	20 13	20 16
Peshawar ...	...	07 05	07 03	01 03	36 02	25 03	26 07	27 02	22 02	25 16	...
Quetta ...	...	...	...	...	21 08	13 09	25 11	25 12	28 04	20 13	28 62
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	31 03	13 02	20 06	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.l.—→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	25 10	19 01	11 01	11 05	11 47	18 06	15 13	15 10	13 13	13 17	15 17	15 17	11 21	12 05	12 23	23 09	24 18	18 09
Karachi ...	28 11	27 09	12 06	07 08	05 12	04 16	32 12	35 06	30 02	28 19	26 07	26 13	37 15	23 06	17 11	...	...	...
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...

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

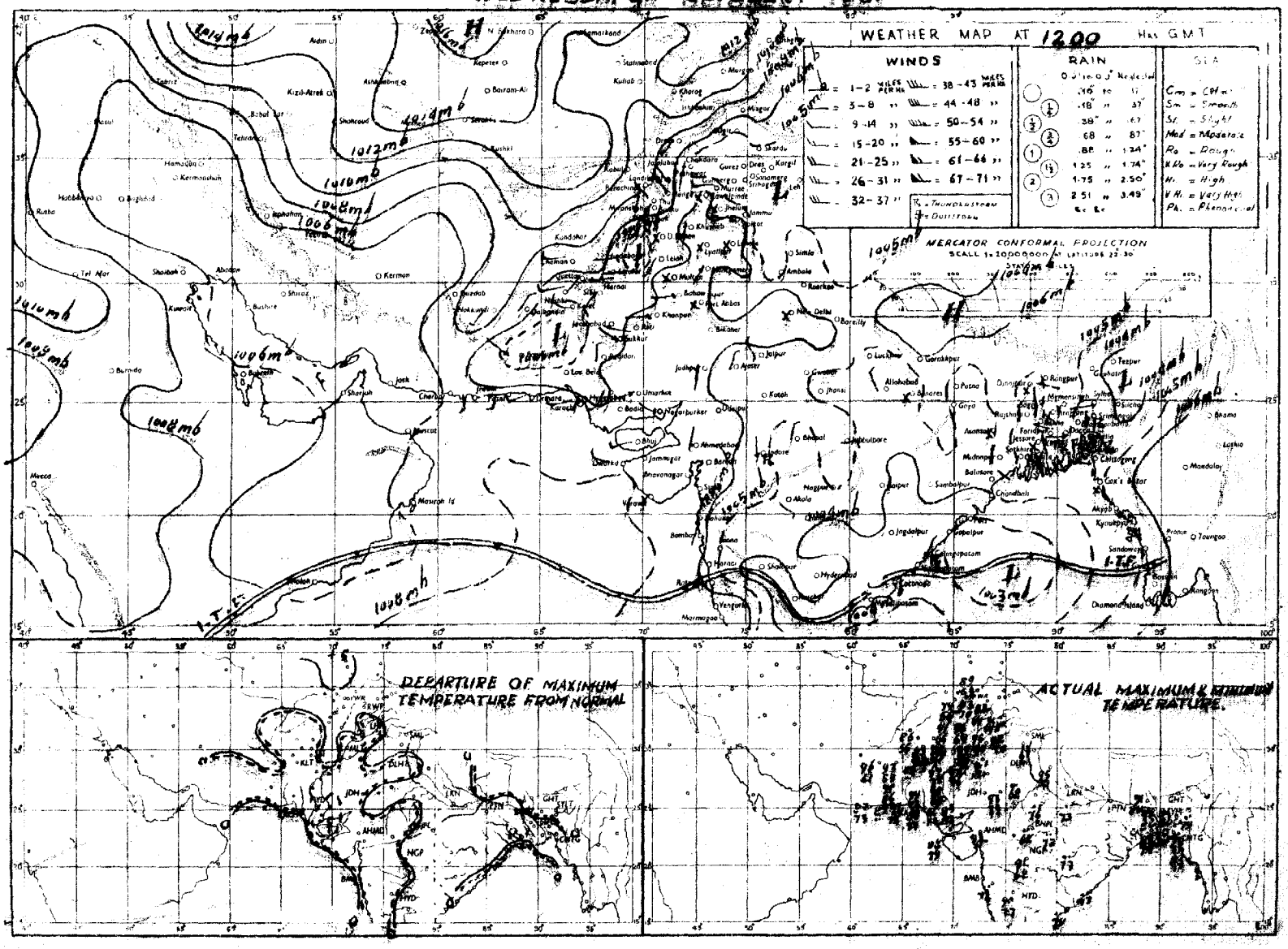
Cloud observation Data (GGiii Cdd V_rV_r etc.)

00 917 00 504

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

PAKISTAN DAILY WEATHER MAP

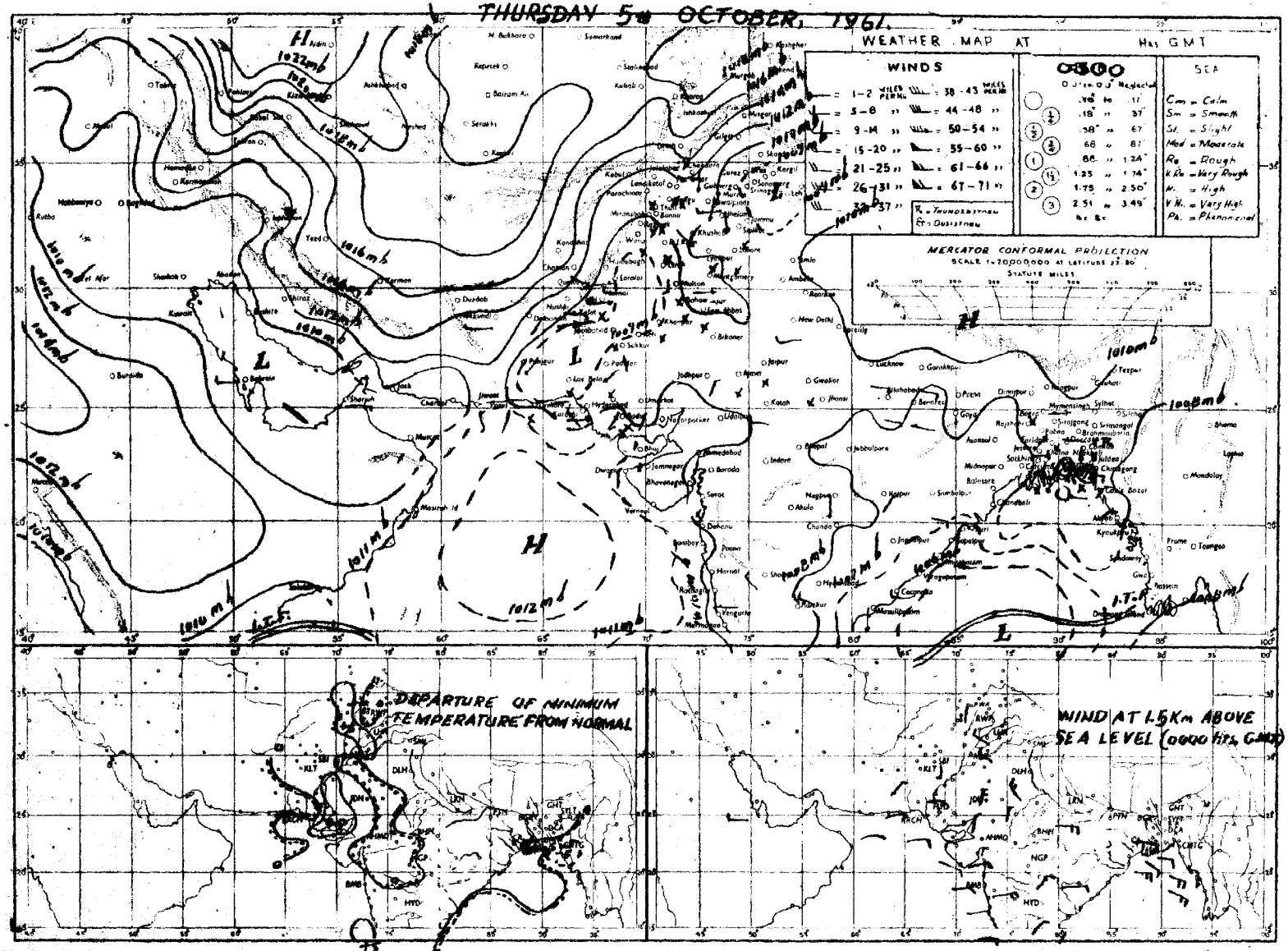
WEDNESDAY 4th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 5th OCTOBER, 1961.



Rainfall amounts indicated in th above chart refer to past hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 6th OCTOBER, 1961.

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

Ships observations are lacking but believe yesterday's well marked low concentrated into a depression and is centred at 06,0300 G.M.T. within one degree of latitude 16°N and longitude 85°E. It is likely to intensify and move westnorthwestwards. Thunderstorms/showers have been local in Rajshahi division and scattered elsewhere over East Pakistan.

A westerly low pressure wave is moving across D. I. Khan and adjoining areas.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Pabna 3/4" and Mymensingh ¾".

Day temperatures were 3–5 °F above normal in East Pakistan and practically normal over West Pakistan.

Forecast valid until the evening of 7th October, 1961:- Local rain/thundershowers will occur in East Pakistan and scattered thunderstorm/showers in Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 6th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																At 0300 Hrs. G.M.T. of date												Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
4	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	9	18	02	xx	00	2	064	87	9	x	x	0	x	75	93	013	2	6	18	05	98	01	9	110	80	2	7	4	8	5	74	75	—	—	—	—	—	—
	Cox's Bazar	000	0	4	20	05	97	03	0	054	83	2	x	0	6	x	78	90	000	0	6	16	03	97	02	2	091	85	3	9	7	1	6	78	77	+ 3	+ 2	159.9	+48.5	172.9	140
	Chittagong	000	0	8	23	03	96	02	1	055	85	1	0	9	1	4	77	92	000	9	5	05	07	97	02	9	100	85	3	9	7	1	4	77	78	+ 5	+ 4	120.9	+41.7	161.9	108
	Maijdee Court	000	9	5	27	02	95	03	1	050	85	3	2	7	4	0	79	91	000	9	8	09	05	96	03	2	098	79	6	2	5	2	x	75	76	+ 4	0	—	—	—	115
	Comilla	000	0	6	18	05	96	03	1	040	85	6	4	5	0	0	79	92	000	0	8	18	02	96	03	2	078	81	8	5	4	x	x	78	77	+ 3	+ 2	—	—	—	94
	Brahmanbaria	000	9	5	00	00	96	03	1	046	86	3	4	5	2	2	77	90	000	0	7	18	02	97	03	1	094	83	7	0	9	3	0	79	80	—	—	48.4	— 2.1	64.0	78
	Sylhet	000	9	6	00	00	xx	01	9	043	83	4	4	6	1	1	79	89	000	3	6	13	03	96	02	4	950	83	8	4	5	3	2	79	77	—	—	96.1	—	—	—
	Srimangal	000	5	6	00	00	95	02	2	xxx	84	0	0	5	0	0	79	91	000	3	6	16	05	95	01	2	xxx	83	0	0	5	4	0	79	75	0	+ 3	—	—	—	98
Dacca	Mymensingh	030	6	4	00	00	97	01	6	049	82	2	2	4	0	4	78	90	030	0	0	27	02	97	00	0	097	86	0	0	9	0	0	76	76	+ 3	0	44.1	—20.5	60.5	91
	Narayanganj	000	9	8	23	02	94	03	2	047	85	5	4	3	3	x	79	92	030	9	7	13	02	96	03	2	094	88	3	4	3	0	8	77	80	+ 3	+ 3	56.8	+ 7.2	61.0	74
	Dacca (Tezgaon)	000	0	7	18	02	97	13	2	046	85	4	4	5	3	1	78	92	000	9	3	18	02	98	03	0	087	85	1	1	6	7	1	76	77	—	—	56.5	—	80.1	—
	Faridpur	000	0	8	16	02	96	02	2	061	85	6	4	6	1	0	78	91	000	0	5	20	05	97	01	2	082	87	3	4	7	1	0	79	78	+ 3	+ 1	45.1	— 3.1	72.7	71
Khulna	Barisal	000	0	6	00	00	97	02	2	050	85	8	1	9	8	0	85	91	000	0	6	00	03	97	02	2	994	82	6	0	8	4	0	78	80	+ 3	+ 3	60.0	— 2.7	84.5	81
	Khulna	011	2	5	00	00	94	02	5	048	83	5	3	5	5	0	78	88	011	0	5	00	00	96	02	2	092	85	5	5	5	0	0	79	78	0	+ 3	40.4	— 9.3	54.0	68
	Satkhira	000	0	6	00	00	95	03	1	048	82	4	4	6	3	x	80	92	001	0	6	00	00	96	02	2	089	84	3	4	6	3	0	78	78	+ 3	+ 3	—	—	—	65
	Jessore	000	0	6	18	02	97	02	2	007	86	4	4	6	0	0	79	90	000	0	4	09	07	97	01	1	082	84	3	4	6	0	0	78	77	0	0	43.6	— 1.3	54.6	65
Rajshahi	Pabna	000	0	6	13	02	xx	01	2	040	85	3	1	6	0	0	81	93	000	9	2	13	05	98	01	9	099	86	0	0	9	0	1	80	78	—	—	34.4	—	38.8	55
	Sirajganj	000	0	8	00	00	96	02	2	042	83	8	1	5	0	4	79	92	000	9	1	00	00	98	02	1	088	85	1	1	5	0	0	78	78	+ 4	+ 2	—	—	—	64
	Bogra	000	0	5	09	03	96	01	9	044	82	2	1	5	0	1	79	92	000	9	0	18	02	97	00	2	085	86	0	0	9	0	0	75	79	+ 4	+ 4	—	—	—	69
	Dinajpur	000	0	3	00	00	96	02	0	029	80	3	2	4	0	0	78	94	000	0	4	00	00	96	02	2	071	86	4	0	9	2	0	81	80	+ 5	+ 5	36.7	—20.4	51.2	72
	Rangpur	000	0	4	13	02	96	03	0	040	84	2	2	6	2	0	78	93	000	0	4	13	02	96	03	0	087	85	3	5	6	2	0	81	78	+ 4	+ 3	53.6	— 9.8	59.7	84
Kashmir	Jammu																																							
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	056	94	0	0	9	0	0	60	96	000	0	0	00	00	96	02	0	087	81	0	0	9	0	0	63	70	—	— 9.1	35.5	— 9.1	50.2	19
	Sialkot	000	0	0	00	00	97	00	0	049	90	0	0	9	0	0	73	95	000	0	0	00	00	97	02	0	080	82	0	0	9	0	0	67	73	0	+ 7	28.1	+ 4.5	35.3	82
Rawalpindi	Jhelum	000	0	0	32	02	97	02	0	045	94	1	0	7	0	0	67	97	000	0	0	00	00	97	02	0	088	75	0	0	9	0	0	69	67	—	—	21.7	—	33.5	—
	Rawalpindi	000	0	0	00	00	98	00	0	xxx	88	0	0	9	0	0	62	92	000	0	0	36	02	98	02	0	094	74	0	0	9	0	0	59	64	0	+ 4	36.6	+16.0	51.4	36
	Campbellpur	000	0	0	00	00	98	00	0	028	93	0	0	9	0	0	61	95	000	0	0	00	00	98	00	0	085	75	0	0	9	0	0	58	65	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	9	30	00	99	00	0	050	00	0	0	9	0	0	73	01	000	0	0	00	00	97	00	0	077	77	0	0	9	0	0	57	70	+ 4	+ 3	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	31	02	96	00	0	057	97	0	0	9	0	0	54	97	000	0	0	00	00	96	00	0	087	78	0	0	9	0	0	67	68	+ 1	+ 3	10.9	+ 1.7	13.9	12
Multan	Montgomery	000	0	0	00	00	97	00	0	065	95	0	0	9	0	0	62	99	000	0	0	00	00	97	02	0	087	77	0	0	9	0	0	63	68	0	+ 1	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	98	00	0	060	97	0	0	9	0	0	67	00	000	0	0	00	00	98	02	0	076	83	0	0	9	0	0	56	75	+ 2	+ 8	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	16	01	97	00	0	047	95	0	0	9	0	0	55	99	000	0	0	18	02	97	00	0	952	78	0	0	9	0	0	62	68	—	—	9.3	—	10.4	6
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	061	95	0	0	9	0	0	62	97	000	0	0	18	03	96	02	0	083	82	0	0	9	0	0	63	68	—	+ 1	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	027	97	0	0	9	0	0	66	98	000	0	0	00	00	98	00	0	080	83	0	0	9	0	0	67	68	—	+ 3	3.0	— 1.2	4.9	8
	Fort Abbas	000	0	0	36	02	98	00	0	054	94	0	0	9	0	0	20	01	000	0	0	00	00	98	00	0	081	80	0	0	9	0	0	68	63	—	—	3.1	—	3.1	—
Peshawar	Chakdara	000	0	0	09	02	98	00	0	036	86	0	0	9	0	0	69	92	000	0	0	36	02	97	00	0	095	68	0	0	9	0	0	50	60	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	09	03	98	00	0	035	91	0	0	9	0	0	59	93	000	0	0	36	02	97	00	0	092	74	0	0	9	0	0	62	69	+	+ 6	7.5	+ 3.1	16.6	11
	Haripur	000	0	0	13	02	97	00	0	054	88	0	0	9	0	0	64	94	000	0	0	23	02	97	02	0	086	76	0	0	9	0	0	63	67	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	048	93	0	0	9	0	0	56	96	000	0	0	00	00	99	00	0	081	73	0	0	9	0	0	66	68	—	—	5.5	—	12.9	—
	D. I. Khan	000	0	0	00	00	98	00	0	050	95	0	0	9	0	0	65	97	000	0	0	00	00	98	00	0	076	75	0	0	9	0	0	63	67	0	— 0.4	5.1	— 0.4	7.4	9
Quetta	Sibi	000	6	0	18	02	98	00	0	054	99	0	0	9	0	0	46	02	000	4	0	00	00	93	05	0	090	73	0	0	9	0	0	59	71	—	—	3.5	—	5.6	—
Kalat	Nokkundi	000	0	0	16	03	88	02	0	043	97	0	0	9	0	0	22	98	000	0	0	24	03	58	02	0	091	70	0	0	9	0	0	27	64	—	—	0.4	—	1.0	—
	Turbat	000	0	0	25	03	98	02	0	049	99	0	0	9	0	0	77	00	000	0	0	27	01	96	02	0	101	79	0	0	9	0	0	72	74	—	—	0.3	—	1.3	—
	Jiwani	000	0	0	20	08	97	02	0	046	85	0	0	9	0	0	67	87	000	0	0	25	03	96	02	0	101	79	0	0	9	0	0	72	74	—	—	0.3	—	3.8	—
	Pasni	000	7	0	20	08	97	00	1	074	86	0	0	9	0	0	73	89	000	0	0	29	02	97	00	0	097	78	0	0	9	0	0	72	xx	—	—	2.0	+ 1.1	5.4	—
Karachi Division	Ormara	000	0	0	27	05	96	00	0	074	85	0	0	9	0	0	81	88	000	0	1	25	03	96	01	0	088	81	1	1	5	0	0	80	78	—	—	4.4	+ 3.6	9.9	—
	Las Bela	000	0	0	00	xx	98	00	0	049	00	0	0	9	0	0	86	01	000	0	0	00	xx	98	02	0	079	80	0	0	9	0	0	74	76	—	—	0	—	0	—
	Karachi (Mauripur)	000	0	0	27	12	98	00	0	054	84	0	0	9	0	0	77	00	000	0	0	27	10	97	02	0	086	77	0	0	9	0	0	73	77	+	+ 2	9.7	+ 3.7	9.8	—
	Karachi (Air Port)	000	0	1	23	07	97	01	0	073	83	1	1	6	0	0	72	93	000	0	0	27	10	97	02	0	086	77	0	0	9	0	0	72	77	—	—	21.2	—	24.6	—
Hyderabad	Nagarparker																		000	0	0	30	10	97	02	0	078	80	0	0	9	0	0	69	72	—	—	—	—	—	—
	Umarkot	000	0	0	25	03	98	02	0	059	95	0	0	9	0	0	72	96	000	0	0	00	00	97	02	0	081	80	0	0	9	0	0	70	73	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	23	02	97	03	0	064	97	0	0	9	0	0	49	00	000	0	0	00	00	97	02	0	082	77	0	0	9	0	0	70	73	0	0	12.0	+ 6.0	12.9	9
	Badin	000	0	0	23	02	97	00	0	086	93	0	0	9	0	0	77	97	000	0	0	23	02	97	00	0	082	79	0	0	9	0	0	74	77	+	+ 7	14.0	+ 6.6	14.8	—
Khairpur	Ped-i-dan	000	0	0	13	05	97	02	0	067	97	0	0	9	0	0	52	98	000	0	0	00	00	97	02	0	085	80	0	0	9	0	0	63	66	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	00	00	97	01	0	079	96	0	0	9	0	0	53	99	000	0	0	00	00	97	02	0	085	78	0	0	9	0	0	69	69	—	—	6.4	—	8.3	—
	Sakkur	000	0	0	00	00	98	02	0	060	94	0	0	9	0	0	65	94	000	0	0	00	00	97	02	0	082	83	0	0	9	0	0	66	75	—	—	1.1	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	060	97	0	0	9	0	0	72	94																							
	Jacobabad	000	0	0	13	02	97	02	0	067	95	0	0	9	0	0	66	98	000	0	0	13	02	97	02	0	085	81	0	0	9	0	0	71	74	—	+ 2	6.6	+ 4.3	8.2	—
Junagadh	Veraval																																							
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							
	Kuwait																																							
	HILL STATIONS																																							
Kashmir	Srinagar																																							
	Gulmarg																																							
	Sonamarg																																							
	Dras																																							
	Leh																																							
	Skardu																																							
	Mingar																																							
	Allahbad																																							
	Gilgit																																							
Rawalpindi	Murree	000	0	0	29	02	98	00	0	494	66	0	0	9	0	0	48	70	000	0	0	13	02	99	00	0	513	55	0	0	9	0	0	37	52	+ 1	0	46.4	+10.3	67.0	59
Peshawar	Drosh	000	0	1	23	09	98	01	0	476	81	1	1	7	0	0	37	89	000	0	0	00	00	98	02	0	512	64	0	0	9	0	0	40	64	+	+ 8	4.1	—	21.1	18
	Chorat	000	0	0	00	00	98	00	0	487	77	0	0	9	0	0	61	85	000	0	0	00	00	98	02	0	469	66	0	0	9	0	0	56	62	—	+ 1	14.5	+ 2.4	32.6	29
	Kakul	000	0	0	13	03	99	00	0	493	77	0	0	9	0	0	49	84	000	0	0	36	02	99	00	0	506	70	0	0	9	0	0	41	63	—	—	31.3	—	34.6	—
	Landi Kotal	000	0	1	23	01	98	01	0	484	96	2	0	9	0	0	55	84	000	0	0	00	00	97	00	0	486	70	0	0	9	0	0	53	60	—	—	4.0	—	12.7	—
	Parachinar	000	0	1	13	01	98	00	0	467	78	0	0	9	0	0	57	81	000	0	0	00	00	99	00	0	491	60	0	0	9	0	0	42	55	+ 4	+ 4	17.6	—	28.2	—
D.I. Khan	Mianwali	000	0	0	00	00	98	00	0	486	88	0	0	9	0	0	53	90	000	0	0	00	00	99	00	0	488	72	0	0	9	0	0	47	66	—	—	3.1	—	7.7	—
	Wana	000	0	0	13	03	99	00	0	517	81	0	0	9	0	0	45	88	000	0	0	00	00	99	00	0	509	64	0	0	9	0	0	40	55	—	—	3.0	—	11.3	—
Quetta	Fort Sandeman	000	0	0	25	02	98	02	0	492	87	0	0	9	0	0	47	89	000	0	0	00	00	99	02	0	509	67	0	0	9	0	0	43	61	—	+ 4	5.1	+ 0.1	11.3	—
	Hindubagh	000	0	0	25	02	97	00	0	447	81	0	0	9	0	0	42	84	000	0	0	27	02	97	00	0	499	61	0	0	9	0	0	35	61	—	—	0.7	—	5.5	—
	Loralai	000	0	0	16	02	99	00	0	388	00	0	0	9	0	0	25	86	000	0	0	31	03	99	00	0	374	65	0	0	9	0	0	39	41	—	—	2.7	—	5.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.6	34.3	—
	Quetta	000	0	0	36	02	98	00	0	477	77	0	0	9	0	0	49	84																							
	Chaman	000	0	0	27	02	98	00	0	485	85	0	0	9	0	0	28	87	000	0	0	23	03	98	02	0	513	70	0	0	9	0	0	33	56	—	+ 3	0.7	+ 0.5	6.3	—
	Zhob	000	0	0	27	03	98	02	0	549	92	0	0	9	0	0	42	94	000	0	0	09	03	98	02	0	527	78	0	0	9	0	0	29	71	—	+ 4	1.1	—	3.9	—
	Dalbandin	000	0	0	14	03	98	02	0	596	93	0	0	9	0	0	25	96	000	0	0	05	02	98	02	0	494	66	0	0	9	0	0	23	55	—	+ 1	1.3	+ 1.0	2.7	—
Kalat	Kalat	000	0	0	31	03	98	00	0	451	76	0	0	9	0	0	55	79	000	0	0	18	02	98	02	0	466	55	0	0	9	0	0	32	45	—	+ 3	1.2	— 6.0	12.9	9
	Pasni	000	0	0	31	04	98	02	0	498	89	0	0	9	0	0	79	98	000	0	0	09	02	98	02	0	482	61	0	0	9	0	0	15	56	—	+ 0	2.0	—	5.0	—
Afghanistan	Kabul																																							
	Kandhar																																							

† Given in Code.

• These readings reports for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

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

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

Whenever 999 is given in RRR see the accompany above for the exact amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isidora	53 192	58 296	2 00 00	96 0 11	11 177	11 4 20	16 1 14	...	00 2 74	1x x xx
Alhasan	53 218	68 612	2 35 09	98 0 37	77 472	11 3 00	74 5 00	...	00 9 75	13 5 21
Mersey Lloyeds	53 231	62 912	1 00 00	98 0 23	09 083	11 5 00	77 6 07	...	05 4 70	10 0 x0
Caltex Pernis	53 203	64 542	3 00 00	99 0 23	06 485	32 4 08	...	...	05 8 72	10 0 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	006 265 248	...	...	141 170 130	...	309 068 015	434 502 565	577 602 662	745 698 805	954 822	...	...	...
Jiwani ...														
Karachi ...	00 00	006 252 235	873 292 268	...	148 195 078	...	313 092 998	439 018 998	582 588 998	752 682 998	962 812	239 015	421 115	664 255
Lahore ...	00 00	993 278 172	061 xxxxxx	...	142 182 088	...	311 062 518	435 518 992	578 605 995	747 705 995	955 818	237 890	...	...
Multan ...														
Peshawar ...	00 00	965 222 138	...	...	144 258 155	...	316 198 072	447 145 515	598 058 652	777 588 985	996 692	287 870	...	...
Quetta ...	00 00	832 162 538	...	...	...	...	315 115 828	442 040 990	589 505 995	765 560 990	986 665	280 860	...	...

STATION	Time of ascent in G M T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 198 155	800 125 085	438 440 350	324 010 018	...	...	...		...	324 010 010	...	...
Jiwani ...													
Karachi ...	00 00	900 242 072	802 018 800	...	...	...	...	...	...	...	832 010 800	...	...
Lahore ...	00 00	900 228 110	800 158 078	...	...	...	...	...	...	...	800 158 078	...	...
Multan ...													
Peshawar ...	00 00	915 265 172	900 265 172	800 242 125	350 625 995	250 780 990	158 940 990	010 008 900	...	...	010 008 900	...	...
Quetta ...	00 00	800 160 608	590 162 645	...	...	...	...	...	...	...	590 162 645	...	...

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

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

UPPRE WIND DATA*

Height in Kms. a.s.–l	At 1200 hrs, G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	09 11	14 02	15 02	xx xx	11 08	11 09	12 13	13 15	12 13
Chaklala ...	...	31 07	30 00	31 18	34 04	23 03	22 09	26 15	27 20
Chhor ...	25 04	29 02	21 04	17 05	13 08	04 06	21 02	24 05	27 05
Chittagong ...	21 08	17 06	15 08	13 10	12 07	14 13	14 13	15 19	13 21
Cox's Bazar ...	18 08	18 13	14 12	12 21	13 22	...	...	...	...
Dacca ...	16 11	14 05	11 03	18 09	18 11	11 06	12 12	11 21	12 19
Dalbandin ...	...	...	15 02	11 05	06 11	01 14	27 09	29 13	30 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 11	21 15	25 19	29 14	31 17
Fort Sandeman ...	...	...	...	28 09	28 03	20 07	28 06	24 01	26 14
Jacobabad ...	21 08	21 04	20 04	21 01	05 02	06 04	07 17	32 03	35 04
Jessore ...	11 04	11 08	12 10	15 12	...	...	...	...	...
Jhelum ...	32 09	32 09	31 09	33 05	35 05	14 05	29 03	29 15	28 20
Jiwani ...	19 03	06 03	05 04	11 10	10 14	08 20	04 06	29 05	30 07
Karachi ...	26 10	27 03	07 07	11 01	08 03	01 10	10 02	12 06	17 06
Khanpur ...	26 04	27 05	27 06	28 06	19 05	09 07	36 02	35 07	01 10
Lahore ...	32 10	32 09	32 12	32 15	32 10	31 16	33 06	27 05	19 13
Multan ...	24 05	21 07	19 05	09 05	05 06	09 03	31 14	06 03	04 04
[illegible] ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	16 02	08 03	03 15	35 05	30 14	32 19
Peshawar ...	...	03 04	33 02	22 06	25 05	31 05	32 07	30 21	30 10
Quetta ...	...	...	...	...	28 06	22 06	25 08	27 17	20 16
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	32 04	09 04	08 09	08 06	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

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

Height in Kms. a.s.–l	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	19 06	20 09	20 10	18 08	17 06	15 07	18 19	17 09	16 08	14 08	16 15
Chaklala ...	...	12 03	10 03	01 03	31 06	09 06	26 02	02 04	26 10	24 32	24 28
Chhor ...	33 04	02 05	04 04	16 05	18 05	08 11	02 06	25 10	27 04	25 08	25 06
Chittagong ...	14 08	13 09	13 10	09 13	07 16	08 10	08 12	11 21	11 21	12 27	13 27
Cox's Bazar ...	13 06	12 08	...	...	...	...	...	...	...	...	...
Dacca ...	17 07	14 06	14 06	14 08	14 09	14 10	14 12	17 18	...	...	...
Dalbandin ...	...	...	18 04	07 03	31 04	03 08	02 19	28 15	26 14	26 23	25 23
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	09 01	22 02	18 08	17 08	16 06	...	...
Fort Sandeman ...	...	...	...	27 02	35 03	11 03	14 03	27 07	28 19	...	...
Jacobabad ...	23 07	22 09	22 09	26 02	29 04	08 07	27 14	30 07	29 05	...	...
Jessore ...	16 08	16 15	16 17	14 20	13 20	...	...	...	...	...	...
Jhelum ...	30 00	04 04	33 02	31 05	31 03	27 01	18 12	23 15	24 17	24 23	26 41
Jiwani ...	26 10	26 07	26 05	23 03	01 07	09 19	06 12	31 09	29 11	30 09	...
Karachi ...	30 09	29 04	26 04	16 08	11 08	08 18	02 05	32 06	32 10	...	...
Khanpur ...	25 08	26 08	25 12	24 14	24 11	29 04	05 11	05 08	01 11	...	...
Lahore ...	32 08	31 13	30 14	31 08	33 09	20 08	16 15	17 12	18 07	22 07	23 23
Multan ...	20 09	20 14	19 11	18 09	14 04	02 07	26 06	19 07	23 10	...	...
[illegible] ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	11 05	08 14	01 25	30 09	34 07	28 09	27 16	27 20
Peshawar ...	...	36 03	35 03	08 01	11 01	13 03	32 10	25 10	25 17	...	...
Quetta ...	...	...	...	...	04 02	03 12	36 13	26 15	26 17	25 12	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	31 06	30 07	30 05	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.–l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	16 07	18 05	18 05	18 04	14 18	18 04	17 05	15 06	15 09	14 15	12 19	...	...	...	...	...	...	...
Karachi ...	29 14	26 06	28 -3	07 05	07 13	03 21	07 13	26 06	25 14	30 08	26 08	29 15	25 08	27 12	27 13	19 15	18 20	13 12
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

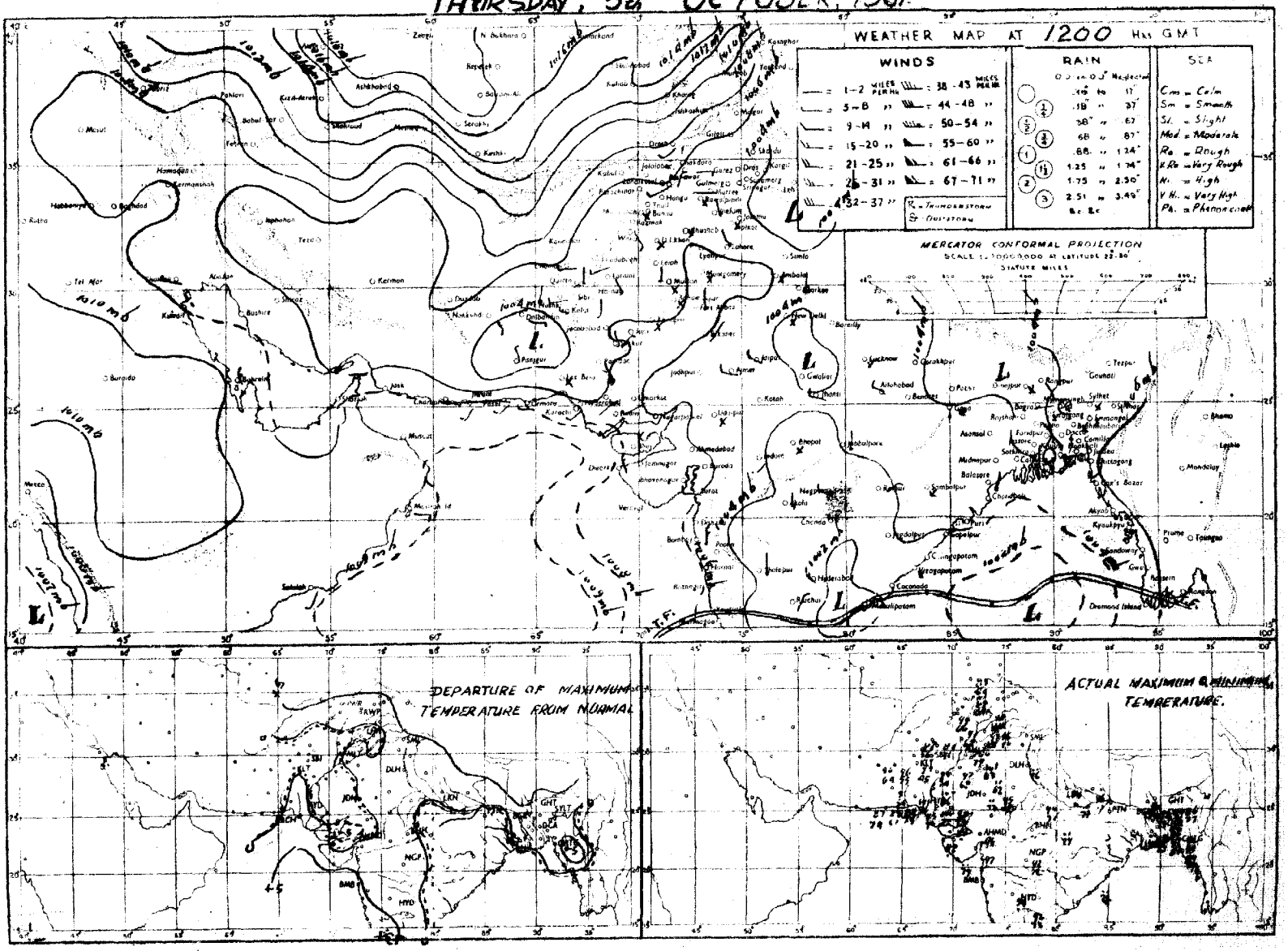
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-31.

PAKISTAN DAILY WEATHER MAP

THURSDAY, 5th OCTOBER, 1961.


WEATHER MAP AT 1200 Hrs GMT
WINDS
1-2 MILES PER Hr
3-8 ,,
9-14 ,,
15-20 ,,
21-25 ,,
26-31 ,,
32-37 ,,
38-43 MILES PER Hr
44-48 ,,
50-54 ,,
55-60 ,,
61-66 ,,
67-71 ,,
Th = Thunderstorm
Dr = Duststorm
RAIN
Nil
Trace to .17"
.18" to .37"
.38" to .67"
.68" to .87"
.88" to 1.24"
1.25" to 1.74"
1.75" to 2.50"
2.51" to 3.49"
Rc Rc
SEA
Cm = Calm
Sm = Smooth
Sl. = Slight
Mod = Moderate
Ro = Rough
V. Ro = Very Rough
Hi = High
V. Hi. = Very High
Ph. = Phenomenal
MERCATOR CONFORMAL PROJECTION
SCALE 1:7000000 AT LATITUDE 22°.30'
STATUTE MILES
1014 mb
1012 mb
1010 mb
1008 mb
1006 mb
1004 mb
1002 mb
1000 mb
998 mb
996 mb
994 mb
992 mb
990 mb
988 mb
986 mb
984 mb
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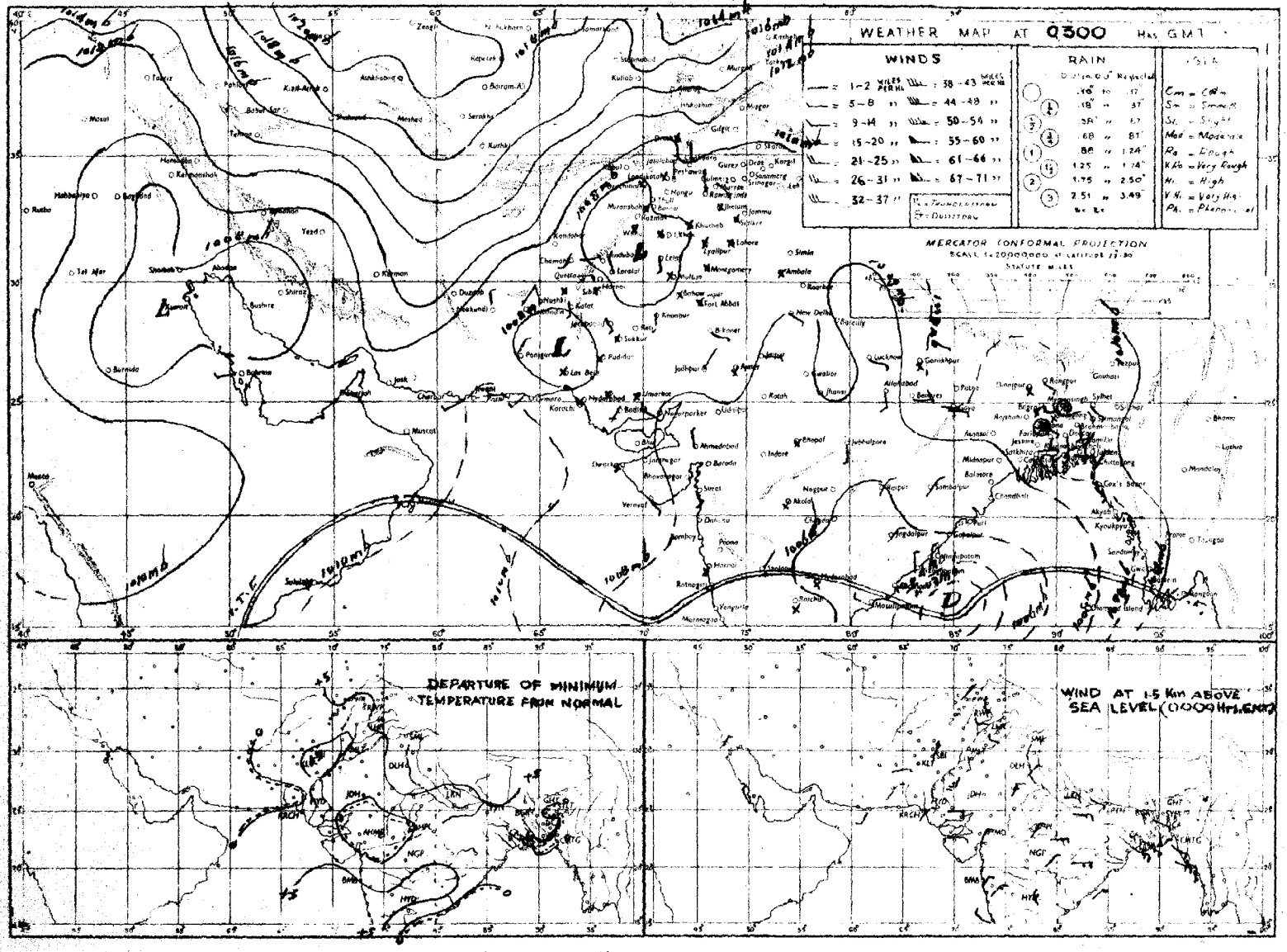
PAKISTAN DAILY WEATHER MAP

FRIDAY, 6th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 7th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Ships observations are lacking but believe yesterday's depression moved slightly northwestwards and is centred at 07,0300 G.M.T. within a degree of latitude 16½°N and longitude 84½°E.It is likely to move westnorthwestwards.

Rain/thundershowers have been local in Chittagong division and scattered in Khulna and Rajshahi divisions. Scattered thunderstorms have also been reported from Dacca division.

The westerly low pressure wave over D. I. Khan division moved away eastwards. Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Rangamati and Sylhet 1½" each and Khulna 1/4".

Day temperatures were 3–6 °F above normal in Peshawar, Lahore, D. I. Khan and Kalat divisions and in the southern parts of Hyderabad division.

Forecast valid until the evening of 8th October, 1961:- Thunderstorm/showers will be local in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11
The 7th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date														Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wc	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxT	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	18	05	xx	00	2	066	86	9	x	9	x	x	77	91	130	7	6	36	02	97	01	9	113	85	1	2	5	8	8	77	75	—	—	—	—	—	—
	Cox's Bazar	005	5	7	18	09	96	03	4	055	82	5	9	5	4	6	79	87	005	9	6	20	02	97	01	6	096	85	1	3	5	0	8	77	77	—	0	+	2	160.9	+48.3	172.9	148
	Chittagong	000	0	8	27	03	96	53	2	060	84	6	8	5	2	x	78	90	000	9	5	13	04	97	01	9	108	86	1	3	5	0	4	77	77	+	3	+	2	120.9	+41.4	161.9	109
	Maijdee Court	000	9	2	18	02	94	03	0	058	85	2	2	7	0	0	78	88	000	9	5	00	00	97	01	2	100	84	5	5	6	0	0	77	78	+	3	+	2	—	—	—	135
	Comilla	000	0	2	09	02	96	61	1	052	87	2	4	7	0	0	79	89	000	0	1	32	02	97	02	1	089	84	4	5	5	0	0	78	78	+	3	+	3	—	—	—	94
	Brahmanbaria	000	8	4	27	02	97	03	1	056	86	2	4	5	0	0	79	89																								78
	Sylhet	000	8	4	00	00	xx	01	9	052	xx	3	4	5	0	1	78	87	161	xx	8	00	00	00	96	61	9	199	87	7	5	5	8	8	74	73	—	—	—	—	97.7	—	—	—
	Srimangal	000	0	0	00	00	00	00	0	xxx	84	0	0	0	0	0	80	91	002	3	8	13	05	94	61	6	xxx	73	8	6	4	8	8	71	72	—	—	—	—	—	—	98
Dacca	Mymensingh	000	0	4	09	00	97	01	1	060	85	4	2	4	0	0	75	92	000	0	4	13	02	97	01	1	103	93	0	0	3	0	4	79	79	+	4	+	3	44.1	—20.7	60.5	91
	Narayanganj	000	9	3	13	02	94	03	9	054	86	1	4	4	0	0	77	91	000	9	6	13	02	96	03	1	098	87	4	4	3	0	3	77	79	+	2	+	2	56.8	+ 7.1	61.0	74
	Dacca (Tejgaon)	000	0	4	09	00	97	01	9	057	85	2	4	5	0	0	78	88	000	0	6	13	02	97	02	2	095	85	4	4	6	0	1	78	77	—	—	—	—	56.5	—	80.1	—
	Faridpur	000	0	3	09	00	96	01	1	047	84	2	2	4	0	1	78	89	000	0	1	06	02	97	01	1	095	85	5	4	7	1	0	78	78	+	1	+	1	45.1	— 3.2	72.7	71
Khulna	Barisal	000	4	8	00	00	97	02	1	064	86	4	0	9	8	0	78	91	000	8	4	00	00	97	02	2	103	87	4	0	9	4	0	77	75	+	3	—	2	60.0	+ 2.1	84.5	83
	Khulna	022	9	2	00	00	96	01	6	051	82	3	5	5	0	0	78	90	022	0	4	00	00	96	01	1	093	85	4	5	5	9	0	76	78	+	2	—	3	42.6	— 7.2	54.3	68
	Satkhira	000	0	1	00	00	95	03	1	049	82	5	4	6	3	0	79	92	000	0	4	00	00	96	03	2	091	87	2	3	6	3	0	77	77	—	2	—	4	34.1	—12.4	55.7	65
	Jessore	004	2	4	18	03	97	02	6	041	86	2	4	6	6	0	79	91	004	9	6	13	05	97	02	6	091	83	3	4	6	6	2	79	77	+	1	—	0	43.6	— 6.3	54.6	65
Rajshahi	Pabna	000	0	6	13	02	xx	03	1	045	87	2	8	6	6	8	78	90	000	9	4	13	05	99	03	9	094	85	2	2	6	0	2	77	79	—	—	—	—	34.4	—	38.8	55
	Sirajganj	000	9	8	00	00	96	02	1	051	85	2	8	1	5	0	79	92	000	0	4	00	00	97	01	1	093	85	4	4	5	5	0	76	78	+	4	+	2	33.7	—12.5	47.0	64
	Bogra	000	3	7	00	00	96	17	6	049	84	4	3	5	0	0	78	92	000	0	5	23	02	96	02	1	093	85	4	4	5	5	1	76	79	+	3	+	4	40.8	— 1.5	48.4	69
	Dinajpur	000	6	8	00	00	96	17	6	048	81	4	4	5	0	0	79	92	000	0	6	00	00	96	02	0	075	84	3	4	5	4	0	76	75	+	5	—	0	36.7	—20.9	51.2	72
	Rangpur	001	5	3	05	02	96	01	5	053	81	1	5	6	1	0	75	90	001	9	3	36	02	96	03	5	093	85	2	7	6	4	0	76	76	+	1	+	1	53.6	—10.0	59.8	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	36	02	96	02	0	042	93	0	0	0	0	0	58	94	000	0	0	00	00	00	96	10	0	075	79	0	0	0	9	0	65	69	—	1	+	4	35.5	+10.9	50.2	19
	Sialkot	000	0	0	00	00	97	00	0	035	94	0	0	0	0	0	65	96	000	0	0	00	00	97	00	0	071	80	0	0	0	9	0	67	70	+	2	+	4	28.1	— 4.4	35.3	32
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	032	93	0	0	0	0	0	69	98	000	0	0	00	00	97	02	0	069	74	0	0	0	9	0	61	66	—	—	—	—	21.7	—	33.5	—
	Rawalpindi	000	0	1	29	02	99	00	0	041	87	1	0	9	0	0	59	93	000	0	0	05	02	99	00	0	073	76	0	0	0	9	0	57	64	+	2	+	4	36.6	+ 14.0	51.4	36
	Campbellpur	000	0	0	00	00	98	00	0	028	94	0	0	9	0	0	51	96	000	0	0	00	00	98	00	0	075	73	0	0	0	9	0	70	63	—	—	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	035	99	0	0	0	0	0	56	01	000	0	0	00	00	99	00	0	078	74	0	0	0	9	0	61	77	+	4	+	10	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	046	97	0	0	9	0	0	55	97	000	0	0	13	02	94	04	0	072	71	0	0	0	9	0	60	67	+	2	+	2	10.9	+ 1.7	13.9	12
Multan	Montgomery	000	0	0	00	00	97	00	0	050	94	0	0	0	0	0	64	00	000	0	0	00	00	97	02	0	070	79	0	0	0	9	0	58	65	+	1	—	1	4.6	— 2.3	10.1	10
	Multan	000	0	0	00	00	98	02	0	042	95	0	0	0	0	0	66	98	000	0	0	00	00	98	02	0	061	82	0	0	0	9	0	57	76	+	2	—	1	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	23	05	97	00	0	014	92	0	0	0	0	0	64	99	000	0	0	23	03	97	00	0	062	79	0	0	0	9	0	62	67	—	—	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	0	27	02	96	02	0	042	95	0	0	0	0	0	66	98	000	0	0	22	05	96	02	0	069	77	0	0	0	9	0	64	67	—	0	—	0	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	18	01	98	00	0	xxx	00	0	0	0	0	0	69	98	000	0	0	00	00	98	00	0	063	84	0	0	0	9	0	67	69	+	1	—	1	3.2	— 1.2	4.9	4
	Fort Abbas	000	0	0	02	02	98	00	0	048	93	0	0	0	0	0	60	01	000	0	0	18	02	98	00	0	069	80	0	0	0	9	0	52	68	—	—	—	—	3.1	—	3.4	8
Peshawar	Chakdara	000	0	0	09	02	98	00	0	035	87	0	0	9	0	0	59	91	000	0	0	00	00	97	00	0	087	66	0	0	0	9	0	52	59	—	—	—	—	12.2	—	35.3	11
	Peshawar	000	0	1	05	02	98	01	0	040	88	1	0	9	3	0	65	92	000	0	0	00	00	96	05	0	079	74	0	0	0	9	0	61	68	+	1	—	1	7.5	+ 3.1	16.6	14
	Haripur	000	0	0	23	02	97	00	0	037	88	0	0	9	0	0	64	91	000	1	0	23	02	97	01	0	069	76	0	0	0	9	0	54	64	—	—	—	—	27.6	—	38.5	—
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	032	93	0	0	0	0	0	55	96	000	0	0	00	00	99	00	1	017	72	0	0	0	9	0	59	67	—	—	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	025	98	0	0	0	0	0	73	00	000	0	0	00	00	98	00	0	064	74	0	0	0	9	0	63	67	+	4	—	2	5.1	— 0.4	7.4	9
Quetta	Sibi	000	0	0	13	03	98	00	0	036	01	0	0	0	0	0	40	03	000	2	0	00	00	94	05	0	074	73	0	0	0	9	0	56	71	—	—	—	—	8.5	—	5.6	5
Kalat	Nokkundi	000	0	0	23	03	98	02	0	020	99	0	0	0	0	0	27	00	000	0	0	27	03	98	02	0	083	75	0	0	0	9	0	21	67	—	—	—	—	0.1	—	1.0	2
	Turbat	000	0	0	27	04	97	00	0	028	00	0	0	0	0	0	69	02	000	0	0	27	01	96	00	0	076	79	0	0	0	9	0	72	xx	—	—	—	—	6.6	—	11.3	5
	Jiwani	000	0	0	23	14	97	02	0	070	84	0	0	0	0	0	71	87	000	0	0	23	05	96	03	0	083	81	2	0	6	9	0	75	76	—	—	—	—	0.3	—	3.8	3
	Pasni	000	5	0	20	14	97	05	4	061	94	0	0	0	0	0	75	89	000	0	0	29	02	97	00	0	081	76	0	0	0	9	0	73	xx	—	2	—	—	3.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	0	1	27	05	96	03	1	054	83	1	1	5	0	0	82	87	000	0	0	27	02	96	00	0	068	81	0	0	0	9	0	80	77	—	—	—	—	6.4	+ 3.6	9.9	6
	Las Bela	000	0	0	00	xx	98	00	0	996	01	0	0	0	0	0	83	03																								8
	Karachi (Manora)	000	0	2	27	14	98	00	0	054	87	0	0	0	0	0	80	89	000	0	0	31	07	97	02	0	071	80	0	0	0	9	0	74	78	+	2	+	3	9.7	+ 3.7	9.8	—
	Karachi (Air Port)	000	0	2	23	10	97	01	0	057	87	0	0	0	0	0	73	95	000	0	0	00	00	96	10	0	078	78	0	0	0	9	0	74	72	—	—	—	—	21.2	—	24.6	—
Hyderabad	Nagerparker	000	0	3	25	02	99	00	2	037	92	0	0	0	0	0	91	96	000	0	0	31	01	97	02	0	076	80	0	0	0	9	0	74	78	—	—	—	—	9.7	+ 3.7	9.8	—
	Umarkot	000	0	2	29	01	98	03	0	040	98	1	2	5	0	0	67	01	000	0	0	xx	00	97	02	0	066	80	0	0	0	9	0	71	xx	—	—	—	—	26.1	—	27.3	—
	Hyderabad	000	0	0	20	02	97	03	0	048	97	0	0	0	0	0	68	01	000	0	0	00	00	97	02	0	072	80	0	0	0	9	0	71	73	—	—	—	—	15.9	—	18.0	7
	Badin	000	0	0	18	02	97	02	0	044	97	0	0	0	0	0	73	01	000	0	0	23	02	97	02	0	079	78	0	0	0	9	0	73	70	+	5	+	8	12.0	+ 6.0	12.9	9
Khairpur	Pad-i-dan	000	0	0	13	02	98	02	0	044	97	0	0	0	0	0	55	00	000	0	0	23	02	97	02	0	064	80	0	0	0	9	0	64	68	—	—	—	—	14.8	+ 6.8	14.8	—
	Nawabshah	000	0	0	18	02	97	01	0	046	98	0	0	0	0	0	58	00	000	0	0	00	00	97	02	0	072	80	0	0	0	9	0	64	70	—	—	—	—	9.4	—	11.1	—
	Sukkur	000	0	0	14	02	98	02	0	042	98	0	0	0	0	0	60	02	000	0	0	00	00	97	02	0	072	81	0	0	0	9	0	65	75	—	—	—	—	0.6	—	8.3	—
	Kashmore																		000	0	0	00	00	97	02	0	063	80	0	0	0	9	0	66	70	—	—	—	—	1.1	—	2.2	—
	Jacobabad	000	0	0	18	02	97	02	0	044	97	0	0	0	0	0	59	99	000	0	0	00	00	99	00	0	063	80	0	0	0	9	0	76	70	—	—	—	—	1.7	—	1.7	4
		000	0	0	18	02	97	02	0	044	97	0	0	0	0	0	59	99	000	0	0	36	00	97	02	0	067	79	0	0	0	9	0	68	74	—	1	+	6	6.6	+ 4.3	8.3	—
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							4
	Kuwait																																							5
	HILL STATIONS																																							26
Kashmir	Srinagar																																							71
	Gulmarg																																							25
	Sonamarg																																							3
	Dras																																							6
	Leh																																							5
	Skardu																																							
	Misgar																																							
	Allabad																																							
	Gilgit																																							
Rawalpindi	Murree	000	0	0	34	02	99	00	9	479	66	0	0	9	0	0	42	72	000	8	0	00	00	99	00	0	995	58	0	0	9	0	0	41	53	+	4	+	1	46.4	+10.2	67.0	59
Peshawar	Drosh	000	5	3	23	07	97	01	2	477	81	2	2	7	6	0	6	88	000	9	2	00	0	98	03	2	506	62	2	0	9	4	0	37	62	+	8	+	6	4.1	—	21.1	18
	Chitral	000	0	0	00	00	98	00	2	484	80	0	0	0	0	0	57	84	000	0	0	13	05	96	00	0	450	65	0	0	9	0	0	68	62	+	3	+	1	14.5	+ 2.4	33.6	29
	Kakul	000	0	0	18	03	99	00	0	517	77	0	0	0	0	0	50	84	000	0	0	36	02	99	00	0	491	68	0	0	9	0	0	48	63	—	—	—	—	31.3	—	34.6	—
	Landi Kotal	000	0	0	13	02	97	00	0	471	82	0	0	0	0	0	58	88	000	0	0	00	00	97	00	0	478	70	0	0	9	0	0	53	59	—	—	—	—	4.0	—	12.7	—
	Parachinar	000	0	0	13	01	99	00	0	480	80	0	0	0	0	0	42	81	000	0	0	00	00	99	00	0	500	60	0	0	9	0	0	37	56	+	5	—	5	17.6	—	28.2	—
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	486	88	0	0	0	0	0	46	90	000	0	0	00	00	99	00	0	478	72	0	0	9	0	0	41	66	—	—	—	—	3.1	—	7.1	—
	Wana	0.0	0	0	18	03	99	00	0	585	83	0	0	0	0	0	39	87	000	0	0	00	00	99	00	0	505	59	0	0	9	0	0	37	53	—	—	—	—	3.0	—	11.3	—
Quetta	Fort Sandeman	000	0	1	25	01	99	01	0	480	87	1	0	0	0	0	47	85	000	0	0	00	00	99	00	0	499	67	0	0	9	0	0	45	60	+	4	+	3	5.1	+ 0.1	11.2	11
	Hindubagh	000	0	1	13	02	97	00	0	449	80	0	0	0	0	0	46	84	000	0	0	27	02	97	00	0	482	62	0	0	9	0	0	41	48	—	—	—	—	0.7	—	5.5	—
	Loralai	000	0	0	13	02	99	00	0	464	80	0	0	0	0	0	51	87	000	0	0	00	00	99	00	0	385	63	0	0	9	0	0	44	40	—	—	—	—	2.7	—	5.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	21.1	+13.5	34.7	—
	Quetta	000	0	0	31	02	98	00	0	489	80	0	0	0	0	0	55	81	000	0	0	00	00	97	00	0	500	56	0	0	9	0	0	27	42	+	4	+	2	1.6	0.6	6.2	—
	Chaman	000	0	0	31	05	98	00	0	478	86	0	0	0	0	0	33	88	000	0	0	13	03	98	00	0	489	74	0	0	9	0	0	32	62	+	7	+	9	0.7	+ 0.5	6.3	—
	Nushki	000	0	0	27	09	98	02	0	522	93	0	0	0	0	0	44	94	000	0	0	09	13	98	02	0	533	77	0	0	9	0	0	49	69	—	—	—	—	1.1	—	3.8	—
	Dalbandin	000	0	0	31	03	98	02	0	491	94	0	0	0	0	0	22	97	000	0	0	31	03	98	02	0	475	61	0	0	9	0	0	36	54	+	7	+	3	1.3	+ 1.0	2.7	—
Kalat	Kalat	000	0	0	18	05	98	00	0	461	75	0	0	0	0	0	50	80	000	0	0	18	05	98	00	0	485	57	0	0	9	0	0	17	46	+	3	+	4	1.2	—	12.9	—
	Panjgur	000	0	0	27	02	98	02	0	483	99	0	0	0	0	0	23	83	000	0	0	09	05	98	02	0	480	64	0	0	9	0	0	27	60	+	16	+	4	2.0	—	5.0	—
Afghanistan	Kabul																																							
	Kandhar																																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sinathedan	63 174	66 100	0 00 00	99 0 20	08 978	00 9 00	66 4 09	...	00 4 75	10 0 x0
Mersey Lloyd	62 257	57 286	1 13 02	98 0 20	10 685	12 5 00	87 2 14	...	05 3 74	11 3 20
Daressa	63 217	69 406	0 34 09	98 0 20	09 285	00 9 00	75 4 09	...	00 7 81	...
Caltex Paris	63 131	60 506	3 22 09	98 0 20	05 279	31 4 00	...	...	05 4 72	12 2 21
Caltex Parnis	63 212	59 242	7 22 01	98 0 00	08 986	00 9 00		...	05 2 67	12 2 21
Cheverney	63 703	49 812	0 10 39	98 0 20	11 283	00 9 00	26 4 05	...	05 3 72	10 0 x0
Rovuma	63 138	56 618	0 20 08	97 0 00	99 081	00 9 00	24 6 10	...	00 0 79	12 0 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_d$	1000 mb $HHHTTTT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	008 252 235	076 238 212	...	145 182 132	...	311 062 002	435 515 558	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	004 252 222	061 242 205	...	146 212 058	...	312 098 572	438 505 998	582 568 998	753 670 990	964 802	245 002	425 098	669 245
Lahore ...	00 00	983 270 170	058 xxxxxx	...	146 242 112	...	317 148 072	461 065 065	593 510 990	768 615 995	984 712	...	...	...
Multan ...														
Peshawar ...	00 00	965 222 102	...	...	142 232 122	...	314 158 012	442 078 588	590 002 655	765 595 995	983 712	273 875	...	...
Quetta ...	00 00	831 155 502	...	...	...	...	314 102 578	440 505 615	583 580 990	754 670 990	966 730	263 795	476 865	768 940

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_d$									Max. Height Reached $PPPTTTT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 200 160	800 138 092	625 002 545	304 162 545	010 210 560	...	...		...	010 210 560	...	...
Jiwani ...													
Karachi ...	00 00	900 228 072	802 172 522	...	...	...	...	...	...	...	800 172 522	...	...
Lahore ...	00 00	900 252 122	800 220 100	...	...	...	...	...	...	...	800 220 100	...	...
Multan ...													
Peshawar ...	00 00	925 245 152	900 245 152	800 222 095	350 652 995	250 778 995	180 925 995	010 000 900	...	...	010 000 900	...	...
Quetta ...	00 00	800 155 502	790 155 502	...	...	...	...	...	...	...	790 155 502	...	...

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

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

UPPRE WIND DATA*

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

Height in Kms. a.s.—l	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	29 03	24 03	23 04	23 03	...	...	...	...	...
Chaklala ...	...	31 06	31 08	28 07	20 05	09 04	27 08	24 13	23 23
Chhor ...	25 06	34 02	06 02	06 04	05 07	32 08	24 02	28 05	20 07
Chittagong ...	35 09	25 10	22 09	...	...	...	...	...	...
Cox's Bazar ...	18 12	18 10	17 13	16 17	...	...	...	...	...
Dacca ...	18 07	14 04	15 04	13 06	07 06	19 06	15 08	15 10	15 13
Dalbandin ...	...	...	12 06	11 07	11 06	06 09	04 15	33 07	30 16
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 27	26 07	18 10	17 06	...
Fort Sandeman ...	...	...	...	30 01	29 06	19 14	29 11	26 20	...
Jacobabad ...	22 02	20 04	17 05	29 02	29 03	20 04	34 12	35 09	36 11
Jessore ...	14 12	14 13	15 15	15 14	13 11	...	...	...	...
Jhelum ...	29 03	32 04	32 07	32 11	32 07	31 04	20 15	22 14	24 11
Jiwani ...	25 11	26 11	28 09	31 19	01 05	07 19	36 05	31 14	33 11
Karachi ...	27 12	25 08	22 06	15 05	12 07	09 12	01 15	36 11	33 08
Khanpur ...	24 04	24 05	24 04	15 01	03 06	01 07	27 03	30 08	30 08
Lahore ...	34 04	33 08	33 08	32 08	31 05	19 16	18 07	17 06	21 05
Multan ...	16 08	16 09	16 08	09 05	03 02	36 39	32 10	27 13	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	06 05	01 03	36 07	33 10	26 09	30 11
Peshawar ...	...	01 03	04 03	15 01	23 04	31 06	xx 12	30 14	27 17
Quetta ...	...	...	...	...	...	02 04	06 06	32 09	30 17
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 10	28 15	29 17	28 09	29 07	34 06	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

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

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

Height in Kms. a.s.—l	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	15 10	15 09	16 11	14 10	16 13	...	...	...	...	...	...
Chaklala ...	...	24 03	25 03	28 07	32 05	33 04	33 18	32 09	27 13	24 22	26 07
Chhor ...	33 07	30 05	34 04	05 07	05 05	09 15	36 09	01 10	03 06	...	...
Chittagong ...	24 10	11 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	13 08	13 09	14 08	16 08	16 09	18 12	...	...	...	...	...
Dalbandin ...	...	...	[illegible]	25 03	28 03	04 05	05 18	02 21	01 20	01 18	30 26
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	07 02	18 03	24 10	24 17	25 18	25 15	...
Fort Sandeman ...	...	...	...	25 02	31 05	02 07	32 07	33 08	34 12	...	...
Jacobabad ...	20 03	23 04	23 05	24 05	08 02	04 10	35 15	28 22	28 20		...
Jessore ...	13 06	13 10	...	...	...	...	...	...	...	...	...
Jhelum ...	27 01	31 04	30 05	28 06	30 05	30 12	32 09	26 10	23 20	24 25	25 58
Jiwani ...	25 12	27 11	28 07	02 05	02 10	...	...	...	...	...	...
Karachi ...	28 06	23 06	33 03	34 03	02 11	04 15	03 07	36 09	36 03	34 11	26 14
Khanpur ...	24 11	26 13	26 12	25 07	32 09	01 07	35 06	29 12	29 19	...	...
Lahore ...	32 05	31 08	31 08	33 05	32 06	24 08	22 09	18 10	20 11	23 15	...
Multan ...	17 09	18 11	18 10	xx xx	30 03	01 07	28 08	25 16	26 21	28 25	26 27
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 06	03 07	04 16	03 28	29 02	30 12	30 23	28 23
Peshawar ...	...	07 04	02 02	34 04	31 03	29 03	29 08	28 16	29 17	...	...
Quetta ...	...	...	...	...	34 05	35 19	35 21	30 13	28 13	24 06	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 04	08 01	...	...	...	...	...	...	...	...	29 25
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

12 917 01 0xx

00 917 00 903

Height in g. p. kms. a.s.—l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	18 07	18 03	16 03	16 08	17 18	16 04	13 04	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	27 10	31 14	35 10	35 02	11 08	04 19	03 06	01 10	31 08	27 14	25 13	27 13	16 27	17 15	22 14	20 06	...	...
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

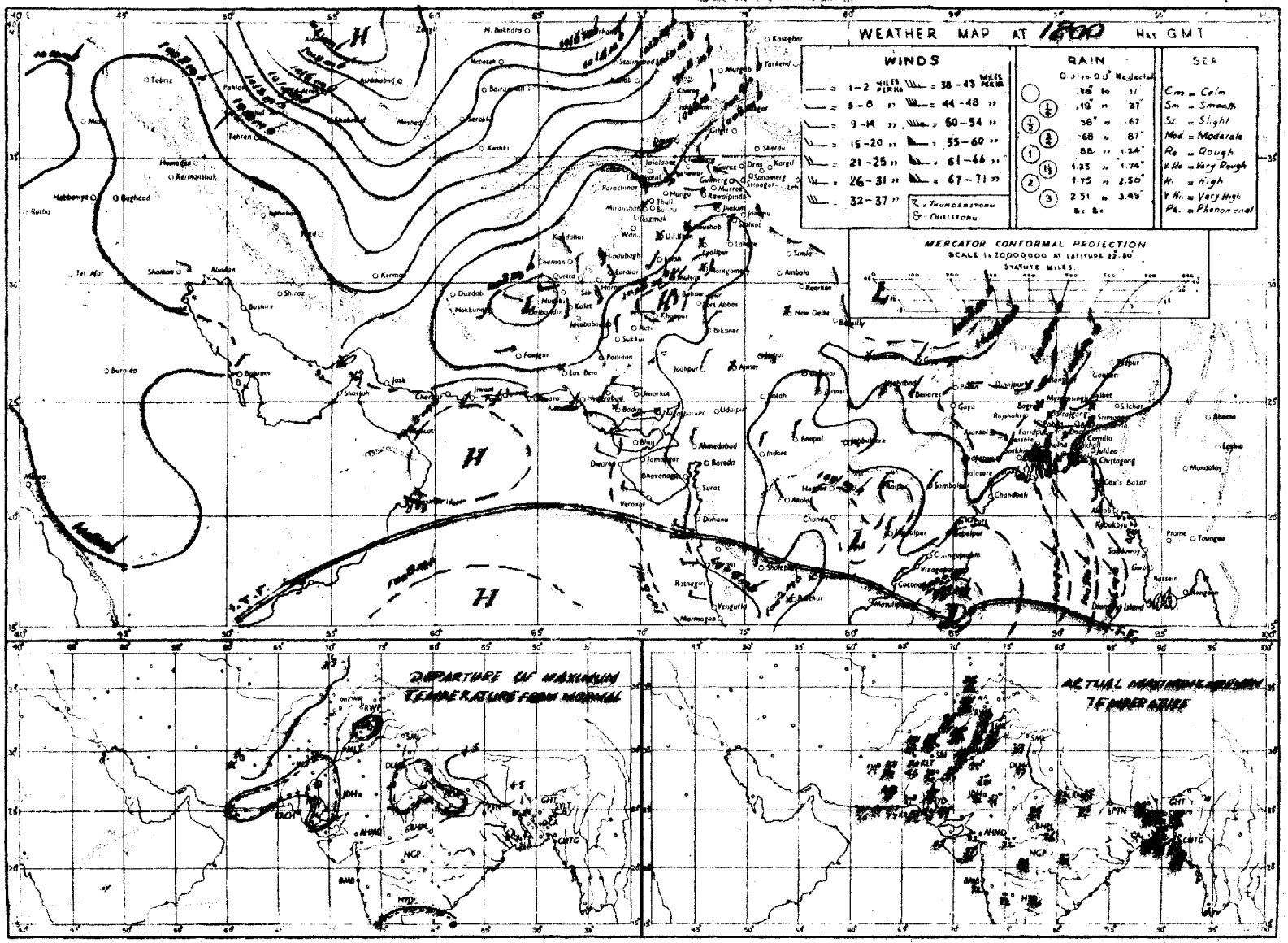
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

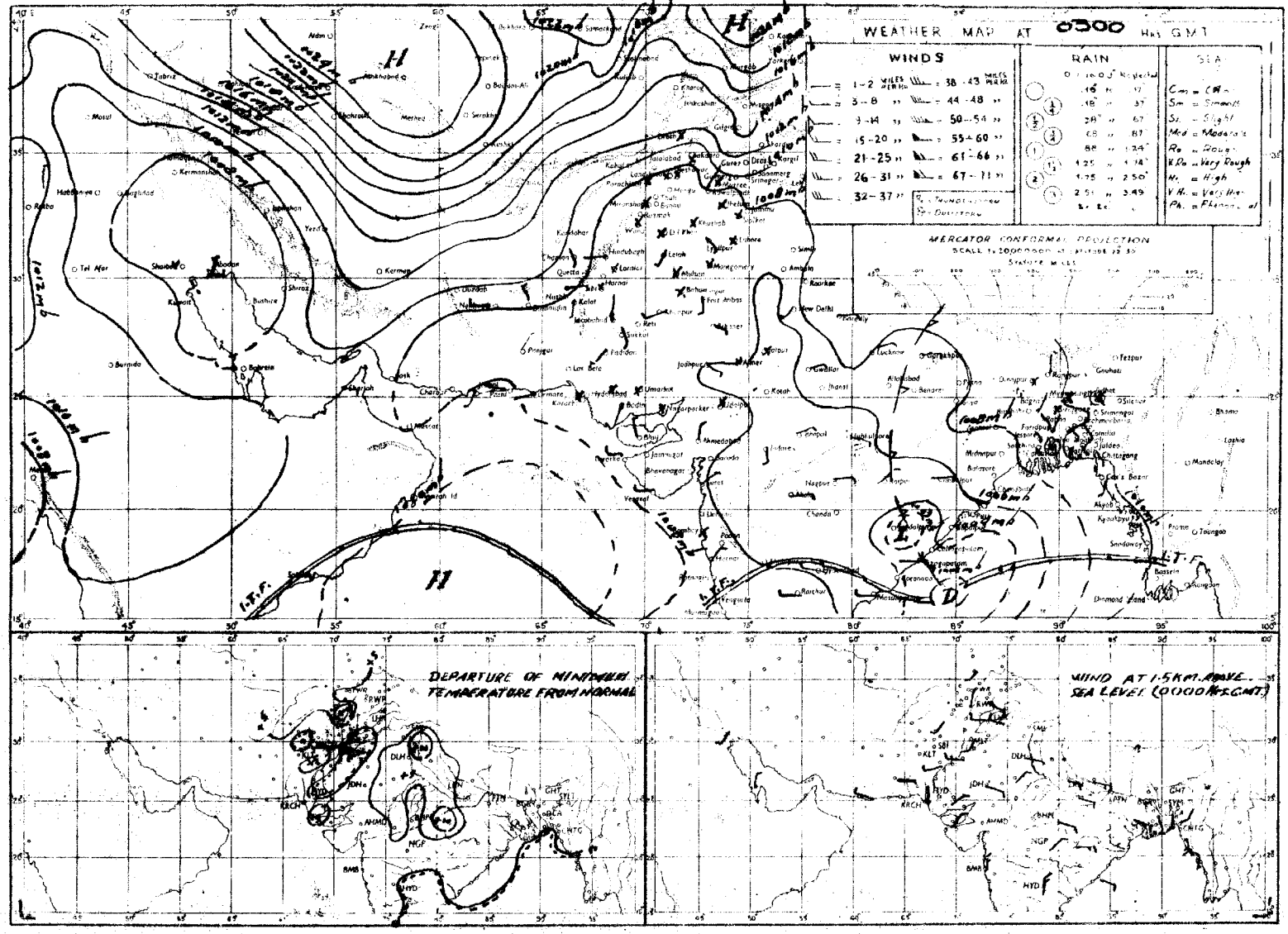
FRIDAY, 6th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 7th OCTOBER, 1961.



Rainfall amounts indicated in the above chart refer to a period of 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 8th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved Westnorthwestwards and lay close to Vizagapatam last evening. Thereafter it crossed coast weakened and now lies as a well marked low over Eastern Hyderabad Daccan.

Thunderstorm or light showers have occured locally in Dacca and Chittagong divisions.

A westerly low pressure wave is moving across Peshawar division and adjoinig areas. It has caused scattered thunderstorm with light showers over there.

Day temperatures 6–8 °F above normal in Peshawar, Quetta, Kalat, Hyderabad and Rawalpindi divisions and 3–4°F so in Sargodha division.

Forecast vaild until the evening of 9th October, 1961:- Local thunderstorm/showers will occur in Chittagong division scattered elsewhere in East Pakistan and in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 8th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	Heigh Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	9	18	05	xx	00	2	069	86	9	x	0	x	x	76	92
	Cox's Bazar	000	0	6	23	09	xx	02	2	065	83	4	3	5	3	8	79	87
	Chittagong	000	0	4	23	05	96	02	1	063	83	1	2	7	1	4	75	90
	Maijdee Court	000	9	3	00	00	95	03	0	060	95	3	0	9	3	0	78	89
	Comilla	0C0	0	4	00	00	96	02	2	052	85	4	4	6	0	0	78	90
	Brahmanbaria	000	0	4	05	03	96	03	1	063	83	2	1	5	0	2	77	87
	Sylhet	002	6	3	00	0J	xx	02	6	062	79	2	5	6	1	1	76	83
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	C00	0	4	13	02	97	01	1	060	84	0	0	9	0	4	77	90
	Narayanganj	0C0	9	6	00	00	xx	03	9	053	84	2	4	4	0	8	76	89
	Dacca (Tezgaon)	0C0	0	4	00	00	98	02	2	056	83	1	1	6	0	1	76	60
	Faridpur	005	4	3	16	02	96	02	6	056	84	2	4	7	1	0	77	89
Khulna	Barisal	000	0	2	00	00	97	02	0	C53	87	2	0	9	8	0	77	91
	Khulna	000	0	2	00	00	96	01	1	090	84	0	5	6	0	0	76	88
	Satkhira	000	0	6	00	00	96	03	1	C53	86	4	4	6	3	x	77	92
	Jessore	000	0	6	18	02	96	02	2	056	84	4	4	5	6	0	77	89
Rajshahi	Pabna	000	0	5	00	00	xx	01	1	049	86	1	1	7	0	8	78	89
	Sirajganj	000	0	1	00	00	97	02	1	048	84	1	1	4	0	0	78	96
	Bogra	000	0	3	00	00	96	02	0	051	86	3	1	6	9	9	79	90
	Dinajpur	000	0	0	00	00	95	C0	0	051	87	0	0	9	0	0	77	95
	Rangpur	000	0	3	00	00	96	01	1	052	81	3	0	9	1	0	76	90
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	028	93	0	0	9	0	0	65	97
	Sialkot	000	0	0	C0	00	97	L0	0	023	93	0	0	9	0	0	65	96
Rawalpindi	Jhelum	000	0	1	00	00	97	07	0	021	92	1	1	8	0	0	66	96
	Rawalpindi	000	0	1	31	02	99	30	0	022	88	1	1	8	0	0	62	93
	Campbellpur	C00	0	0	C0	00	98	00	0	023	95	0	0	9	0	0	62	95
Sargodha	Khushab	000	0	0	36	02	99	00	0	030	98	0	0	9	0	0	75	01
	Lyallpur	000	0	0	00	00	96	00	0	030	98	0	0	9	0	0	57	98
Multan	Montgomery	000	0	0	00	00	97	00	0	034	93	0	0	9	0	0	67	00
	Multan	000	0	0	00	00	98	02	0	024	97	0	0	9	0	0	51	01
	Leiah	000	0	0	23	02	97	00	0	021	93	0	0	9	0	0	61	99
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	023	94	0	0	9	0	0	61	97
	Bahawalpur	000	0	0	0C	00	98	00	0	(25	94	0	0	9	0	0	60	01
	Fort Abbas	000	0	0	00	00	98	00	0	037	94	0	0	9	0	0	59	02
Peshawar	Chakdara	000	0	0	09	02	98	00	0	030	82	0	0	9	0	0	57	91
	Peshawar	000	0	1	05	02	97	01	0	017	89	0	[illegible]	9	0	1	61	92
	Haripur	0C0	0	2	30	12	97	01	0	014	92	2	1	6	0	0	69	94
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	015	93	0	0	9	0	0	41	55
	D. I. Khan	000	0	0	00	00	98	00	0	017	91	0	0	9	0	0	70	98
Quetta	Sibi	000	6	0	13	02	97	30	0	020	02	0	0	9	0	0	39	04
Kalat	Nokkundi	000	0	0	34	05	98	02	0	031	95	0	0	9	0	0	47	98
	Turbat	000	0	0	27	04	98	(0	0	028	02	0	0	9	0	0	66	03
	Jiwani	000	0	0	23	10	97	02	0	062	66	0	0	9	0	0	71	88
	Pasni	000	5	0	25	14	97	07	4	051	85	0	0	9	0	0	78	90
Karachi Division	Ormara	000	0	0	27	09	96	00	0	044	64	0	0	9	0	0	83	87
	Las Bela																	
	Karachi (Manora)	000	0	0	27	14	98	03	0	043	86	0	0	9	0	0	70	89
	Karachi (Air Port)	000	0	0	23	09	97	01	0	044	88	0	0	9	0	0	73	91
Hyderabad	Nagarparkar	000	0	0	36	02	97	00	0	029	98	0	0	9	0	0	61	00
	Umerkot	000	0	0	27	01	98	22	0	030	99	0	0	9	0	0	78	00
	Hyderabad	000	0	0	23	02	97	02	0	(42	98	0	0	9	0	0	55	04
	Badin	000	0	0	23	02	97	00	0	(54	98	0	0	9	0	0	60	02
Khairpur	Pad-i-dan	000	0	0	18	02	97	02	0	036	00	0	0	9	0	0	48	02
	Nawabshah	000	0	0	16	02	97	07	0	049	98	0	0	9	0	0	54	02
	Sukkur	000	0	0	25	02	98	22	0	026	97	0	0	9	0	0	63	02
	Kashmore	000	0	0	00	00	99	g0	0	028	95	0	0	9	0	0	73	94
	Jacobabad	000	0	0	18	02	97	02	0	029	98	0	0	9	0	0	69	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	99	00	0	465	64	0	0	9	0	0	48	72
Peshawar	Drosh *	000	6	7	23	01	96	03	2	458	78	7	5	7	0	0	53	80
	Cherat *	000	0	0	23	07	98	00	0	464	80	0	0	9	0	0	xx	83
	Kakul *	000	6	1	18	05	99	01	0	467	77	1	2	6	0	0	44	83
	Landi Kotal *	000	0	0	13	03	97	00	0	452	82	0	0	9	0	0	57	87
	Parachinar *	000	0	4	13	01	99	00	0	496	72	4	0	9	4	2	68	81
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	456	88	0	0	9	0	0	49	91
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	34	02	99	02	0	472	89	0	0	9	0	0	35	89
	Hindubagh *	000	0	0	29	10	97	00	0	440	82	0	0	9	0	0	44	83
	Loralai *	000	0	5	18	02	99	00	1	410	81	0	0	8	1	2	52	88
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	000	0	0	31	02	98	00	0	465	80	0	0	9	0	0	41	82
	Chaman *	000	0	0	27	03	98	00	0	465	87	0	0	9	0	0	34	89
	Nushki *	000	0	0	27	05	98	02	0	532	94	0	0	9	0	0	56	95
	Dalbandin *	000	0	0	23	05	98	02	0	494	96	0	9	9	0	0	36	99
Kalat	Kalat *	000	0	0	34	07	98	00	0	451	75	0	0	9	0	0	50	80
	Panjgur *	000	0	0	31	L2	98	02	0	482	91	0	0	9	0	0	15	95
Afghanistan	Kabul *																	
	Kandhar *																	

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

STATIONS	Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	004	9	3	18	03	99	03	9	113	82	1	4	5	3	1	75	78	—	—	—	—	—	—
Cox's Bazar	000	0	4	20	05	97	01	1	096	85	2	2	6	3	8	77	76	0	+ 1	159.9	+48.0	172.9	140
Chittagong	000	0	4	C9	13	97	03	1	102	85	3	4	6	0	3	76	78	+ 3	+ 3	120.9	+41.2	161.9	108
Maijdee Court	000	3	6	05	05	97	03	2	101	85	4	2	6	2	0	78	79	+ 2	+ 3	—	—	—	115
Comilla	000	0	3	00	00	97	01	1	088	84	3	2	7	0	0	78	77	+ 1	+ 2	—	—	—	94
Brahmanbaria	000	0	4	13	03	97	(3	1	100	85	3	4	5	0	1	76	78	—	—	—	—	—	78
Sylhet	009	9	3	09	02	96	01	6	098	82	4	8	6	0	0	75	75	—	—	97.8	—	—	—
Srimangal	007	8	8	00	0	93	02	6	xxx	75	8	4	3	0	0	73	xx	—	—	—	—	—	98
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					91
Narayanganj	00r	9	5	00	00	96	03	1	111	85	5	4	4	0	0	76	78	0	+ 1	56.8	+ 6.9	61.0	74
Dacca (Tezgaon)	000	4	5	18	02	97	02	1	095	84	5	8	5	0	1	75	77	—	—	56.5	—	80.1	—
Faridpur	005	0	4	16	02	97	01	1	100	84	3	3	7	0	0	77	77	+ 1	0	45.1	— 3.3	72.8	71
Barisal	000	9	6	00	00	97	02	2	099	88	6	0	9	4	0	77	79	+ 3	+ 2	60.0	+ 1.9	84.5	81
Khulna	C00	0	5	00	00	96	01	1	093	84	5	5	5	0	0	77	77	0	+ 2	42.6	— 7.4	54.3	68
Satkhira	000	0	6	00	00	97	03	1	096	85	3	4	6	1	0	79	76	+ 3	+ !	34.1	—13.5	55.7	65
Jessore	C00	C	7	18	03	97	03	2	093	82	5	4	6	6	0	78	77	— 1	0	43.6	— 1.4	54.6	65
Pabna	000	0	2	13	C5	98	03	1	095	85	2	1	6	0	0	78	79	—	—	34.4	—	38.8	57
Sirajganj	0'0	0	1	C0	00	98	02	1	094	85	1	1	5	0	0	78	77	+ 8	+ 1	33.7	—12.8	47.0	64
Bogra	000	0	5	23	02	96	03	0	095	84	4	5	6	0	8	77	78	+ 1	+ 3	40.8	—1 .7	48.4	69
Dinajpur	000	0	4	00	00	96	02	2	092	86	4	0	9	4	0	77	78	+ 6	+ 3	36.7	—20.8	51.2	72
Rangpur	C00	0	4	05	02	96	01	2	097	83	3	5	6	1	0	78	76	+ 1	+ 1	53.6	—10.2	39.8	84
Jummu																							
Lahore (Jail Rd.)	C00	0	0	13	02	96	02	0	080	70	0	0	9	0	0	70	71	+ 2	+ 6	35.5	+20.9	50.2	19
Sialkot	000	0	0	00	00	97	C0	0	079	78	0	0	9	0	0	68	73	+ 2	+ 7	28.1	— 4.4	35.3	32
Jhelum	C00	0	0	13	C2	97	02	0	080	78	0	0	9	0	0	68	71	—	—	21.7	—	33.5	—
Rawalpindi	000	0	2	00	00	98	03	0	084	75	2	0	9	4	0	58	67	+ 2	+ 7	36.6	+12.9	51.4	36
Campbellpur	000	0	4	00	00	98	01	1	068	78	0	0	9	4	0	62	68	—	—	10.8	—	11.8	—
Khushab	C00	0	0	09	02	99	00	0	080	74	0	0	9	0	0	63	68	+ 4	+ 1	7.1	— 3.2	11.1	15
Lyallpur	0C0	0	0	L7	02	96	00	0	064	73	0	0	9	0	0	68	71	+ 3	+ 6	10.9	+ 1.6	13.9	12
Montgomery	(00	0	0	13	03	96	02	0	065	76	0	0	9	0	0	67	69	+ 1	+ 1	4.6	— 2.9	10.1	10
Multan	C00	0	0	00	00	98	02	0	055	79	0	0	9	0	0	57	76	+ 4	+ 9	5.5	+ 0.6	7.6	7
Leiah	0C0	0	0	23	02	97	00	0	054	76	0	0	9	0	0	63	65	—	—	9.3	—	10.4	8
Khanpur	C00	0	0	20	05	96	02	0	059	77	0	0	9	0	0	63	67	— 1	0	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	00	00	98	C0	0	054	84	0	0	9	0	0	65	68	+ 4	+ 3	3.0	— 1.2	4.9	6
Fort Abbas	C00	0	0	20	02	98	(0	0	059	82	0	0	9	0	0	70	71	—	—	3.1	—	3.1	6
Chakdara	000	0	0	26	02	97	00	0	074	71	0	0	9	0	0	50	60	—	—	12.2	—	25.3	—
Peshawar	000	2	6	05	03	97	01	6	074	75	4	5	6	3	0	63	67	— 1	+ 4	7.5	+ 3.1	16.6	11
Haripur	000	L	0	13	03	97	0J	L	105	81	0	0	9	0	0	64	65	—	—	27.6	—	38.5	—
Bannu	000	0	0	00	00	99	00	0	065	76	0	0	9	0	0	57	69	—	—	5.5	—	12.9	11
D. I. Khan	000	0	0	05	02	98	00	0	065	79	0	0	9	0	0	57	68	+ 2	+ 3	5.1	— 0.4	7.4	9
Sibi	0'0	0	0	00	00	94	05	4	064	77	0	0	9	0	0	54	70	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	27	02	98	02	0	120	69	0	0	9	0	0	39	65	—	—	0.1	—	1.0	2
Turbat	C00	0	C	27	01	96	C0	0	072	82	0	0	9	0	0	72	xx	—	—	4.6	—	11.3	—
Jiwani	003	0	2	23	02	96	03	0	085	41	2	6	5	0	0	75	77	—	—	0.3	—	3.8	5
Pasni	000	0	0	29	07	97	00	0	071	79	0	0	9	0	0	74	xx	— 1	—	2.0	+ 1.1	5.4	6
Ormara	000	0	0	31	03	96	00	0	069	79	0	0	9	0	0	79	77	—	—	4.4	+ 3.6	9.9	6
Las Bela																							8
Karachi (Manora)	000	0	0	00	C0	97	02	0	064	79	0	0	9	0	0	73	77	+ 2	+ 2	9.7	+ 3.7	9.8	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	072	81	0	0	9	0	0	77	74	—	—	21.2	—	24.6	—
Nagarparkar	000	0	C	31	03	97	(0	0	055	80	0	0	9	0	0	69	xx	—	—	26.1	—	27.3	—
Umerkot	0'0	0	0	x	00	97	02	0	060	78	0	0	9	0	0	74	70	—	—	15.9	—	18.0	7
Hyderabad	000	0	0	00	C0	97	02	0	064	78	0	0	9	0	0	72	74	+ 4	+ 1	12.0	+ 6.0	12.9	9
Badin	000	0	0	23	02	97	(0	0	077	80	0	0	9	0	0	77	78	+ 6	+ 8	14.0	+ 6.6	14.8	
Pad-i-dan	000	0	0	13	02	97	02	0	059	78	0	0	9	0	0	65	66	—	—	9.6	—	11.1	—
Nawabshah	000	0	0	00	0J	97	02	0	057	76	0	0	9	0	0	67	68	—	—	0.6	—	8.3	4
Sukkur	00C	0	0	13	02	97	02	0	056	82	0	0	9	0	0	68	72	—	—	1.1	—	2.2	—
Kashmore	000	0	0	00	C0	99	00	0	063	78	0	0	9	0	0	62	67	—	—	1.7	—	1.7	4
Jacobabad	000	0	0	L0	00	97	02	0	057	79	0	0	9	0	0	68	73	+ 1	+ 5	4.6	+ 4.1	8.3	20
Veraval																							
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	7	13	05	97	02	1	470	57	5	5	4	0	0	43	53	+ 4	+ 1	46.4	+10.1	67.0	59
Drosh *	005	9	3	00	00	98	03	9	496	60	2	1	7	3	0	45	59	+ 8	+ 3	4.2	—	21.1	18
Cherat *	003	0	5	05	07	98	03	1	471	69	5	7	6	0	0	53	61	+ 2	0	14.5	+ 2.4	32.6	29
Kakul *	006	2	5	23	02	99	97	9	496	62	5	4	6	0	0	47	61	—	—	31.4	—	34.6	—
Landi Kotal *	000	0	2	00	00	97	01	0	478	74	2	2	7	0	0	55	65	—	—	4.0	—	13.7	—
Parachinar *	000	0	0	00	00	99	00	0	488	62	0	0	9	0	0	61	58	+ 5	+ 7	17.6	—	28.2	29
Miranshah *	000	0	0	00	00	99	00	0	468	72	0	0	9	0	0	44	66	—	—	3.1	—	7.7	13
Wana *	0C0	0	0	00	00	99	00	0	509	59	0	0	9	0	0	41	55	—	—	3.0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	99	C2	0	493	65	0	0	9	0	0	39	61	+ 4	+ 4	5.1	+ 0.1	11.2	11
Hindubagh *	000	2	0	25	09	97	C0	0	476	66	0	0	9	0	0	45	39	—	—	0.7	—	3.6	—
Loralai *	C00	0	0	29	C2	99	00	0	388	68	0	0	0	0	0	41	45	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	0	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
Quetta *	000	0	0	00	C0	96	00	0	483	62	0	0	9	0	0	32	49	+ 5	+ 4	1.6	0.6	6.2	9
Chaman *	000	0	0	13	05	98	C0	0	489	72	0	0	9	0	0	28	61	+ 8	+ 8	0.7	+ 0.5	6.3	8
Nushki *	000	0	0	31	05	98	02	0	537	60	0	0	9	0	0	43	65	—	—	1.1	—	3.8	—
Dalbandin *	000	0	0	02	02	97	02	0	500	67	0	0	9	0	0	35	60	+ 9	+ 9	1.3	+ 1.0	2.7	4
Kalat *	000	0	0	18	03	98	00	0	483	57	0	0	9	0	0	37	46	+ 3	+ 4	1.2	0.0	12.9	7
Panjgur *	000	0	0	05	02	98	02	0	484	73	0	0	9	0	0	34	63	+ 8	+ 7	2.0	—	5.0	6
Kabul *																							13
Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 8th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sirdhana	73 253	54 600	0 32 10	98 0 20	04 088	00 9 00	25 6 13	...	05 1 xx	13 2 22
Daressa	73 247	66 018	0 28 09	98 0 20	06 983	00 9 00	65 2 10	...	00 0 79	...
Isomaru	73 218	62 618	1 26 08	99 0 20	11 081	14 5 00	35 4 00	...	00 0 75	12 6 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($PPPTTTT_dT_dT_d$)	1000 mb ($HHHTTTT_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	009 265 253	...	...	140 102 118	...	310 048 578	434 005 625	578 585 995	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	004 262 238	055 245 222	...	142 199 089	...	312 095 995	438 022 998	583 565 995	754 658 995	964 795	246 008	422 175	660 278
Lahore ...	00 00	984 265 192	066 xxxxxx	...	145 230 160	...	318 152 092	472 095 062	596 040 990	775 518 995	001 600	310 710	528 772	830 858
Multan ...														
Peshawar ...	00 00	965 225 135	...	...	143 212 075	...	311 098 252	437 508 605	579 620 700	747 722 998	953 838	230 942	...	...
Quetta ...	00 00	831 162 008	...	...	...	...	315 092 525	440 005 995	584 605 995	751 745 995	954 905	220 088	397 190	...

STATION	Time of ascent in G.M.T	At Significant Levels ($PPPTTTT_dT_dT_d$)									Max. Height Reached ($PPPTTTT_dT_dT_d$)	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 205 162	800 122 032	...	...	...	...	...		...	800 122 032	...	...
Jiwani ...													
Karachi ...	00 00	930 245 112	...	...	...	...	...	...	...	...	908 245 112	...	...
Lahore ...	00 00	800 200 140	...	...	...	...	...	...	...	...	800 200 140	...	...
Multan ...													
Peshawar ...	00 00	900 728 105	825 205 055	800 185 035	...	—	...	...	...	...	800 185 035	...	...
Quetta ...	00 00	805 185 165	800 178 608	...	...	...	...	...	...	...	800 178 608	...	...

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

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

UPPRE WIND DATA*

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

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	17 12	18 06	18 08	17 12	17 11	20 03	25 03	...	...
Chilas ...	...	31 05	29 04	28 04	30 05	34 09	32 08	30 22	26 25
Chitral ...	25 05	28 04	29 04	35 05	01 05	01 10	32 06	18 04	26 04
Chittagong ...	23 08	26 08	20 07	15 10	11 12	13 16	12 11	09 12	09 12
Cox's Bazar ...	20 16	18 10	14 09	11 11	14 14	...	...	...	...
Dacca ...	17 08	17 10	17 10	17 10	17 09	15 11	17 06	20 03	21 09
Dalbandin ...	...	...	26 01	06 03	05 01	29 03	34 03	32 21	31 28
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 11	20 11	...	...	...
Fort Sandeman ...	...	...	...	35 05	27 06	29 10	36 16	30 27	29 34
Jacobabad ...	22 07	23 08	23 08	24 07	01 03	03 17	35 18	33 28	33 21
Jessore ...	11 05	13 09	15 10	16 10	...	...	...	...	...
Jhelum ...	10 01	03 04	01 04	29 11	31 14	33 16	30 07	30 11	31 xx
Jiwani ...	24 15	26 13	27 07	03 06	03 14	06 12	02 12	01 12	...
Karachi ...	24 09	22 08	28 06	35 06	02 13	03 22	01 16	01 11	35 11
Khanpur ...	25 08	26 12	28 14	32 09	35 05	01 00	01 20	36 24	35 18
Lahore ...	28 04	33 06	33 07	32 09	31 12	29 09	33 11	25 15	24 18
Multan ...	15 04	14 03	18 02	35 03	35 05	35 13	32 10	30 16	27 23
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 17	36 10	35 09	02 09	33 15	34 22
Peshawar ...	...	04 04	17 02	18 10	22 07	29 08	28 09	30 25	...
Quetta ...	...	...	...	...	33 10	34 17	35 10	33 14	32 25
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	04 03	31 05	26 07	25 07	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

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

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

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	18 06	19 07	17 07	...	...	...	...	...	...	...	...
Chilas ...	...	08 07	09 06	28 03	26 07	24 07	27 21	27 22	28 31	27 41	...
Chitral ...	31 09	33 06	01 06	07 04	06 15	06 26	03 17	01 15	36 14	...	...
Chittagong ...	18 03	16 03	16 04	15 06	15 07	xx xx	xx xx	15 07	15 07	14 12	12 [illegible]
Cox's Bazar ...	18 08	17 06	24 07	14 12	13 12	...	...	...	...	...	...
Dacca ...	20 06	18 06	19 07	19 12	18 10	17 08	19 11	18 06	18 08	18 06	04 [illegible]
Dalbandin ...	...	...	08 13	12 07	06 07	01 12	34 27	34 25	33 25	30 41	27 [illegible]
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	25 03	26 04	30 03	28 13	29 20	29 29	28 13	...
Jacobabad ...	24 13	25 16	25 12	35 10	34 19	33 07	33 10	33 22	32 27	28 23	27 [illegible]
Jessore ...	15 04	16 05	16 08	...	...	...	...	...	...	...	...
Jhelum ...	08 01	10 06	10 03	27 05	31 07	31 05	29 06	27 15	27 20	...	...
Jiwani ...	29 09	33 07	35 07	03 05	06 04	09 08	06 10	05 15	04 15	25 17	27 [illegible]
Karachi ...	27 04	30 03	34 05	04 06	02 09	03 19	06 23	03 24	02 21	...	...
Khanpur ...	34 07	26 10	26 14	27 15	27 15	34 07	36 08	04 07	...	...	...
Lahore ...	07 02	13 01	09 02	34 04	32 05	31 07	34 13	29 10	31 14	27 33	...
Multan ...	17 07	16 14	16 14	18 07	20 04	25 04	23 06	28 15	30 27	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	03 06	01 09	33 08	27 09	22 13	24 13	...	...	...	...
Quetta ...	...	...	...	...	31 07	33 23	33 29	31 40	31 47	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	16 02	12 02	13 01	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

12 917 01 0xx

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

00 917 00 903

Height in g. p. kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	...	...	...	...	...	...				...							...	...
Dacca ...	18 09	17 07	15 06	15 09	16 10	18 09	20 12	17 12	18 13								...	...
Karachi ...	27 10	30 10	31 08	31 08	03 12	08 21	04 15	02 30	03 25	31 17	24 06	25 08	24 16	25 16	22 14	19 06	...	...
Peshawar ...	...	35 08	38 09	38 09	32 15	30 17	29 06	27 25	28 31	29 33	28 55	28 75	29 15	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

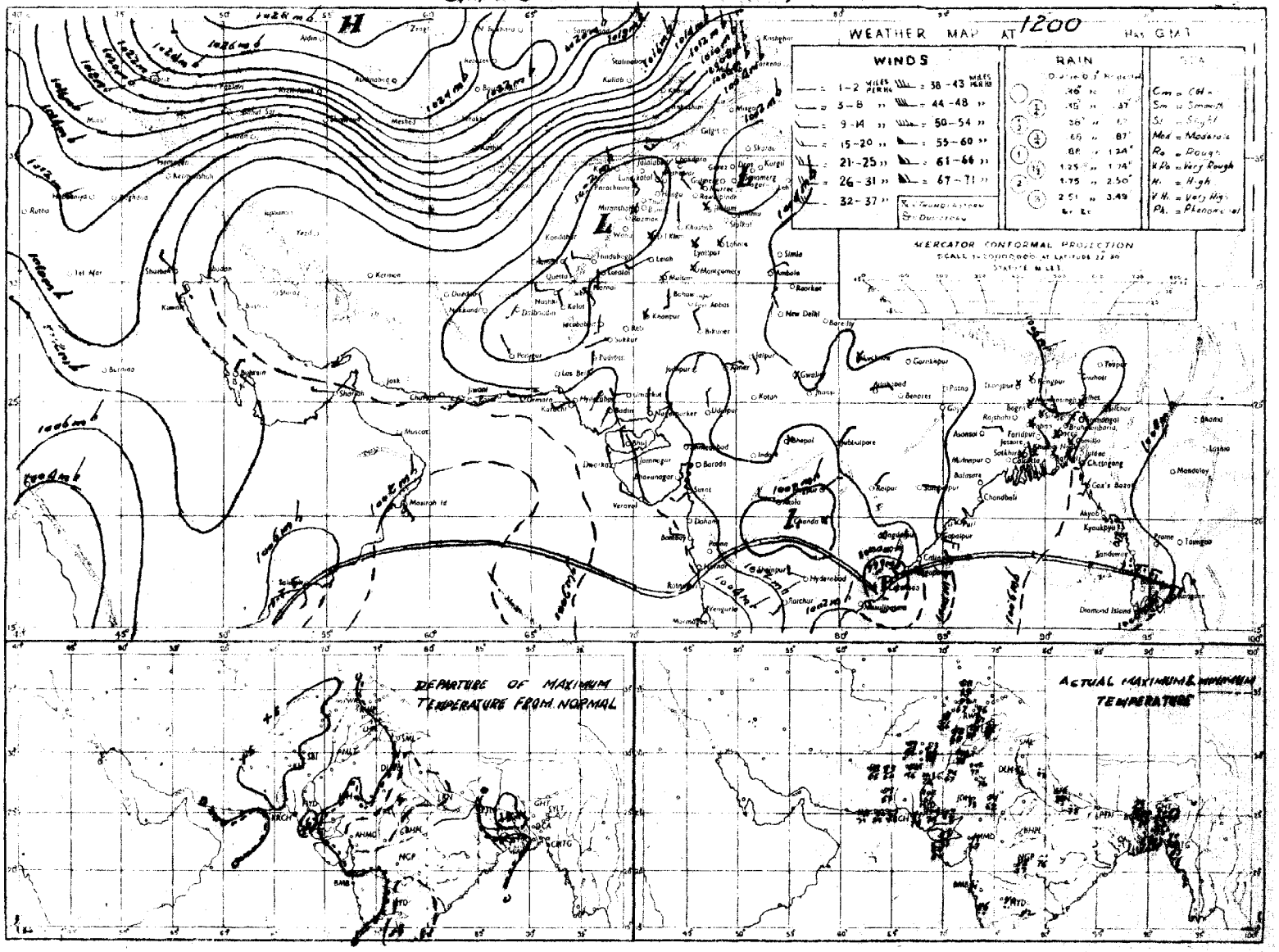
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

00 917 01 4xx

PAKISTAN DAILY WEATHER MAP

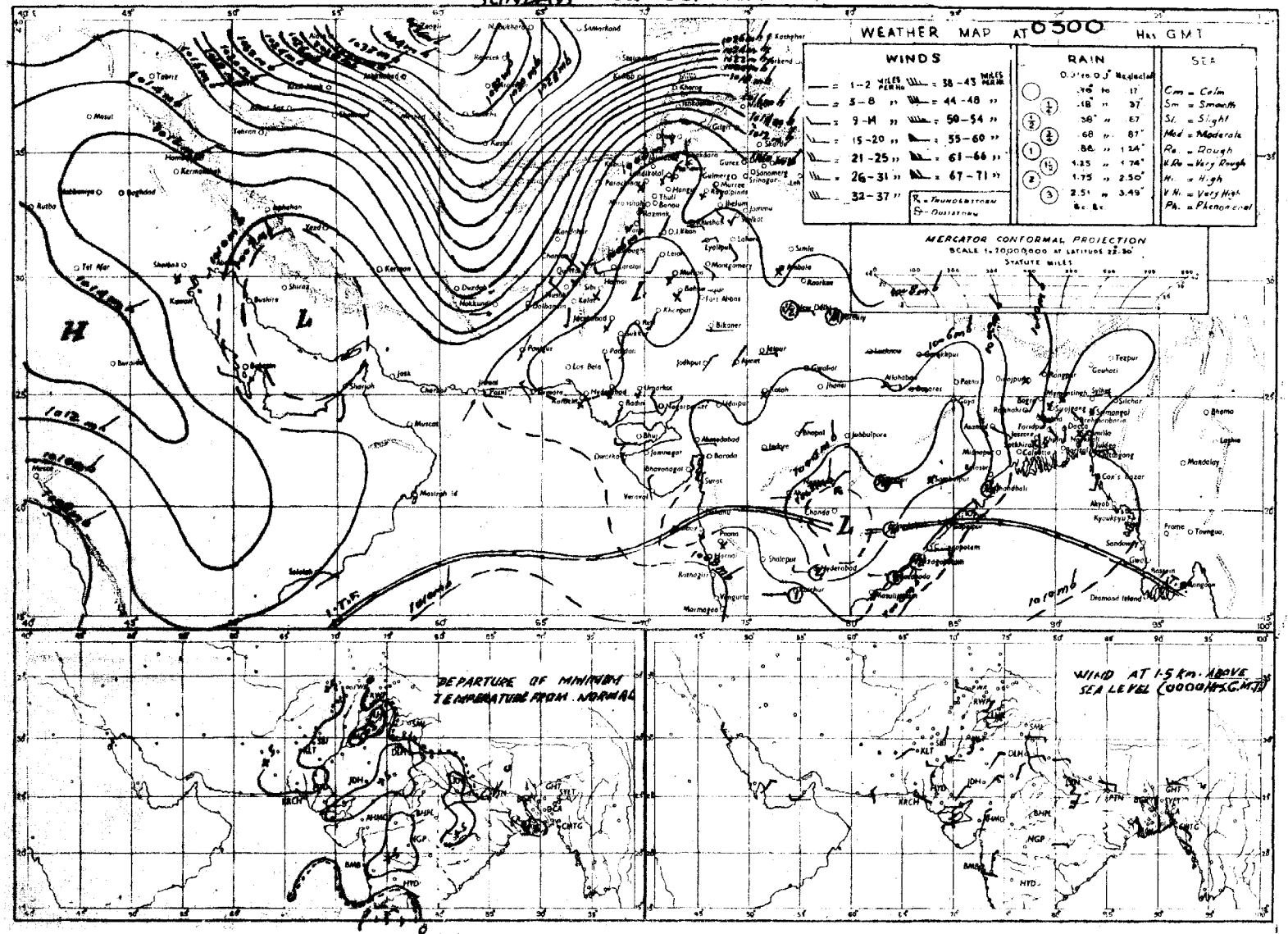
SATURDAY, 7th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 8th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 9th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave is moving away eastwards across Rawalpindi division and Kashmir. Another lies over Peshawar and D. I. Khan divisions. Rain/thundershowers have been fairly widespread in Rawalpindi division and local in Peshawar division.

Observations from Hyderabad (Bharat) are lacking but believe yesterday's well marked low has intensified into a depression with its center at 09,0300 G.M.T. about 40 miles southwest of Adilabad and likely to move westwards.

Local rain/thundershowers have been reported from Chittagong division and light from Rajshahi division.

Chief amounts of rainfall are:-Rangamati, Cox's Bazar, Srimangal and Murree ½" each and Rawalpindi 1/4"

Day temperatures were:- 3–6°F above normal in Hyderabad, Karachi and coastal Kalat divisions.

Forecast vaild until the evening of 10th October, 1961:- Rain/Thundershowers will be fairly widespread in Rawalpindi division and Kashmir with a few moderate falls, local in Peshawar division and scattered in Lahore, Sargodha and Chittagong divisions.

Karachi-11
The 9th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati ...	067	1	9	10	02	xx	97	6	002	76	9	x	0	x	4	76	90
	Cox's Bazar ...	000	0	7	xx	05	96	02	3	008	87	5	3	5	3	8	76	87
	Chittagong ...	000	0	4	10	02	96	02	1	071	83	1	2	7	1	4	74	90
	Maijdee Court ...	000	9	3	10	05	95	02	1	099	95	3	0	9	3	0	76	88
	Comilla ...	000	0	1	00	00	96	01	0	052	84	1	5	7	0	0	72	91
	Brahmanbaria ...	000	0	4	00	00	96	03	1	059	85	2	1	5	0	2	75	89
	Sylhet ...	000	0	4	00	03	xx	03	1	055	83	1	2	6	0	1	76	88
	Srimangal ...	049	3	3	00	00	93	01	6	xxx	84	3	7	4	0	0	83	90
Dacca	Mymensingh ...	000	0	2	00	00	97	01	0	061	87	0	0	9	0	4	75	90
	Narayanganj ...	000	9	4	00	00	xx	03	1	000	84	1	4	4	3	1	76	91
	Dacca (Tezgaon) ...	000	0	4	00	00	98	03	1	054	83	2	9	6	0	1	76	90
	Faridpur ...	000	0	6	16	02	96	02	1	066	85	5	4	6	1	0	78	89
Khulna	Barisal ...	000	0	2	00	00	97	02	1	070	87	2	0	9	8	0	75	91
	Khulna ...	000	0	6	00	00	xx	03	2	068	83	6	5	5	0	0	75	90
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	000	0	5	18	02	96	02	2	057	85	3	4	6	6	0	78	90
Rajshahi	Pabna ...	000	0	1	13	05	98	01	1	052	86	0	0	9	0	1	77	89
	Sirajganj ...	000	0	0	00	00	97	00	1	054	84	0	0	9	0	0	77	90
	Bogra ...	000	0	2	23	02	96	01	0	053	85	0	0	9	0	1	77	91
	Dinajpur ...	000	8	3	00	00	95	01	1	057	86	0	0	9	0	9	77	91
	Rangpur ...	030	0	3	00	00	96	01	1	051	85	1	5	6	2	0	78	90
Kashmir	Jummu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	039	91	0	0	9	0	0	69	94
	Sialkot ...	000	0	0	00	00	99	00	0	029	89	0	0	9	0	0	69	95
Rawalpindi	Jhelum ...	000	0	1	00	00	97	01	0	029	89	0	0	9	1	0	60	94
	Rawalpindi ...	000	0	1	00	00	98	00	0	030	87	1	1	8	0	0	63	93
	Campbellpur ...	000	0	4	00	00	98	01	1	021	88	0	0	9	4	0	59	93
Sargodha	Khushab ...	000	0	0	31	02	99	00	0	031	93	0	0	9	0	0	60	01
	Lyallpur ...	000	0	0	13	02	96	00	0	033	94	0	0	9	0	0	61	94
Multan	Montgomery ...	000	0	0	00	00	96	00	0	036	94	0	0	9	0	0	56	97
	Multan ...	000	0	0	09	02	98	02	0	015	97	0	0	9	0	0	54	00
	Leiah ...	000	0	0	13	04	97	00	0	007	97	0	0	9	0	0	51	00
Bahawalpur	Khanpur ...	000	0	0	23	02	96	02	0	013	96	0	0	9	0	0	66	58
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...	000	0	0	30	02	98	00	0	030	95	0	0	9	0	0	68	00
Peshawar	Chakdara ...	000	0	0	09	02	98	00	0	019	82	0	0	9	0	0	56	87
	Peshawar ...	000	0	7	23	12	97	17	9	028	86	4	9	6	2	1	42	89
	Haripur ...	000	0	0	23	03	97	00	0	016	93	0	0	9	0	0	67	94
D. I. Khan	Bannu ...	000	0	2	13	02	99	10	1	014	91	0	0	9	0	0	56	53
	D. I. Khan ...	000	0	0	00	00	98	00	0	011	97	0	0	9	0	0	71	98
Quetta	Sibi ...	000	0	0	23	05	97	00	0	000	xx	0	0	9	0	0	23	03
Kalat	Nokkundi ...	000	0	0	34	03	98	02	0	064	89	0	0	9	0	0	53	94
	Turbat ...	000	0	1	31	02	97	00	0	022	05	0	0	8	0	9	49	09
	Jiwani ...	000	0	0	27	10	97	02	0	051	69	0	0	9	0	0	75	92
	Pasni ...	000	7	0	20	16	97	05	4	038	88	0	0	9	0	0	77	98
Karachi Division	Ormara ...	000	0	0	25	07	96	00	0	023	68	0	0	9	0	0	81	90
	Las Bela ...																	
	Karachi (Manora) ...	000	0	0	27	12	98	02	0	025	87	0	0	9	0	0	80	90
	Karachi (Air Port) ...	000	0	0	23	07	97	02	0	034	88	0	0	9	0	0	76	93
Hyderabad	Nagarparkar ...	000	0	0	34	01	97	00	0	015	99	0	0	9	0	0	61	01
	Umerkot ...	000	0	0	25	01	98	02	0	016	00	0	0	9	0	0	82	03
	Hyderabad ...	000	0	0	23	02	97	02	0	026	00	0	0	9	0	0	59	05
	Badin ...	000	0	0	23	02	97	00	0	043	96	0	0	9	0	0	67	00
Khairpur	Pad-i-dan ...	000	0	0	36	07	97	02	0	018	00	0	0	9	0	0	45	02
	Nawabshah ...	000	0	0	00	00	97	02	0	021	03	0	0	9	0	0	51	05
	Sukkur ...	000	0	0	27	02	98	02	0	013	00	0	0	9	0	0	69	01
	Kashmore ...	000	0	0	00	00	99	00	0	016	96	0	0	9	0	0	73	93
	Jacobabad ...	000	0	0	18	04	97	02	0	012	00	0	0	9	0	0	76	03
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	031	7	0	00	00	98	00	9	463	63	0	0	9	0	0	47	67
Peshawar	Drosh * ...	006	5	6	00	00	97	29	9	451	70	6	8	7	0	0	:5	81
	Cherat * ...	000	0	8	23	09	98	03	2	471	70	8	7	6	0	0	53	81
	Kakul * ...	000	0	3	00	00	97	00	0	xxx	74	3	4	6	0	0	68	71
	Landi Kotal * ...	000	0	4	23	03	97	03	1	450	75	4	0	9	2	x	51	82
	Parachinar * ...	000	0	6	13	01	98	03	0	496	72	6	0	8	6	0	40	76
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	445	86	0	0	9	0	0	51	89
	Wana * ...	000	0	0	12	03	99	00	0	509	82	0	0	9	0	0	39	67
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	462	86	0	0	9	0	0	45	88
	Hindubagh * ...	000	0	0	27	16	95	00	0	448	77	0	0	9	0	0	23	80
	Loralai * ...	000	0	0	13	02	99	00	0	423	81	0	0	0	0	0	50	88
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta * ...	000	0	0	31	03	96	00	0	505	75	0	0	9	0	0	50	78
	Chaman * ...	000	0	0	27	09	98	00	0	475	82	0	0	9	0	0	34	84
	Nushki * ...	000	0	0	31	05	98	02	0	514	85	0	0	9	0	0	62	86
	Dalbandin * ...	000	0	0	13	07	96	02	0	503	91	0	0	9	0	0	49	94
Kalat	Kalat * ...	000	0	0	31	09	98	00	0	452	69	0	0	9	0	0	39	75
	Panjgur * ...	000	0	0	31	02	97	02	0	494	84	0	0	9	0	0	21	86
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of: Maximum Temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	067	9	3	18	05	99	03	9	126	16	2	4	5	7	0	77	77	—	—	—	—	—	—
	Cox's Bazar	039	9	4	18	05	97	03	6	109	83	4	4	5	0	0	79	75	0	0	160.3	+48.2	173.3	140
	Chittagong	000	0	5	18	05	97	03	1	112	84	5	4	6	0	0	75	77	+ 3	+ 2	120.9	+40.9	161.9	108
	Maijdee Court	005	5	6	13	02	97	02	6	111	79	4	2	6	3	0	76	76	+ 1	0	—	—	—	115
	Comilla	000	0	8	00	00	97	03	2	096	83	8	4	5	x	x	78	80	+ 2	+ 5	—	—	—	94
	Brahmanbaria	000	0	5	18	03	97	03	1	109	83	5	4	5	0	0	76	77	—	—	—	—	—	78
	Sylhet	003	2	6	18	02	96	02	5	102	82	6	8	5	7	1	77	75	—	—	97.8	—	—	—
	Srimangal	049	2	8	23	03	95	03	2	xxx	84	8	7	4	0	0	87	76	— 1	+ 4	—	—	—	98
Dacca	Mymensingh	000	0	4	27	02	97	01	1	108	79	4	4	4	0	0	77	77	+ 2	+ 1	—			91
	Narayanganj	000	9	5	00	00	96	03	2	108	85	5	4	3	0	0	75	78	+ 2	+ 1	56.8	+ 6.8	61.0	74
	Dacca (Tezgaon)	000	0	5	00	00	98	02	0	102	84	5	8	5	0	1	75	77	—	—	56.5	—	80.1	—
	Faridpur	000	0	6	11	02	96	02	1	095	83	5	5	6	1	0	73	77	+ 1	0	45.1	— 3.4	72.8	71
Khulna	Barisal	000	0	3	18	02	97	02	2	109	86	3	4	6	0	0	76	79	+ 3	+ 2	60.0	+ 1.7	84.5	81
	Khulna	000	0	6	00	00	97	03	2	106	84	6	5	5	0	0	77	78	+ 2	+ 3	42.6	— 7.5	54.3	68
	Satkhira	005	9	6	00	00	96	03	2	104	86	4	4	6	3	0	76	77		+ 2	34.1	—13.6	55.7	65
	Jessore	000	0	4	18	02	97	02	2	102	82	1	4	6	0	0	76	76	0	— 1	43.6	— 1.5	54.6	65
Rajshahi	Pabna	006	9	7	18	05	98	03	6	101	86	0	0	9	0	1	76	79	—	—	34.5	—	38.8	59
	Sirajganj	000	0	2	23	02	98	03	1	100	86	2	1	4	0	0	77	77	+ 2	+ 1	33.7	—12.7	47.0	64
	Bogra	000	0	6	23	03	96	03	2	101	83	4	4	5	1	0	77	78	+ 2	+ 3	40.8	—1.8	42.4	69
	Dinajpur	000	3	4	00	00	96	02	2	097	86	4	0	9	4	0	76	79	+ 2	+ 4	36.7	—20.9	51.2	72
	Rangpur	000	0	3	27	02	96	03	0	096	83	2	2	6	1	0	78	76	+ 1	+ 1	53.6	—10.4	59.8	84
Kashmir	Jummu																							
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	085	78	0	0	9	0	0	71	73	— 1	+ 8	35.5	+20.9	50.2	19
	Sialkot	000	1	6	05	03	97	01	5	113	69	6	5	6	x	x	69	66	+ 1	0	28.1	+ 4.4	35.3	32
Rawalpindi	Jhelum	000	2	4	05	07	97	01	9	096	67	3	3	6	1	0	59	68	—	—	21.7	—	33.5	—
	Rawalpindi	030	6	7	11	03	98	95	9	106	65	7	5	6	0	0	59	63	+ 2	+ 3	36.9	+13.2	31.7	36
	Campbellpur	000	0	9	00	00	98	02	2	087	68	0	0	9	9	0	61	66	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	09	02	99	00	0	078	79	0	0	9	0	0	63	67	+ 4	0	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	069	78	0	0	9	0	0	67	73	— 1	+ 8	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	13	03	96	02	0	075	80	0	0	9	0	0	69	72	— 2	+ 5	4.6	— 2.9	10.1	10
	Multan	000	0	0	09	02	98	02	0	061	81	0	0	9	0	0	64	77	+ 3	+ 10	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	18	03	97	00	0	073	77	0	0	9	0	0	64	66	—		9.3		10.6	8
Bahawalpur	Khanpur	000	0	0	31	02	96	02	0	052	78	0	0	9	0	0	60	64	0	— 3	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	066	84	0	0	9	0	0	69	71		+ 6	3.0	— 1.2	4.9	6
	Fort Abbas	000	0	0	16	02	98	00	0	077	83	0	0	9	0	0	73	73	—		3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	26	02	97	00	0	082	86	0	0	9	0	0	50	62	—	—	12.2	—	25.3	—
	Peshawar	004	9	7	00	00	97	17	9	087	72	7	9	6	2	0	67	67	— 2	+ 4	7.6	+ 3.1	16.6	11
	Haripur	000	4	6	13	03	97	03	2	092	71	6	0	9	7	0	60	63	—	—	27.6	—	38.5	—
D. I. Khan	Bannu	000	2	8	00	00	99	02	2	078	75	0	0	9	0	3	58	70	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	05	02	98	00	0	071	78	0	0	9	0	0	64	68	+ 2	+ 3	5.1	— 0.4	7.4	9
Quetta	Sibi	000	2	0	36	02	94	05	4	065	81	0	0	9	0	0	39	76	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	23	03	98	02	0	043	64	0	0	9	0	0	34	61	—	—	0.1	—	1.0	2
	Turbat	000	0	0	07	03	95	07	0	072	86	0	0	9	0	0	74	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	0	36	02	97	01	1	075	78	0	0	9	0	0	74	75	—	—	0.3	—	3.8	5
	Pasni	000	0	0	02	10	95	05	4	066	87	0	0	9	0	0	34	xx	+ 7	—	2.0	+ 1.1	5.4	4
Karachi Division	Ormara	000	0	0	00	00	96	00	0	059	79	0	0	9	0	0	76	74	—	—	4.4	+ 3.6	9.9	6
	Las Bela																							8
	Karachi (Manora)	000	0	0	27	07	94	10	0	061	80	0	0	9	0	0	74	78	+ 3	+ 3	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	064	80	0	0	9	0	0	77	76	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	31	01	97	00	0	048	79	0	0	9	0	0	72	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	xx	00	96	42	4	055	76	0	0	9	0	0	76	72	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	23	02	97	02	0	056	79	0	0	9	0	0	69	75	+ 5	+ 2	12.0	+ 6.0	12.9	7
	Badin	000	0	0	23	02	97	00	0	062	79	0	0	9	0	0	76	78	+ 4	+ 8	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	13	02	97	02	0	051	76	0	0	9	0	0	59	63	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	066	75	0	0	9	0	0	69	69	—	—	0.6	—	8.3	—
	Sukkur	000	0	0	00	00	97	02	0	053	81	0	0	9	0	0	55	76	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	041	78	0	0	9	0	0	71	67	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	13	05	96	02	0	055	82	0	0	9	0	0	58	74	+ 3	+ 6	6.6	+ 4.3	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	061	2	6	02	09	97	02	9	509	52	4	5	5	8	0	38	44	— 1	— 8	47.0	+11.4	67.6	59
Peshawar	Drosh *	006	9	1	00	00	98	03	9	498	58	1	1	7	0	0	41	58	+ 1	+ 2	4.2	—	21.2	18
	Cherat *	005	1	8	00	00	96	51	1	469	65	8	7	6	0	0	49	64	0	+ 3	14.6	+ 2.4	32.7	29
	Kakul *	017	6	7	36	03	99	02	9	496	60	7	4	6	0	0	50	64	—	—	32.5	—	34.8	—
	Landi Kotal *	000	0	3	00	00	97	03	0	475	59	3	0	9	7	0	50	57	—	—	4.0	—	12.7	—
	Parachinar *	007	0	6	00	00	98	03	2	470	57	6	1	8	0	0	49	55	0	+ 4	17.7	—	28.3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	478	71	0	0	9	0	0	47	63	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	99	00	0	509	57	0	0	9	0	0	39	53	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	499	67	0	0	9	0	0	39	62	+ 3	+ 5	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	27	10	97	00	0	476	61	0	0	9	0	0	35	49	—	—	0.7	—	5.6	—
	Loralai *	000	0	0	31	03	99	00	0	382	64	0	0	0	0	0	40	41	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	0	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	493	63	0	0	9	0	0	38	52	+ 1	+ 7	1.6	+ 0.6	6.2	9
	Chaman *	000	0	0	18	05	98	00	0	500	62	0	0	9	0	0	23	52	+ 3	— 1	0.7	+ 0.5	6.3	8
	Nushki *	000	0	0	27	05	98	02	0	540	65	0	0	9	0	0	36	62	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	05	03	96	02	0	503	65	0	0	9	0	0	39	57	+ 4	+ 6	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	479	54	0	0	9	0	0	19	39	— 2	— 3	1.2	0.0	12.9	7
	Panjgur *	000	0	0	31	02	91	02	0	495	63	0	0	9	0	0	36	62	— 1	+ 6	2.0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 9th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sCh_sh_s$	OT$_w$T$_w$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sirdhana	13 455	57 800	0 33 16	98 0 20	04 089	00 9 00	23 6 10	...	00 0 xx	13 3 32
Sudomaru	13 206	63 600	1 29 06	97 0 20	98 079	11 4 00	35 4 00	...	05 2 74	12 9 20
Semaru	13 199	65 206	1 29 05	99 0 20	12 785	14 4 01	35 2 05	...	00 2 74	12 5 32
Olcow	13 237	65 306	0 27 04	98 0 21	00 085	00 0 00	25 4 00	...		
Chereney	13 208	59 212	0 21 12	98 0 20	10 281	00 9 00	46 4 00	...	00 5 70	12 1 21
Vdomaru	13 188	66 012	3 29 10	97 0 20	07 385	11 5 11	35 7 17	...	00 4 79	12 9 21
Rovuma	13 147	66 312	3 29 18	97 x 29	09 785	38 6 02	24 6 10	...	00 2 79	12 9 21
Sirdhana	13 253	60 212	0 23 10	98 0 20	03 789	00 9 03	34 1 xx	...	05 1 xx	14 9 02
Sirdhana	13 248	61 518	2 19 06	98 0 30	04 085	20 7 55	35 2 10	...	00 0 xx	14 9 xx
Tabian	13 201	69 718	2 32 16	98 0 20	06 083	26 4 03	35 2 10	...	00 0 76	23 2 33
Isemaru	13 179	67 618	1 35 10	98 0 20	11 081	14 4 00	27 1 17	...	05 2 74	13 0 32
Mississippiloyd	13 145	51 718	0 12 08	98 0 20	68 679	00 9 00			05 0 76	11 2 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
						HHHTTT$_d$T$_d$T$_d$						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	007 265 252	091 252 232	...	245 175 135	...	311 078 992	436 022 998	581 572 992	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	003 262 248	059 272 252	...	144 222 092	...	312 095 0 5	438 008 998	583 552 995	754 572 998	965 805	242 005	...	...
Lahore ...	00 00	992 258 212	061 xxxxxx	...	157 242 188	...	317 150 150	444 042 995	588 615 995	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	966 219 082	...	...	146 242 098	...	305 165 022	444 078 555	591 518 645	765 625 995	979 xx5	260 948	...	...
Quetta ...	00 00	832 162 505	...	...	...	315 088 525	315 088 525	441 005 562	586 565 995	756 665 995	570 745	260 825	460 875	739 940

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 200 160	...	...	...	...	...	...	...	...	900 200 160	...	...
Jiwani ...													
Karachi ...	00 00	900 272 092	800 165 065	...	...	...	...	...	...	...	800 165 063	...	...
Lahore ...	00 00	800 252 198	800 218 182	...	...	...	...	...	...	...	800 218 182	...	...
Multan ...													
Peshawar ...	00 00	920 262 125	900 258 132	800 225 082	...	...	...	...	...	...	800 225 082	...	...
Quetta ...	00 00	800 172 515	...	...	...	...	...	...	...	...	800 172 515	...	...

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

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

UPPRE WIND DATA*

Height in Kms. a.s.—↓	At 1200 hrs, G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs, G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date* (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	19 07	19 08	20 10	23 10	19 09	21 07	21 09	21 10	21 10	23 13	22 08	20 06	17 07	18 06	23 09	20 05	20 07	18 08	15 07	15 03	...	...	...	...	...	...
Chaklala ...		05 01	31 01	26 03	27 13	27 17	29 19	26 20								30 07	32 04	30 05	31 23	32 28	...	...	...	...	...	...
Chhor ...	25 05	29 04	30 04	27 07	03 14	03 16	30 14	30 08		25 20	27 17	28 06	15 03	10 05	02 15	33 11	28 09	22 09	...	...	...	...	...	...	...	...
Chittagong ...	21 07	21 10	00 10	18 06	16 10	17 17	...	...	...	16 09	15 09	15 10	14 07	18 07	20 07	19 10	19 09	19 11	17 09	17 05	16 07	17 12	17 12	15 10	15 10
Cox's Bazar ...	20 08	19 09	16 04	16 10	...	...	...	...	...	17 07	18 07	18 06	17 04	19 04	18 07	21 08	19 05	19 05	19 11	19 12	18 09	19 10	xx xx	xx xx	19 15	18 13
Dacca ...	17 04	18 04	19 04	21 05	19 17	18 09	19 04	19 09	18 08	21 08	21 09	18 07	18 08	18 07	23 07	18 06	19 05	19 05	19 10	19 10	18 09	19 10	xx xx	xx xx	19 15	18 13
Dalbandin ...				21 05	20 03	34 07	34 15	31 22	31 29	30 36			07 16	05 04	01 14	34 15				07 10	07 05	31 07	35 19	33 28	33 27	31 27	29 45
D.I. Khan ...																										
Drosh ...					22 04	24 06							29 01	21 03	22 03					21 12	22 10					
Fort Sandeman ...				29 04	24 02	24 16	29 13	29 28	29 32				28 08	31 09	24 07					25 05	26 14	29 11	29 24	31 56	
Jacobabad ...	27 05	29 04	34 06	33 13	32 17	33 25	35 12	33 25	32 19				30 09	26 05	30 17	34 11	32 12	31 10	31 10	34 03	25 05	26 10	29 23	30 27	33 35	
Jessore ...	12 03	27 04	31 06	30 07	31 05	30 11	27 17	27 17	27 20	35 27	35 27	34 21	30 09	33 04	35 03	18 08	32 12	31 10	31 07	30 08	31 10	32 10	29 23	30 27		
Jhelum ...	29 09	34 06	36 05	02 06	04 10	07 14	05 11	04 12	01 16	05 15	07 15	04 11	02 05	33 04	35 03	07 10	02 19	36 20	32 23	30 22	23 15	...	...	...	...	...
Jiwani ...	25 08	26 06	25 06	26 02	02 12	04 17	03 19	02 23	01 21	21 08	21 09	18 07	18 08	18 07	23 07	26 04	03 06	35 06	28 08	31 06	01 07	03 10	32 10	32 13	33 12	
Karachi ...													07 16	05 04	01 14	34 15	24 06	23 08	23 08	22 06	24 04	13 08	29 05	29 08		
Khanpur ...										22 12	21 10	20 12	18 11	19 24	23 31	27 03	03 25	02 24	03 18							
Lahore ...	32 01	31 03	31 03	30 02	34 07	36 08	32 12	30 09	27 15	16 01	15 11	13 07	05 04	05 02	35 04	02 06	03 25	02 24	03 18	21 13	23 07	26 11	27 12	29 13		
Multan ...	14 06	15 07	15 09	17 10	25 04	26 13	27 17	27 17	28 27	16 31	16 27	17 19	22 11	23 10	29 14	15 04	15 09	15 09	16 09							
Muscat ...																				02 15	02 17	01 27	27 11	31 23	33 19	30 18
Panjgur ...				01 12	04 06	01 19	01 09	33 14	33 23		33 09	35 12	31 08	25 15			39 03	32 03	34 03	24 07	26 17					
Peshawar ...		22 15	21 19	24 15	25 07	33 06								32 02	32 05					31 10	32 29	31 45	32 65			
Quetta ...					31 12	32 11	31 35	33 14	30 45																	
Sharjah ...	25 07	24 04	27 07	27 10	...	...	...	30 41	...	19 07	22 07	23 07	24 07	24 11	24 15	28 05	23 05	...	...	...	...	...	...	...	...	...
Sylhet ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...					...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—↓	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	19 08	19 06	17 07	17 07	17 07	22 06	19 12	36 14	36 14	31 12	28 20	26 18	25 26	...	...	...	...	...
Karachi ...	28 12	28 13	27 10	31 07	31 07	31 09	01 31	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Cloud observation Data (GGiii Cdd VrVr etc.)

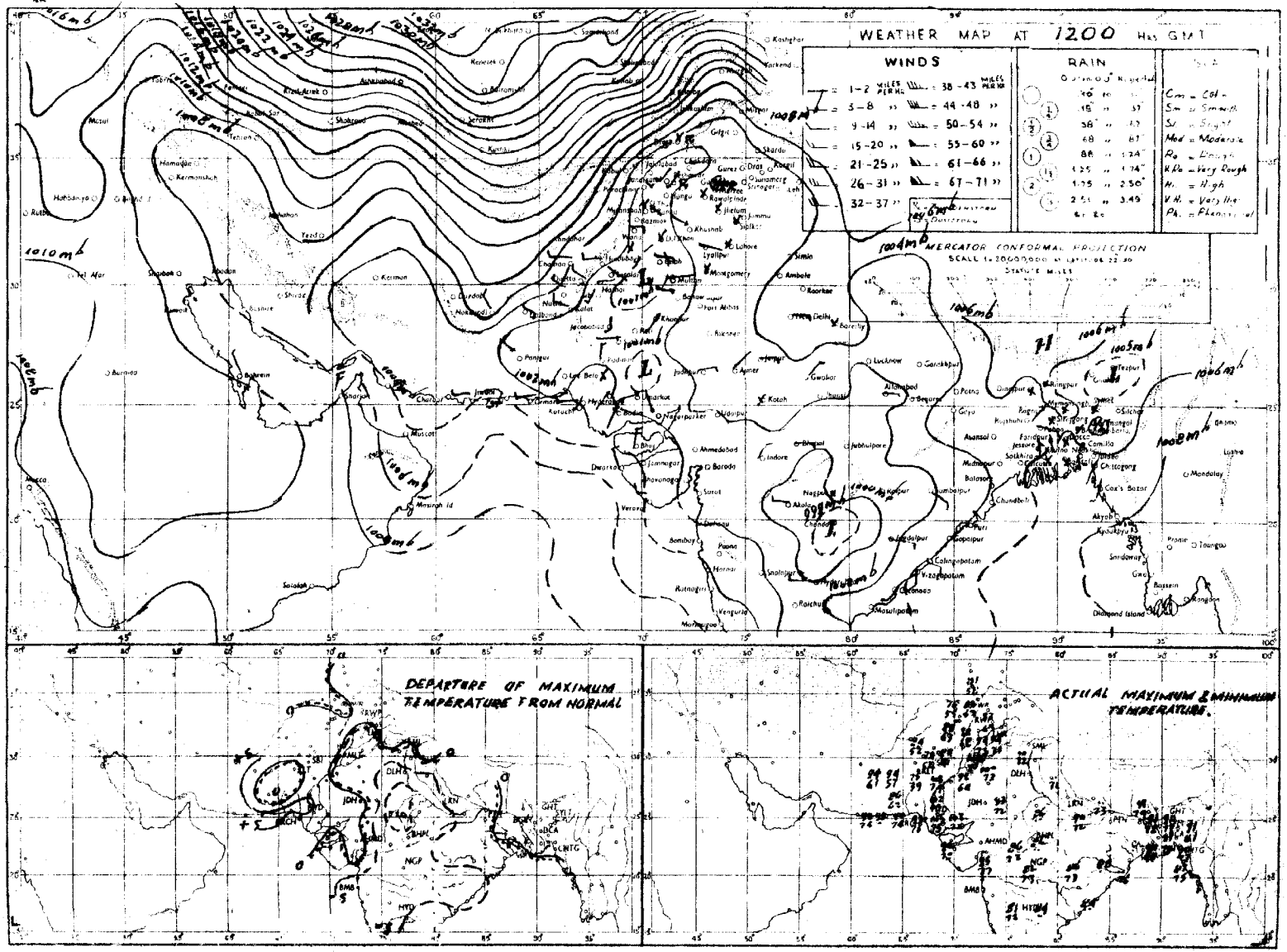
12 917 01 403

06 917 31 803

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

PAKISTAN DAILY WEATHER MAP

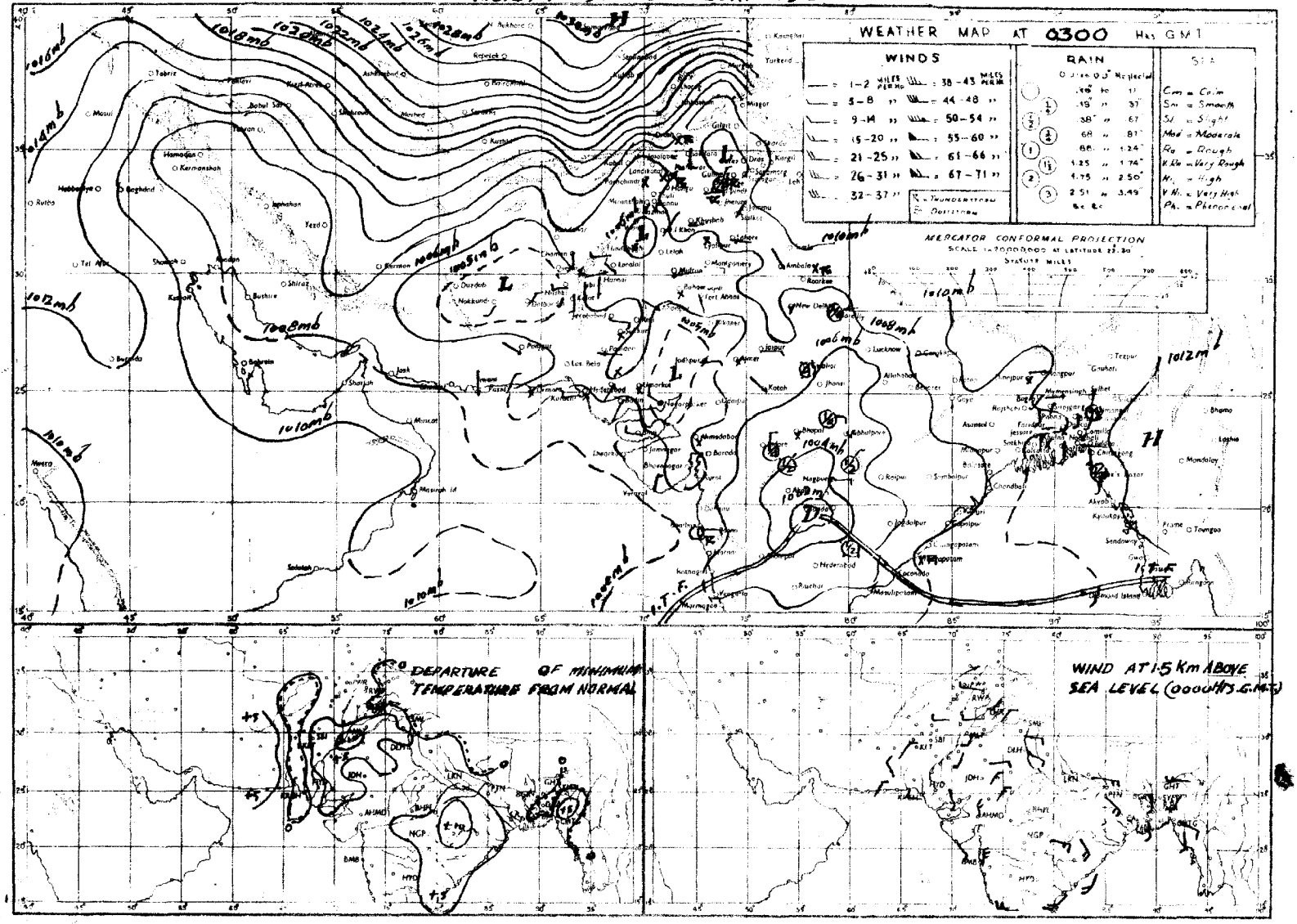
SUNDAY 8th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 9th OCTOBER, 1961.



Rainfall amounts indicated in the above chart refer to a period of 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 10th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The low pressure wave over Rawalpindi division and the other over Peshawar division moved away eastwards.

Thunderstorms/showers have been fairly widespread in Rawalpindi division and scattered in Lahore and Peshawar division.

Yesterday's depression moved Northwestwards and is centred to day at 0300 hrs. G.M.T. near Amravati. It is likely to move in a Northerly direction.

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

Chief amounts of rainfall are:–Barisal, Pabna and Parachinar ½" each and Srimangal and Satkhira ¼" each.

Day temperatures were:–6–10°F below normal in Lahore, Rawalpindi, Sargodha, Multan and Peshawar divisions and 4-6 °F above normal in Karachi and coastal Kalat divisions.

Forecast valid until the evening of 11th October, 1961:- Local rain/thundershowers will occur over East Pakistan. Weather will be dry in West Pakistan.

Karachi-11
The 10th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati	0.0	0	9	18	02	xx	C0	1	087	83	9	x	0	x	x	77	91
	Cox's Bazar	000	0	5	00	00	xx	01	2	076	82	4	9	5	4	0	76	87
	Chittagong	000	0	5	23	02	95	02	2	077	83	1	3	6	2	3	75	87
	Maijdee Court	000	9	4	00	00	94	02	1	074	83	4	2	7	0	0	75	87
	Comilla	000	0	6	00	00	96	03	1	068	85	6	4	5	0	0	79	93
	Brahmanbaria	000	0	4	18	02	96	03	1	071	84	4	0	9	2	0	77	88
	Sylhet	000	6	5	00	00	xx	03	6	065	84	5	4	6	7	0	76	84
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	2	00	00	97	01	1	069	87	2	2	4	0	0	74	90
	Narayanganj	000	9	7	00	00	xx	03	2	066	85	3	5	3	3	8	75	90
	Dacca (Tezgaon)	000	0	6	00	00	97	02	2	069	82	2	9	6	5	1	76	89
	Faridpur	000	0	7	16	02	96	02	2	062	84	6	4	6	1	0	77	90
Khulna	Barisal	041	7	2	00	00	97	02	6	070	83	2	0	9	8	0	77	90
	Khulna	000	0	4	00	00	xx	01	2	072	82	4	5	6	0	0	77	90
	Satkhira	000	0	7	C0	00	95	03	1	068	84	5	4	5	1	x	79	90
	Jessore	000	0	6	18	05	96	02	2	060	85	4	4	5	6	0	78	90
Rajshahi	Pabna	000	0	4	23	02	98	03	1	059	85	2	9	9	6	1	72	88
	Sirajganj	000	0	0	00	00	97	0J	1	059	83	0	0	9	0	0	76	02
	Bogra	000	0	0	0)	00	96	00	1	059	86	0	0	9	0	0	77	91
	Dinajpur	0 0	0	0	00	00	95	(0	0	049	86	0	0	9	0	0	76	92
	Rangpur	0.0	0	3	00	00	96	01	1	055	85	1	2	6	2	0	78	90
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	010	7	0	00	00	96	01	9	067	85	0	0	9	0	0	63	87
	Sialkot	000	0	0	C0	00	97	.0	0	069	82	0	0	9	0	0	63	95
Rawal-pindi	Jhelum	007	5	2	36	02	97	02	9	071	81	1	1	7	1	0	57	89
	Rawalpindi	009	9	3	23	02	99	01	9	080	75	3	0	9	8	0	54	75
	Campbellpur	040	7	7	ι0	00	98	02	2	LBI	76	0	0	9	7	0	59	79
Sargodha	Khushab	000	0	5	07	02	99	03	2	076	95	0	0	9	0	7	55	68
	Lyallpur	000	0	0	08	05	94	08	4	081	94	0	0	9	0	0	70	94
Mul-tan	Montgomery	000	0	0	05	07	96	00	0	070	85	0	0	9	0	0	84	93
	Multan	000	0	2	09	02	98	01	0	036	96	2	1	6	0	0	61	99
	Leiah	000	0	0	18	07	97	00	0	032	95	0	0	9	0	0	66	98
Bahaw-alpur	Khanpur	000	0	0	36	02	96	02	0	034	94	0	0	9	0	0	63	97
	Bahawalpur	000	0	0	09	01	98	00	0	031	98	0	0	9	0	0	60	01
	Fort Abbas	000	0	0	02	03	98	00	0	038	93	0	0	9	0	0	65	94
Pesha-war	Chakdara	000	0	0	09	02	98	00	0	048	80	0	0	9	0	0	55	83
	Peshawar	001	9	4	36	03	97	01	9	076	80	1	3	6	3	1	59	81
	Haripur	000	5	6	23	02	98	03	2	085	74	6	6	6	0	0	72	81
D. I. Khan	Bannu	000	1	4	13	02	98	05	0	050	95	0	0	9	7	0	57	92
	D. I. Khan	000	2	0	05	03	97	07	0	054	86	0	0	9	0	0	64	97
Quetta	Sibi	000	0	0	13	02	97	00	0	046	04	0	0	9	0	0	40	06
Kalat	Nokkundi	000	0	0	27	03	98	02	0	081	90	0	0	9	0	0	41	91
	Turbat	000	0	0	05	03	97	C0	0	044	03	0	0	9	0	0	33	05
	Jiwani	000	0	0	18	05	97	02	0	063	92	0	0	9	0	0	52	92
	Pasni	00C	8	0	20	10	95	05	4	056	93	0	0	9	0	0	55	C0
Karachi Division	Ormara	000	7	0	27	05	95	05	4	041	94	0	0	9	0	0	69	99
	Las Bela																	
	Karachi (Manora)	000	0	0	27	12	98	02	0	040	88	0	0	9	0	0	81	90
	Karachi (Air Port)	000	0	0	23	07	96	05	0	046	89	0	0	9	0	0	76	93
Hyder-abad	Nagarparker	000	0	1	20	02	97	00	0	029	96	0	1	8	0	0	70	01
	Umerkot	000	0	0	29	01	98	02	0	016	99	0	0	9	0	0	73	03
	Hyderabad	000	0	0	00	00	97	02	0	C37	01	0	0	9	0	0	62	04
	Badin	000	0	0	23	02	97	00	0	049	98	0	0	9	0	0	74	01
Khairpur	Pad-i-dan	000	0	0	36	09	97	02	0	043	99	0	0	9	0	0	35	01
	Nawabshah	000	0	0	18	02	97	02	0	048	01	0	0	9	0	0	58	04
	Sukkur	000	0	0	02	02	98	02	0	034	97	0	0	9	0	0	59	99
	Kashmore	...	...	...	...		...	...	...	...		...	...	...	...	...	...	...
	Jacobabad	000	0	0	31	05	97	02	0	033	99	0	0	9	0	0	72	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	008	4	8	29	03	97	02	9	499	86	2	3	3	5	0	45	67
Pesha-war	Drosh *	000	3	7	23	09	96	03	2	467	73	6	8	7	0	0	37	79
	Cherat *	005	8	5	23	03	98	03	5	441	68	5	8	8	5	0	54	75
	Kakul *	006	2	3	31	03	97	02	5	481	72	3	6	4	0	0	81	75
	Landi Kotal *	000	5	2	13	03	97	02	5	474	71	2	0	9	7	0	57	76
	Parachinar *	040	2	4	05	01	99	03	7	464	66	4	1	9	0	0	43	73
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	464	66	4	1	9	0	0	43	73
	Wana *	000	0	0	13	03	99	00	0	513	78	0	0	9	0	0	40	67
Quetta	Fort Sandeman *	000	0	0	18	01	99	02	0	480	83	0	0	9	0	0	47	85
	Hindubagh *	000	0	0	27	10	97	00	0	448	76	0	0	9	0	0	33	77
	Loralai *	000	0	0	16	02	99	00	0	401	79	0	0	0	0	0	49	84
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	000	0	0	27	03	96	00	0	465	73	0	0	9	0	0	33	75
	Chaman *	000	0	0	27	07	98	00	0	505	77	0	0	9	0	0	16	79
	Nushki *	000	0	0	31	05	98	02	0	518	81	0	0	9	0	0	42	82
	Dalbandin *	000	0	0	13	03	96	02	0	512	86	0	0	9	C	0	53	89
Kalat	Kalat *	000	0	0	34	05	98	00	0	466	67	0	0	9	0	0	39	72
	Panjgur *	000	0	0	05	03	97	02	0	500	82	0	0	9	0	0	21	82
Afgha-nistan	Kabul *																	
	Kandhar *																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1961 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	000	0	3	18	05	98	01	1	128	86	3	8	5	0	0	77	78	—	—	—	—	—	—
Cox's Bazar	000	0	5	00	00	57	03	2	107	83	4	4	5	4	0	77	76	0	+ 1	160.3	+48.0	173.3	140
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0		—	—	—	108
Maijdee Court	000	0	4	00	00	97	01	2	110	83	0	0	0	2	2	75	77	0	+ 1	—	—	—	115
Comilla	000	0	4	13	09	97	02	2	xxx	85	4	4	6	0	0	76	81	+ 1	+ 6	—	—	—	94
Brahmanbaria	000	0	4	08	20	97	3	1	108	83	4	4	5	0	0	77	79	—	—	—	—	—	78
Sylhet	002	3	8	00	00	96	02	6	101	78	6	5	5	2	x	77	77	—	—	97.8	—	—	—
Srimangal	024	2	7	23	05	95	03	2	xxx	84	7	7	4	0	0	78	74	—	+ 2	—	—	—	98
Mymensingh	000	0	4	27	02	97	01	1	107	83	4	4	4	0	0	77	78	+ 2	+ 2	—	—	—	91
Narayanganj	000	9	3	00	00	96	03	1	103	85	2	4	4	0	1	75	79	+ 1	+ 2	56.8	+ 6.6	61.0	74
Dacca (Tezgaon)	000	9	5	00	00	98	02	1	097	85	5	8	5		1	75	78	—	—	56.5	—	80.1	—
Faridpur	000	0	2	16	02	97	01	0	100	86	2	5	7	0	0	77	78	+ 2	+ 1	45.1	— 3.5	72.8	71
Barisal	041	9	3	00	00	97	02	6	105	87	3	0	9	4	0	77	78	+ 2	+ 1	60.4	+ 1.9	84.9	81
Khulna	000	0	4	00	00	97	04	2	102	85	4	5	6	0	0	76	78	+ 2	+ 3	42.6	— 7.7	54.3	68
Satkhira	035	9	4	00	00	96	03	6	103	86	2	2	6	3	0	77	76	+ 1	+ 1	34.5	—13.4	56.1	65
Jessore	002	9	6	13	02	97	02	6	104	82	4	4	6	6	0	83	76	0	— 1	43.7	— 1.6	34.6	65
Pabna	045	9	8	11	05	98	01	9	101	82	0	0	9	0	1	76	78	—	—	34.9	—	391.	59
Sirajganj	0'0	0	3	18	02	97	03	1	099	83	2	1	5	0	0	76	77	+ 14	+ 1	33.7	—12.9	47.0	64
Bogra	000	0	6	27	02	97	02	1	099	85	3	5	6	9	9	77	78	+ 2	+ 3	40.8	—11.0	48.4	69
Dinajpur	000	0	4	00	00	96	02	(	092	85	4	0	0	9	4	78	78	+ 3	+ 3	36.7	—21.0	51.2	72
Rangpur	000	0	2	20	02	96	03	0	097	85	1	2	6	1	0	78	78	+ 1	+ 3	53.6	—10.5	59.8	84
Jummu																							
Lahore (Jail Rd.)	010	0	0	00	00	96	02	0	1'1	73	0	0	9	0	0	61	65	— 8	0	35.5	+21.0	50.3	19
Sialkot	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9					32
Jhelum	007	0	0	31	03	96	02	0	102	71	0	0	9	0	0	60	63	—	—	21.8	—	33.6	—
Rawalpindi	009	0	0	00	00	97	10	0	116	64	0	0	9	0	0	60	59	— 16	— 1	37.0	+14.3	31.7	36
Campbellpur	000	0	3	00	00	98	01	1	121	67	0	0	9	3	0	62	61	—	—	10.8	—	11.8	—
Khushab	C00	0	0	00	00	99	00	0	101	79	0	0	9	0	0	61	66	— 9	— 1	7.1	— 3.2	11.1	15
Lyallpur	0C0	0	5	00	00	96	00	0	115	72	0	0	9	0	0	52	66	— 1	+ 1	10.9	+ 1.6	13.9	12
Montgomery	000	0	0	00	00	96	02	0	097	75	0	0	9	0	0	58	67	— 6	0	4.6	— 2.9	10.1	10
Multan	C00	9	0	09	03	97	02	3	100	77	0	0	9	0	0	57	73	+ 2	+ 6	5.5	+ 0.6	7.6	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—			—		8
Khanpur	000	0	0	02	05	95	06	0	092	77	0	0	9	0	0	64	71	— 1	+ 4	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	13	02	98	00	0	096	77	0	0	9	0	0	64	72	+ 4	+ 7	3.0	— 1.2	4.9	6
Fort Abbas	C00	0	0	02	02	98	C0	0	098	77	0	0	9	0	0	64	70	—	—	3.1	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	095	67	0	0	9	0	0	49	60	—	—	12.2	—	25.3	—
Peshawar	001	0	0	31	02	97	02	0	117	67	0	0	9	0	0	60	66	— 10	+ 3	7.6	+ 3.2	16.6	11
Haripur	000	0	0	23	03	97	C0	0	105	69	0	0	9	0	0	55	58	—	—	27.6	—	38.5	—
Bannu	000	2	0	00	00	96	10	0	102	72	0	0	9	0	0	62	7C	—	—	5.5	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	095	64	0	0	9	0	0	63	70	+ 1	+ 5	5.1	— 0.4	7.4	9
Sibi	0'0	2	0	09	02	94	05	4	097	76	0	0	9	0	0	46	72	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	09	03	98	02	0	150	67	0	0	9	0	0	33	58	—	—	0.1	—	1.0	2
Turbat	C00	0	C	09	04	96	C7	0	087	88	0	0	9	0	0	32	xx	—	—	4.6	—	11.3	—
Jiwani	000	0	0	(5	05	96	02	0	090	87	0	0	9	0	0	29	76	—	—	0.3	—	3.8	5
Pasni	000	0	0	34	01	96	05	4	086	83	0	0	9	0	0	40	xx	+ 9	—	2.0	+ 1.1	5.4	6
Ormara	000	9	0	00	00	95	05	4	078	83	0	0	9	0	0	43	74	—	—	4.4	+ 3.6	9.9	6
Las Bela																							8
Karachi (Manora)	030	0	0	27	05	94	10	0	073	78	0	0	9	0	0	35	77	+ 3	+ 2	9.7	+ 3.7	9.8	8
Karachi (Air Port)	000	0	2	00	00	96	03	0	080	74	2	6	5	0	0	69	69	—	—	21.2	—	24.6	—
Nagarparker	000	0	0	31	01	97	00	0	069	79	0	0	9	0	0	72	xx	—	—	26.1	—	27.3	—
Umerkot	0°0	0	0	36	01	97	02	0	071	76	0	0	9	0	0	67	68	—	—	15.9	—	18.0	—
Hyderabad	000	0	0	00	00	95	10	0	078	78	0	0	9	0	0	69	75	+ 4	+ 2	12.0	+ 6.0	12.9	7
Badin	000	0	0	23	02	97	00	0	068	77	0	0	9	0	0	74	75	+ 5	+ 5	14.0	+ 6.8	14.8	9
Pad-i-dan	000	0	0	00	00	97	02	0	084	69	0	0	9	0	0	57	57	—	—	9.6	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	078	76	0	0	9	0	0	53	65	—	—	0.6	—	8.3	4
Sukkur	000	0	0	02	03	94	02	0	083	77	0	0	9	0	0	66	72	—	—	1.1	—	2.2	—
Kashmore	000	0	0	05	03	99	00	0	091	80	0	0	9	0	0	77	64	—	—	1.7	—	1.7	4
Jacobabad	000	0	0	09	02	96	02	0	087	78	0	0	9	0	0	72	71	+ 2	+ 3	6.6	+ 4.3	8.3	
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	008	9	0	31	02	98	00	1	506	54	0	0	9	0	0	35	47	— 1	— 5	47.1	+10.7	67.7	59
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1			—		18
Cherat *	005	0	0	09	07	98	00	0	469	65	0	0	9	0	0	51	59	— 6	— 2	14.7	+ 2.5	32.7	29
Kakul *	006	0	1	31	02	99	C0	0	503	62	0	0	9	0	0	45	55	—	—	32.6	—	34.9	—
Landi Kotal *	000	0	0	00	00	97	00	0	94g	65	0	0	9	0	0	51	53	—	—	4.0	—	12.7	—
Parachinar *	040	0	0	00	00	99	r0	1	5(2	54	0	0	9	0	0	56	51	— 3	0	18.1	—	28.7	29
Miranshah *	000	0	0	00	00	99	00	0	5C1	76	0	0	9	0	0	52	60	—	—	3.1	—	7.7	13
Wana *	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	—					11
Fort Sandeman *	000	0	0	00	00	99	02	0	519	62	0	0	9	0	0	42	59	0	+ 2	5.1	+ 0.1	11.2	11
Hindubagh *	000	0	0	27	03	97	C0	0	482	59	0	0	9	0	0	25	45	—	—	0.7	—	5.6	—
Loralai *	C00	0	0	29	C2	99	00	0	360	60	0	0	0	0	0	34	35	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	0	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
Quetta *	000	0	0	00	C0	96	00	0	511	57	0	0	9	0	0	25	42	— 2	— 3	1.6	+ 0.5	6.2	9
Chaman *	000	0	0	23	05	98	C0	0	509	60	0	0	9	0	0	18	52	— 2	— 1	0.7	+ 0.5	6.3	8
Nushki *	000	0	0	27	05	98	02	0	538	69	0	0	9	0	0	25	62	—	—	1.1	--	3.8	—
Dalbandin *	000	0	0	00	00	96	02	0	507	57	0	0	9	0	0	31	53	— 1	+ 2	1.3	+ 1.0	2.7	4
Kalat *	000	0	0	18	02	98	00	0	498	55	0	0	9	0	0	32	37	— 5	— 5	1.2	0.0	12.9	7
Panjgur *	000	0	0	05	02	97	02	0	505	62	0	0	9	0	0	32	55	— 5	— 1	2.0	—	5.0	5
Kabul *																							82
Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 10th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$Ch$_s$h$_s$	OT$_s$T$_s$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	23 104	75 700	2 27 08	98 0 20	09 081	12 4 01	76 1 05	...	03 2 xx	12 7 33
Udomaru	23 172	68 300	1 31 10	97 0 10	07 779	11 4 00	35 4 00	...	05 2 74	13 1 21
Chittagong City ...	23 216	68 700	1 27 18	98 0 00	xx x81	94 x xx	...	...	...	...
Chittagong	23 225	68 106	4 27 13	98 0 10	xx x86	74 x xx	...	...	...	...
Almecca	23 224	59 906	0 14 04	98 0 20	06 679	00 9 00	...	...	03 5 68	14 2 01
Rynkerk	23 144	50 612	1 12 06	98 0 21	07 783	12 4 00	15 8 13	...	05 1 74	11 3 21
City of Oxford	23 203	60 612	1 20 16	99 0 20	08 684	00 9 40	15 7 11	...	00 2 74	21 2 23
Chittagong City	23 224	63 212	2 27 09	98 0 00	xx x82	73 x xx		...	...	...
Acme	23 210	59 312	0 17 15	98 0 10	09 461	00 9 00	04 2 11	...	...	11 7 21
Mississippi	23 162	60 518	3 26 03	98 0 10	10 777	32 3 00	26 2 32	...	05 1 68	12 6 21
Chittagong City	23 243	66 618	0 27 09	98 0 00	xx x82	73 x xx	...	...	...	...
BAY OF BENGAL										
Karspk	22 129	96 806	8 25 11	98 5 02	12 177	55 3 2x	44 8 15		05 3 76	12 5 22
Yauistamaru	22 191	19 106	6 06 17	98 0 31	05 483	63 5 00	...	...	00 3 72	10 6 32
Nanke Imaru	22 163	17 106	6 06 17	54 6 12	07 083	97 1 xx	54 6 15	...	00 4 77	10 7 21
								...		

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT$_d$T$_d$T$_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	007 262 245	...	...	143 168 138	..	310 072 012	434 615 578	577 612 702	755 702 778	952 845	...	...	...
Jiwani ...														
Karachi ...	00 00	004 232 218	055 242 218	...	142 232 992	...	313 085 995	439 030 990	585 535 995	757 665 995	967 822	244 000	426 152	668 235
Lahore ...	00 00	984 262 178	075 xxxxxx	...	147 185 132	...	312 050 990	436 525 995	578 620 990	746 720 990	952 845	226 955	413 032	679 068
Multan ...														
Peshawar ...	00 00	968 188 128	...	...	149 192 112	...	311 185 505	436 512 618	567 612 752	747 685 992	958 758	...	...	...
Quetta ...	00 00	833 142 512	...	...	...	..	315 062 615	439 540 990	...	749 680 990	960 765	...	..	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 192 155	600 125 088	551 020 210	...	...	...	...		...	551 020 210	...	...
Jiwani ...													
Karachi ...	00 00	...		...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	900 218 142	800 138 112	...	...	...	...	...	...	...	800 138 112	...	...
Multan ...													
Peshawar ...	00 00	900 215 135	865 102 092	800 158 088	...	..	...	...	...	...	800 158 088	...	...
Quetta ...	00 00	800 135 545	756 120 550	369 000 090	...	...	..	...	...	...	369 000 090	...	...

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

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

UPPRE WIND DATA*

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

Height in Kms. a.s—1	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	21 05	21 06	21 07	22 06	21 06	21 09	21 13	21 11	20 14
Chaklala ...	...	06 07	02 04	32 06	30 14	...	...	...	...
Chhor ...	26 06	30 06	30 07	01 07	01 09	01 11	35 14	34 13	31 15
Chittagong ...	21 08	22 08	22 08	21 07	20 07	19 05	21 07	16 06	15 06
Cox's Bazar ...	22 05	23 06	25 04	23 04	21 05	...	...	...	...
Dacca ...	20 05	24 03	24 04	24 05	24 07	22 08	21 11	19 14	19 12
Dalbandin ...	...	...	10 06	33 04	31 07	32 10	30 20	31 22	28 33
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 08	20 12	...	...	...
Fort Sandeman ...	...	...	...	05 01	17 03	24 12	29 15	27 18	29 12
Jacobabad ...	31 11	32 10	32 08	35 10	36 15	32 20	29 09	28 20	30 26
Jessore ...	17 11	18 09	18 06	18 06	20 09	20 13	...	...	...
Jhelum ...	35 04	35 08	35 13	35 15	32 03	28 14	27 27	28 13	29 31
Jiwani ...	15 06	12 03	12 04	36 06	34 11	36 12	32 10	31 16	33 14
Karachi ...	24 02	24 04	26 03	27 04	31 02	02 13	34 06	34 14	32 17
Khanpur ...	04 08	04 08	04 09	33 04	20 08	20 10	19 25	18 43	18 56
Lahore ...	08 04	06 07	04 11	02 13	05 11	30 08	27 19	28 20	28 17
Multan ...	12 10	13 10	13 06	15 11	19 08	23 15	26 15	28 23	29 31
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 12	01 11	35 14	32 08	34 13	32 12
Peshawar ...	...	02 02	07 05	11 03	19 16	...	...	...	...
Quetta ...	...	...	...	...	30 12	32 12	31 23	31 32	30 32
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	.	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

Height in Kms. a.s—1	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	22 11	22 10	21 07	19 07	20 04	...
Chaklala ...	...	16 04	34 07	30 19	30 14	28 10
Chhor ...	02 07	02 08	35 09	33 07	34 05	35 10
Chittagong ...	16 10	17 07	17 06	18 05	18 05	21 02
Cox's Bazar ...	20 04	20 05	21 03	23 06	21 06	...
Dacca ...	23 06	22 07	21 06	21 06	21 06	22 07
Dalbandin ...	...	...	06 09	36 06	35 08	33 21
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	05 01	22 02	20 01
Fort Sandeman ...	...	...	...	22 02	31 04	25 05
Jacobabad ...	09 09	04 09	01 13	01 12	31 09	31 15
Jessore ...	22 06	22 08	22 10	23 10	21 08	21 07
Jhelum ...	32 04	34 13	31 17	32 15	32 12	31 06
Jiwani ...	02 10	36 07	05 06	06 04	35 07	33 08
Karachi ...	...	...	...	...	...	...
Khanpur ...	36 18	36 26	01 32	04 36	04 19	...
Lahore ...	02 11	02 10	01 10	36 22	34 13	29 09
Multan ...	01 07	11 01	14 07	20 04	20 03	28 08
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 18	01 22	35 30
Peshawar ...	...	34 02	04 03	01 03	33 05	29 12
Quetta ...	...	...	...	...	33 02	29 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	21 03	31 08	..	...	...	...
Veraval ...	...	...	...	...	...	..

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

Height in Kms. a.s—1	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.…
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	20 04	20 05	20 06	20 10	21 09	23 08	...	...	...	...	..
Chaklala ...	...	26 03	31 05	31 09	32 09	33 13	33 21	...	...	...	..
Chhor ...	03 06	01 06	01 07	03 01	36 06	24 03	05 13	02 11	01 13	...	..
Chittagong ...	17 06	16 06	16 06	21 07	23 05	18 04	18 06	15 06	21 10	...	..
Cox's Bazar ...	22 08	22 06	22 03	23 03	...	...	...	...	...	...	
Dacca ...	20 06	18 06	18 06	19 05	32 09	20 10	20 06	20 11	21 15	20 13	16
Dalbandin ...	...	...	08 08	30 08	36 40	36 22	36 18	32 09	27 16	26 25	23
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	
Drosh ...	...	...	...	...	22 01	20 05	22 11	24 09	26 21	27 39	29
Fort Sandeman ...	...	...	...	23 07	29 06	31 12	31 23	30 30	27 39	...	..
Jacobabad ...	08 09	04 08	02 09	35 11	33 03	09 03	33 12	28 15	26 13	...	..
Jessore ...	18 01	18 04	20 05	22 04	21 06	...	...	...	...	...	..
Jhelum ...	35 06	32 09	31 10	30 09	30 07	20 02	28 17	29 35	28 39	...	..
Jiwani ...	05 08	05 10	05 08	08 06	36 02	01 08	35 11	34 23	33 19	33 16	..
Karachi ...	03 04	05 08	05 10	19 01	07 01	10 04	02 12	01 15	05 13	06 07	..
Khanpur ...	06 11	03 06	06 03	18 06	18 08	13 07	10 14	35 13	32 17	...	..
Lahore ...	31 04	36 08	35 16	33 13	33 06	34 06	36 06	31 06	25 03		..
Multan ...	04 07	02 07	02 06	21 05	21 09	24 12	29 13	29 23	28 24	28 31	..
Muscat ...	...	...	...	...	...	...	...	...	...	...	
Panjgur ...	...	...	...	01 12	01 20	36 32	07 07	28 17	29 12	27 18	27
Peshawar ...	...	06 02	34 06	33 06	01 04	34 03	18 06	26 13	26 17	28 40	
Quetta ...	...	...	...	...	30 01	33 12	31 27	30 45	30 48	32 50	..
Sharjah ...	...	...	...	...	...	...	...	...	...	...	..
Sylhet ...	33 01	26 05	27 11	...	...	...	...	...	...	...	..
Veraval ...	...	...	...	...	...	...	...	...	...	...	

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

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

Height in g. p. kms. a.s.—1→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	...	...	...	...	...	...							...		...			
Dacca ...	22 10	24 04	20 06	19 05	18 06	20 17	20 11	19 12	17 12	19 21	13 10	13 12						
Karachi ...	05 02	02 02	02 02	02 03	01 03	35 06	36 15	36 08	01 03	08 04	29 12	29 09	29 17	25 24	25 19	20 25	11 15	12 1…
Peshawar ...	...	28 05	28 05	3 03	28 05	27 09	27 09	24 12	28 13	27 22	27 30	27 46	27 52	27 91	76 19	76 12	...	...
Quetta ...	...		...	---	.	...	...	...	...	...		-	...	...	...	...	...	...

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

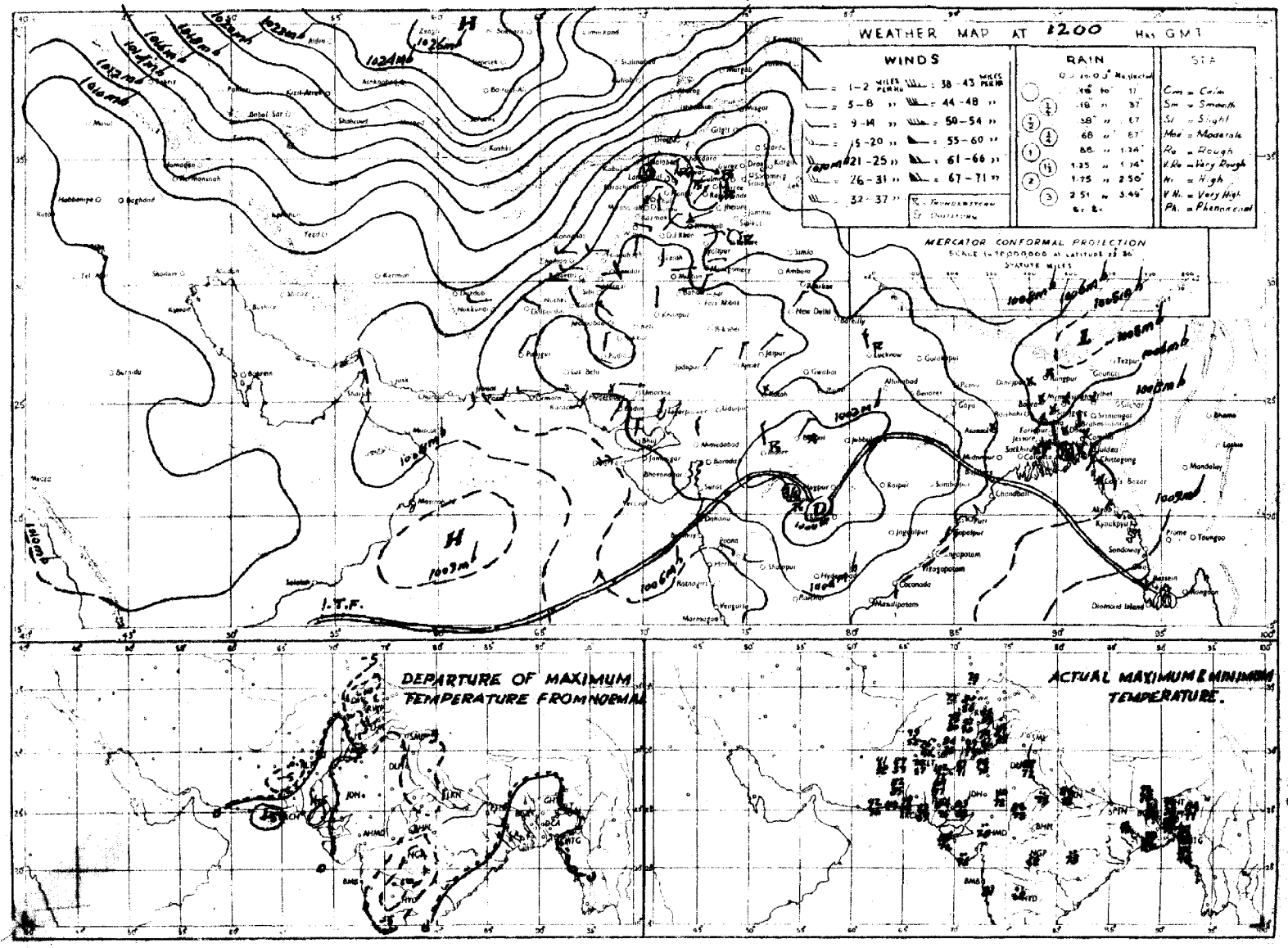
Cloud observation Data (GGiii Cdd V$_r$V$_r$ etc.)

00 917 00 704

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

PAKISTAN DAILY WEATHER MAP

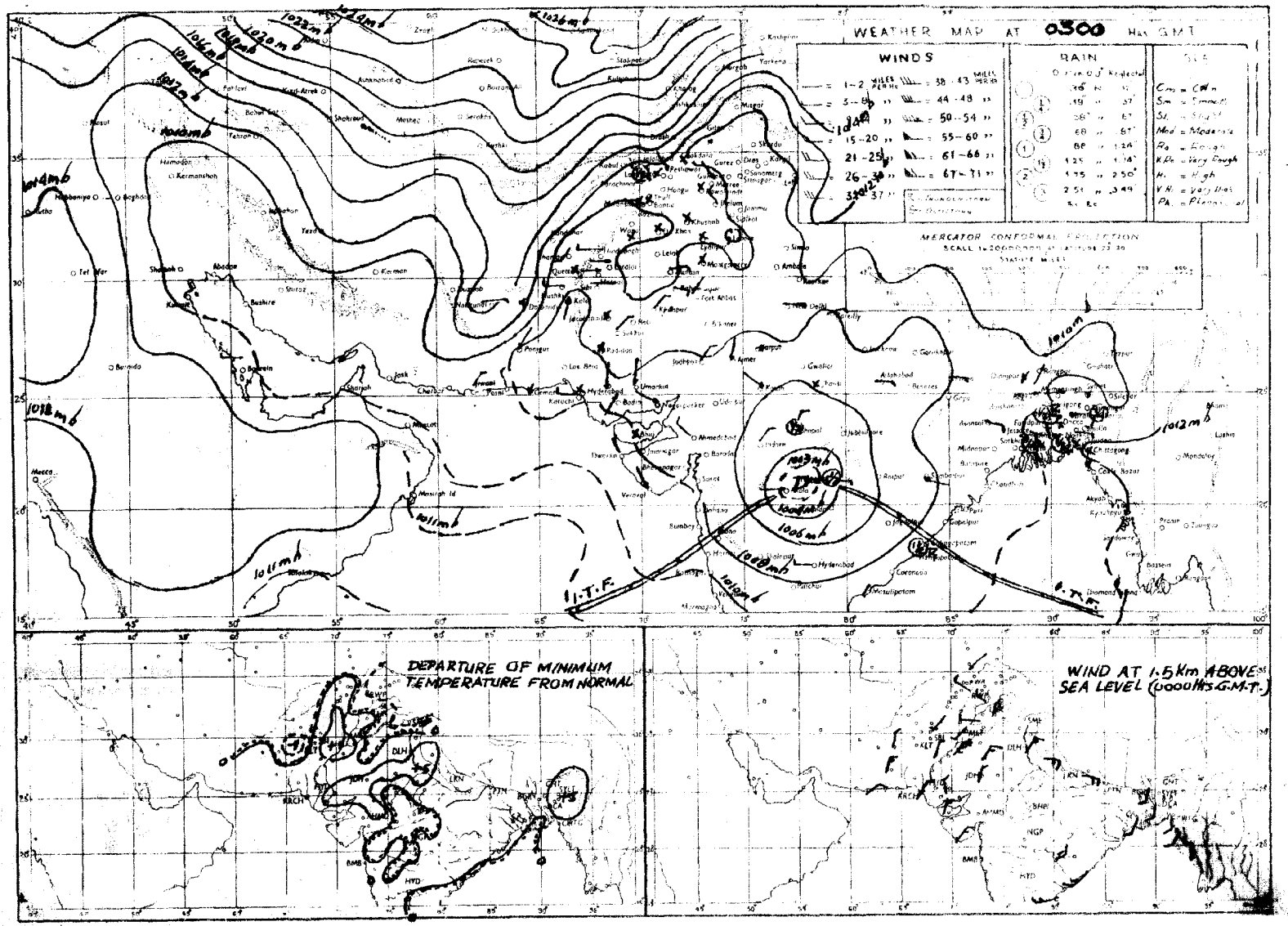
MONDAY 9th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 10th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 11th OCTOBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

A westerly low pressure wave is approaching West Bengal.

Scattered rain/thundershowers have been reported from Chittagong and Khulna divisions and light rain from Rajshahi division.

Weather remained dry over West Pakistan.

Yesterday's depression over Madhya Pradesh is centred today at 0300 hours G.M.T. near Akola. It is likely to weaken without showing any appreciable movement.

Chief amounts of rainfall are:-Chittagong and Sathkhira ¼" each.

Day temperatures were:-4-10°F above normal in Karachi and coastal Kalat divisions and 3-6 °F below normal in Lahore, Rawalpindi, Bahawalpur, Multan, Quetta and adjoining Kalat divisions.

Forecast valid until the evening of 12th October, 1961:—A few thunderstom/showers may occur in Rajshahi division Weather will otherwise, remain dry over the country.

Karachi-11
The 11th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati	000	0	9	00	00	xx	00	1	081	84	9	8	0	x	x	77	92
	Cox's Bazar	000	0	5	xx	xx	98	03	2	071	83	4	5	5	3	0	77	87
	Chittagong	000	0	2	23	02	xx	01	1	072	86	1	0	8	1	3	77	87
	Maijdee Court	000	9	5	27	05	94	01	0	073	92	3	2	5	2	0	76	88
	Comilla	000	0	1	18	05	96	01	0	057	83	1	5	7	5	0	78	91
	Brahmanbaria	000	0	6	00	00	96	03	1	069	85	4	4	5	0	2	76	89
	Sylhet	000	8	5	00	00	xx	01	6	071	79	3	8	6	3	1	78	83
	Srimangal	004	4	8	00	00	94	02	6	xxx	80	8	6	4	0	0	77	90
Dacca	Mymensingh	000	0	6	13	02	97	02	1	068	82	6	7	4	8	8	79	88
	Narayanganj	000	9	7	16	02	xx	03	2	064	85	3	4	3	7	0	77	90
	Dacca (Tazgaon)	000	0	6	10	02	97	02	2	065	83	3	9	6	6	1	74	89
	Faridpur	000	0	2	14	02	96	01	1	059	84	2	4	7	0	0	78	90
Khulna	Barisal	000	0	6	00	00	96	02	2	077	82	8	5	5	0	0	75	89
	Khulna	000	0	6	00	00	xx	01	2	070	79	6	5	6	0	0	75	90
	Satkhira	000	0	7	00	03	95	03	1	066	82	5	4	6	1	0	78	90
	Jessore	006	0	4	18	02	96	02	5	062	84	2	4	6	6	0	80	89
Rajshahi	Pabna	000	0	5	23	05	xx	03	1	059	83	3	9	6	0	3	76	89
	Sirajganj	000	0	0	00	00	96	03	1	059	85	0	0	9	0	0	76	89
	Bogra	000	0	4	00	00	96	01	1	058	85	2	5	5	0	1	78	91
	Dinajpur	000	0	0	00	00	95	00	0	051	87	0	0	9	0	0	77	92
	Rangpur	000	0	3	00	00	96	01	1	057	85	1	2	6	1	0	78	91
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	057	87	0	0	9	0	0	63	90
	Sialkot	000	0	0	00	00	97	00	0	062	87	0	0	9	0	0	61	91
Rawalpindi	Jhelum	000	0	0	36	02	96	02	0	062	87	0	0	9	0	0	61	89
	Rawalpindi	000	0	0	27	02	97	00	0	047	80	0	0	9	0	0	63	84
	Campbellpur	000	0	0	00	00	98	00	0	065	86	0	0	9	0	0	74	88
Sargodha	Khushab	000	0	0	31	02	99	00	0	062	92	0	0	9	0	0	56	95
	Lyallpur	000	0	0	00	00	96	00	0	065	92	0	0	9	0	0	59	92
Multan	Montgomery	000	0	0	00	00	97	00	0	068	92	0	0	9	0	0	62	93
	Multan	000	0	0	09	02	97	02	0	068	92	0	0	9	0	0	6.	96
	Leiah	000	0	0	13	02	97	06	0	052	93	0	0	9	0	0	61	95
Bahawalpur	Khanpur	000	0	1	36	02	95	06	0	061	91	1	1	8	0	0	66	95
	Bahawalpur	000	0	0	09	01	98	00	0	086	94	0	0	9	0	0	67	92
	Fort Abbas	000	0	0	02	02	98	00	0	075	80	0	0	9	0	0	66	94
Peshawar	Chakdara	000	0	0	09	02	98	00	0	054	82	0	0	9	0	0	54	85
	Peshawar	000	0	1	02	02	98	02	0	065	86	1	1	6	0	0	56	89
	Haripur	000	0	0	23	02	97	01	1	026	82	0	0	9	0	0	66	90
D. I. Khan	Bannu	000	0	0	00	00	95	10	0	063	85	0	0	9	0	0	67	88
	D. I. Khan	000	0	0	00	00	98	00	0	060	91	0	0	9	0	0	67	93
Quetta	Sibi	000	0	0	05	03	97	30	0	058	99	0	0	9	0	0	49	01
Kalat	Nokkundi	000	0	0	11	03	98	02	0	070	91	0	0	9	0	0	49	94
	Turbat	000	0	0	05	04	97	00	0	044	00	0	0	9	0	0	33	01
	Jiwani	000	0	0	20	09	97	02	0	069	91	0	0	9	0	0	61	97
	Pasni	000	3	0	75	10	96	05	4	058	91	0	0	9	0	0	63	01
Karachi Division	Ormara	000	9	0	27	02	95	05	4	049	93	0	0	9	0	0	32	03
	Las Bela	000	0	0	00	xx	98	00	0	037	05	0	0	9	0	0	75	07
	Karachi (Manora)	000	0	0	27	10	95	05	0	045	86	0	0	9	0	0	79	91
	Karachi (Air Port)	000	0	2	20	07	96	05	0	056	89	0	0	9	0	1	72	99
Hyderabad	Nagarparker	000	0	1	09	02	97	00	0	029	99	0	1	9	0	0	63	01
	Umarkot	000	0	0	29	01	98	02	0	040	95	0	0	9	0	0	72	02
	Hyderabad	000	0	0	02	02	97	02	0	052	95	0	0	9	0	0	54	01
	Badin	000	0	0	23	02	97	00	0	050	99	0	0	9	0	0	52	02
Khairpur	Pad-i-dan	000	0	0	36	10	96	06	0	057	95	0	0	9	0	0	59	97
	Nawabshah	000	0	0	31	07	96	02	0	066	96	0	0	9	0	0	55	99
	Sukkur	000	0	0	34	02	96	02	0	059	92	0	0	9	0	0	69	93
	Kashmore	000	0	0	00	00	99	00	0	076	94	0	0	9	0	0	67	98
	Jacobabad	000	0	0	27	02	96	02	0	062	95	0	0	9	0	0	77	97
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	34	05	98	00	1	493	59	0	0	9	0	0	57	62
Peshawar	Drosh *	000	4	4	23	05	97	03	2	479	75	4	8	7	0	0	37	83
	Cherat *	000	0	8	23	09	98	03	2	471	70	8	7	6	0	0	53	81
	Kakul *	000	8	2	16	03	96	02	1	490	73	2	0	9	1	0	50	78
	Landi Kotal *	000	0	0	13	03	98	00	0	515	77	0	0	9	0	0	55	83
	Parachinar *	000	0	2	13	01	99	01	0	481	71	2	1	9	0	0	38	74
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	480	83	0	0	9	0	0	46	85
	Wana *	000	0	0	05	03	99	00	0	512	77	0	0	9	0	0	27	67
Quetta	Fort Sandeman *	000	0	0	00	00	99	00	0	493	82	0	0	9	0	0	48	84
	Hindubagh *	000	0	0	25	16	97	00	0	483	72	0	0	9	0	0	25	76
	Loralai *	000	0	0	18	02	99	00	0	385	77	0	0	9	0	0	49	82
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	27	02	96	00	0	461	72	0	0	9	0	0	52	73
	Chaman *	000	0	0	23	07	98	00	0	489	77	0	0	9	0	0	13	78
	Nushki *	000	0	0	27	02	98	02	0	548	83	0	0	9	0	0	43	84
	Dalbandin *	000	0	0	07	05	97	02	0	522	87	0	0	9	0	0	49	89
Kalat	Kalat *	000	0	0	34	05	98	00	0	487	64	0	0	9	0	0	39	72
	Panjgur *	000	0	0	36	03	98	02	0	504	82	0	0	9	0	0	21	84
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	003	9	5	18	05	98	01	6	xxx	83	2	8	5	4	3	76	79	—	—	—	—	—	—
	Cox's Bazar	000	0	7	36	02	97	03	2	100	85	5	4	5	3	8	77	77	0	+ 3	160.3	+47.8	173.3	140
	Chittagong	025	2	7	00	00	96	03	9	103	86	7	6	5	0	0	77	78	0	+ 4	121.1	+408	162.1	108
	Maijdee Court	000	9	3	00	00	97	03	0	104	82	3	2	6	0	0	76	77	+ 1	+ [illegible]	64.8	— 3.1	121.0	115
	Comilla	000	0	8	00	00	96	02	2	092	84	8	4	5	x	x	77	81	+	+ 7	60.1	— 5.9	74.4	[illegible]
	Brahmanbaria	000	0	7	13	02	97	03	1	014	83	7	4	5	0	0	77	78	—	—	48.4	— 7.1	64.0	78
	Sylhet	005	9	7	09	05	96	03	9	105	82	4	8	5	3	1	75	75	—	—	97.8	—	—	—
	Srimangal	004	3	7	33	02	95	03	2	xxx	82	3	7	4	5	0	78	75	— 1	+ 4	—	—	—	98
Dacca	Mymensingh	000	0	8	13	02	97	02	1	108	80	8	7	4	x	x	77	78	0	+ 3	—	—	—	91
	Narayanganj	000	0	4	27	02	96	03	1	101	84	4	4	4	0	0	75	78	+ 1	+ 2	56.8	+ 6.4	61.8	74
	Dacca (Tazgaon)	000	0	4	00	00	98	02	1	101	84	3	8	5		1	75	77	—	—	56.6	—	80.1	—
	Faridpur	000	0	2	34	02	96	01	1	098	84	2	5	7	0	0	75	78	+ 2	+ 3	45.1	— 3.7	72.8	71
Khulna	Barisal	000	0	4	13	02	97	02	7	104	87	4	0	9	4	0	77	78	+ 1	+ 3	60.4	+ 4.7	84.9	81
	Khulna	000	0	2	00	00	96	01	1	103	82	2	5	6	0	0	77	77	+ [illegible]	—	42.6	—12.3	54.3	68
	Satkhira	024	9	6	00	00	97	03	1	102	85	4	4	6	3	0	79	76	+ 1	—	34.7	—13.4	56.3	65
	Jessore	004	9	5	18	05	97	02	6	099	83	3	4	6	6	0	75	76	— 1	0	43.7	— 1.7	94.7	65
Rajshahi	Pabna	008	9	2	18	02	98	03	1	098	85	0	0	9	0	8	76	76	—	—	35.0	—	39.3	59
	Sirajganj	000	0	3	00	00	98	03	1	097	85	2	1	4	4	0	76	76	—	—	33.7	—	47.0	64
	Bogra	000	0	6	00	00	96	02	1	097	83	2	5	5	0	1	77	78	+ 2	+ 4	40.8	—11.2	48.4	69
	Dinajpur	000	0	3	00	00	96	01	1	091	xx	3	0	9	4	0	76	78	+ 3	+ 4	36.7	—21.2	51.2	72
	Rangpur	000	0	3	27	02	96	01	2	098	82	2	5	6	1	0	78	77	+ 2	+ 4	53.6	—10.7	59.8	80
Kashmir	Jummu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	093	75	0	0	9	0	0	66	68	— 5	+ 8	35.5	+21.0	50.3	[illegible]
	Sialkot	000	0	0	00	00	97	10	0	074	77	0	0	9	0	0	59	60	— 3	+ 4	27.3		34.8	[illegible]
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	097	71	0	0	9	0	0	63	65	—	—	21.8	—	33.6	[illegible]
	Rawalpindi	000	0	0	00	00	96	10	0	110	65	0	0	9	0	0	59	60	— 7	+ 2	37.0	+13.3	31.7	[illegible]
	Campbellpur	000	0	0	00	00	98	00	0	104	68	0	0	9	0	0	58	59	—	—	10.8	—	11.8	[illegible]
Sargodha	Khushab	000	0	0	09	02	98	00	0	095	77	0	0	9	0	0	60	xx	— 2	x	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	095	75	0	0	9	0	0	67	68	— 3	+ 5	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	091	77	0	0	9	0	0	61	68	— 6	+ 3	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	97	02	0	054	78	0	0	9	0	0	62	76	— 1	+ 12	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	13	02	97	00	0	040	76	0	0	9	0	0	61	65	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	086	73	0	0	9	0	0	65	56	— 3	—	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	23	02	98	00	0	081	82	0	0	9	0	0	67	70	— 5	—	3.0	— 1.8	4.9	6
	Fort Abbas	000	0	0	25	02	98	00	0	095	80	0	0	9	0	0	61	68	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	00	03	97	00	0	100	66	0	0	9	0	0	58	56	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	27	02	96	04	0	105	68	0	0	9	0	0	58	63	— 2	+ 2	7.6	+ 3.1	16.6	11
	Haripur	000	0	0	23	02	97	00	0	096	69	0	0	9	0	0	49	59	—	—	27.6	—	38.5	—
D. I. Khan	Bannu	000	2	0	00	00	96	10	0	097	71	0	0	8	0	0	58	68	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	093	76	0	0	9	0	0	64	69	— 3	+ 6	5.1	— 0.4	7.4	9
Quetta	Sibi	000	0	0	36	02	94	05	4	092	79	0	0	9	0	0	41	67	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	36	03	98	02	0	158	64	0	0	9	0	0	23	57	—	—	0.1	—	1.0	2
	Turbat	000	0	0	13	03	97	00	0	089	85	0	0	9	0	0	29	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	0	36	03	96	02	0	095	77	0	0	9	0	0	51	76	—	—	0.3	—	3.8	5
	Pasni	000	3	0	02	07	96	05	4	097	86	0	0	9	0	0	46	xx	+ 10	x	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	9	0	00	00	95	05	4	078	78	0	0	9	0	0	43	69	—	—	4.4	+ 3.6	9.9	6
	Las Bela	...		...		...				...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	0	09	10	94	10	0	077	77	0	0	9	0	0	71	75	+ 4	+ 1	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	6	0	00	00	96	02	4	085	73	0	0	9	0	0	63	69	—	—	21.2	—	24.6	—
Hyderabad	Nagarparker	000	0	0	00	00	97	00	0	047	79	0	0	9	0	0	59	xx	—	—	26.1	—	27.3	—
	Umarkot	000	0	0	11	02	97	02	0	066	85	0	0	9	0	0	52	72	—	—	15.9	—	18.0	7
	Hyderabad	000	0	0	36	02	95	05	0	018	79	0	0	9	0	0	61	75	+ 1	+ 3	12.0	+ 6.0	12.9	9
	Badin	000	0	0	31	02	97	00	0	083	76	0	0	9	0	0	60	71	+ 6	—	14.0	+ 6.8	14.8	
Khairpur	Pad-i-dan	000	0	0	00	00	96	06	0	084	68	0	0	9	0	0	62	59	—	—	9.6	—	19.8	—
	Nawabshah	000	0	0	00	00	97	02	0	094	72	0	0	9	0	0	64	68	—	—	0.6	—	8.3	4
	Sukkur	000	0	0	00	00	95	02	0	083	76	0	0	9	0	0	68	71	—	—	1.1	—	2.2	—
	Kashmore	000	0	0	00	10	99	00	0	061	78	0	0	9	0	0	71	69	—	—	1.7	—	1.7	4
	Jacobabad	000	0	0	00	00	97	02	0	088	76	0	0	9	0	0	70	69	— 3	+ 3	6.6	+ 4.3	8.3	
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	13	02	98	00	0	507	55	0	0	9	0	0	35	49	— 6	— 1	47.1	+10.7	67.7	59
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					18
	Cherat *	000	0	0	05	03	98	00	0	468	63	0	0	9	0	0	53	57	0	— 2	14.7	+ 2.5	32.7	29
	Kakul *	000	0	0	31	02	99	00	0	502	66	0	0	9	0	0	43	58	—	—	32.6	—	34.9	—
	Landi Kotal *	000	0	0	00	00	97	00	0	487	65	0	0	9	0	0	51	54	—	—	4.0	—	12.7	
	Parachinar *	000	0	0	00	00	99	00	0	508	54	0	0	9	0	0	37	52	— 2	+ 2	18.1	—	28.7	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	484	68	0	0	9	0	0	38	51	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	98	00	0	502	59	0	0	9	0	0	37	xx	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	00	0	513	64	0	0	9	0	0	36	57	— 1	+ 4	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	25	10	97	00	0	481	60	0	0	9	0	0	41	38	—	—	0.8	—	5.6	—
	Loralai *	000	0	0	27	02	99	00	0	362	57	0	0	0	0	0	35	32	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	0	0	0	xx	xx	xx	xx	21.1	+13.6	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	519	54	0	0	9	0	0	19	26	— 4	— 8	1.6	+ 0.5	6.2	9
	Chaman *	000	0	0	09	05	98	00	0	513	64	0	0	9	0	0	08	52	— 3	— 1	0.7	+ 0.4	4.3	8
	Nushki *	000	0	0	00	00	98	02	0	456	68	0	0	9	0	0	35	60	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	23	02	97	02	0	506	56	0	0	9	0	0	34	49	— 1	— 2	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	499	43	0	0	9	0	0	18	34	— 5	— 7	1.2	0.0	12.9	7
	Panjgur *	000	0	0	36	02	98	02	0	509	66	0	0	9	0	0	31	58	— 3	+ 4	2.0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rynkerk	23 164	54 906	1 25 10	98 0 10	11 981	11 4 00	15 1 09	...	03 1 72	12 5 31
Salatiga	33 144	50 306	1 06 09	98 0 20	12 782	11 5 00	16 2 06	...	05 2 72	10 9 21
Rynkerk	33 170	56 412	1 25 11	98 0 20	07 484	00 9 01	15 7 25	...	03 3 77	12 5 31
Salatiga	33 152	51 912	0 19 04	98 0 20	09 181	00 9 00	16 6 17	...	05 1 73	11 9 20
Sirdhan	33 237	67 218	0 20 99	98 0 20	05 381	00 9 00	35 2 10	...	05 3 xx	12 0 21
Rynkerk	33 179	57 718	0 22 06	98 0 20	07 779	00 9 00	15 4 00	...	05 1 77	12 2 xx
Riyadhmanu	33 182	67 418	1 29 07	98 0 20	09 581	11 3 00	66 4 00	...	03 0 xx	12 9 22
Ciskmacalay	33 117	53 118	0 99 01	98 0 20	11 079	00 9 00	25 3 05	...	00 0 78	10 0 x0
BAY OF BENGAL										
Derbyshire	32 058	91 312	6 18 08	98 1 52	10 682	23 4 36	84 3 09	...	00 0 77	11 8 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	007 265 252	079 252 222	...	140 170 130	...	311 142 098	437 015 542	580 578 652	752 652 775	964 778	244 978	428 402	...
Jiwani ...														
Karachi ...	00 00	004 295 215	095 285 258	...	149 215 555	...	312 072 595	438 018 995	582 552 998	754 665 998	964 812	240 018	421 162	658 235
Lahore ...	00 00	984 265 215	072 xxxxxx	...	145 195 145	...	312 060 999	436 598 999	572 738 999	711 865 999	709 960	170 085	346 195	...
Multan ...														
Peshawar ...	00 00	967 180 132	...	...	148 212 095	...	312 080 558	438 012 615	582 995 736	750 702 998	958 830	236 972		
Quetta ...	00 00	834 122 512	...	...	...	...	313 085 562	435 580 999	573 740 989	735 825 998	933 945	198 010	383 055	638 095

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 205 165	800 142 098	584 002 565	...	...	...	...		...	584 002 565	...	...
Jiwani ...													
Karachi ...	00 00	900 272 050	800 168 575	...	...	...	...	...	...	...	800 168 575	...	...
Lahore ...	00 00	900 225 162	800 138 999	...	...	...	...	...	...	...	800 138 999	...	...
Multan ...													
Peshawar ...	00 00	920 242 125	900 232 118	800 172 058	...	...	...	...	...	...	800 172 058	...	...
Quetta ...	00 00	820 120 520	800 108 542	754 072 552	...	...	...	...	...	...	754 072 552	...	...

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

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

UPPRE WIND DATA*

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

Height in Kms. a.s—l	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	18 06	19 06	21 05	27 04	28 04	23 07	22 15	21 15	20 13
Chaklala ...	...	11 02	03 01	33 05	35 02	29 02	30 20	30 23	29 26
Chhor ...	27 07	29 05	33 03	05 05	08 07	01 08	22 01	31 08	30 09
Chittagong ...	25 06	25 05	25 05	23 05	19 02	20 04	14 04	15 07	15 04
Cox's Bazar ...	26 06	27 06	27 05	31 04	...	...	...	...	...
Dacca ...	18 06	18 07	19 04	23 04	25 06	26 10	20 07	22 09	21 08
Dalbandin ...	...	...	07 01	07 03	36 09	33 23	26 11	28 18	29 21
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 10	25 07	...	...	...
Fort Sandeman ...	...	...	...	23 02	23 02	23 08	29 27	30 29	29 35
Jacobabad ...	30 01	33 01	34 02	31 03	31 06	26 05	24 10	21 13	21 17
Jessore ...	23 11	22 10	20 06	17 04	33 05	26 06	...	...	...
Jhelum ...	34 03	30 06	30 05	30 11	28 05	14 05	28 21	28 35	27 41
Jiwani ...	18 06	19 03	26 04	33 05	36 07	36 15	34 13	35 21	36 20
Karachi ...	15 06	11 04	06 04	04 08	02 05	34 05	02 06	03 08	35 02
Khanpur ...	01 08	02 08	02 04	20 03	21 05	27 05	21 06	34 14	35 25
Lahore ...	33 06	33 12	32 12	32 09	25 01	25 01	29 17	28 26	28 32
Multan ...	16 02	18 02	21 03	26 07	28 11	28 12	28 17	28 23	29 24
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 18	01 21	36 23	32 08	34 22	34 19
Peshawar ...	...	27 06	29 05	28 06	30 03	18 06	29 13	29 29	28 39
Quetta ...	...	...	...	...	32 05	27 01	31 20	29 29	27 26
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 06	26 07	26 08	27 09	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

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

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

Height in Kms. a.s—l	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	21 05	17 04	18 06	21 08	23 05	24 08	25 09	26 10	22 13	...	...
Chaklala ...	...	28 02	29 02	01 01	17 02	11 03	30 04	27 14	27 16	26 35	...
Chhor ...	20 07	07 08	06 08	30 07	36 09	03 13	31 08	31 08	29 13	25 14	...
Chittagong ...	30 11	30 09	22 06	35 04	36 04	10 04	...	...	...	...	...
Cox's Bazar ...	31 07	32 04	01 03	04 04	07 06	08 05	...	...	...	...	...
Dacca ...	23 04	20 04	24 03	25 04	28 01	23 04	22 10	21 12	20 10	19 05	17 12
Dalbandin ...	...	...	09 01	35 07	38 18	35 15	35 11	33 12	32 22	30 24	29 36
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	08 05	02 03	17 10	17 11	21 11	24 17	26 29
Fort Sandeman ...	...	...	...	23 01	27 02	26 05	29 11	28 16	28 22	27 25	...
Jacobabad ...	35 07	36 09	36 05	34 01	30 04	34 06	32 09	29 15	27 21	28 27	27 38
Jessore ...	21 05	20 05	20 07	...	...	...	...	...	...	...	...
Jhelum ...	32 02	32 07	32 15	28 06	03 01	13 08	03 12	29 13	27 14	...	...
Jiwani ...	06 11	04 11	05 19	05 28	03 11	01 14	01 14	34 15	32 15	29 15	...
Karachi ...	04 06	03 06	02 06	01 05	03 05	09 15	04 10	34 14	36 10	32 15	...
Khanpur ...	15 04	14 06	14 06	12 02	03 04	31 03	08 06	32 06	34 13	...	...
Lahore ...	35 03	34 04	38 08	33 07	04 04	08 03	28 11	26 15	25 20	25 05	26 47
Multan ...	23 02	21 05	21 04	12 04	24 02	31 04	31 11	32 11	28 15	24 23	26 23
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 16	09 25	02 09	33 14	29 21	29 25	...	...
Peshawar ...	...	06 01	08 01	35 05	34 06	05 03	19 02	22 08	...	...	...
Quetta ...	...	...	...	...	32 05	33 13	32 31	32 28	31 39	32 [illegible]	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	16 03	16 03	18 05	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	28.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	23 02	24 01	24 04	12 04	20 02	25 06	21 38	23 05	22 06	21 05	14 08	11 07	04 05	06 98				
Karachi ...	33 07	36 06	02 06	02 07	03 09	02 15	36 09	30 04	30 09	26 21	27 21	27 24	27 2[illegible]	26 20	20 20	23 08		
Peshawar ...	...	31 10	05 05	18 03	13 03	23 07	31 14	31 18	37 33	26 22	28 38	27 37	22 51	25 26				
Quetta ...	...		...			...	...	...		...			...	...	...			

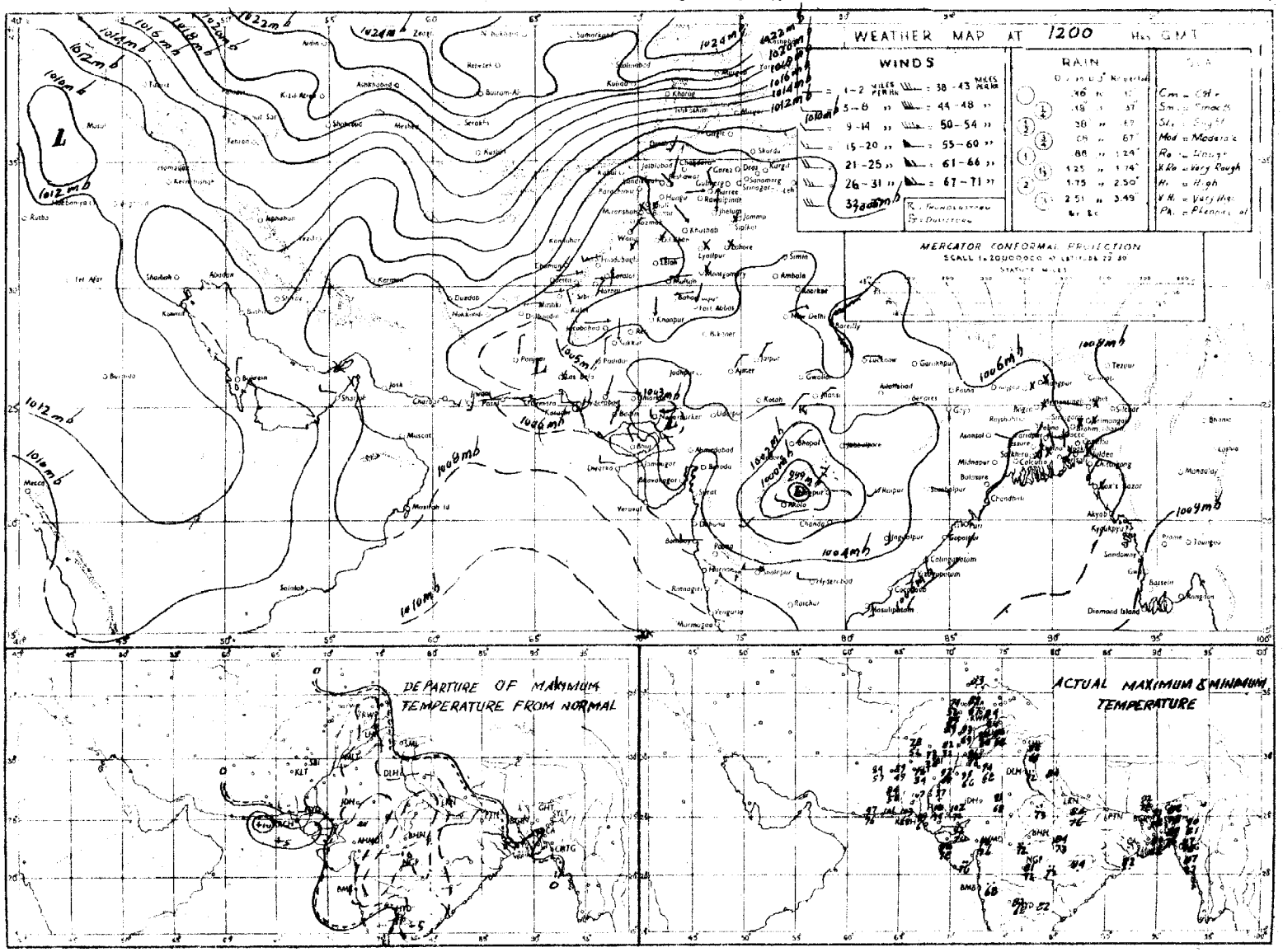
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

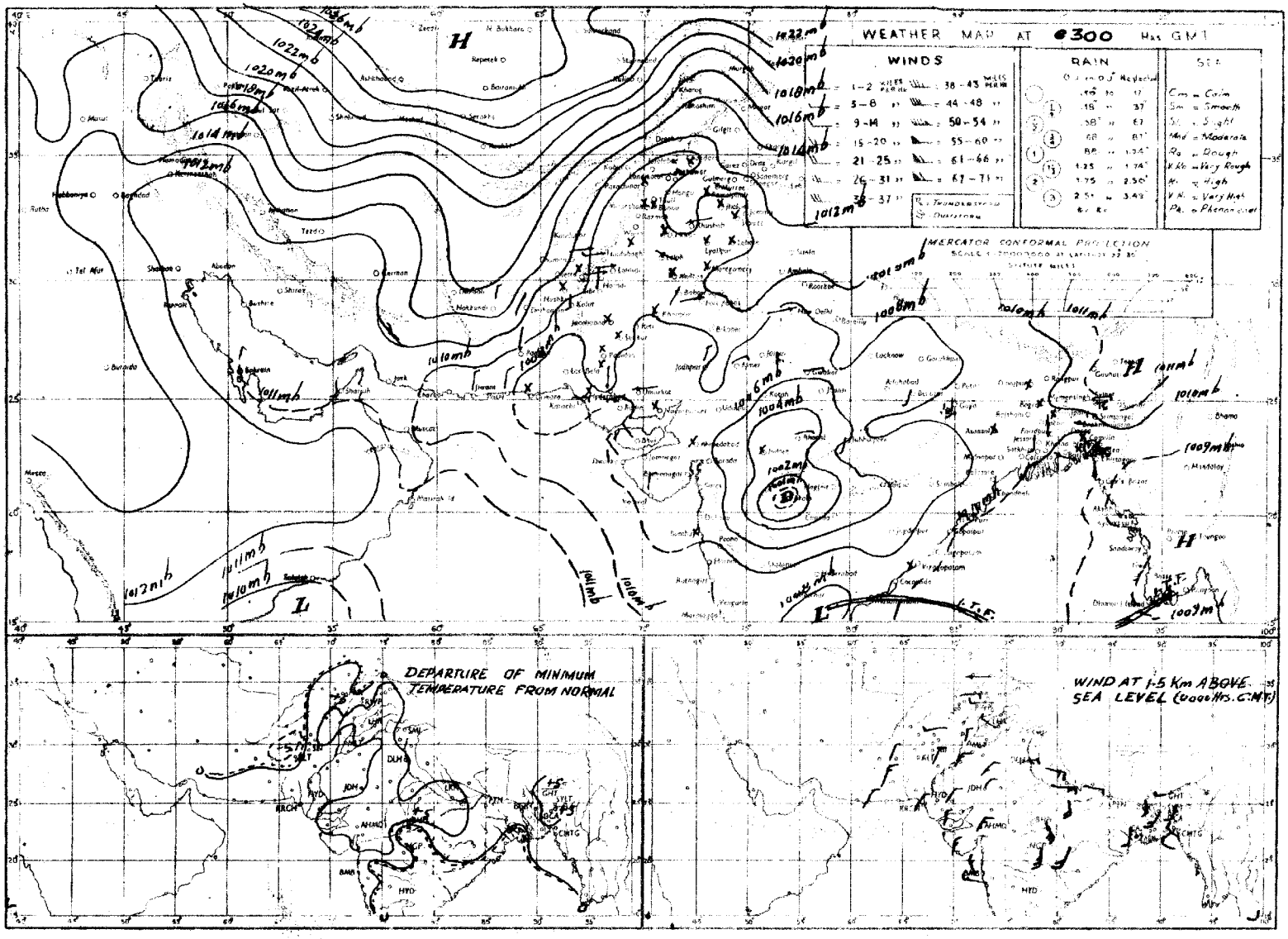
TUESDAY 10th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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THURSDAY THE 12th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The low pressure wave West Bengal become unimportant.

Observations are lacking but believe an easterly low pressure wave is entering north Andaman Sea.

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

Yesterday's depression moved northwards and is centred today at 0300 hours G.M.T. as a deep depression about 60 miles westnorthwest of Bhopal. It is likely to continue moving in the same direction and weaken.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:- Brahmanbaria, Jessore and Sirajganj ¼" each.

Day temperatures were:-5-7°F above normal in Hyderabad, Karachi and coastal Kalat divisions and 3-5 °F below normal in Lahore, Rawalpindi, Multan, Quetta and adjoining Kalat divisions.

Forecast valid until the evening of 13th October, 1961:—Scattered rain/thundershowers will occur in Chittagong division. Weather will remain dry over the rest of the country.

chi-11
12th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Rangamati	000	0	9	18	02	xx	00	1	004	84	9	9	0	x	x	77	92
Cox's Bazar	000	0	6	31	05	xx	13	2	068	83	4	3	5	1	0	77	87
Chittagong	000	0	2	27	03	xx	01	1	070	84	1	0	8	1	4	78	89
Maijdee Court	000	9	4	00	00	83	03	0	063	33	2	0	7	2	0	75	89
Comilla	000	0	3	00	00	96	02	1	053	85	3	5	7	0	0	78	91
Brahmanbaria	021	6	3	00	00	96	03	1	068	84	3	4	5	0	0	77	89
Sylhet	000	0	2	00	00	xx	02	2	061	83	1	2	6	1	1	78	89
Srimangal	000	3	3	00	00	95	01	0	xxx	83	3	6	4	0	0	78	89
Mymensingh	000	3	8	00	00	97	02	9	072	80	8	7	4	x	x	76	88
Narayanganj	000	9	2	00	00	88	03	1	071	86	1	4	4	0	1	74	93
Dacca (Tezgaon)	000	9	3	00	00	98	02	1	063	85	2	3	5	0	3	76	91
Faridpur	000	0	4	00	00	96	01	1	066	86	4	4	7	0	0	79	90
Barisal	000	0	4	00	00	97	02	2	066	87	4	0	9	8	0	77	91
Khulna	000	0	4	00	00	96	01	1	074	82	4	5	6	0	0	75	90
Satkhira	000	0	7	00	00	95	03	5	068	80	5	4	5	3	x	79	91
Jessore	018	2	8	18	03	95	60	6	077	76	8	8	5	x	x	73	90
Pabna	000	0	4	00	00	xx	03	1	066	86	3	9	6	0	1	78	91
Sirajganj	025	7	1	00	00	97	02	6	063	85	1	1	5	0	0	78	91
Bogra	000	0	5	00	00	96	01	2	066	85	2	1	6	0	1	77	91
Dinajpur	000	0	0	00	00	95	00	0	049	86	0	0	9	0	0	77	92
Rangpur	005	2	5	13	02	96	01	6	067	82	5	4	6	0	0	79	89
Jummu																	
Lahore (Jail Rd.)	000	0	0	36	02	95	05	0	057	89	0	0	9	0	0	62	91
Sialkot	000	0	0	00	00	97	10	0	043	88	0	0	9	0	0	59	92
Jhelum	000	0	1	31	03	96	02	0	044	88	1	1	7	0	0	59	93
Rawalpindi	000	0	0	07	02	98	00	0	055	82	0	0	9	0	0	60	87
Campbellpur	000	0	0	00	00	98	00	0	990	87	0	0	9	0	0	50	89
Khushab	000	0	4	00	00	99	02	1	058	92	0	0	9	0	7	54	95
Lyallpur	000	0	0	00	00	96	00	0	063	91	0	0	9	0	0	51	91
Montgomery	000	0	0	00	00	96	00	0	046	92	0	0	9	0	0	59	95
Multan	000	0	0	00	00	97	02	0	049	92	0	0	9	0	0	56	96
Leiah	000	0	0	18	01	97	00	0	040	93	0	0	9	0	0	61	96
Khanpur	000	0	0	36	02	96	02	0	059	92	0	0	9	0	0	60	97
Bahawalpur	000	0	0	05	01	98	00	0	xxx	94	0	0	9	0	0	64	96
Fort Abbas	000	0	0	36	02	98	00	0	047	89	0	0	9	0	0	83	96
Chakdara	000	0	0	00	00	98	00	0	038	82	0	0	9	0	0	54	88
Peshawar	000	0	0	00	00	96	05	0	055	86	0	0	9	0	0	59	88
Haripur	000	0	0	13	02	97	00	0	048	84	0	0	9	0	0	60	89
Bannu	000	0	0	18	02	98	00	0	051	86	0	0	9	0	0	57	90
D. I. Khan	000	0	0	00	00	98	00	0	051	91	0	0	9	0	0	64	94
Sibi	000	0	0	00	00	97	00	0	042	01	0	0	9	0	0	58	02
Nokkundi	000	0	0	02	09	98	02	0	087	85	0	0	9	0	0	37	90
Turbat	000	0	0	07	06	95	07	0	059	00	0	0	9	0	0	33	02
Jiwani	000	0	0	20	09	97	02	0	067	94	0	0	9	0	0	72	97
Pasni	000	2	8	20	07	97	00	4	055	94	0	0	9	0	0	59	99
Ormara	000	5	0	18	03	96	00	4	049	98	0	0	9	0	0	37	02
Las Bela																	
Karachi (Manora)	000	0	0	29	12	97	02	0	047	85	0	0	9	0	0	76	89
Karachi (Air Port)	000	0	0	23	07	96	02	0	047	94	0	0	9	0	0	61	00
Nagarparkar	000	0	1	00	00	97	00	0	036	94	0	0	9	1	0	54	98
Umerkot	000	0	0	29	02	98	02	0	034	96	0	0	9	0	0	55	01
Hyderabad	000	0	3	00	00	97	03	0	049	96	0	0	8	0	1	66	02
Badin	000	0	0	18	02	97	00	0	049	96	0	0	9	0	0	64	00
Pad-i-dan	000	0	0	36	07	97	02	0	051	96	0	0	9	0	0	52	00
Nawabshah	000	0	0	00	00	96	01	0	059	98	0	0	9	0	0	53	00
Sukkur	000	0	0	02	02	97	02	0	051	93	0	0	9	0	0	60	97
Kashmore	000	0	0	00	00	99	00	0	058	95	0	0	9	0	0	64	93
Jacobabad	000	0	0	18	02	97	03	0	050	98	0	0	9	0	0	76	98
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	0	0	00	00	98	00	0	477	61	0	0	9	0	0	49	xx
Drosh *	000	5	4	73	07	97	01	2	474	76	3	2	7	4	0	4	83
Cherat *	000	0	0	31	03	96	00	0	403	73	0	0	9	0	0	45	78
Kakul *	000	0	0	22	02	99	00	0	429	75	0	0	9	0	0	51	80
Landi Kotal *	000	0	1	03	04	97	00	0	472	79	0	0	9	0	0	55	83
Parachinar *	000	0	2	13	01	99	00	0	458	72	7	0	9	2	0	37	74
Miranshah *	000	0	0	00	00	99	00	0	511	84	0	0	9	0	0	42	86
Wana *	000	0	0	13	02	99	00	0	505	76	0	0	9	0	0	29	86
Fort Sandeman *	000	0	0	02	01	99	02	0	488	62	0	0	9	0	0	44	83
Hindubagh *	000	0	0	25	14	97	00	0	471	69	0	0	9	0	0	36	77
Loralai *	000	0	0	11	02	99	00	0	403	76	0	0	9	0	0	47	82
Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	31	02	96	00	0	474	78	0	0	9	0	0	80	79
Chaman *	000	0	0	18	03	98	00	0	489	75	0	0	9	0	0	00	77
Nushki *	000	0	0	27	05	98	02	0	531	82	0	0	9	0	0	64	83
Dalbandin *	000	0	0	09	03	98	02	0	512	85	0	0	9	0	0	37	87
Kalat *	000	0	0	34	03	98	00	0	467	64	0	0	9	0	0	29	73
Panjgur *	000	0	0	05	12	98	02	0	498	81	0	0	9	0	0	17	82
Kabul *																	
Kandhar *																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	0	5	18	02	99	03	2	120	87	3	4	5	7	4	74	78
Cox's Bazar	000	2	7	27	09	97	02	9	114	83	4	4	5	7	0	75	78
Chittagong	000	0	5	00	00	96	02	1	111	86	2	2	7	1	4	77	79
Maijdee Court	000	0	3	00	00	97	01	0	113	84	2	2	6	1	0	78	79
Comilla	000	0	3	18	02	96	02	1	096	88	3	4	7	0	0	78	78
Brahmanbaria	021	0	3	13	02	97	03	1	111	86	1	5	5	0	2	77	80
Sylhet	000	0	1	09	05	96	01	1	109	84	1	1	6	3	0	78	xx
Srimangal	000	0	2	00	00	96	00	0	xxx	87	0	0	5	2	0	79	74
Mymensingh	000	0	0	00	00	97	00	0	118	86	0	0	9	0	0	77	76
Narayanganj	000	9	2	00	00	96	03	0	109	89	2	4	4	0	0	76	80
Dacca (Tezgaon)	000	0	3	00	00	98	02	1	106	87	2	8	5	0	1	79	79
Faridpur	000	0	5	00	00	97	02	1	105	86	3	3	7	0	5	77	78
Barisal	000	0	3	18	02	97	02	0	112	96	3	0	9	4	0	77	79
Khulna	000	0	5	00	00	97	01	2	113	84	5	5	6	0	0	77	78
Satkhira	000	0	3	00	00	97	01	1	113	85	2	2	9	3	0	78	77
Jessore	018	0	4	18	02	96	02	2	112	81	2	4	6	6	0	78	75
Pabna	011	9	7	23	05	97	03	9	110	80	7	8	7	0	0	79	78
Sirajganj	025	9	8	00	00	98	02	6	112	84	8	4	5	x	x	78	75
Bogra	000	0	5	00	00	96	03	1	111	86	4	5	5	2	0	81	79
Dinajpur	000	0	4	00	00	96	02	1	091	85	4	0	9	2	0	76	78
Rangpur	005	0	4	05	02	96	01	2	115	84	2	2	6	1	0	79	77
Jummu																	
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	093	73	0	0	9	0	0	63	64
Sialkot	000	0	0	00	00	97	10	0	092	77	0	0	9	0	0	63	67
Jhelum	000	0	0	00	00	96	02	0	095	69	0	0	9	0	0	61	59
Rawalpindi	000	0	0	36	02	96	02	0	063	65	0	0	9	0	0	55	57
Campbellpur	000	0	0	00	00	98	00	0	102	69	0	0	9	0	0	57	59
Khushab	000	0	0	00	00	99	00	0	086	76	0	0	9	0	0	63	74
Lyallpur	000	0	0	00	00	94	05	4	080	73	0	0	9	0	0	56	62
Montgomery	000	0	0	00	00	96	05	0	088	75	0	0	9	0	0	61	68
Multan	000	0	0	00	00	95	04	0	083	81	0	0	9	0	0	64	72
Leiah	000	0	0	18	01	97	00	0	025	77	0	0	9	0	0	63	64
Khanpur	000	0	0	00	00	95	05	0	084	76	0	0	9	0	0	62	65
Bahawalpur	000	0	0	00	00	98	00	0	093	81	0	0	9	0	0	68	68
Fort Abbas	000	0	0	02	02	98	00	0	096	77	0	0	9	0	0	61	xx
Chakdara	000	0	0	00	00	97	00	0	101	64	0	0	9	0	0	47	55
Peshawar	000	0	0	00	00	96	05	0	103	67	0	0	9	0	0	57	61
Haripur	000	0	0	23	02	97	00	0	092	70	0	0	9	0	0	46	58
Bannu	000	0	0	00	00	99	00	0	088	74	0	0	9	0	0	55	64
D. I. Khan	000	0	0	00	00	98	00	0	086	73	0	0	9	0	0	63	67
Sibi	000	2	0	05	02	94	05	4	091	67	0	0	9	0	0	45	61
Nokkundi	000	0	0	34	03	98	00	0	157	59	0	0	9	0	0	29	53
Turbat	000	0	0	13	03	97	00	0	089	81	0	0	9	0	0	39	xx
Jiwani	000	0	0	36	05	97	02	0	098	84	0	0	9	0	0	31	75
Pasni	000	0	0	29	02	97	00	0	091	78	0	0	9	0	0	49	xx
Ormara	000	0	0	00	00	96	00	0	079	75	0	0	9	0	0	58	68
Las Bela																	
Karachi (Manora)	000	0	0	00	00	94	10	0	080	78	0	0	9	0	0	75	76
Karachi (Air Port)	000	0	0	00	00	96	10	0	085	71	0	0	9	0	0	69	67
Nagarparkar	000	0	0	00	00	97	00	0	067	79	0	0	9	0	0	57	xx
Umerkot	000	0	0	00	00	97	00	0	072	75	0	0	9	0	0	53	67
Hyderabad	000	0	0	00	00	95	05	0	080	77	0	0	9	0	0	64	72
Badin	000	0	0	23	02	97	00	0	101	75	0	0	9	0	0	70	72
Pad-i-dan	000	0	0	00	00	96	02	0	082	68	0	0	9	0	0	59	61
Nawabshah	000	0	0	00	00	96	02	0	092	73	0	0	9	0	0	59	65
Sukkur	000	0	0	00	00	94	02	0	080	76	0	0	9	0	0	59	68
Kashmore	000	0	0	00	00	99	00	0	080	77	0	0	9	0	0	66	67
Jacobabad	000	0	0	00	00	97	02	0	083	75	0	0	9	0	0	64	66
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	0	0	27	02	98	00	0	505	76	0	0	9	0	0	30	50
Drosh *	000	9	0	00	00	99	02	0	517	57	0	0	9	0	0	34	56
Cherat *	000	0	0	34	07	98	00	0	468	62	0	0	9	0	0	51	59
Kakul *	000	0	0	05	02	99	00	0	498	67	0	0	9	0	0	40	58
Landi Kotal *	000	0	0	00	00	97	00	0	488	66	0	0	9	0	0	48	54
Parachinar *	000	0	0	00	00	59	00	0	506	53	0	0	9	0	0	35	50
Miranshah *	000	0	0	00	00	99	00	0	472	67	0	0	9	0	0	39	58
Wana *	000	0	0	00	00	99	00	0	513	58	0	0	9	0	0	31	48
Fort Sandeman *	000	0	0	00	00	99	02	0	508	63	0	0	9	0	0	38	54
Hindubagh *	000	0	0	27	05	97	00	0	503	56	0	0	9	0	0	30	40
Loralai *	000	0	0	29	13	99	00	0	374	58	0	0	9	0	0	34	36
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	510	52	0	0	9	0	0	02	34
Chaman *	000	0	0	09	03	98	00	0	509	59	0	0	9	0	0	49	49
Nushki *	000	0	0	05	05	98	02	0	545	65	0	0	9	0	0	37	59
Dalbandin *	000	0	0	00	00	86	05	0	504	56	0	0	9	0	0	27	47
Kalat *	000	0	0	16	03	98	00	0	494	50	0	0	9	0	0	19	33
Panjgur *	000	0	0	03	02	98	02	0	505	63	0	0	9	0	0	20	54
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 1	+ 4	160.3	+47.7	173.3	140
Chittagong	+ 2	+ 5	121.1	+40.6	162.1	108
Maijdee Court	+ 2	+ 5	64.8	— 3.4	121.0	115
Comilla	+ 2	+ 4	60.1	— 6.2	74.4	94
Brahmanbaria	—	—	48.6	— 3.0	64.2	78
Sylhet	—	—	97.8	—	—	—
Srimangal	— 1	+ 3	—	—	—	98
Mymensingh	0	+ 1	44.1	—21.8	67.5	91
Narayanganj	+ 4	+ 4	56.8	+ 6.2	61.8	74
Dacca (Tezgaon)		—	56.5	—	80.1	—
Faridpur	+ 3	+ 3	45.1	— 3.9	72.8	71
Barisal	+ 3	+ 4	60.4	+ 1.5	84.9	81
Khulna	—	—	42.6	— 8.0	54.3	68
Satkhira	—	—	34.7	—13.6	56.3	65
Jessore	+ 1	— 1	43.9	— 1.7	51.9	65
Pabna	—	—	35.1	—	39.4	57
Sirajganj	—	—	33.9	—	47.3	64
Bogra	+ 3	+ 5	40.8	—11.6	48.4	69
Dinajpur	+ 3	+ 4	36.7	—21.4	51.2	72
Rangpur	0	+ 4	53.6	—10.8	59.8	84
Jummu						
Lahore (Jail Rd.)	— 5	+ 4	35.5	+21.0	50.3	19
Sialkot	— 1	+ 3	27.3	+ 1.6	34.4	32
Jhelum	—	—	21.8	—	33.6	—
Rawalpindi	— 3	— 1	37.0	+13.2	37.7	36
Campbellpur	—	—	10.8	—	14.8	—
Khushab	0	+ 9	7.1	+ 3.2	11.1	15
Lyallpur	— 3	— 1	10.9	+ 1.6	13.9	12
Montgomery	— 3	+ 3	4.6	— 2.9	10.1	10
Multan	+ 1	+ 8	5.5	+ 0.6	7.6	7
Leiah	—	—	9.3	—	10.4	8
Khanpur	—	—	11.1	+ 6.3	12.6	6
Bahawalpur	—	—	3.0	— 1.2	4.9	6
Fort Abbas	—	—	3.1	—	3.1	9
Chakdara	—	—	12.2	—	25.3	—
Peshawar	— 1	0	7.6	+ 3.1	16.6	11
Haripur	—	—	27.6	—	38.5	—
Bannu	—	—	5.5	—	12.9	11
D. I. Khan	0	+ 4	5.1	— 0.4	7.4	9
Sibi	—	—	3.5	—	5.4	5
Nokkundi	—	—	0.1	—	1.0	2
Turbat	—	—	4.6	—	11.3	—
Jiwani	—	—	0.3	—	3.8	5
Pasni	+ 7	—	2.0	+ 1.1	5.4	6
Ormara	—	—	4.4	+ 3.6	9.9	6
Las Bela						8
Karachi (Manora)	+ 1	+ 2	9.7	+ 3.7	9.8	8
Karachi (Air Port)	—	—	21.2	—	24.6	—
Nagarparkar	—	—	26.1	—	27.3	—
Umerkot	—	—	15.9	—	18.0	—
Hyderabad	+ 5	0	12.0	+ 6.0	12.9	7
Badin	—	—	14.0	+ 6.0	14.8	9
Pad-i-dan	—	—	9.6	—	11.1	—
Nawabshah	—	—	0.6	—	8.3	—
Sukkur	—	—	1.1	—	2.2	4
Kashmore	—	—	1.7	—	1.7	—
Jacobabad	— 1	0	6.6	+ 4.3	8.3	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	×	0	47.1	+10.6	67.7	59
Drosh *	+ 5	+ 2	—	—	—	18
Cherat *	— 1	0	14.7	+ 2.4	32.7	29
Kakul *	—	—	32.6	—	34.9	—
Landi Kotal *	—	—	4.0	—	12.7	—
Parachinar *	— 1	0	18.1	—	28.7	28
Miranshah *	—	—	3.1	—	7.7	14
Wana *	—	—	—	—	—	11
Fort Sandeman *	+ 1	+ 1	5.1	+ 0.1	11.2	11
Hindubagh *	—	—	0.8	—	5.8	—
Loralai *	—	—	2.7	—	5.6	9
Harnai *	—	—	21.1	+13.5	24.7	14
Quetta *	— 1	— 10	1.6	+ 0.5	4.2	9
Chaman *	— 2	— 4	0.7	+ 0.4	6.3	8
Nushki *	—	—	1.0	—	3.8	—
Dalbandin *	— 3	— 4	1.3	+ 1.0	2.7	4
Kalat *	— 3	— 8	1.2	— 0.0	12.9	7
Panjgur *	— 5	0	2.0	—	5.0	5
Kabul *						12
Kandhar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 12th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_w$…
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	43 191	65 900	0 29 07	98 0 20	08 079	00 9 00	66 4 00	...	03 0 xx	12 9 22
Isedora	43 170	55 406	3 24 13	98 0 20	10 781	32 3 00	56 1 07	...	00 0 75	12 4 22
Victoria	43 206	61 006	5 21 07	98 0 31	xx x84	31 6 00	17 2 20	...	03 0 79	13 1 21
Rignkir	43 198	60 206	3 24 05	98 0 20	09 681	10 5 81	15 1 05	...	00 1 73	12 3 20
Salatiga	43 171	56 4?6	2 23 09	98 0 20	10 982	11 5 00	16 2 09	...	05 2 73	12 3 22
Riyadhmaru	43 210	62 812	5 28 10	98 0 20	07 582	21 5 02	66 4 00	...	00 2 xx	12 8 33
Rijnkerk	43 209	61 612	4 06 08	98 0 11	06 899	13 5 05	15 6 24	...	03 1 75	12 6 21
Astrolabe	43 231	59 412	1 04 08	98 0 20	09 086	00 9 31	35 6 10	...	00 0 81	10 x xl
Asia	43 238	65 412	0 24 05	96 0 00	06 384	00 9 00	57 4 03	...	00 2 79	12 4 xx
Isidora	43 163	53 812	0 24 15	98 0 11	08 379	00 9 00	56 7 18	...	00 3 75	12 4 22
Caltex Utrecht	43 199	70 118	0 28 13	98 0 23	08 082	00 9 00	...	...	05 1 77	12 6 23
Clanmaely	43 106	59 518	3 27 07	98 0 31	11 680	31 5 00	25 2 10	...	05 1 76	12 7 21
Rijnkerk	43 219	62 918	0 33 05	98 0 10	07 981	00 9 00	15 2 04	...	05 2 75	17 3 xx
Asia	43 226	63 618	0 24 08	97 0 00	06 382	00 9 00	57 4 00	...	05 2 81	12 4 xx
BAY OF BENGAL										
Yuyomaru	43 202	84 2?6	1 26 07	98 0 20	11 084	15 5 00	66 2 15	...	00 2 xx	12 8 22
Tokeimaru	43 058	88 506	7 18 05	98 0 20	11 681	44 5 22	64 8 10	...	05 3 75	11 3 21
Hikumaru	42 013	84 706	3 09 10	98 0 21	10 586	34 4 10	14 6 10	...	00 4 75	11 0 34
Shropshire	43 177	86 816	1 21 09	99 0 28	10 787	11 4 .0	16 1 10	...	...	12 1 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	008 265 252	084 255 218	...	144 145 102	...	311 072 502	436 602 999	579 622 999	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	005 242 198	063 232 122	...	149 230 999	...	313 082 999	439 035 999	583 582 999	754 668 999	966 762	248 938	437 065	683
Lahore ...	00 00	984 258 182	068 xxxxxx	...	143 145 088	...	306 525 999	435 645 999	559 825 999	...	...	—	—	...
Multan ...														
Peshawar ...	23 00	966 175 122	...	...	142 208 065	...	310 088 545	435 508 662	577 618 808	745 722 999	951 838	228 972	...	...
Quetta ...	00 00	834 102 525	...	...	...	...	313 065 656	438 505 999	581 595 999	751 668 999	964 748	253 860	453 910	726

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHH…
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 182 138	600 142 102	...	...	...	...	...		...	800 142 102	...	...
Jiwani ...													
Karachi ...	00 00			...	...	...	...	...	—	...	100 232 999	...	...
Lahore ...	00 00	900 208 128		—	—	—	...	...	—	...	900 202 128	...	...
Multan ...													
Peshawar ...	23 00	900 222 212	890 225 102	800 172 038	659 032 588	553 575 725	...	...	—	...	553 575 725	...	...
Quetta ...	00 00	800 102 525	760 112 568	...	...	—	...	...	...	...	760 112 568	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	16 07	16 07	13 07	14 06	16 04	23 03
Chaklala ...	...	08 08	11 03	31 01	16 04	24 06
Chhor ...	04 07	04 05	02 06	01 06	01 08	36 19
Chittagong ...	04 08	03 09	03 06	09 05	10 03	36 06
Cox's Bazar ...	01 07	02 05	04 05	...	...	...
Dacca ...	07 04	08 04	07 09	09 04	12 03	28 05
Dalbandin ...	...	...	06 07	01 06	38 09	38 17
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	35 07	25 05	22 10
Fort Sandeman ...	...	...	...	22 05	31 05	34 06
Jacobabad ...	20 30	02 03	10 03	21 04	25 13	11 13
Jessore ...	...	...	...	...	...	...
Jhelum ...	02 04	30 04	29 06	28 04	13 02	35 06
Jiwani ...	01 12	35 10	36 09	34 04	35 06	35 17
Karachi ...	...	...	...	...	...	...
Khanpur ...	13 10	13 10	14 08	34 05	26 09	32 06
Lahore ...	27 04	29 05	31 04	24 05	03 06	04 04
Multan ...	18 02	21 05	15 02	02 02	13 04	09 08
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 19	36 17	02 08
Peshawar ...	...	08 05	05 05	34 05	32 04	29 05
Quetta ...	...	...	...	...	32 02	30 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	07 06	07 02	06 03	02 03	28 01	24 05
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2
STATION	17	18	19	20	21	22	23	24	25	26
Bogra ...	17 08	16 07	16 18	17 08	16 05	...	...	...	...	...
Chaklala ...	...	19 01	16 03	08 03	06 03	13 01	31 09	20 17	38 35	...
Chhor ...	07 02	04 02	04 03	34 05	35 06	05 12	01 19	36 19	34 21	...
Chittagong ...	27 03	27 04	28 02	...	...	...	...	...	...	...
Cox's Bazar ...	19 04	13 06	14 08	...	...	...	...	...	...	...
Dacca ...	47 05	10 03	10 03	15 04	15 04	15 05	09 05	06 05	07 04	09 06
Dalbandin ...	...	...	30 05	34 04	35 07	33 09	31 05	xx xx	27 19	30 16
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 06	02 03	25 02	26 17	24 19	27 34
Fort Sandeman ...	...	...	...	25 03	26 02	19 07	29 12	28 27	29 36	...
Jacobabad ...	32 03	01 01	36 01	06 01	08 03	35 07	32 18	...	...	...
Jessore ...	17 02	17 06	14 04	16 06	12 10	...	...	...	...	...
Jhelum ...	17 02	21 03	27 02	27 04	25 02	33 09	28 11	27 18	27 22	28 31
Jiwani ...	03 19	02 24	02 21	35 09	34 09	33 17	07 06	05 08	08 09	...
Karachi ...	25 06	23 06	24 08	22 05	04 06	05 09	...	...	...	...
Khanpur ...	16 05	14 06	14 06	20 03	27 04	31 11	02 13	04 13	01 15	...
Lahore ...	32 02	35 01	35 06	33 04	23 02	03 09	06 04	28 12	30 17	28 19
Multan ...	23 03	23 03	18 02	04 02	01 04	05 07	31 13	31 45	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	04 12	02 23	07 10	34 01	34 05	32 14	33 16
Peshawar ...	...	08 01	03 01	31 08	31 06	31 11	...	...	...	...
Quetta ...	...	...	...	...	32 03	34 05	28 10	28 34	29 17	32 27
Sharjah ...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 01	18 01	10 03	10 05	16 03	17 03	30 03	28 01	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—l→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	[illegible]
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	[illegible]
Chittagong ...															...	...	...	...
Dacca ...	11 03	06 04	06 05	06 05	09 04	16 08	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	30 08	30 08	24 07	24 04	19 05	03 11	02 16	01 15	02 15	34 15	31 24	27 22	27 31	27 45	...	...	...	...
Peshawar ...	...	02 03	02 05	11 06	01 02	23 21	21 29	29 21	29 60	29 37	29 56	28 80	28 82	77 56	...	...	...	...
Quetta ...	...	...	...	—	...	—	—	...	...	...		—	...	...	...	...	...	...

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

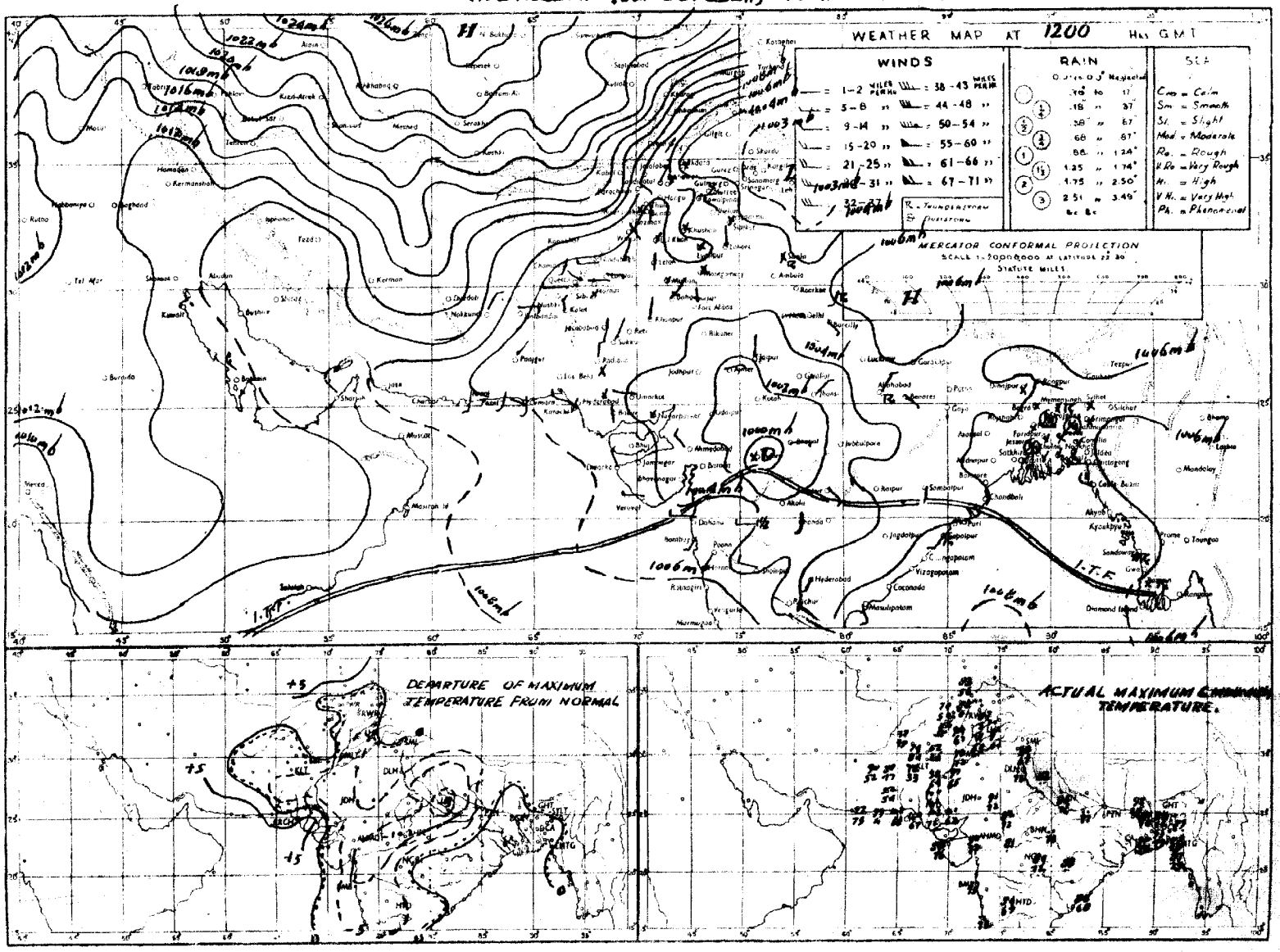
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 917 01 202

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

PAKISTAN DAILY WEATHER MAP

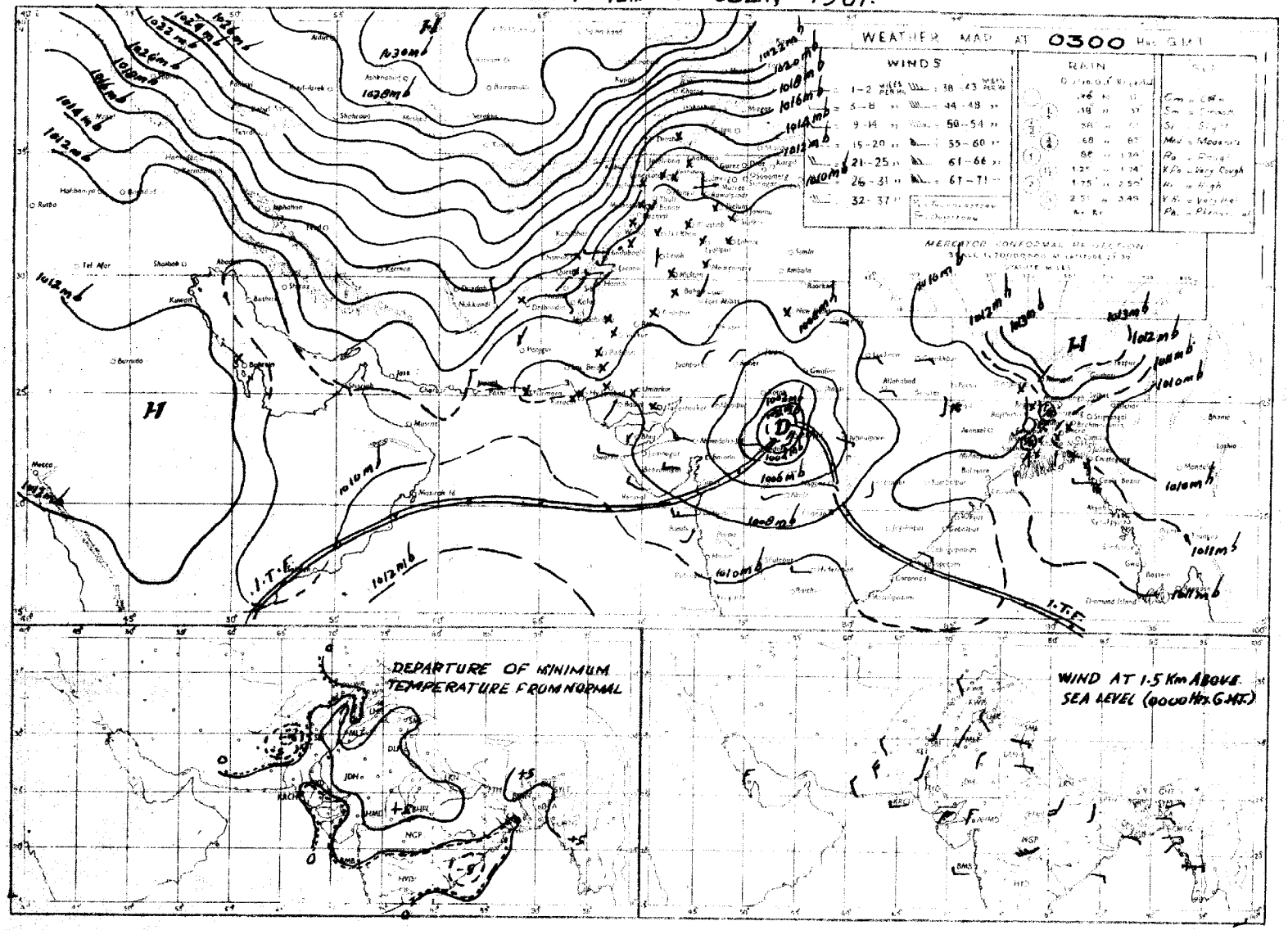
WEDNESDAY 11th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 12th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 13th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's easterly low pressure wave entering north Andaman Sea now extends furthere westwards.

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

Yesterday's deep depression moved northeastwards and lies at 0300 hours G.M.T. today with its center near Kanpur. It is likely to continue move in the same direction and weaken.

A westerly low pressure wave is moving across Peshawar division and adjoining areas.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are:- Rangamati 4", Bogra 3", Comilla and Faridpur 1½" each, Chittagong, Sylhet, Mymensingh, Barisal and Sirajganj ½" each and Srimangal, Sathkhira and Jessore ¼" each.

Day temperatures were:–5–7°F above normal in Hyderabad, Karachi and coastal Kalat divisions and 3-5 °F below normal in Lahore, Multan, Quetta and adjoining Kalat divisions.

Forecast valid until the evening of 14th October, 1961:—Rain/thundershowers will be local in East Pakistan. Scattered thunderstorm/showers may also occur in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 13th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

Divisions	Stations	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wt	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxT	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	125	1	9	18	05	xx	95	9	089	73	9	x	8	x	x	72	92	398	8	4	36	02	98	01	9	133	78	2	7	5	5	4	74	77	—	—	115.3	—	122.7	—
	Cox's Bazar	000	9	8	23	02	96	17	9	085	83	6	9	5	7	x	75	88	006	9	5	13	02	57	01	9	136	87	3	5	5	3	8	78	76	0	+ 2	163.4	+47.5	173.4	140
	Chittagong	000	0	8	00	09	95	29	2	086	84	7	9	4	2	x	78	90	055	9	5	05	02	97	01	9	121	80	4	0	8	5	2	75	73	+ 3	— 1	121.7	+41.0	162.7	108
	Maijdee Court	005	3	7	31	05	93	50	6	081	79	3	2	5	7	0	77	91	010	6	7	00	00	96	03	6	128	80	0	0	6	2	x	74	74	+ 4	0	64.9	— 3.6	121.1	115
	Comilla	056	3	8	16	02	96	03	6	070	79	8	4	4	x	x	76	91	156	8	3	00	00	97	01	6	103	84	3	5	2	0	0	75	74	+ 2	0	51.6	—14.9	75.9	94
	Brahmanbaria	000	1	7	00	00	xx	17	9	080	82	7	3	5	0	0	76	90	000	0	4	05	02	97	03	1	129	81	4	5	5	0	0	75	74	—	—	48.6	— 3.1	64.2	70
	Sylhet	000	0	6	00	00	xx	02	2	071	83	1	2	6	0	2	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Srimangal	000	0	0	00	00	94	00	0	xxx	83	0	0	9	0	0	78	92	021	2	8	05	03	95	02	5	xxx	81	0	0	4	4	0	77	74	+ 1	+ 3	35.0	—27.3	40.0	90
Dacca	Mymensingh	000	0	8	00	00	97	02	2	079	79	8	7	4	x	x	76	90	052	3	8	00	00	97	02	9	133	76	8	7	4	x	x	73	73	+ 2	— 2	44.6	—21.6	61.0	91
	Narayanganj	002	5	8	00	00	xx	29	2	079	80	8	4	3	x	x	74	91	013	3	7	13	02	95	08	6	120	79	7	4	3	0	0	75	75	+ 2	— 1	50.2	+ 7.3	61.2	74
	Dacca (Tezgaon)	007	7	8	00	00	97	95	9	077	78	8	3	5	x	x	74	88	008	9	4	13	05	97	01	9	121	82	2	8	6	3	1	76	76	—	—	56.6	—	80.2	—
	Faridpur	130	0	8	00	00	95	95	9	072	76	2	9	5	1	x	75	90	145	0	6	11	02	96	02	2	125	81	4	5	5	1	0	74	74	+ 3	— 1	46.6	— 2.8	74.2	71
Khulna	Barisal	030	5	8	00	00	96	02	6	080	79	8	5	5	x	x	76	92	042	9	3	00	00	97	03	9	127	87	3	0	9	4	0	77	78	+ 4	+ 2	60.8	+ 1.9	85.4	81
	Khulna	000	0	7	00	00	xx	03	2	092	79	7	4	4	0	0	75	92	000	0	6	00	00	96	02	1	126	83	6	5	6	0	0	77	77	—	—	42.6	— 8.2	54.3	60
	Satkhira	000	0	8	53	02	95	03	1	078	84	6	4	4	3	x	74	92	034	9	4	00	00	97	03	6	122	85	2	2	7	3	0	76	75	—	—	35.0	—13.5	56.7	48
	Jessore	000	0	8	36	07	95	03	2	073	80	8	8	5	x	x	73	89	016	9	6	18	02	96	03	6	125	81	4	5	5	4	0	78	74	0	— 2	44.0	— 6.7	55.0	65
Rajshahi	Pabna	000	4	8	09	05	xx	29	9	073	79	8	9	6	x	x	75	91	007	9	6	13	05	98	03	9	127	83	4	8	7	7	0	77	78	—	—	35.2	—	39.5	59
	Sirajganj	050	5	8	00	00	96	02	9	071	78	8	7	5	x	x	75	89	050	x	7	00	00	98	02	2	120	81	7	9	0	4	0	75	75	—	—	34.4	—	47.0	64
	Bogra	275	6	7	00	00	96	29	9	060	75	4	5	5	7	8	75	90	275	0	7	13	03	96	01	2	127	79	5	4	6	1	6	76	75	+ 2	+ 1	43.5	— 9.2	81.1	69
	Dinajpur	000	0	6	00	00	95	02	2	057	87	6	0	9	2	0	75	92	000	9	4	00	00	96	02	2	118	82	6	0	9	0	2	76	77	+ 3	+ 2	36.7	—21.7	34.2	72
	Rangpur	000	0	5	00	00	96	01	2	076	80	2	2	6	2	0	78	91	000	0	7	09	05	96	03	2	133	81	7	5	6	0	0	78	77	+ 2	+ 4	53.6	—11.1	50.8	84
Kashmir	Jummu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	052	86	0	0	9	0	0	64	91	000	0	0	07	02	96	02	0	104	73	0	0	9	0	0	65	67	— 5	+ 7	35.6	+21.0	50.3	19
	Sialkot	000	0	0	00	00	97	10	0	046	88	0	0	9	0	0	67	92	000	0	0	00	00	57	00	0	106	78	0	0	9	0	0	69	67	— 1	+ 3	27.3	+ 1.6	34.4	32
Rawalpindi	Jhelum	000	0	0	31	03	97	02	0	048	85	0	0	9	0	0	59	92	000	0	0	09	02	97	02	0	107	73	0	0	9	0	0	67	65	—	—	21.8	—	33.6	—
	Rawalpindi	000	0	0	00	00	98	00	0	053	82	0	0	9	0	0	62	89	000	0	0	00	02	98	00	0	111	70	0	0	9	0	0	57	61	— 1	+ 3	38.0	+14.2	31.8	36
	Campbellpur	000	0	0	00	00	98	00	0	049	82	0	0	9	0	0	52	90	000	0	0	00	00	98	00	0	102	69	0	0	9	0	0	55	58	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	09	02	98	00	0	059	91	0	0	9	0	0	53	95	000	0	0	09	02	99	00	0	103	64	0	0	9	0	0	59	xx	0	xx	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	041	91	0	0	9	0	0	54	91	000	0	0	16	02	96	00	0	096	71	0	0	9	0	0	68	67	— 3	+ 4	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	051	89	0	0	9	0	0	74	94	000	0	0	13	03	96	02	0	097	75	0	0	9	0	0	65	68	— 4	+ 3	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	97	02	0	049	93	0	0	9	0	0	57	96	000	0	0	00	00	97	02	0	068	77	0	0	9	0	0	59	74	+ 1	+ 10	5.5	+ 0.6	7.6	7
	Leiah	000	0	0	18	02	97	00	0	029	94	0	0	9	0	0	60	97	000	0	0	18	02	97	00	0	032	70	0	0	9	0	0	60	65	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	052	93	0	0	9	0	0	61	96	000	0	0	00	00	96	02	0	082	73	0	0	9	0	0	56	62	—	—	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	988	92	0	0	9	0	0	70	96	000	0	0	13	02	98	00	0	048	77	0	0	9	0	0	67	66	—	—	3.0	— 1.2	4.9	6
	Fort Abbas	000	0	0	36	02	98	00	0	047	90	0	0	9	0	0	57	94	000	0	0	18	02	98	00	0	105	79	0	0	9	0	0	69	66	—	—	3.1	—	3.1	6
Peshawar	Chakdara	000	0	0	00	00	98	00	0	028	81	0	0	9	0	0	51	86	000	0	0	00	00	97	00	0	097	66	0	0	9	0	0	46	56	—	—	12.2	—	25.4	11
	Peshawar	000	0	1	05	02	96	05	0	046	86	1	1	6	0	0	47	90	000	0	1	31	02	97	03	0	104	61	1	0	9	3	0	53	63	+ 1	+ 2	7.6	+ 3.1	16.4	—
	Haripur	000	0	0	23	02	97	00	0	043	85	0	0	9	0	0	61	89	000	0	0	23	03	97	00	0	100	70	0	0	9	0	0	48	59	—	—	27.6	—	80.5	11
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	041	87	0	0	9	0	0	54	93	000	0	2	00	00	99	02	0	091	69	0	0	9	0	0	59	65	—	—	5.5	—	12.9	9
	D. I. Khan	000	0	0	00	00	98	00	0	042	92	0	0	9	0	0	64	95	000	0	0	00	00	98	00	0	091	71	0	0	9	0	0	61	67	+ 1	+ 4	3.1	— 0.4	7.4	5
Quetta	Sibi	000	0	0	23	02	97	00	0	050	95	0	0	9	0	0	72	02	000	0	0	27	02	95	05	4	087	65	0	0	9	0	0	62	60	—	—	2.5	—	4.0	5
Kalat	Nokkundi	000	0	0	34	09	98	02	0	096	82	0	0	9	0	0	34	04	000	0	0	34	15	97	07	0	168	62	0	0	9	0	0	27	57	—	—	0.1	—	1.0	2
	Turbat	000	0	0	09	04	98	00	0	059	99	0	0	9	0	0	39	01	000	0	0	05	03	97	00	0	107	82	0	0	9	0	0	30	xx	—	—	4.6	—	11.3	5
	Jiwani	000	0	0	18	12	96	05	0	080	88	0	0	9	0	0	76	99	000	0	0	36	03	96	02	0	113	77	0	0	9	0	0	45	75	—	—	0.3	—	3.8	6
	Pasni	000	0	0	16	10	97	00	0	064	95	0	0	9	0	0	47	99	000	1	0	29	02	97	05	4	114	75	0	0	9	0	0	44	xx	+ 7	x	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	0	0	25	03	96	00	0	059	97	0	0	9	0	0	29	00	000	0	0	00	00	96	00	0	088	75	0	0	9	0	0	47	68	—	—	4.4	+ 3.6	9.9	6
	Las Bela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	xx	98	00	1	100	70	0	0	9	0	0	49	61	—	—	0	—	6	8
	Karachi (Manora)	000	0	0	25	12	98	02	0	058	86	0	0	9	0	0	79	89	000	0	0	00	00	94	10	0	087	77	0	0	9	0	0	73	75	+ 1	+ 1	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	23	05	97	02	0	063	91	0	0	9	0	0	59	97	000	0	0	00	00	97	28	4	096	72	0	0	9	0	0	71	66	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	18	03	97	00	0	045	99	0	0	9	0	0	66	01	000	0	0	34	02	97	00	0	089	80	0	0	9	0	0	53	xx	—	—	26.1	—	28.3	—
	Umarkot	000	0	0	29	01	98	02	0	049	97	0	0	9	0	0	54	00	000	0	0	xx	00	98	02	0	086	73	0	0	9	0	0	68	48	—	—	15.9	—	16.0	7
	Hyderabad	000	0	0	03	00	97	02	0	046	99	0	0	8	0	0	42	02	000	0	0	23	02	97	02	0	087	77	0	0	9	0	0	63	48	+ 5	— 9	12.0	+ 6.0	18.0	9
	Badin	000	0	0	23	02	97	00	0	063	96	0	0	9	0	0	57	04	000	0	0	23	02	97	00	0	094	78	0	0	9	0	0	74	78	—	—	14.0	+ 6.0	20.0	—
Khairpur	Pad-i-dan	000	0	0	31	05	97	02	0	055	97	0	0	9	0	0	48	99	000	0	0	36	03	96	02	0	086	70	0	0	9	0	0	54	61	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	23	02	97	02	0	047	98	0	0	9	0	0	47	00	000	0	0	00	00	97	02	0	090	71	0	0	9	0	0	59	63	—	—	0.6	—	9.2	4
	Sukkur	000	0	0	05	02	98	02	0	055	94	0	0	9	0	0	55	95	000	0	0	00	00	95	02	0	087	75	0	0	9	0	0	54	68	—	—	1.1	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	065	98	0	0	9	0	0	58	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
	Jacobabad	000	0	0	00	00	97	02	0	057	93	0	0	9	0	0	74	97	000	0	0	00	00	97	02	0	086	74	0	0	9	0	0	64	68	— 2	+ 2	6.6	+ 4.3	8.3	20
Junagadh	Veraval																																								
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								34
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	0	0	20	06	98	00	0	476	60	0	0	9	0	0	40	60	000	0	0	13	02	96	00	0	505	53	0	0	9	0	0	45	47	+ 1	— 3	47.1	+10.6	67.7	50
Peshawar	Drosh *	000	1	5	23	03	97	01	2	463	76	4	8	7	6	0	33	85	000	0	5	03	03	97	03	2	513	57	2	1	7	3	0	37	56	+ 7	+ 2	4.3	—	21.2	18
	Cherat *	000	0	0	00	00	98	00	0	472	75	0	0	9	0	0	63	81	000	0	0	16	04	98	00	0	479	65	0	0	9	0	0	47	59	+ 2	0	14.7	+ 2.4	32.7	29
	Kohat *	000	0	0	13	03	99	00	0	474	73	0	0	9	0	0	43	80	000	0	0	36	02	99	00	0	500	63	0	0	9	0	0	44	57	—	—	32.4	—	34.9	—
	Landi Kotal *	000	0	0	13	03	97	00	0	464	80	0	0	9	0	0	53	85	000	0	1	00	00	97	03	0	485	65	0	0	9	0	0	47	54	—	—	4.0	—	12.7	—
	Parachinar *	000	0	2	13	01	99	00	0	482	78	2	0	9	0	0	44	76	000	0	2	00	00	99	11	0	496	59	2	1	9	0	0	41	51	+ 1	+ 1	18.1	—	28.7	20
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	460	88	0	0	9	0	0	46	86	000	0	0	00	00	99	00	0	472	67	0	0	9	0	0	39	58	—	—	3.1	—	9.8	13
	Wana *	000	0	0	00	00	99	00	0	314	86	0	0	9	0	0	30	96	000	0	0	00	00	99	00	0	309	60	0	0	9	0	0	29	57	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	25	04	99	02	0	479	88	0	0	9	0	0	43	84	000	0	0	00	00	99	22	0	533	60	0	0	9	0	0	31	55	+ 2	+ 2	5.1	+ 0.1	14.2	11
	Hindubagh *	000	0	0	25	14	97	00	0	490	79	0	0	9	0	0	31	79	000	0	0	27	05	97	00	0	480	60	0	0	9	0	0	41	39	—	—	0.8	—	1.5	—
	Loralai *	000	0	0	16	02	99	00	0	380	77	0	0	9	0	0	49	81	000	0	0	33	02	99	00	0	385	61	0	0	9	0	0	38	32	—	—	2.7	—	4.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	32	000	0	0	27	00	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	—	21.1	+13.5	34.7	34
	Quetta *	000	0	0	00	00	97	00	0	486	71	0	0	9	0	0	74	73	000	0	0	00	00	96	00	0	513	54	0	0	9	0	0	00	36	0	0	1.6	+ 0.5	6.2	8
	Chaman *	000	0	0	23	06	98	00	0	484	76	0	0	9	0	0	60	78	000	0	0	23	05	98	00	0	513	56	0	0	9	0	0	06	49	— 1	— 4	0.7	+ 0.4	6.3	8
	Nushki *	000	0	0	37	05	98	03	0	539	80	0	0	9	0	0	46	84	000	0	0	00	00	98	02	0	553	65	0	0	9	0	0	44	58	—	—	1.0	—	2.0	—
	Dalbandin *	000	0	0	18	05	97	02	0	563	80	0	0	9	0	0	37	80	000	0	0	05	03	97	02	0	513	60	0	0	9	0	0	22	48	— 4	— 3	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	24	05	98	00	0	490	68	7	7	9	7	7	29	72	000	0	0	31	05	98	00	0	497	50	0	0	9	0	0	09	33	— 3	— 0	1.2	— 0.0	13.0	7
	Panjgur *	000	0	0	01	02	98	00	0	500	79	0	0	9	0	0	40	01	000	0	0	23	02	98	03	0	508	61	0	0	9	0	0	26	55	— 6	+ 1	2.0	—	5.0	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

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

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

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

Whenever 990 is given as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 13th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex Delft	53 220	59 806	3 19 03	98 0 20	11 879	31 5 00	...	...	05 2 xx	11 9 20
Rynkerk	53 238	65 536	0 23 05	98 0 20	08 584	00 9 00	15 1 02	...	00 1 75	12 3 20
Muscati ... - ...	53 168	71 406	4 25 05	99 0 21	11 385	31 5 01	...		...	...
Salatiga ... - ...	53 225	60 004	1 21 12	98 0 20	11 281	11 5 00	...	86 2 19	05 5 72	12 1 20
Caltex Utrecht	53 213	67 106	0 29 13	98 0 21	09 481	00 9 00	...	...	00 0 72	12 9 22
Caltex Utrecht	53 219	65 612	0 30 06	98 0 20	07 684	00 9 00	...	...	0x x 77	13 0 21
Banggai	53 201	64 412	2 33 07	98 0 30	09 881	20 8 20	36 6 21	...	05 2 73	13 3 31
Indian Merchant	53 212	62 212	0 29 05	99 0 10	09 484	00 9 03	...	...	00 4 77	12 9 20
Clanmaclay	53 096	66 218	2 29 01	98 0 11	11 881	26 4 00	35 3 13	...	05 1 75	10 0 x0
Dwarka	53 196	71 718	4 25 13	98 0 30	10 482	40 7 20	75 1 11	...	05 2 77	12 5 23
Caltex Delft	53 196	58 518	9 20 07	98 0 20	10 677	00 9 00	...	...	05 2 72	12 0 20
Caltex Utrecht	53 226	64 018	2 29 09	98 0 20	09 982	00 9 00	...	...	00 1 79	13 0 22
Caltex the Hugue	53 210	59 318	0 19 02	98 0 21	10 379	00 9 00	...	...	08 0 75	11 9 20
Muron ... - ...	53 101	61 418	1 30 05	98 0 10	11 480	11 5 00	-	...	05 2 74	13 8 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	909 265 248	090 242 222	...	148 178 158	—	313 065 035	438 012 512	583 565 592	753 672 705	962 825	...	...	...
Jiwani ...														
Karachi ...	00 00	004 235 212	057 252 202	...	141 209 992	...	319 105 992	438 050 990	594 535 998	...	...	...	...	...
Lahore ...	00 00	995 242 188	085 xxxxxx	...	145 182 102	...	313 090 999	438 008 999	581 618 999	748 732 999	955 820	...	...	...
Multan ...														
Peshawar ...	00 00	967 188 108	...	...	140 199 072	...	311 068 542	435 525 628	577 635 722	743 735 999	950 835	224 998	409 886	...
Quetta ...			...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 215 182	600 153 130	350 758 785	276 872 945	...	...	...		...	276 872 945	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	900 195 122	800 148 065	...	...	...	...	...	...	...	800 148 065	...	...
Multan ...													
Peshawar ...	00 00	900 218 122	880 220 090	800 152 045	...	...	...	...	...	...	800 152 045	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...

PPP - Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	06 11	08 10	09 09						
Chaklala ...	...	26 01	27 03	31 02	31 02	34 03	28 09	29 11	28 19
Chilas ...	23 06	26 06	27 06	32 09	31 05	04 04	36 20	08 17	32 19
Chittagong ...	27 10	26 07	23 06	22 08	19 08	17 41	...	...	...
Cox's Bazar ...	25 06	25 05	18 05	15 10	13 15	...	...	...	...
Dacca ...	34 07	08 01	11 01	07 01	...	...	...	...	...
Dalbandin ...	...	...	19 08	24 03	27 04	32 07	27 22	28 31	29 31
D.I. Khan ...	...	...	...	...			...	...	...
Drosh ...	...	...	...	...	23 12	21 10	...	...	...
Fort Sandeman ...	...	...	...	24 06	22 09	21 09	27 30	27 21	27 44
Jacobabad ...	21 03	22 02	23 01	32 02	27 07	23 07	32 12	29 13	28 13
Jessore ...	35 20	35 10	29 05	...	...	...	...	...	...
Jhelum ...	32 04	29 04	29 04	28 06	31 07	31 10	35 10	31 15	31 21
Jiwani ...	08 06	02 07	02 10	36 13	36 15	03 17	33 09	01 05	14 04
Karachi ...	26 06	26 12	24 11	24 08	33 06	05 05	06 10	36 09	35 18
Khanpur ...	27 06	27 06	27 07	29 08	30 12	02 06	35 10	35 07	34 06
Lahore ...	04 02	28 04	25 03	32 07	36 07	02 07	35 15	29 17	28 23
Multan ...	16 02	11 01	09 01	34 04	34 06	32 06	29 18	29 25	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 09	34 08	26 05	26 08	33 09	31 14
Peshawar ...	...	06 07	36 03	19 05	20 08	20 09	28 10	28 19	28 29
Quetta ...	...	...	...	...	30 06	29 07	28 17	26 27	27 31
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 06	30 01	03 02	07 02	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs, G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	09 05					
Chaklala ...	...	09 08	13 10	45 04	21 03	19 05
Chilas ...	...	...	...	...	...	...
Chittagong ...	08 14	08 09	16 05	46 07	15 11	13 10
Cox's Bazar ...	14 04	15 04	19 05	13 04	13 10	12 13
Dacca ...	07 08	08 08	06 06	09 08	44 07	18 09
Dalbandin ...	...	...	06 04	34 13	36 08	34 19
D.I. Khan ...	...	...	...			
Drosh ...	...	...	...	23 11	25 07	28 06
Fort Sandeman ...	...	...	...	23 04	29 08	28 09
Jacobabad ...	30 05	30 03	32 03	23 03	28 03	26 13
Jessore ...	11 09	10 06	06 07	05 06	12 04	11 00
Jhelum ...	18 12	12 16	12 09	21 03	01 02	31 02
Jiwani ...	35 09	36 09	01 09	01 12	01 16	36 13
Karachi ...	...	...	...	...	...	...
Khanpur ...	26 03	19 04	13 05	19 07	24 09	25 15
Lahore ...	16 03	16 12	15 09	07 04	03 02	11 05
Multan ...	16 17	17 14	19 12	02 16	26 05	27 04
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	04 24	35 31	35 23
Peshawar ...	...	32 09	30 05	21 08	23 12	16 06
Quetta ...	...	...	...	...	33 04	29 04
Sharjah ...	...	...	...	...	...	...
Sylhet ...	07 05	07 09	06 07	07 10	...	...
Veraval ...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.[illegible]
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	15 10	15 11	15 13	14 08	11 10	10 13					
Chaklala ...	...	11 05	11 07	13 10	15 07	26 03	18 11	19 19	20 15	[illegible] 21	28 [illegible]
Chilas ...	24 15	24 19	24 10	23 13	23 06	08 08	27 12	28 17	27 16	...	...
Chittagong ...	19 04	19 07	19 11	16 08	14 11	14 17	13 15	13 13	13 11	13 15	13 [illegible]
Cox's Bazar ...	22 09	22 06	18 05	13 09	14 09	13 13	18 17	12 10	12 13	...	...
Dacca ...	10 05	12 08	32 01	13 13	10 13	13 04	...	...	...	...	...
Dalbandin ...	...	...	08 04	24 08	30 14	34 21	34 23	32 26	32 31	27 32	28 [illegible]
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	28 08	28 02	31 09	27 15	27 20	27 26	27 41	...
Jacobabad ...	02 03	05 03	06 02	13 01	17 02	26 07	26 20	27 27	28 32	29 38	...
Jessore ...	11 06	12 09	12 11	...	...	...	...	...	...	...	...
Jhelum ...	12 07	12 06	12 07	xx xx	03 03	16 05	18 07	21 11	22 22	24 30	...
Jiwani ...	02 09	04 12	04 12	06 11	06 11	01 29	35 12	34 08	...	...	...
Karachi ...	26 04	24 04	24 09	24 10	30 03	04 07	24 13	30 17	28 11	22 10	...
Khanpur ...	19 13	20 14	xx xx	24 13	24 15	24 13	...	...	...	...	...
Lahore ...	09 03	12 03	13 03	13 03	16 04	07 02	20 12	25 22	25 25	[illegible]	...
Multan ...	17 08	16 11	16 14	19 11	21 09	17 13	26 24	26 36	26 30	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 24	02 29	02 26	34 11	32 24	31 26	...	...
Peshawar ...	...	24 06	29 10	25 12	18 08	...	...	...	...	...	...
Quetta ...	...	...	...	...	32 02	33 14	33 21	33 29	32 35	38 53	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 04	09 09	09 10	10 11	12 11	10 11	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	[illegible]	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	09 04	07 07	06 06	07 07	08 07	08 08	[illegible] 07	22 01	16 03	22 04	18 03	15 10	...					
Karachi ...	35 09	26 10	27 10	28 07	03 05	05 08	[illegible]	30 08								...	...	...
Peshawar ...	...	34 15	32 11	29 09	19 15	15 15	[illegible]	27 13	27 22	27 17	26 23	28 40	27 56	28 05	26 37	23 34	...	...
Quetta ...	...		...			...											...	...

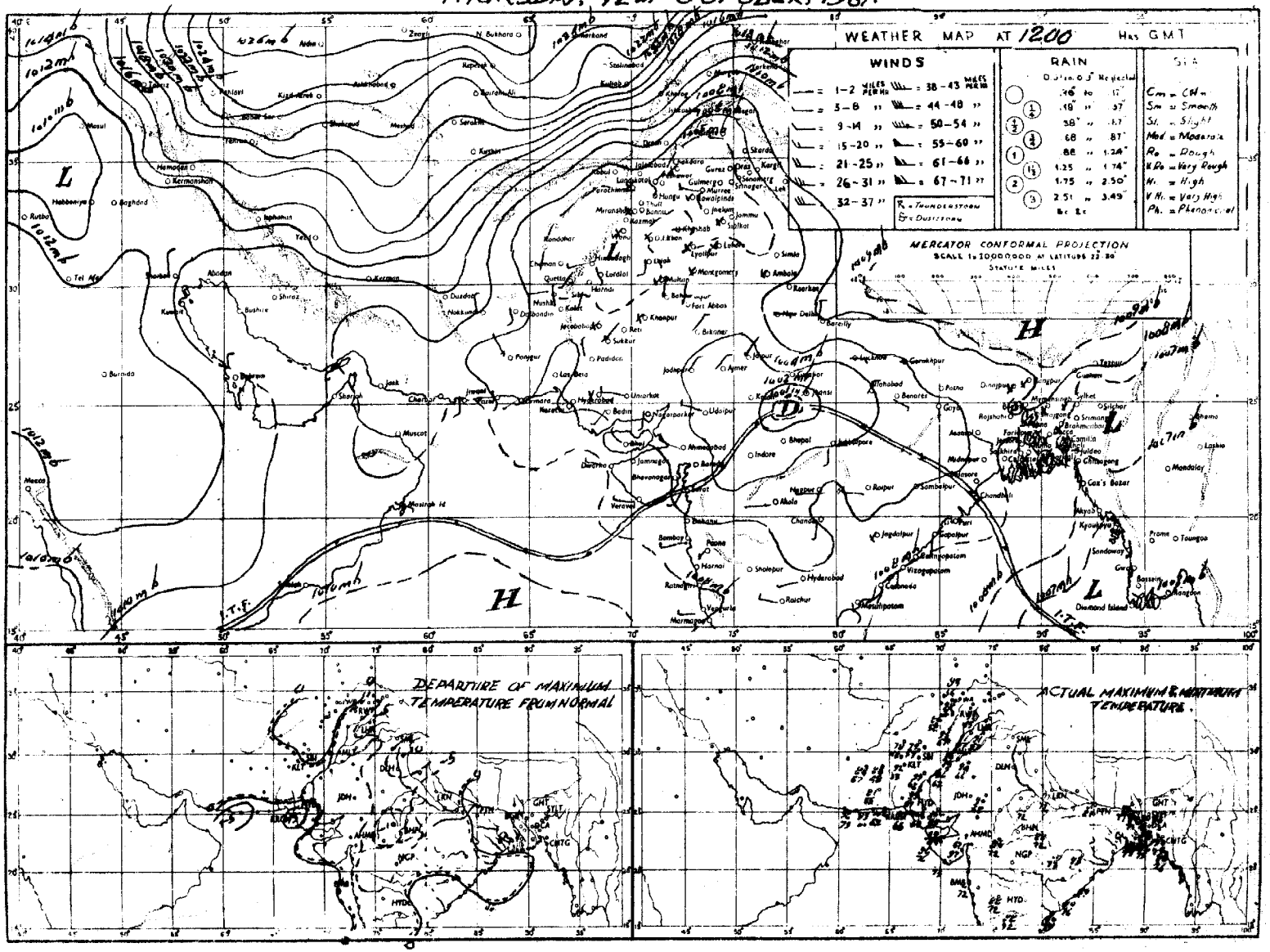
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

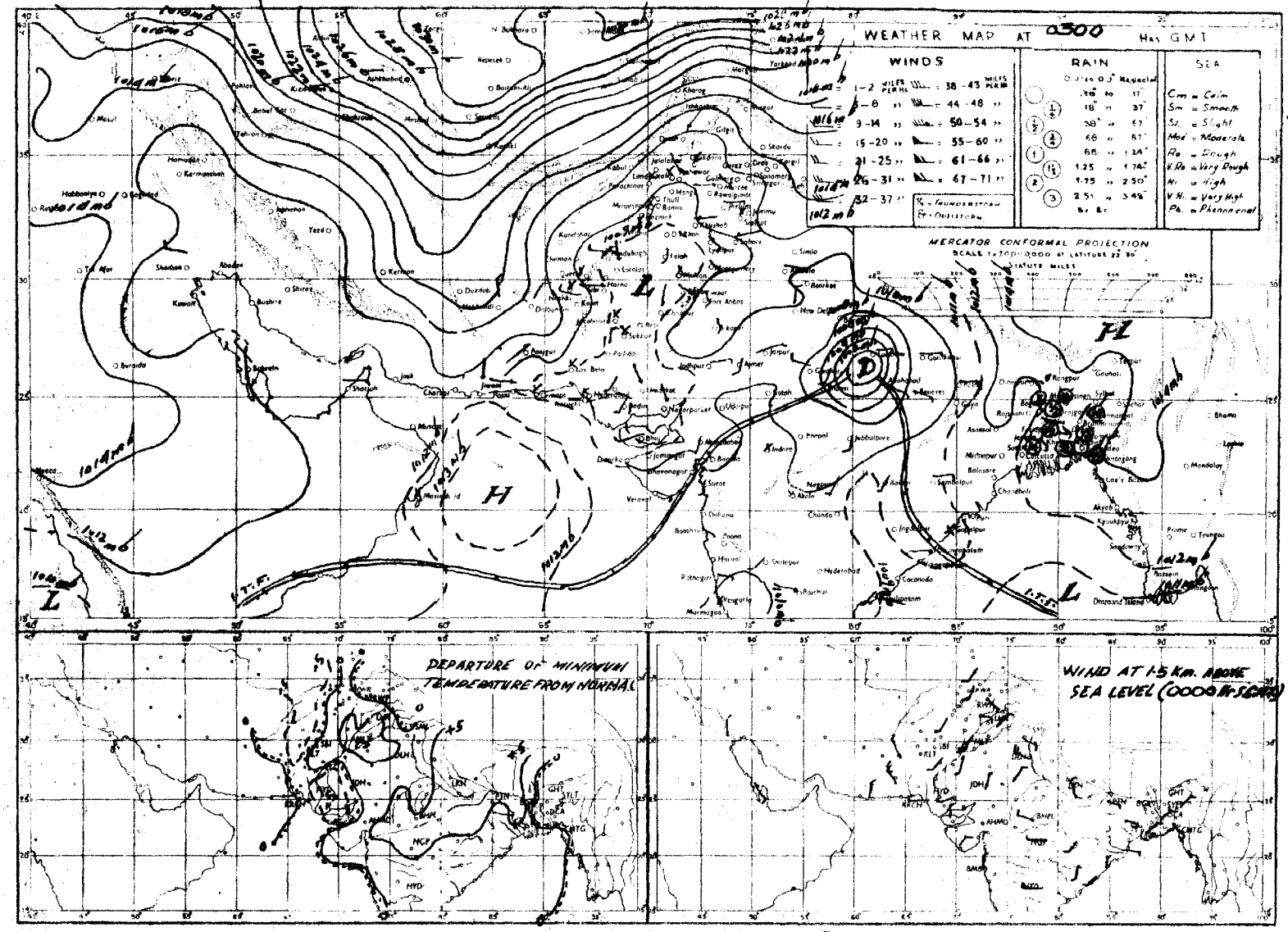
THURSDAY, 12th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 13th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 14th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The deep depression moved northeastwards and weakened rapidly into a low over Utter Pradesh last evening. It is now moving eastwards wave accross Bihar.

Yesterday's easterly low pressure wave now lies as a low over southwest and adjoining centrel Bay of Bengal.

Rain/thundershowers have been local in Rajshahi division and scattered elsewhere in East Pakistan outside Khulna division.

Yesterday's westerly low pressure wave over Peshawar division is now moving away eastwards across Kashmir and adjoining Rawalpindi division. Anothere lies over D.I.Khan division and neighbourhood.

Fairly widespread rain/thundershowers have occured in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are:–Faridpur 1"; Peshawar and Cherat 3/4" each and Drosh ½".

Day temperatures were generally 4–6°F below normal over West Pakistan outside Bahawalpur, Khairpur, Hyderabad and Karachi divisions.

Forecast valid until the evening of 15th October, 1961:—Rain/thundershowers will be fairly widespread in Rawalpindi division and Kashmir, local in Rajshahi and Peshawar divisions and scattered elsewhere in East Pakistan and in Lahore, Sargodha, D. I. Khan and Quetta divisions.

Karachi-11
The 14th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxT (19)
Chittagong	Rangamati	000	0	9	18	05	xx	00	1	027	84	9	x	0	x	x	75	91
	Cox's Bazar	003	3	7	09	12	xx	29	9	088	79	4	4	5	7	0	78	87
	Chittagong	000	0	2	23	02	xx	01	1	090	82	1	0	9	1	2	76	89
	Maijdee Court	000	9	3	27	05	96	03	0	085	85	2	2	7	6	0	75	99
	Comilla	000	0	1	00	00	96	01	1	072	85	1	4	7	0	0	77	90
	Brahmanbaria	000	0	3	00	00	96	03	1	087	84	3	5	5	0	0	77	87
	Sylhet	000	0	6	00	00	xx	02	2	078	85	5	4	6	2	1	77	90
	Srimangal	000	0	0	00	00	93	00	0	xxx	80	0	0	9	0		79	87
Dacca	Mymensingh	000	0	4	00	00	97	01	1	094	85	0	0	9	0	4	78	86
	Narayanganj	000	9	5	00	00	xx	03	1	088	84	2	4	4	7	0	73	89
	Dacca (Tezgaon)	000	0	5	00	00	97	18	2	084	83	3	3	5	0	2	76	87
	Faridpur	088	0	6	16	02	96	17	2	086	83	5	4	5	1	8	75	87
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	000	0	1	00	00	97	02	0	087	80	6	4	7	1	x	78	89
	Jessore	000	0	4	18	03	96	02	2	089	82	2	4	6	6	0	76	89
Rajshahi	Pabna	000	0	6	23	05	xx	03	2	014	80	2	8	7	2	0	75	88
	Sirajganj	000	0	0	00	00	96	02	1	088	82	0	1	5	0	4	76	88
	Bogra	000	0	5	00	00	96	03	2	094	83	1	3	6	7	8	76	87
	Dinajpur	000	4	3	00	00	95	01	9	090	82	3	0	9	1	x	76	87
	Rangpur	000	0	5	00	00	96	03	1	094	83	3	5	6	3	0	76	89
hmir	Jummu																	
lore	Lahore (Jail Rd.)	000	0	1	00	00	97	02	0	059	88	1	1	7	0	0	64	90
	Sialkot	000	0	0	00	00	97	00	0	058	85	0	0	9	0	0	61	90
val-pindi	Jhelum	000	0	0	00	00	98	02	0	058	85	0	0	9	0	0	63	90
	Rawalpindi	000	3	3	00	00	98	01	3	072	74	2	5	6	4	0	59	86
	Campbellpur	000	0	9	05	04	98	03	2	080	70	0	0	9	9	0	54	85
odha	Khushab	000	0	0	09	02	99	00	0	054	92	0	0	9	0	0	58	94
	Lyallpur	000	0	0	00	00	96	00	0	052	88	0	0	9	0	0	59	88
tan	Montgomery	000	0	0	00	00	96	00	0	052	90	0	0	9	0	0	60	95
	Multan	000	0	0	18	02	98	02	0	044	93	0	0	9	0	0	53	94
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
alpur	Khanpur	000	0	0	27	02	96	02	0	049	91	0	0	9	0	0	56	95
	Bahawalpur	000	0	0	18	01	98	00	0	033	95	0	0	9	0	0	67	96
	Fort Abbas	000	0	0	36	02	98	00	0	047	93	0	0	5	0	0	61	98
war	Chakdara	000	4	6	27	02	97	50	9	124	63	6	0	9	9	0	53	80
	Peshawar	045	7	8	00	00	97	95	9	133	63	5	3	6	2	x	59	78
	Haripur	000	3	8	37	03	95	03	5	102	65	8	1	6	0	0	55	84
I. Khan	Bannu	000	0	3	13	02	98	03	2	119	96	0	0	9	3	0	55	xx
	D. I. Khan	000	0	0	18	02	98	00	0	051	89	0	0	9	0	0	64	92
etta	Sibi	000	0	0	18	03	97	00	0	046	95	0	0	9	0	0	70	59
Kalat	Nokkundi	000	0	0	34	15	97	07	3	112	80	0	0	9	0	0	34	84
	Turbat	000	0	0	07	09	97	00	0	069	59	0	0	9	0	0	24	01
	Jiwani	000	0	0	20	09	97	02	0	085	90	0	0	9	0	0	72	95
	Pasni	000	8	0	29	12	97	05	0	074	88	0	0	9	0	0	67	98
Division	Ormara	000	0	0	18	03	96	00	0	061	93	0	0	9	0		32	02
	Las Bela	000	0	0	00	00	98	00	0	075	02	0	0	9	0	0	66	04
	Karachi (Manora)	000	0	0	27	14	98	02	0	066	84	0	0	9	0	0	76	88
	Karachi (Air Port)	000	0	0	23	07	97	02	0	067	88	0	0	9	0	0	61	93
abad	Nagarparkar	000	0	0	25	03	97	00	0	053	95	0	0	9	0	0	53	99
	Umerkot	000	0	0	23	02	98	02	0	057	95	0	0	9	0	0	54	01
	Hyderabad	000	0	0	23	03	97	02	0	058	95	0	0	8	0	0	41	99
	Badin	000	0	0	23	02	97	00	0	075	96	0	0	9	0	0	57	00
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	084	95	0	0	9	0	0	43	98
	Nawabshah	000	0	0	00	00	97	02	0	066	97	0	0	9	0	0	49	99
	Sukkur	000	0	0	34	02	98	02	0	048	92	0	0	9	0		56	96
	Kashmore	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96	[illegible]	0	9	0	0	51	97
	Jacobabad	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	0	9	0	0	63	97
Sindh	Veraval																	
Afghanistan	Jalalabad																	
Gulf	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
pindi	Murree *	000	4	6	07	05	97	02	1	485	54	4	9	3	0	0	47	45
	Drosh *	018	8	8	00	00	96	51	5	518	53	8	5	6	x	x	37	40
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	000	1	8	27	07	96	17	9	490	62	8	7	8	x	x	45	77
	Landi Kotal *	004	7	8	00	00	96	61	9	491	59	6	9	9	2	1	54	73
	Parachinar *	000	0	6	13	01	98	03	0	486	59	6	0	8	6	0	41	70
	Miranshah *	000	0	0	05	05	99	00	0	458	81	0	0	9	0	0	42	83
	Wana *	000	0	0	00	00	99	00	0	505	76	0	0	9	0	0	29	86
	Fort Sandeman *	000	0	0	16	01	99	02	0	462	81	0	0	9	0	0	47	81
	Hindubagh *	000	0	0	25	14	97	00	0	456	71	0	0	9	0	0	30	75
	Loralai *	000	0	0	20	02	99	00	0	418	76	0	0	9	0	0	47	81
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	477	69	0	0	9	0	0	50	73
	Chaman *	000	0	0	23	07	98	00	0	482	72	0	0	9	0	0	18	74
	Nushki *	000	0	0	00	00	98	02	0	537	78	0	0	9	0	0	60	94
	Dalbandin *	000	0	0	23	09	96	02	0	507	83	0	0	9	0	0	15	85
	Kalat *	000	0	0	31	03	98	00	0	465	63	0	0	9	0	0	35	70
	Panjgur *	000	0	0	31	13	96	02	0	506	77	0	0	9	0	0	38	88
Afghanistan	Kabul *																	
	Kandhar *																	

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

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	0	5	18	02	98	01	2	134	84	3	7	5	6	1	78	78
Cox's Bazar	003	9	6	02	05	97	02	1	121	84	4	5	3	7	0	76	76
Chittagong	000	0	6	00	00	96	03	1	125	85	6	5	5	0	0	78	77
Maijdee Court	000	9	2	31	02	97	03	0	123	85	2	2	6	0	0	77	78
Comilla	000	0	5	00	00	97	02	1	112	86	5	4	5	0	0	77	77
Brahmanbaria	000	0	4	00	00	97	03	1	115	86	2	4	4	5	0	77	79
Sylhet	000	4	5	09	02	96	02	4	118	84	6	4	5	0	0	78	77
Srimangal	000	2	7	27	02	96	02	2	xxx	86	0	0	5	5	0	78	74
Mymensingh	000	0	3	00	00	97	01	0	128	84	0	0	9	0	4	75	76
Narayanganj	000	9	4	00	00	96	03	0	125	83	4	4	4	0	0	76	78
Dacca (Tezgaon)	000	9	5	00	00	98	03	1	117	84	5	8	5	0	0	76	77
Faridpur	008	0	1	02	02	96	01	1	112	86	1	5	6	0	0	77	77
Barisal	000	0	4	00	00	97	02	1	123	87	4	8	9	4	0	77	78
Khulna	000	0	6	00	00	97	01	2	127	85	6	5	6	0	0	75	77
Satkhira	000	0	3	00	00	97	01	1	125	86	2	2	7	3	0	77	75
Jessore	000	0	5	18	02	96	02	1	126	81	5	1	6	0	0	75	74
Pabna	000	9	4	17	05	98	03	9	119	87	2	1	7	7	0	77	77
Sirajganj	000	0	2	00	00	98	02	0	117	86	2	1	5	0	0	76	77
Bogra	000	0	5	36	02	97	01	2	122	81	2	4	6	6	0	77	77
Dinajpur	001	0	0	00	00	96	00	0	122	84	0	0	9	0	0	77	75
Rangpur	000	0	2	05	02	96	01	1	124	83	2	0	9	2	0	77	76
Jummu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	110	73	0	0	9	0	0	58	68
Sialkot	000	0	0	00	00	58	0	0	108	77	0	0	9	0	0	62	66
Jhelum	001	3	4	23	02	97	17	6	111	69	2	3	6	3	0	55	65
Rawalpindi	010	0	0	23	02	99	00	0	128	64	0	0	9	0	0	56	58
Campbellpur	000	9	0	00	00	98	00	0	131	64	0	0	9	0	0	55	58
Khushab	000	0	5	09	07	99	03	1	100	73	5	0	9	7	0	51	68
Lyallpur	000	0	0	07	03	96	00	0	128	69	0	0	9	0	0	57	64
Montgomery	000	0	0	13	04	96	02	0	104	73	0	0	9	0	0	54	68
Multan	000	0	0	36	07	95	07	0	106	70	0	0	9	0	0	52	67
Leiah	000	0	0	16	02	97	00	0	025	78	0	0	9	0	0	61	66
Khanpur	000	0	0	05	07	95	05	0	106	71	0	0	9	0	0	53	65
Bahawalpur	000	0	0	16	02	98	00	0	097	71	0	0	9	0	0	63	63
Fort Abbas	000	0	0	13	02	98	00	0	087	76	0	0	9	0	0	55	65
Chakdara	000	0	0	00	00	97	00		131	55	0	0	9	0	0	45	54
Peshawar	073	9	1	00	00	98	02	9	139	64	1	1	6	3	0	57	59
Haripur	012	5	3	23	02	97	01	6	124	65	0	0	9	0	5	56	56
Bannu	000	1	5	00	00	99	02	0	126	65	0	0	9	0	3	54	62
D. I. Khan	000	0	0	05	02	98	00	0	120	69	0	0	9	0	0	58	63
Sibi	000	0	0	36	02	94	05	4	097	79	0	0	9	0	0	31	65
Nokkundi	000	0	0	34	09	98	02	0	148	66	0	0	9	0	0	23	61
Turbat	000	0	0	09	03	96	06	0	112	75	0	0	9	0	0	26	xx
Jiwani	000	0	0	05	02	96	02	0	115	77	0	0	9	0	0	47	71
Pasni	000	3	0	29	02	96	08	4	107	75	0	0	9	0	0	56	xx
Ormara	008	2	0	00	00	95	05	4	099	77	0	0	9	0	0	45	69
Las Bela	000	0	0	00	xx	98	00	0	103	69	9	0	9	0	0	48	60
Karachi (Manora)	000	0	0	27	14	95	05	0	050	76	0	0	9	0	0	65	74
Karachi (Air Port)	000	0	0	00	00	96	10	0	099	73	0	0	9	0	0	67	66
Nagarparkar	000	0	0	00	00	97	00	0	108	80	0	0	9	0	0	52	xx
Umerkot	000	0	0	02	03	97	02	0	096	75	0	0	9	0	0	73	66
Hyderabad	000	0	0	23	02	97	02	0	093	73	0	0	9	0	0	69	70
Badin	000	0	0	23	02	97	00	0	104	75	0	0	9	0	0	72	73
Pad-i-dan	000	0	0	07	02	97	02	0	092	68	0	0	9	0	0	58	59
Nawabshah	000	0	0	00	00	96	02	0	088	68	0	0	9	0	0	56	60
Sukkur	006	0	0	02	05	94	02	0	095	73	0	0	9	0	0	84	69
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	000	0	0	09	10	96	66	0	183	72	0	0	9	0	0	57	60
Murree *	016	9	2	09	09	97	01	9	504	52	0	0	9	8	0	33	46
Drosh *	025	9	5	00	00	97	03	5	518	51	5	0	9	7	0	43	51
Cherat *	070	0	0	34	09	98	03	0	476	53	0	0	9	0	0	45	52
Kakul *	011	9	4	23	03	99	01	9	502	59	2	0	9	4	1	44	50
Landi Kotal *	006	0	0	00	00	98	00	0	490	54	0	9	x	0	0	48	48
Parachinar *	000	0	0	00	00	99	00	0	509	50	0	0	9	0	0	41	47
Miranshah *	000	0	0	00	00	99	00	0	478	63	0	0	9	0	0	48	60
Wana *	000	0	0	00	00	98	00	0	505	66	0	0	9	0	0	40	55
Fort Sandeman *	000	0	0	00	00	96	05	0	512	58	0	0	9	0	0	37	52
Hindubagh *	000	0	0	27	07	97	00	0	502	54	0	0	9	0	0	35	38
Loralai *	000	0	0	29	03	99	00	0	372	57	0	0	9	0	0	35	36
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	506	56	0	0	9	0	0	23	42
Chaman *	000	0	0	23	03	98	00	0	504	53	0	0	9	0	0	17	46
Nushki *	000	0	0	09	05	98	02	0	551	63	0	0	9	0	0	38	58
Dalbandin *	000	0	0	34	02	96	02	0	500	64	0	0	9	0	0	24	47
Kalat *	000	0	0	31	03	98	00	0	483	50	0	0	9	0	0	09	36
Panjgur *	000	0	0	36	05	97	02	0	505	60	0	0	9	0	0	37	66

Departure from Normal of / Rainfall

STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—	—	115.3	—	122.7	—
Cox's Bazar	— 1	+ 2	163.4	+47.4	173.4	140
Chittagong	+ 2	+ 3	121.7	+40.8	162.7	108
Maijdee Court	+ 2	+ 4	64.9	— 4.3	121.1	115
Comilla	+ 1	+ 3	51.6	—15.2	75.9	94
Brahmanbaria	—	—	48.6	— 3.3	64.2	78
Sylhet	—	—	98.1	—	—	—
Srimangal	— 2	+ 3	35.0	—27.6	48.8	98
Mymensingh	— 2	+ 1	44.6	—21.9	61.0	91
Narayanganj	0	+ 2	58.1	+ 7.0	61.2	74
Dacca (Tezgaon)	—	—	56.6	—	88.2	—
Faridpur		— 2	47.6	— 3.9	75.1	71
Barisal		+ 3	40.0	+ 1.5	85.4	81
Khulna		—	42.6	— 8.4	54.3	68
Satkhira	+ 1	+ 1	35.0	—13.7	56.7	65
Jessore	0	— 2	44.0	— 1.9	45..	65
Pabna	—	—	35.2	—	39.5	59
Sirajganj	—	—	34.4	—	47.8	64
Bogra	— 1	+ 3	43.5	— 9.5	51.1	69
Dinajpur	— 2	+ 1	36.7	—21.2	51.2	72
Rangpur	0	+ 3	53.6	—11.3	59.8	84
Jummu						
Lahore (Jail Rd.)	— 6	+ 8	35.5	+21.0	50.2	19
Sialkot	— 3	+ 2	27.3	+ .6	34.4	32
Jhelum	—	—	21.8	—	39.6	—
Rawalpindi	— 4	0	38.1	+ 4.3	51.9	36
Campbellpur	—	—	10.8	—	11.8	—
Khushab	— 1	+ 3	7.1	— 3.2	11.1	15
Lyallpur	— 6	+ 1	10.9	+ 1.4	13.9	12
Montgomery	— 3	+ 3	4.6	— 2.9	10.1	10
Multan	+ 1	+ 3	3.5	+ 0.6	7.6	7
Leiah	—	—	9.3	—	10.6	8
Khanpur	—	—	11.1	+ 6.3	12.6	6
Bahawalpur	—	—	3.0	— 1.2	4.9	6
Fort Abbas	—	—	3.1	—	3.1	8
Chakdara	—	—	12.2	—	25.3	—
Peshawar	— 14	— 2	7.6	+ 3.9	17.3	11
Haripur	—	—	27.7	—	38.6	—
Bannu	—	—	5.5	—	12.9	11
D. I. Khan	— 2	0	5.1	— 0.4	7.4	9
Sibi	—		3.5	—	5.6	5
Nokkundi	—	—	0.1	—	1.0	3
Turbat	—	—	4.6	—	11.3	—
Jiwani	—		0.3	—	3.8	5
Pasni	+ 6	xx	2.0	+ 1.1	5.4	6
Ormara	—	—	4.4	+ 3.6	9.9	6
Las Bela	—	—	0	—	0	8
Karachi (Manora)	0	0	9.7	+ 3.7	9.8	8
Karachi (Air Port)	—	—	21.2	—	24.6	—
Nagarparkar	—	—	26.1	—	27.3	—
Umerkot	—	—	15.9	—	18.0	—
Hyderabad	+ 2	— 2	12.0	+ 6.0	12.9	7
Badin	—	—	14.0	+ 6.8	14.8	9
Pad-i-dan	—	—	9.6	—	11.1	—
Nawabshah	—	—	0.6	—	8.3	—
Sukkur	—	—	1.2	—	2.2	4
Kashmore	—					—
Jacobabad	— 2	+ 2	6.6	+ 4.3	8.3	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	— 2	— 4	47.3	+10.7	67.8	59
Drosh *	— 18	— 3	4.5	—	21.5	18
Cherat *	—	— 7	15.3	+ 3.1	33.4	29
Kakul *	—	—	32.7	—	35.0	—
Landi Kotal *	—	—	4.1	—	12.8	—
Parachinar *	— 5	— 3	18.1	—	28.7	29
Miranshah *	—	—	3.1	—	7.8	18
Wana *	—	—	—	—	—	11
Fort Sandeman *	— 1	— 1	5.1	+ 0.1	11.2	11
Hindubagh *	—	—	0.8	—	5.6	—
Loralai *	—	—	2.7	—	5.6	9
Harnai *	×	—	21.1	+13.5	34.7	14
Quetta *	— 2	— 2	1.6	+ 0.5	6.3	9
Chaman *	— 5	— 7	0.7	+ 0.4	6.3	8
Nushki *	—	—	1.0	—	3.8	—
Dalbandin *	— 5	— 4	1.3	+ 1.0	2.7	4
Kalat *	— 5	— 5	1.2	— 0.0	12.9	7
Panjgur *	— 7	+ 1	2.0	—	5.0	6
Kabul *						
Kandhar *						12

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 14th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_a$	$L_aL_oL_o$ GG	Nddff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_aT_a$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	63 170	55 800	3 00 00	98 0 20	05 377	31 4 00	37 2 10	...	85 2 72	10 0 x0
Farsleta	63 215	59 800	1 19 05	98 0 30	10 877	11 3 80	35 2 02	...	00 2 xx	11 0 xx
Caltex Perula	63 222	58 406	4 04 08	99 0 20	07 199	00 9 00	...	...	00 5 77	10 4 21
Caltex the Hagu	63 236	59 906	3 29 05	98 0 21	11 289	31 4 00	...	...	00 0 79	32 9 21
Caltex Utrecht	61 338	61 106	3 36 03	98 6 00	12 584	12 5 00	...	...	00 2 22	13 4 21
Caltex Liedeu	62 299	60 006	1 24 04	98 0 10	13 175	14 5 05	...	...	05 6 70	12 6 20
Caltex Utrecht	59 324	61 102	0 18 02	98 0 20	13 477	00 9 00	...	...	00 2 75	11 0 21
Caltex Leidon	63 251	59 512	0 05 08	98 0 28	07 970	00 9 00	...	...	00 1 73	10 5 20
Dwarka	62 223	66 612	0 29 10	98 0 29	08 488	00 9 00	73 4 00	...	00 4 27	12 9 24
Caltex the Hagu	63 248	57 912	0 13 04	98 0 30	09 748	00 9 00	...	...	00 1 70	11 3 21
Asia	63 158	52 912	0 17 05	98 0 28	09 589	00 9 00	87 1 00	...	00 2 71	11 7 20
Dwarka	63 233	67 618	0 29 08	98 0 28	10 062	00 9 00	75 5 00	...	05 2 73	12 9 23
Caltex Utrecht	53 252	58 018	0 08 08	97 0 23	11 484	00 9 00	...	...	00 1 79	10 0 x0
Caltex Pernis	63 218	59 818	0 00 02	98 9 20	03 879	00 9 00	...	...	05 3 68	10 2 x0
Bay of Bengal										
Arna prasthus	62 255	21 412	3 05 27	98 0 11	18 877	31 4 9x	31 4 00	...	05 2 65	10 5 xx
Strasthall	62 061	07 412	7 23 05	97 0 28	08 862	70 1 6x	55 2 14	...	00 0 76	12 3 21
Firdousa	62 132	28 752	4 33 06	98 6 30	09 589	88 9 9x	...	...	...	...
Folcus	62 152	18 842	5 10 10	97 6 22	11 979	31 6 6x	83 2 10	...	...	...
Melbournemaru	62 162	17 812	8 09 10	95 6 08	13 979	88 4 4x	14 2 20	...	05 1 76	...
Laimon	62 077	04 172	7 24 05	99 1 38	xxxxx	59 5 18	66 2 17	...	05 4 74	12 4 21
Mangla	62 040	05 612	7 22 10	98 0 18	08 982	32 4 10	54 3 23	...	00 0 72	12 2 21
Varapoor	62 040	05 612	7 22 10	98 0 18	08 982	32 4 10	54 3 23	...	00 0 72	12 2 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTdTdTd	1000 mb HHHTTTdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong	00 00	009 262 248	089 252 215	...	149 172 115	...	312 098 038	439 022 545	584 553 665	757 632 999	971 758	...	...	...
Dacca														
Jiwani	00 00	004 205 185	061 230 990	...	142 175 992	...	308 075 992	433 005 998	588 588 972	749 668 992	959 825	192 042	411 498	...
Karachi	00 00	005 252 145	089 xxxxxx	...	150 212 098	...	318 132 085	446 032 535	591 535 999	766 600 999	985 678	...	...	...
Lahore														
Multan														
Peshawar	00 00	970 155 135	...	...	141 142 038	...	308 032 895	433 532 665	575 632 758	741 748 998	947 815	228 925	...	...
Quetta	00 00	032 102 025	...	...	...	...	319 055 842	437 560 999	589 660 999	749 702 999	939 760	340 820	495 870	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTdTdTd							Max. Height Reached PPPTTTdTdTd	TROPOPAUSE ht. HHHHTT	TROPOPAUSE pt. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	900 210 160	800 152 095	560 002 572	...	...	...	...	...	...	560 002 572	...	...
Jiwani													
Karachi	00 00	900 232 125	800 175 082	...	...	...	...	...	...	...	xxxxxx xxx 800 175 082	...	...
Lahore													
Multan													
Peshawar	00 00	914 185 082	900 148 075	800 098 508	...	...	...	...	...	...	880 098 508	...	...
Quetta	00 00	880 112 012	762 115 548	669 000 999	...	...	...	...	...	...	869 000 999	...	...

PPP – Pressure in hundreds tens and units of millibars.

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

Sr—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in Kms. a.s.l. → / STATION	At 1200 hrs, G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs, G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	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
Bagra																											
Chittagong																											
Cox's Bazar																											
Dacca																											
Dandeldhura																											
D.I. Khan																											
Dinghi																											
Fort Sandeman																											
Jacobabad																											
Jassore																											
Jhelum																											
Jiwani																											
Karachi																											
Khanpur																											
Lahore																											
Multan																											
Muscat																											
Panjgur																											
Peshawar																											
Quetta																											
Sharjah																											
Sylhet																											
Veraval																											

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

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

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

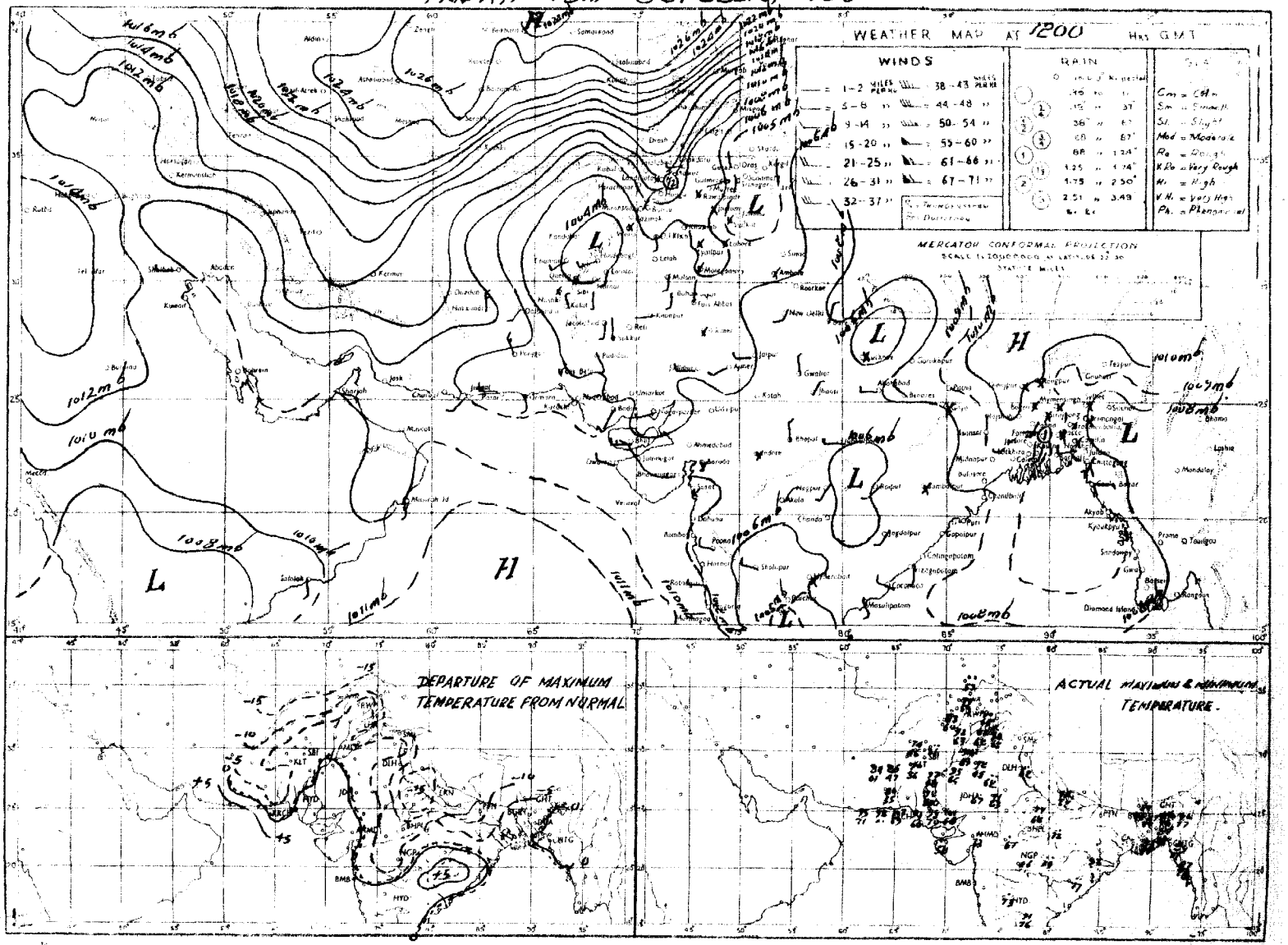
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

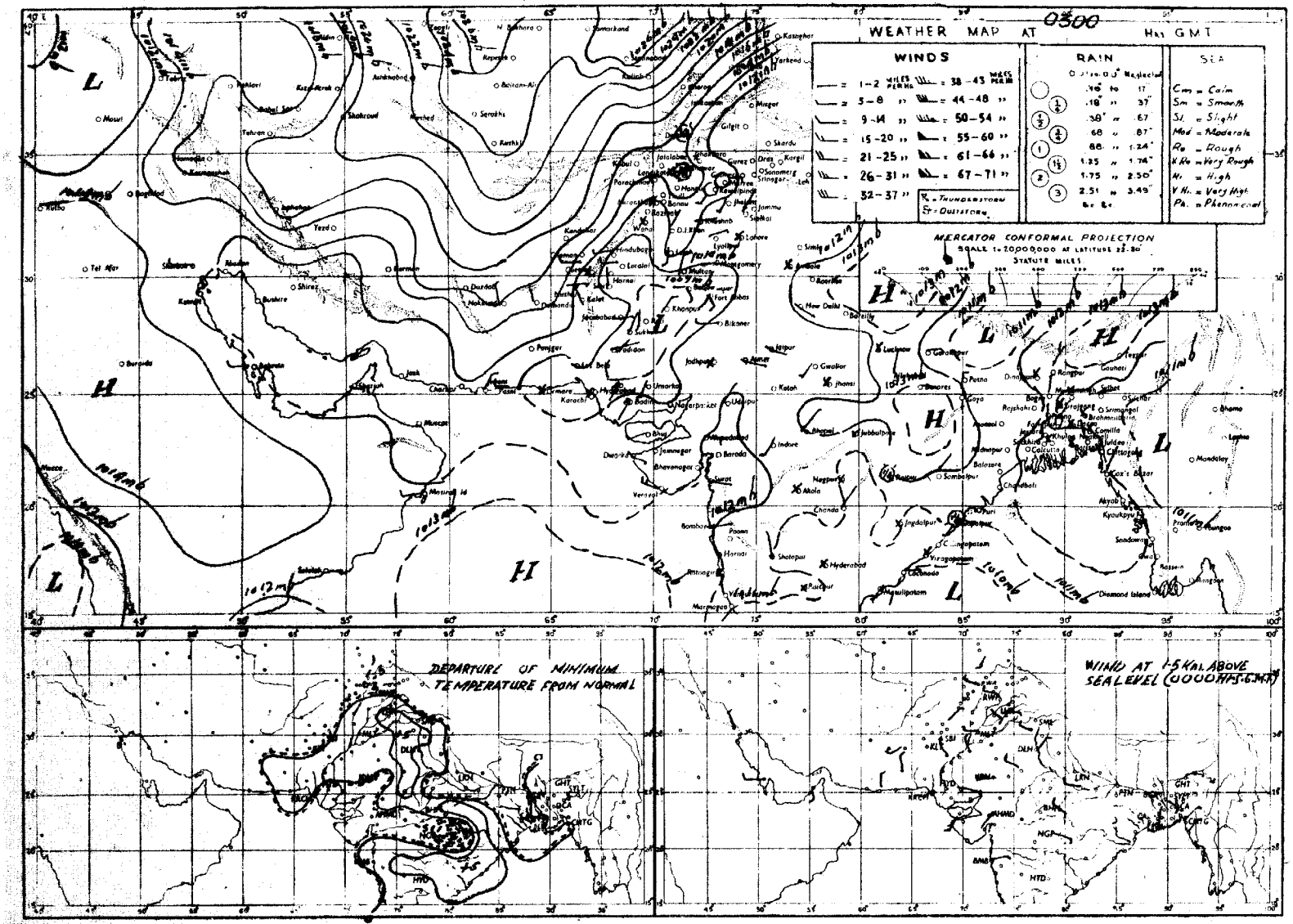
FRIDAY, 13th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 14th OCTOBER 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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WEATHER BUREAU

SUNDAY THE 15th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Bihar is now moving away eastwards across the northern areas of East Pakistan.

The low over Southwest and adjoining central Bay of Bengal is less marked.

Local rain/thundershowers have been reported from Rajshahi division and scattered from Chittagong division. Light rain has also fallen in Khulna division.

Yesterday's low pressure wave over Kashmir moved away. The other low pressure wave is today moving across Rawalpindi division with a trough extending southwards.

Under their influence rain/thundershowers have been widespread in Lahore division and scattered in Rawalpindi and Sargodha divisions.
Chief amounts of rainfall are:–Jhelum 3/4"; Lahore 1/2" and Pabna, Bogra, Dinajpur and Sialkot 1/4" each.

Day temperatures were 6-12°F below normal in Lahore, Rawalpindi, Sargodha, Multan, D.I. Khan and Peshawar divisions and 4-6°F so elsewhere in West Pakistan outside coastal Kalat and Karachi divisions.

Forecast valid until the evening of 16th October, 1961:—Scattered thunderstorm/showers are likely to occur in Chittagong, Rawalpindi, Peshawar divisions and Kashmir. Weather will remain dry elsewhere in the Country.

Karachi-11
The 15th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	18	02	xx	00	2	091	86	9	x	0	x	x	76	91
	Cox's Bazar	000	0	6	13	05	xx	02	2	081	84	3	5	5	3	8	77	89
	Chittagong	000	0	2	27	02	xx	01	1	082	82	1	0	8	1	1	78	90
	Maijdee Court																	
	Comilla	000	0	2	00	00	96	02	0	069	86	2	2	8	0	0	77	91
	Brahmanbaria	000	0	2	05	02	96	01	1	083	86	2	4	5	0	0	76	89
	Sylhet	000	0	3	00	00	xx	01	1	081	83	2	4	6	0	0	76	90
	Srimangal	000	5	3	30	02	93	01	1	xxx	83	0	0	5	5	0	82	89
Dacca	Mymensingh	000	0	4	00	00	97	01	1	088	87	2	2	4	0	4	77	89
	Narayanganj	000	0	1	00	00	xx	03	1	082	85	1	5	3	0	0	77	92
	Dacca (Tezgaon)	000	0	3	36	02	98	01	2	079	83	3	6	5	0	0	76	90
	Faridpur	000	0	3	00	00	xx	[illegible]	x	086	85	2	4	6	0	8	78	88
Khulna	Barisal	000	0	1	00	00	96	02	0	081	86	1	0	9	8	0	75	92
	Khulna	000	0	2	00	00	xx	01	1	086	86	2	5	7	0	0	76	92
	Satkhira	000	0	5	00	00	97	03	1	086	86	4	4	6	3	x	76	90
	Jessore	000	0	4	09	03	96	02	2	089	82	2	4	6	6	0	76	xx
Rajshahi	Pabna	000	0	6	00	00	98	25	1	082	86	4	9	7	0	0	78	90
	Sirajganj	000	0	3	00	00	96	02	1	082	82	3	1	6	4	0	76	90
	Bogra	031	3	6	00	00	96	29	9	091	82	4	3	5	1	0	75	88
	Dinajpur	022	3	6	00	00	95	02	6	077	75	6	5	9	2	0	72	90
	Rangpur	000	0	7	09	02	96	03	2	107	77	6	5	6	2	0	73	91
Kashmir	Jummu																	
Lahore	Lahore (Jail Rd.)	051	3	7	36	17	96	97	7	127	62	7	3	6	0	0	62	90
	Sialkot	032	2	8	31	05	97	02	6	151	65	8	5	6	x	x	57	88
Rawalpindi	Jhelum	071	5	8	31	03	97	63	9	130	65	3	7	6	2	x	71	xx
	Rawalpindi	000	7	3	07	07	98	01	6	143	71	1	2	7	4	0	55	77
	Campbellpur	000	6	4	09	09	98	01	6	118	78	2	1	4	5	0	39	78
Sargodha	Khushab	000	0	4	09	03	99	01	1	119	78	0	0	9	0	7	57	81
	Lyallpur	000	0	5	07	05	94	05	9	093	78	5	3	8	0	0	56	78
Multan	Montgomery	000	0	0	13	17	96	09	0	089	76	0	0	9	0	0	57	95
	Multan	000	0	0	00	00	97	02	0	089	86	0	0	9	0	0	59	87
	Leiah	000	0	0	23	05	97	00	0	068	86	0	0	9	0	0	53	94
Bahawalpur	Khanpur	000	0	0	02	07	95	05	0	087	85	0	0	9	0	0	57	87
	Bahawalpur	000	0	0	18	01	98	00	0	089	96	0	0	9	0	0	66	xx
	Fort Abbas	000	0	0	27	03	98	00	0	082	90	0	0	9	0	0	48	98
Peshawar	Chakdara	000	0	0	18	03	98	00	0	085	73	0	0	9	0	0	50	80
	Peshawar	000	0	1	00	00	98	01	0	114	77	1	1	6	0	0	57	80
	Haripur	000	0	6	00	00	97	00	0	118	75	0	0	9	0	0	53	82
D. I. Khan	Bannu	000	0	0	18	02	99	00	0	100	81	0	0	9	0	0	46	82
	D. I. Khan	000	0	0	05	02	98	00	0	094	83	0	0	9	0	0	52	85
Quetta	Sibi	000	0	0	18	03	97	00	0	079	93	0	0	9	0	0	65	98
Kalat	Nokkundi	000	0	0	34	09	98	02	0	109	89	0	0	9	0	0	25	82
	Turbat	000	0	0	09	03	98	00	0	066	96	0	0	9	0	0	25	95
	Jiwani	000	0	0	23	05	97	02	0	098	87	0	0	9	0	0	62	94
	Pasni	000	0	0	20	10	97	05	0	083	92	0	0	9	0	0	53	96
Karachi Division	Ormara	000	9	0	00	00	95	05	4	072	88	0	0	9	0	0	49	94
	Las Bela	000	0	0	xx	xx	98	00	0	079	99	0	0	9	0	0	80	02
	Karachi (Manora)	000	0	0	25	12	96	02	0	081	85	0	0	9	0	0	76	88
	Karachi (Air Port)	000	0	0	20	05	96	02	0	084	86	0	0	9	0	0	62	92
Hyderabad	Nagarparkar	000	0	0	02	03	97	00	0	086	90	0	0	9	0	0	55	95
	Umerkot	000	0	0	23	02	98	02	0	079	92	0	0	9	0	0	56	96
	Hyderabad	000	0	0	20	02	97	02	0	075	95	0	0	9	0	0	46	97
	Badin	000	0	0	23	02	97	00	0	[illegible]	[illegible]	0	0	9	0	0	52	97
Khairpur	Pad-i-dan	000	0	0	36	07	96	02	0	[illegible]	[illegible]	0	0	9	0	0	47	92
	Nawabshah	000	0	0	00	00	97	02	0	088	[illegible]	0	0	9	0	0	51	95
	Sukkur	000	0	0	02	05	96	25	2	081	88	0	0	9	0	0	63	90
	Kashmore	000	0	0	00	00	99	00	0	086	95	0	0	9	0	0	53	xx
	Jacobabad	000	0	1	03	02	96	07	0	086	89	0	0	9	0	0	60	92
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Karwai																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	002	6	4	09	09	98	01	6	512	51	2	1	4	5	0	39	65
Peshawar	Drosh *	000	0	4	00	00	97	01	2	513	43	3	2	7	6	0	37	68
	Cherat *	000	0	0	16	05	98	00	2	510	49	0	0	9	0	0	43	69
	Kakul *																	
	Landi Kotal *	000	0	0	13	02	98	00	0	502	71	2	0	9	0	0	46	78
	Parachinar *	000	0	4	13	01	99	00	0	503	65	4	0	9	4	0	37	xx
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	510	75	0	0	0	0	0	46	77
	Wana *	000	0	0	13	02	99	00	0	513	69	0	0	9	0	0	42	73
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	500	74	0	0	8	0	0	37	77
	Hindubagh *	000	0	0	27	09	97	00	0	496	70	0	0	9	0	0	41	75
	Loralai *	000	0	0	13	02	99	00	0	380	71	0	0	0	0	0	45	76
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	511	69	0	0	9	0	0	35	70
	Chaman *	000	0	0	31	09	98	00	0	498	72	0	0	9	0	0	11	74
	Nushki *	000	0	0	27	05	98	02	0	563	75	0	0	9	0	0	31	77
	Dalbandin *	000	0	0	05	08	96	02	0	574	80	0	0	9	0	0	26	84
Kalat	Kalat *	000	0	0	34	05	98	00	0	468	62	0	0	9	0	0	33	69
	Panjgur *	000	0	0	05	05	98	02	0	509	77	0	0	9	0	0	47	89
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati																							
Cox's Bazar	015	9	7	2x	xx	97	02	6	108	79	6	5	5	2	0	75	77	+ 1	+ 3	160.6	+47.4	173.6	140
Chittagong	001	3	8	00	00	96	02	6	116	81	1	5	4	6	x	68	79	+ 3	+ 5	121.7	+41.6	163.7	108
Maijdee Court	0?0	9	2	00	00	97	02	0	129	84	2	1	6	0	0	78	78		+ 4	84.9	− 4.3	131.1	115
Comilla	003	0	0	00	00	97	02	0	091	85	0	0	9	0	0	76	80	+ 2	+ 6	51.6	−15.5	75.9	94
Brahmanbaria	000	0	2	36	03	97	03	1	108	84	2	4	5	0	0	74	xx	—	—	48.6	− 3.4	64.2	78
Sylhet	000	0	1	09	02	96	03	0	xxx	85	4	4	6	7	0	75	73	—	—	98.1	—	—	—
Srimangal	000	0	1	00	00	96	00	0	xxx	86	0	0	5	5	0	77	72	— 1	+ 1	35.0	−27.8	48.8	98
Mymensingh	000	0	0	13	02	97	00	0	110	80	0	0	9	0	0	74	74	+ 1	— 1	44.6	−22.2	67.0	91
Narayanganj	000	0	1	00	00	96	01	0	108	84	1	5	4	0	0	75	77	+ 3	+ 1	58.1	+ 6.8	61.2	74
Dacca (Tezgaon)	000	0	2	31	03	98	03	0	101	84	1	5	4	0	1	77	66	—	—	56.6	—	80.2	—
Faridpur	000	0	2	34	02	96	01	1	106	83	2	5	7	0	0	76	77	+ 1	+ 2	47.6	− 2.2	75.1	71
Barisal																		+ 4					81
Khulna	000	0	2	00	00	97	01	1	110	85	2	5	7	0	0	75	78	—	—	42.6	− 8.6	54.3	68
Satkhira	000	0	5	00	00	97	03	1	112	84	4	4	7	1	x	75	76	—	—	35.0	−13.9	56.6	65
Jessore	000	0	2	31	07	97	01	1	106	82	2	0	9	6	0	75	75	xx	— 1	44.0	− 2.2	55.0	65
Pabna	030	9	0	23	05	97	02	9	106	82	0	0	9	0	0	77	77	—	—	35.5	—	39.8	59
Sirajganj	000	0	0	31	02	99	00	0	104	83	0	0	9	0	0	77	74	—	—	34.4	—	47.8	64
Bogra	031	0	1	31	03	96	01	0	106	83	1	5	5	0	0	77	75	0	+ 6	43.8	− 9.6	51.4	89
Dinajpur	022	0	3	00	00	96	02	0	102	82	3	0	9	2	0	75	73	+ 1	— 1	36.9	−22.0	51.4	72
Rangpur	000	0	4	23	02	96	03	1	117	77	4	0	9	3	0	73	72	+ 2	— 1	53.6	−11.6	59.8	84
Jummu																							
Lahore (Jail Rd.)	066	9	0	00	00	96	02	0	142	68	0	0	9	0	0	58	61	— 6	+ 1	36.2	+21.6	50.9	19
Sialkot	032	0	0	00	00	98	10	0	147	72	0	0	9	0	0	52	58	— 5	— 6	27.6	+ .9	34.7	32
Jhelum	073	0	0	00	00	97	02	0	144	64	0	0	9	0	0	55	55	—	—	22.5	—	34.3	—
Rawalpindi	000	0	0	00	00	96	10	0	157	60	0	0	9	0	0	54	54	— 13	— 4	38.1	−14.3	51.8	36
Campbellpur	000	0	0	00	00	98	00	0	146	63	0	0	9	0	0	57	54	—	—	10.8	—	11.8	—
Khushab	000	0	0	00	00	99	00	0	139	66	0	0	9	0	0	48	55	— 14	— 10	7.1	− 3.2	11.1	45
Lyallpur	000	0	0	00	30	96	00	0	132	61	0	0	9	0	0	56	59	— 16	— 4	10.9	+ 1.6	13.9	12
Montgomery	000	0	0	05	02	96	02	0	140	68	0	0	9	0	0	59	62	— 3	— 3	4.6	− 2.9	10.1	10
Multan	000	0	0	36	03	xx	xx	x	129	69	0	0	9	0	0	51	65	— 8	+ 1	5.5	+ 0.6	7.6	7
Leiah	000	0	0	36	03	97	00	0	037	76	0	0	9	0	0	57	64	—	—	9.3	—	10.6	8
Khanpur	000	0	0	02	03	95	06	0	140	68	0	0	9	0	0	61	61	—	—	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	105	71	0	0	9	0	0	61	63	—	—	3.0	− 1.2	4.9	6
Fort Abbas	000	0	0	36	02	98	00	0	140	72	0	0	9	0	0	59	67	—	—	3.1	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	147	60	0	0	9	0	0	47	53	—	—	12.2	—	25.3	—
Peshawar	000	0	0	00	00	97	02	0	156	61	0	0	9	0	0	57	57	— 9	— 4	8.3	+ 3.8	17.3	11
Haripur	000	3	3	13	02	97	02	1	126	65	3	6	6	0	0	53	56	—	—	27.7	—	28.6	—
Bannu	000	0	0	00	00	99	00	0	136	62	0	0	9	0	0	56	60	—	—	5.5	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	144	67	0	0	9	0	0	57	59	— 9	— 4	5.1	− 0.4	7.4	9
Sibi	000	C	0	00	00	94	05	4	145	69	0	0	9	0	0	48	66	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	07	03	98	02	0	102	56	0	0	9	0	0	25	51	—	—	0.1	—	1.0	2
Turbat	000	0	0	16	00	97	00	0	117	71	0	0	9	0	0	26	xx	—	—	4.6	—	11.3	—
Jiwani	000	0	0	23	03	96	02	0	122	74	0	0	9	0	0	59	89	—	—	0.3	—	3.8	5
Pasni	000	0	0	29	02	97	00	0	114	31	1	0	9	0	0	49	xx	+ 4	x	2.0	+ 1.1	5.4	6
Ormara	000	0	0	00	00	95	05	4	113	72	0	0	9	0	0	60	63	—	—	4.4	+ 3.6	9.9	6
Las Bela	000	0	0	00	xx	98	00	0	123	66	0	0	9	0	0	57	59	—	—	0	—	0	8
Karachi (Manora)	000	0	0	05	12	95	05	0	118	75	0	0	9	0	0	62	74	8	8	9.7	+ 3.7	7.8	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	129	71	0	0	9	0	0	65	67	—	—	21.2	—	34.6	—
Nagarparkar	000	0	0	34	00	97	00	0	111	76	0	0	9	0	0	67	xx	—	—	26.1	—	27.3	—
Umerkot	000	0	0	xx	00	97	02	0	116	75	0	0	9	0	0	72	66	—	—	15.9	—	18.0	—
Hyderabad	000	0	0	03	00	95	05	0	125	73	0	0	9	0	0	59	70	0	2	12.0	+ 6.0	18.9	7
Badin	000	0	0	23	02	97	00	0	127	74	0	0	9	0	0	71	72	—	—	14.0	+ 6.8	14.8	9
Pad-i-dan	000	0	0	36	05	96	02	0	131	68	0	3	9	0	0	59	63	—	—	9.6	—	11.1	—
Nawabshah	000	0	0	00	00	96	10	0	138	70	0	0	9	0	0	60	67	—	—	0.6	—	8.2	4
Sukkur	000	0	0	02	06	94	02	0	137	71	0	0	9	0	0	57	68	—	—	1.1	—	2.2	—
Kashmore	000	0	0	05	03	99	00	0	072	73	0	0	9	0	0	61	67	—	—	1.7	—	1.7	4
Jacobabad	000	0	0	13	05	97	02	0	140	73	0	0	9	0	0	61	68	— 7	+ 2	6.6	+ 4.3	8.3	—
Veraval																							20
Jalalabad																							
Muscat																							4
Karwai																							6
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar *																							—
Aliabad *																							—
Gilgit *																							5
Murree *	002	9	0	07	09	98	00	1	519	50	0	0	9	0	0	35	42	— 2	— 8	47.3	+10.7	67.8	59
Drosh *	000	0	0	00	00	98	02	0	536	49	0	0	9	0	0	34	49	— 10	— 8	4.3	—	21.5	18
Cherat *	000	0	0	00	00	96	00	0	476	54	0	0	9	0	0	46	50	— 10	— 5	15.3	+ 3.1	33.4	29
Kakul *	000	9	0	27	02	99	00	5	521	58	0	0	9	0	0	41	51		—	32.7	—	35.0	—
Landi Kotal *	000	0	0	00	00	98	00	0	505	65	0	0	9	0	0	47	47	—	—	4.1	—	12.8	—
Parachinar *	000	0	0	00	00	99	00	0	519	49	0	0	9	0	0	35	45	xx	— 5	10.1	—	28.7	29
Miranshah *	000	0	0	00	00	99	00	0	418	62	0	0	9	0	0	56	60	—	—	9.1	—	7.7	12
Wana *	000	0	0	00	00	99	00	0	517	59	0	0	9	0	0	41	48	—	—	3.0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	98	01	0	538	59	0	0	9	0	0	43	52	— 5	— 1	5.1	+ 0.1	11.2	11
Hindubagh *	000	0	0	27	00	97	00	0	512	50	0	0	9	0	0	27	42	—	—	0.8	—	5.6	—
Loralai *	000	0	0	00	00	99	00	0	344	68	0	0	9	0	0	50	32	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
Quetta *	000	0	0	00	00	96	00	0	519	53	0	0	9	0	0	15	32	— 5	— 12	1.6	+ 0.5	6.2	9
Chaman *	000	0	0	09	05	98	00	0	522	57	0	0	9	0	0	16	48	— 5	— 5	0.7	+ 0.4	6.3	8
Nushki *	000	0	0	09	13	98	00	0	551	63	0	0	9	0	0	46	58	—	—	1.0	—	3.8	—
Dalbandin *	000	0	0	05	03	96	02	0	519	37	0	0	9	0	0	15	46	— 6	— 5	1.3	+ 1.0	0.7	4
Kalat *	000	0	0	31	03	98	00	0	305	45	0	0	9	0	0	20	34	— 6	— 7	1.2	— 0.0	12.9	7
Panjgur *	000	0	0	06	06	98	02	0	800	52	0	0	0	0	0	32	47	— 7	— 7	3.0	—	5.0	5
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 1200 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 980 is given as RRR see the summary above for the actual amount of [illegible]

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 15th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s s PP	8 $N_sC_hh_sh_s$	$OT_aT_aT_dT_d$	$Id_wd_wP_wP_w$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chittagong City	73 230	64 600	0 23 09	98 0 00	xx x80	54 x xx	...	...	...	...
Ocean ensign	73 197	69 630	2 32 05	98 0 20	11 x74	74 x xx	...	...	...	...
Dwarka	73 244	67 588	0 29 07	98 0 20	08 682	88 9 88	85 4 08	...	05 3 73	...
Amra	73 223	64 706	8 25 07	99 0 31	12 682	88 9 07	15 0 10	...	05 4 76	12 6 21
Caltex Parnis	73 192	58 606	1 18 02	98 0 20	02 281	11 4 00	...	...	00 1 68	10 0 x0
Ocean Ensign	73 206	69 706	2 32 05	98 0 20	13 x76	74 x xx	...	...	...	...
Chittagong City	73 224	68 706	0 32 09	98 0 00	xx x84	54 x xx	...	...	05 2 68	10 0 x0
Caltex Parnis	73 179	56 112	2 00 03	99 0 30	02 881	02 1 40	...	...	...	...
Chittagong City	73 217	62 612	0 23 09	98 0 00	xx x83	54 x xx	...	...	00 2 69	12 6 21
Bulimba	73 282	68 612	0 26 07	98 0 20	09 784	00 9 88	25 5 88	...	05 1 72	...
Dwarka	73 248	66 812	9 32 09	97 0 20	09 382	08 9 88	65 4 88	...	05 3 72	13 2 20
Maron	73 212	73 512	3 32 05	98 0 30	09 082	31 5 07	26 6 03	...	05 3 72	11 8 20
Caltex Parnis	73 167	57 518	3 18 02	98 0 23	03 279	22 4 00	...	...	05 0 72	1x x xx
Dwarka	73 248	65 518	0 27 08	98 0 00	11 482	88 9 00	65 1 05	...	00 2 69	12 6 21
Chittagong City	73 211	62 018	0 23 05	98 0 00	xv x80	54 x xx	...	...	...	...
Bulimba	73 229	67 578	0 26 07	98 0 20	08 9xx	00 9 00	25 1 05	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTTdTdTd								HHHTTT			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong	00 00	008 255 235	...	...	142 178 128	...	310 072 546	436 002 998	579 608 995	748 678 998	957 xxx	...	...	...
Dacca														
Kurmi	00 00	008 215 185	009 248 202	...	145 178 008	...	333 095 995	448 018 995	594 560 990	756 660 990	966 638	230 125	415 995	664 [illegible]
Karachi	00 00	988 722 125	110 xxxxxx	...	138 155 095	...	313 015 995	436 570 990	575 655 985	740 745 995	946 815	...	...	...
Lahore														
Multan	00 00	971 155 132	...	...	145 145 035	...	310 032 605	433 555 678	573 638 855	737 785 995	938 918	...	...	...
Peshawar	00 00	...	...	...	...	...	313 010 990	440 625 995	...	...	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd						Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE pt. HHHHTT	TROPOPAUSE pt. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong	00 00	900 185 142	809 148 112	...	...	...	...	...	...	...	800 148 112	...	...
Dacca													
Kurmi	00 00	908 212 035	...	...	...	...	...	...	...	...	908 212 035	...	...
Karachi	00 00	908 192 095	809 108 082	...	...	...	...	...	...	...	800 108 082	...	...
Lahore													
Multan	00 00	928 185 082	908 172 068	800 105 512	...	...	...	...	...	...	800 105 512	...	...
Peshawar	00 00	691 000 990	...	...	...	...	...	...	...	...	691 000 990	...	...
Quetta													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 0300 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At [illegible] hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra																										
Chittagong	36 10	30 11	28 10	25 06	...	...	...	...	...	30 09	30 10	29 09	...	...	...	30 07	28 07	26 05	26 04	24 07	...	...	...	...	...	...
Dacca																										
Kurmi	29 07	28 09	28 10	19 04	09 13	34 08	...	...	...	35 07	34 08	32 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	29 07	28 09	28 10	19 04	09 13	34 08	29 28	30 28	...	34 08	34 08	32 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore																										
Multan	36 08	35 06	34 08	20 02	16 02	...	...	...	...	35 08	35 08	34 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	36 04	34 05	33 08	20 03	20 03	15 06	13 05	10 02	08 02	34 05	33 06	32 06	07 11	08 11	07 11	...	...	...	...	...	...	...	...	...	...	...
Quetta																										
Bhola																										
Dhaka																										
Dinajpur																										
Comilla																										
Feni																										
Fort Sandeman																										
Jacobabad																										
Jessore																										
Kalat																										
Kandla																										
Karachi																										
Khanpur																										
Lahore																										
Multan																										
Panjgur																										
Peshawar																										
Quetta																										
Sibi																										
Sukkur																										
Veraval																										

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

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

Height in g. p. kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	29 03	28 03	31 07	31 09	34 07	35 06	10 05	19 07	19 08	19 04	27 09	26 11	22 15	25 17	...	...	...	...
Kurmi	03 03	28 04	09 04	05 04	06 06	08 07	26 14	35 33	37 05	29 25	29 25	28 17	...	...	25 16	31 17	31 18	...
Karachi	...	28 08	10 02	06 02	09 03	35 16	34 30	33 21	34 19	30 29	31 36	xx xx	xx xx	xx xx	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta																		

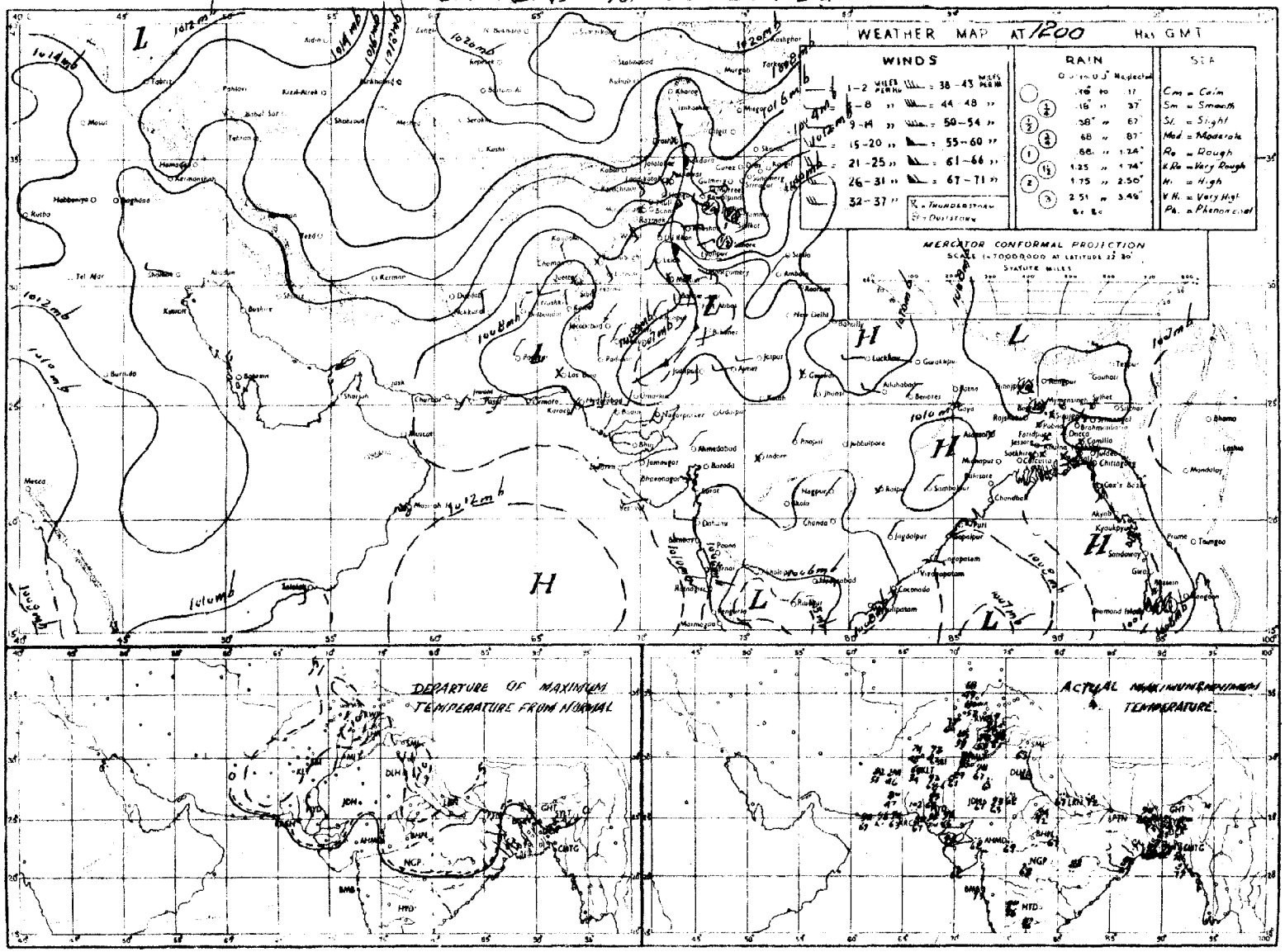
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_sV_s etc.)

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

PAKISTAN DAILY WEATHER MAP

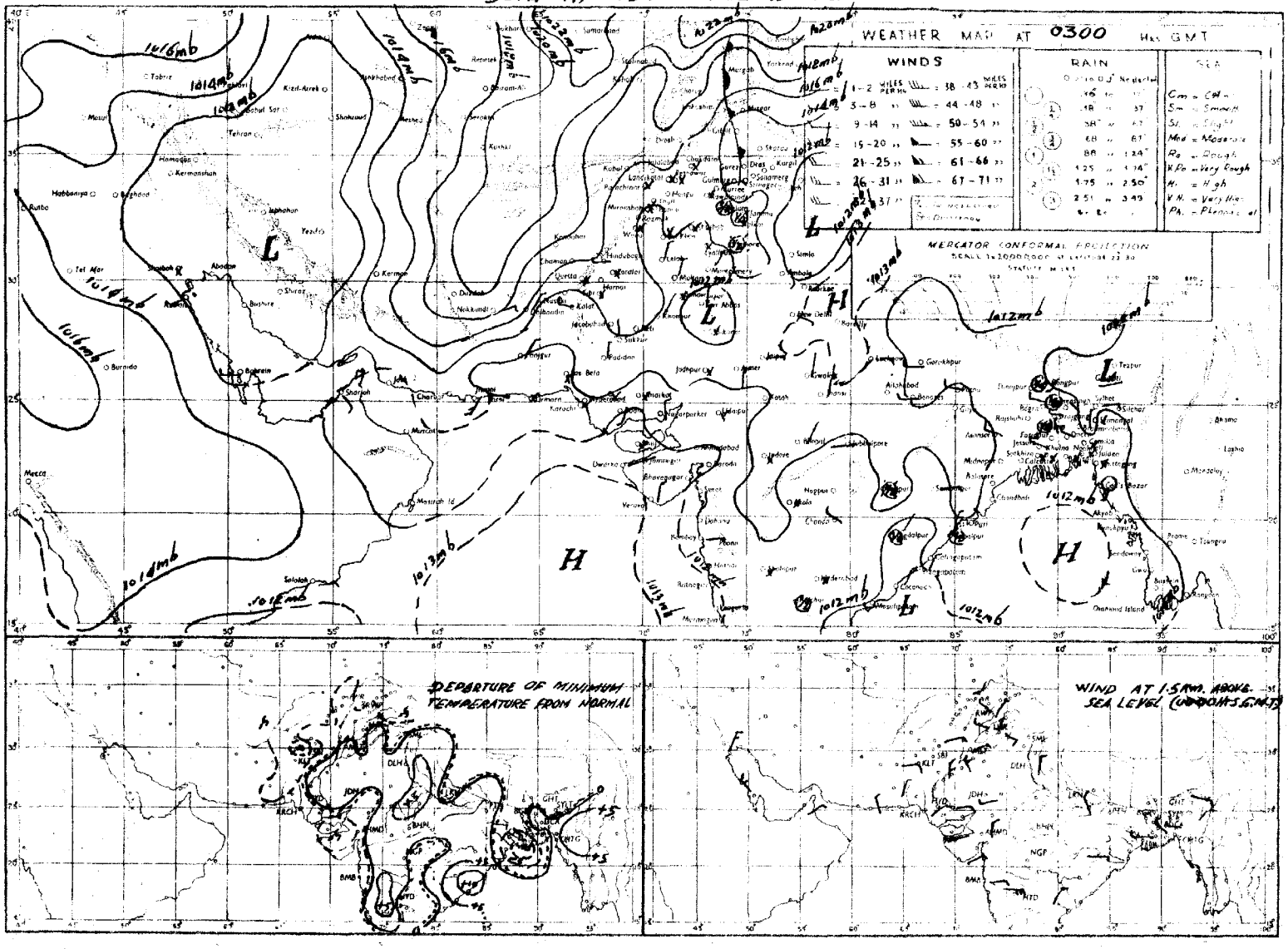
SATURDAY, 14th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 15th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
[illegible] No. 15

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OCT 1 1962
WEATHER BUREAU

MONDAY THE 16th OCTOBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

The low over Southeast and adjoining central Bay of Bengal persists.

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

Yesterday's low pressure wave over D. I. Khan division and neighbourhood is moving across Rawalpindi division and adjoining areas.

Chief amounts of rainfall are:-Chittagong 2"; Rangamati and Pabna 1½" each; Cox's Bazar ½" and Sirajganj ¼" each.

Day temperatures were 10–14°F below normal in Khairpur, Multan, Bahawalpur and Lahore divisions and 4–8°F so elsewhere over West Pakistan outside Karachi divisions.

Forecast valid until the evening of 17th October, 1961:—Local rain/thundershowers will occur in Chittagong division and scattered elsewhere in East Pakistan and in Kashmir, Peshawar and Rawalpindi divisions.

Karachi-11
The 16th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	169	6	9	18	02	xx	00	9	060	76	9	x	x	x	x	73	91
	Cox's Bazar ...	000	0	8	07	02	xx	02	2	079	77	5	8	5	3	0	73	84
	Chittagong ...	158	5	8	13	03	xx	62	6	080	76	7	6	4	6	x	75	89
	Maijdee Court ...	010	3	8	18	09	xx	03	6	075	77	4	2	5	7	x	75	88
	Comilla ...	000	0	6	13	05	96	03	2	055	82	6	4	5	0	0	xx	91
	Brahmanbaria ...	000	0	3	00	00	96	03	1	063	86	2	5	5	0	8	76	89
	Sylhet ...	000	0	2	00	00	xx	01	2	057	83	2	4	6	1	0	77	89
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	3	00	00	97	00	0	063	85	0	0	9	0	4	75	90
	Narayanganj ...	000	9	4	00	00	xx	03	1	063	86	2	4	4	0	8	76	90
	Dacca (Tezgaon) ...	000	0	3	00	01	98	03	1	059	84	3	8	5	0	0	75	89
	Faridpur ...	000	0	2	00	00	96	01	1	089	85	2	4	7	0	0	78	88
Khulna	Barisal ...	000	0	7	05	01	96	02	1	076	80	7	6	6	0	0	74	91
	Khulna ...	000	0	2	00	00	xx	01	1	070	86	2	5	7	0	0	75	91
	Satkhira ...	000	0	4	00	09	96	03	1	063	85	0	0	9	0	4	75	90
	Jessore ...	000	0	4	18	02	96	02	2	075	85	2	4	6	6	0	76	91
Rajshahi	Pabna ...	000	0	2	00	00	xx	01	2	056	87	2	9	6	0	0	77	91
	Sirajganj ...	000	0	0	00	00	97	00	0	058	83	0	0	9	0	0	77	91
	Bogra ...	000	0	4	00	00	96	03	0	068	84	7	5	6	0	1	77	90
	Dinajpur ...	000	0	0	00	00	95	00	1	055	85	0	0	9	0	0	76	90
	Rangpur ...	000	0	2	27	02	96	01	1	057	84	1	2	6	2	0	77	89
Kashmir	Jummu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	106	79	0	0	9	0	0	60	82
	Sialkot ...	000	0	0	00	00	98	00	0	099	80	0	0	9	0	0	62	83
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	099	79	1	1	7	0	0	59	85
	Rawalpindi ...	000	0	0	00	00	99	00	0	109	75	0	0	9	0	0	51	81
	Campbellpur ...	000	0	0	00	00	98	00	0	117	79	0	0	9	0	0	51	79
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	046	84	0	0	9	0	0	53	87
	Lyallpur ...	000	0	0	00	00	96	00	0	113	81	0	0	9	0	0	43	81
Multan	Montgomery ...	000	0	0	18	00	96	00	0	104	82	0	0	9	0	0	57	85
	Multan ...	000	0	0	00	00	97	02	0	101	85	0	0	9	0	0	54	86
	Leiah ...	000	0	0	09	01	97	00	0	068	86	0	0	9	0	0	54	89
Bahawalpur	Khanpur ...	000	0	0	00	00	95	05	0	103	84	0	0	9	0	0	54	87
	Bahawalpur ...	000	0	0	27	01	98	00	0	001	85	0	0	9	0	0	67	87
	Fort Abbas ...	000	0	0	00	00	98	00	0	110	84	0	0	9	0	0	59	88
Peshawar	Chakdara ...	000	0	0	00	00	98	00	0	085	76	0	0	9	0	0	47	79
	Peshawar ...	000	0	0	00	00	97	02	0	104	78	1	1	6	0	0	51	81
	Haripur ...	000	0	0	23	02	97	00	0	121	75	0	0	9	0	0	53	80
D. I. Khan	Bannu ...	000	0	0	18	02	99	00	0	096	82	0	0	9	0	0	47	83
	D. I. Khan ...	000	0	0	00	00	98	00	0	096	85	0	0	9	0	0	57	86
Quetta	Sibi ...	000	0	0	18	02	97	00	0	111	90	0	0	9	0	0	44	92
Kalat	Nokkundi ...	000	0	0	29	03	98	02	0	090	88	0	0	9	0	0	23	89
	Turbat ...	000	0	0	09	02	98	00	0	070	96	0	0	9	0	0	25	99
	Jiwani ...	000	0	0	20	07	97	02	0	104	86	0	0	9	0	0	58	91
	Pasni ...	000	0	0	16	08	97	00	0	099	84	0	0	9	0	0	75	90
Karachi Division	Ormara ...	000	0	0	18	04	95	05	4	096	86	0	0	9	0	0	62	89
	Las Bela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora) ...	000	0	0	25	12	95	05	0	097	84	0	0	9	0	0	75	87
	Karachi (Air Port) ...	000	0	0	23	03	96	02	0	099	85	0	0	9	0	0	65	92
Hyderabad	Nagarparkar ...	000	0	0	18	01	97	00	0	044	92	0	0	9	0	0	51	[illegible]
	Umerkot ...	000	0	0	31	01	98	02	0	088	92	0	0	9	0	0	41	[illegible]
	Hyderabad ...	000	0	0	36	02	96	05	0	099	89	0	0	9	0	0	59	[illegible]
	Badin ...	000	0	0	23	02	97	00	0	107	92	0	0	9	0	0	60	93
Khairpur	Pad-i-dan ...	000	0	0	36	07	96	06	0	102	88	0	0	9	0	0	55	90
	Nawabshah ...	000	0	0	27	05	96	05	0	113	90	0	0	9	0	0	54	91
	Sukkur ...	000	0	0	36	03	96	02	0	101	87	0	0	9	0	0	55	89
	Kashmore ...	000	0	0	00	00	96	00	0	086	85	0	0	9	0	0	58	92
	Jacobabad ...	000	0	7	25	02	96	02	0	107	88	0	0	9	0	0	57	89
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	5	2	00	00	98	01	1	506	53	2	1	4	0	0	41	62
Peshawar	Drosh * ...	000	0	1	23	03	99	01	0	490	72	1	2	7	0	0	35	80
	Cherat * ...	000	0	0	00	00	98	00	0	510	64	0	0	9	0	0	43	64
	Kakul * ...	000	4	2	13	03	97	05	1	505	68	2	1	7	0	0	41	73
	Landi Kotal * ...	000	0	1	13	02	98	01	0	495	72	1	1	7	0	0	53	75
	Parachinar * ...	000	0	2	13	01	99	00	0	496	66	2	0	9	2	0	33	68
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	493	76	0	0	9	0	0	47	79
	Wana * ...	000	0	0	13	03	98	00	0	517	65	0	0	9	0	0	45	65
Quetta	Fort Sandeman * ...	000	0	0	11	01	99	02	0	503	75	0	0	9	0	0	44	78
	Hindubagh * ...	000	0	0	25	14	97	00	0	474	73	0	0	9	0	0	39	75
	Loralai * ...	000	0	3	16	03	99	00	1	384	71	0	0	9	1	1	47	76
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	00	00	98	00	0	510	69	0	0	9	0	0	59	71
	Chaman * ...	000	0	0	27	05	98	00	0	495	75	0	0	9	0	0	08	76
	Nushki * ...	000	0	0	27	05	98	02	0	539	80	0	0	9	0	0	46	81
	Dalbandin * ...	000	0	0	18	02	96	02	0	519	81	0	0	9	0	0	15	83
Kalat	Kalat * ...	000	0	0	31	02	98	00	0	470	64	0	0	9	0	0	37	70
	Panjgur * ...	000	0	0	36	05	98	02	0	510	79	0	0	9	0	0	22	81
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	169	0	7	18	02	98	02	2	118	80	5	8	5	7	x	74	75	—	—	113.0	—	127.4	—
	Cox's Bazar	053	1	7	00	00	97	02	6	104	83	4	4	5	3	0	76	75	— 4	+ 2	161.1	+47.8	174.1	140
	Chittagong	176	9	8	00	00	96	62	6	108	76	8	6	4	x	x	75	75	+ 2	+ 2	123.4	+42.3	164.4	108
	Maijdee Court	000	9	6	00	00	97	02	2	136	81	6	2	5	0	0	75	76	+ 1	+ 2	64.9	— 4.6	131.1	115
	Comilla	000	0	8	13	09	97	02	2	089	82	8	5	5	x	x	76	75	+ 4	+ 2	51.6	—15.5	75.9	94
	Brahmanbaria	000	0	7	16	03	97	03	1	101	80	7	5	5	0	0	76	75	—	—	48.6	— 3.6	64.2	78
	Sylhet	000	1	8	00	00	96	20	2	101	78	7	5	4	2	x	74	75	—	—	98.1	—	—	—
	Srimangal	001	0	8	00	00	94	03	6	xxx	83	8	6	4	x	x	78	73		+ 3	35.0	—28.0	48.8	98
Dacca	Mymensingh	013	3	2	00	00	96	01	6	103	76	2	3	6	0	0	73	72	+ 2	— 2	44.8	—22.3	41.1	91
	Narayanganj	006	9	3	00	00	96	03	1	098	82	2	4	4	0	1	23	78	+ 1	+ 3	58.1	+ 6.6	41.2	74
	Dacca (Tezgaon)	006	9	3	31	02	98	01	6	093	81	x	x	x	x	x	73	76	—	—	56.6	—	80.3	—
	Faridpur	010	0	0	34	02	96	02	6	097	81	4	5	6	1	0	75	74	+ 1	0	47.7	— 2.3	75.2	71
Khulna	Barisal	000	0	6	25	01	97	01	0	104	82	6	6	6	0	0	77	76	+ 3	+ 2	—	—	—	81
	Khulna	000	0	2	00	00	96	01	2	xxx	83	2	5	7	0	0	76	77	—	+ 4	42.6	— 8.9	54.3	68
	Satkhira	000	0	3	00	00	97	01	2	105	82	2	2	8	3	0	75	77	—	+ 5	35.0	—14.2	96.6	65
	Jessore	000	0	2	27	07	97	03	2	096	81	5	5	6	6	0	75	76	+ 2	+ 2	44.0	— 2.3	55.0	65
Rajshahi	Pabna	132	6	8	23	02	96	01	9	095	77	1	0	9	9	x	76	73	—	—	36.8	—	41.1	59
	Sirajganj	036	6	7	00	00	97	02	2	096	88	7	0	9	2	0	74	71	—	— 2	34.8	—13.3	48.1	64
	Bogra	000	0	7	23	02	96	03	2	093	79	5	6	5	2	0	74	75	+ 2	+ 2	43.9	— 9.9	51.4	69
	Dinajpur	000	1	2	00	00	96	04	1	082	83	2	0	9	4	0	76	77	+ 1	+ 5	36.9	—22.2	51.4	72
	Rangpur	000	0	6	23	02	96	03	1	091	81	4	5	6	2	0	77	74	0	+ 3	53.6	—11.9	58.8	64
Kashmir	Jummu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	114	67	0	0	9	0	0	57	60	— 14	+ 2	36.2	+21.6	50.9	19
	Sialkot	000	0	0	00	00	57	00	0	107	71	0	0	9	0	0	54	58	— 10	— 3	27.6	+ .9	34.7	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	110	84	0	0	9	0	0	56	57	—	—	22.5	—	34.3	—
	Rawalpindi	000	0	0	00	00	97	00	0	119	60	0	0	9	0	0	54	50	— 9	— 6	38.1	+14.3	51.8	36
	Campbellpur	000	0	0	00	00	98	00	0	112	64	0	0	9	0	0	53	53	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	118	68	0	0	9	0	0	54	58	— 8	— 4	7.1	— 3.2	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	126	68	0	0	9	0	0	56	60	— 13	— 1	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	05	02	96	02	0	115	70	0	0	9	0	0	58	60	— 13	— 3	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	98	02	0	111	73	0	0	9	0	0	58	65	— 9	+ 3	6.6	+ 0.4	7.6	7
	Leiah	000	0	0	13	01	97	00	0	028	78	0	0	9	0	0	62	64	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	116	71	0	0	9	0	0	57	58	—	— 3	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	107	75	0	0	9	0	0	66	62	—	+ 1	3.0	— 1.2	4.9	6
	Fort Abbas	000	0	0	13	02	98	00	0	115	73	0	0	9	0	0	61	61	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	117	60	0	0	9	0	0	49	53	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	00	00	98	02	0	115	64	0	0	9	0	0	57	57	— 8	— 3	8.3	+ 3.8	17.3	11
	Haripur	000	0	0	23	02	97	00	0	109	65	0	0	9	0	0	49	53	—	—	27.7	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	109	64	0	0	9	0	0	54	59	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	38	00	0	112	66	0	0	9	0	0	58	59	— 8	— 2	5.1	— 0.4	7.4	9
Quetta	Sibi	000	0	0	00	00	94	05	4	119	66	0	0	9	0	0	51	64	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	36	03	98	02	0	161	59	0	0	9	0	0	29	53	—	—	0.1	—	1.0	2
	Turbat	000	0	0	09	00	97	00	0	117	71	0	0	9	0	0	26	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	0	00	00	96	02	0	127	75	0	0	9	0	0	69	67	—	—	0.3	—	3.8	5
	Pasni	000	0	0	29	00	97	00	4	122	68	0	0	9	0	0	66	xx	— 2	x	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	9	0	00	00	95	05	4	123	70	0	0	9	0	0	69	65	—	—	4.4	+ 3.6	9.9	6
	Las Bela	000	0	0	00	xx	98	00	0	128	71	0	0	9	0	0	59	62	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	00	00	95	05	0	120	75	0	0	9	0	0	64	73	— [illegible]	0	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	125	71	0	0	9	0	0	65	67	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	112	75	0	0	9	0	0	56	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	xx	00	97	02	0	110	68	0	0	9	0	0	61	60	—	—	15.9	—	10.8	—
	Hyderabad	000	0	0	00	00	95	05	0	120	72	0	0	9	0	0	60	69	— 4	— 1	12.0	+ 5.9	12.9	7
	Badin	000	0	0	32	02	97	00	0	124	73	0	0	9	0	0	70	71	—	+ 3	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	00	00	96	02	0	119	65	0	0	9	0	0	60	60	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	126	68	0	0	9	0	0	60	63	—	—	0.6	—	8.3	—
	Sukkur	000	0	0	00	00	96	02	0	118	73	0	0	9	0	0	63	78	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	111	73	0	0	9	0	0	60	66	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	00	00	97	02	0	121	73	0	0	9	0	0	62	67	— 10	+ 3	6.6	+ 4.3	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	00	00	98	00	1	501	49	0	0	9	0	0	31	43	— 5	— 6	47.3	+10.6	67.8	58
Peshawar	Drosh *	000	0	0	00	00	98	02	0	515	52	0	0	9	0	0	34	49	+ 2	— 3	4.5	—	21.5	18
	Cherat *	000	0	0	02	05	98	00	0	478	60	0	0	9	0	0	47	50	— 15	— 7	15.3	+ 3.1	33.4	29
	Kakul *	000	0	0	36	02	99	00	0	493	57	0	0	9	0	0	43	52	—	—	32.7	—	35.0	—
	Landi Kotal *	000	0	0	00	00	98	00	0	476	55	0	0	9	0	0	45	48	—	—	4.1	—	12.8	—
	Parachinar *	000	0	0	00	00	99	00	0	481	49	0	0	9	0	0	30	43	— 7	— 5	10.1	—	28.7	39
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	488	62	0	0	9	0	0	41	58	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	98	00	0	505	56	0	0	9	0	0	31	44	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	513	56	0	0	9	0	0	37	48	— 4	— 1	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	25	09	97	00	0	505	53	0	0	9	0	0	21	34	—	—	0.8	—	5.6	—
	Loralai *	000	0	0	31	03	99	00	0	368	55	0	0	9	0	0	25	28	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	—	21.1	+13.5	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	513	53	0	0	9	0	0	17	33	— 4	—	1.6	+ 0.5	6.2	9
	Chaman *	000	0	0	09	05	98	00	0	520	59	0	0	9	0	0	09	47	— 3	— 5	0.7	— 0.4	6.3	8
	Nushki *	000	0	0	09	02	98	02	0	540	64	0	0	9	0	0	40	59	—	—	1.0	—	3.8	—
	Dalbandin *	000	0	0	05	02	97	02	0	503	49	0	0	9	0	0	02	45	— 7	— 4	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	514	44	0	0	9	0	0	16	30	— 5	— 9	1.2	— 0.1	12.9	7
	Panjgur *	000	0	0	09	05	98	02	0	xxx	xx	0	0	9	0	0	10	48	— 6	— 6	2.0	—	5.8	5
Afghanistan	Kabul *																							12
	Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 16th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	13 249	63 900	0 30 06	98 0 00	10 082	00 9 00	65 2 10	...	05 0 xx	...
Ocean Ensign	13 232	67 400	2 32 05	98 2 00	11 584	26 4 00	...	...	...	...
Ocean Ensign	13 241	67 006	2 32 04	98 0 20	15 575	27 4 00	...	...	...	
Dwarka	13 249	62 012	[illegible] 18 06	99 0 23	10 486	00 9 00	55 4 00	...	00 3 63	11 8 22
Dwarka	13 244	60 718	0 23 08	99 0 20	12 682	00 9 00	55 1 03	...	15 1 70	12 3 22
Caltex Parnis	13 116	55 418	1 00 00	98 0 20	04 579	12 4 00	...	...	05 4 66	10 0 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	006 268 252	064 255 215	...	142 155 138	..	307 008 538	439 552 999	572 585 999	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	008 292 175	093 242 172	...	150 192 025	...	313 115 999	440 030 999	585 552 999	776 670 999	965 825	240 025	421 138	...
Lahore ...	00 00	987 245 205	101 xxxxxx	...	150 225 128	...	321 175 038	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	968 155 115	...	...	142 168 052	...	311 072 595	435 515 732	577 635 999	743 750 999	947 860	...	...	...
Quetta ...	00 00	833 068 538	...	...	...		313 098 702	440 042 999	586 540 999	747 660 999	970 735	263 800	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 202 178	807 118 095	...	...	...	...	...		...	800 118 095	...	...
Jiwani ...													
Karachi ...	00 00	900 232 055	800 142 515	...	...	...	...	...	...	...	800 142 515	...	...
Lahore ...	00 00	900 228 162	800 208 068	...	...	...	...	...	...	...	800 208 068	...	...
Multan ...													
Peshawar ...	00 00	900 162 105	840 168 058	800 152 032	...	...	...	...	...	...	800 152 032	...	...
Quetta ...	03 00	800 082 528	726 102 678	675 085 815	549 000 999	...	...	...	...	...	549 000 999	...	...

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

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

UPPER WIND DATA*

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

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	2	3	4	5	6	7	8	9	10
Bogra ...	29 08	29 04	27 06	25 10	26 07	26 02	...	–	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	24 05	29 03	33 07	04 03	08 04	33 14	33 17	31 17	29 19
Chittagong ...	17 04	02 01	28 03	03 03	32 01	...	...	...	...
Cox's Bazar ...	06 03	31 01	30 05	28 05	29 06	...	...	...	...
Dacca ...	30 04	30 07	30 07	03 06	34 06	32 05	10 01	18 03	24 [illegible]
Dalbandin ...	...	...	16 01	08 02	34 07	30 04	30 17	33 30	32 28
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 10	21 12	27 09	28 07	30 07
Fort Sandeman ...	...	...	...	28 01	18 02	33 12	32 23	31 46	...
Jacobabad ...	07 04	09 03	10 03	23 01	09 05	31 09	33 10	32 19	27 32
Jessore ...	29 05	28 05	28 04	30 05	28 01	01 05	28 07	21 07	24 32
Jhelum ...	33 01	32 03	31 04	31 03	33 05	25 03	32 15	33 20	32 23
Jiwani ...	16 07	13 05	05 03	36 06	01 14	04 10	34 07	30 06	27 63
Karachi ...	18 06	10 05	07 09	06 13	06 11	35 08	34 08	35 15	35 15
Khanpur ...	04 07	02 07	02 08	05 13	07 27	...	...	...	...
Lahore ...	35 03	35 05	35 05	35 04	30 09	32 09	34 12	32 14	32 17
Multan ...	06 04	01 03	36 03	36 04	29 11	31 10	32 23	32 31	32 34
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 04	04 03	36 05	34 13	32 20	32 18
Peshawar ...	...	13 02	15 03	12 02	26 03	32 13	32 16	32 18	32 26
Quetta ...	...	...	...	...	29 06	26 05	32 17	31 23	31 41
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 07	25 05	21 03	18 03	20 03	...	...	...	...
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	11	12	13	14	15	16
Bogra ...	24 08	...	...	...	...	...
Chaklala ...	...	08 01	35 07	33 09	34 10	31 09
Chhor ...	07 15	06 07	35 05	33 08	35 04	36 15
Chittagong ...	21 09	21 06	22 06	08 08	07 02	30 03
Cox's Bazar ...	19 05	20 06	20 05	28 06	22 09	...
Dacca ...	27 08	26 10	26 10	23 09	22 06	25 10
Dalbandin ...	...	...	02 05	09 07	31 06	33 15
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	21 02	22 03	23 07
Fort Sandeman ...	...	...	...	22 03	30 08	33 07
Jacobabad ...	02 01	18 03	24 04	26 07	31 06	33 13
Jessore ...	28 18	28 15	27 16	25 11	24 11	24 08
Jhelum ...	29 03	32 08	31 10	30 08	33 05	02 06
Jiwani ...	04 05	33 06	32 07	26 07	03 08	05 12
Karachi ...	...	...	...	...	...	...
Khanpur ...	19 03	23 04	25 07	26 15	23 10	21 13
Lahore ...	28 11	31 10	32 10	24 11	33 08	31 12
Multan ...	19 06	19 07	20 07	26 10	29 13	31 10
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 16	36 19	33 17
Peshawar ...	...	25 03	22 02	36 04	33 06	01 08
Quetta ...	...	...	...	...	32 04	29 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	13 05	...	...	...	...	...
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	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	21 03	20 02	...	...	...	...	...	...	...	...	...
Chaklala ...	...	21 01	30 04	31 04	32 02	22 02	29 09	31 19	31 25	...	...
Chhor ...	04 01	36 08	36 04	36 02	01 03	03 12	34 15	34 23	33 26	32 26	...
Chittagong ...	17 06	22 02	17 03	08 05	07 05	33 04	...	...	...	...	...
Cox's Bazar ...	20 09	18 06	18 05	18 04	22 05	30 05	...	...	...	...	...
Dacca ...	24 03	25 07	25 12	25 15	25 13	25 14	25 18	24 21	24 22	xx xx	24 20
Dalbandin ...	...	...	08 06	03 05	02 05	36 04	31 20	31 19	30 26	32 35	30 31
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 05	02 10	03 15	35 19	36 20	35 32	...
Fort Sandeman ...	...	...	...	22 05	31 08	34 10	32 17	32 29	31 37	31 37	...
Jacobabad ...	21 05	22 07	22 07	22 03	24 05	30 07	32 26	31 35	30 40	30 47	...
Jessore ...	27 03	29 04	28 04	27 13	25 09	...	...	...	...	...	...
Jhelum ...	30 01	31 05	31 10	31 09	32 04	29 06	32 06	29 15	30 21	[illegible]	...
Jiwani ...	22 01	03 01	03 03	01 04	02 09	03 09	08 05	02 09	01 08	[illegible]	...
Karachi ...	26 06	21 04	21 03	07 04	04 08	33 07	34 12	34 06	31 10	[illegible]	...
Khanpur ...	19 10	22 08	21 07	25 15	26 15	23 08	34 04	32 11	31 26	[illegible]	...
Lahore ...	32 07	30 12	30 09	32 09	33 08	33 09	31 17	31 23	31 32	34 42	...
Multan ...	19 07	19 08	19 10	23 13	24 09	30 08	28 19	30 27	[illegible] 32	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 08	35 13	36 09	32 07	31 88	33 03	34 14	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	30 03	35 12	32 20	30 38	29 67	28 09	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	12 03	12 03	16 02	26 0x	27 09	27 15	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	25 07	25 08	25 10	25 15	03 15	02 10	22 10	24 10	36 10	08 07	28 21	32 80	30 25	...	...	...	...	
Karachi ...	28 02	09 02	01 07	01 10	05 05	04 10	35 11	36 11	34 42	33 88	33 98	83 11	...	...	...	...	...	
Peshawar ...	...	31 11	01 12	31 09	34 12	33 22	33 26	34 31						...	...	...	...	
Quetta ...	...	...	...	...		...	...	...										

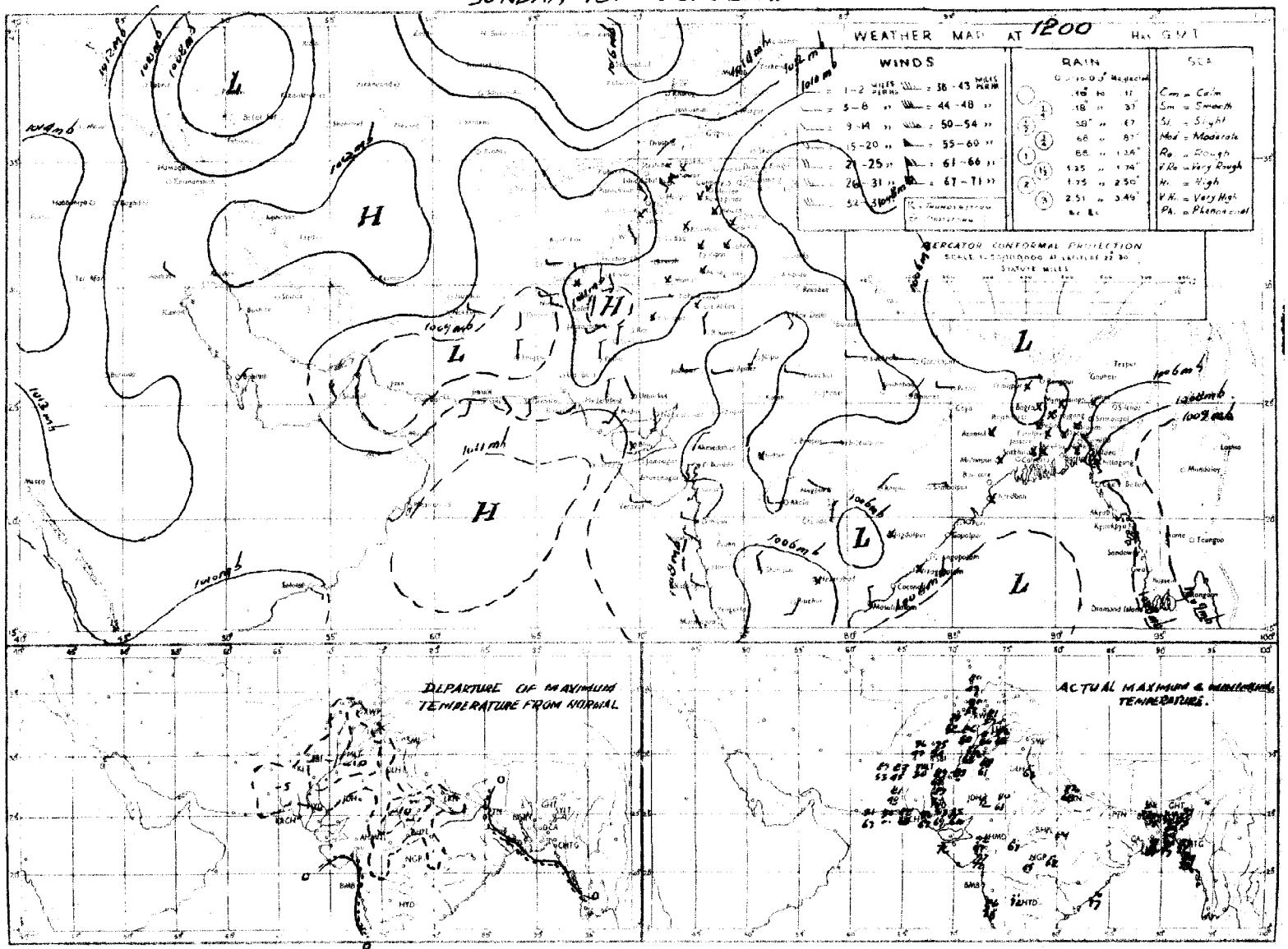
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

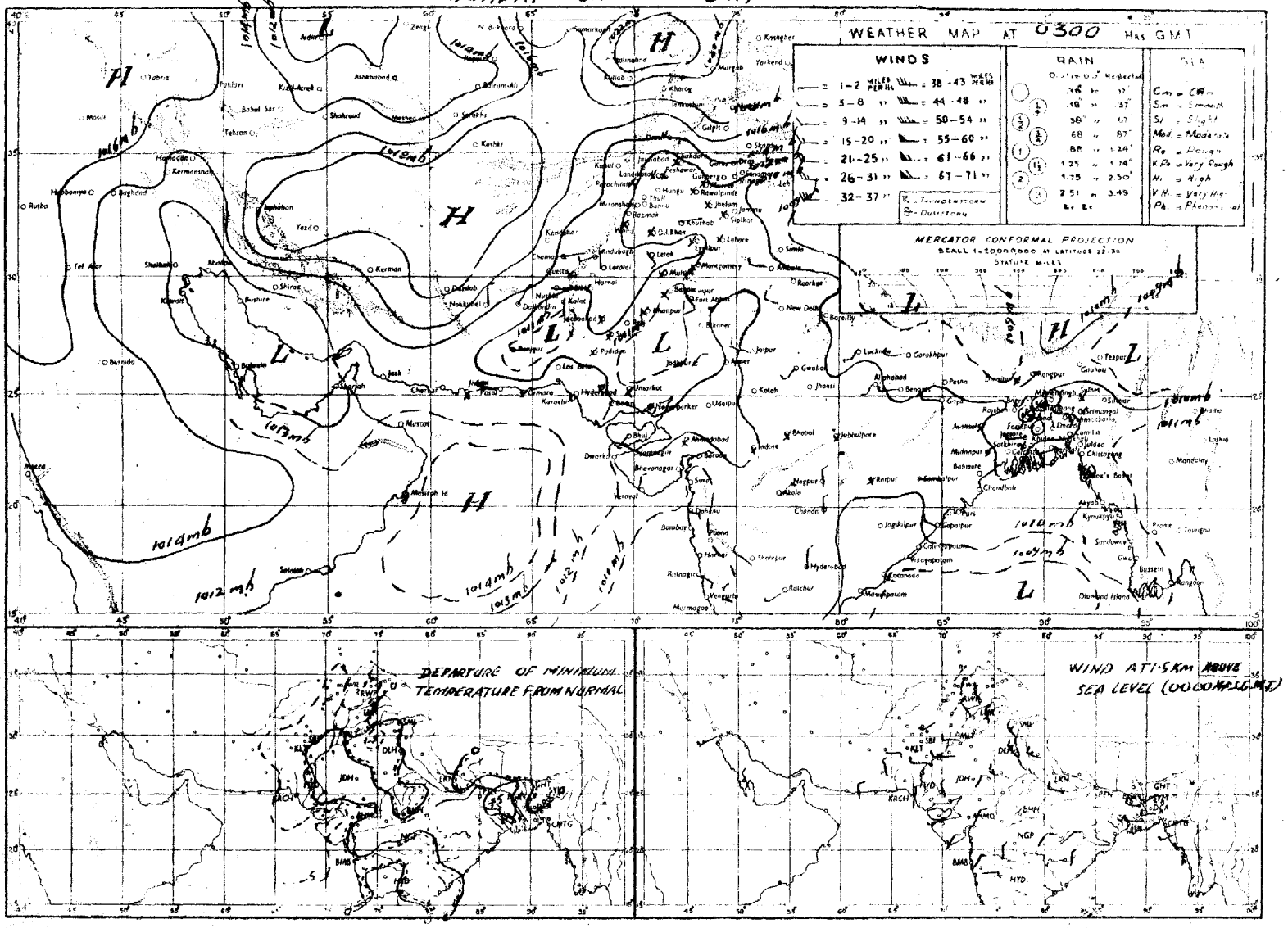
SUNDAY, 15th OCTOBER, 1961.



Rainfall amounts indicated in [illegible]

PAKISTAN DAILY WEATHER MAP

MONDAY 16th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-14
Volume No. 15

TUESDAY THE 17th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The low in the South and central Bay of Bengal persists.

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

Rain/thundershowers have been widespread in Dacca division, local in Chittagong division and scattered in Khulna division. Light rain is also reported from Rajshahi division.

Yesterday's low pressure wave over Rawalpindi division moved away. A fresh westerly low pressure wave lies over D. I.Khan division and adjoining areas. Weather remained dry over West Pakistan.

Chief amounts of rainfall are:-Sylhet 2" Brahmanbaria and sathkhira 1" each; Srimangal 3/4"; Narayanganj and Dacca ½" each and Mymensingh ¼".

Day temperatures were 6-8°F below normal in Lahore, Rawalpindi, Multan, D.I. Khan and Bahawalpur divisions and 3-5°F so in Chittagong, Quetta and Kalat divisions.

Forecast valid until the evening of 18th October, 1961:—Rain//thundershowers will be local in Dacca and Chittagong divisions and scattered in Rajshahi, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-11
The 17th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	18	05	xx	00	2	089	81	9	x	0	x	x	79	91
	Cox's Bazar	000	0	7	20	05	xx	02	6	075	81	5	4	5	7	6	75	85
	Chittagong	002	8	5	18	02	xx	02	6	075	80	1	3	6	2	2	75	83
	Maijdee Court	010	4	6	00	00	95	03	6	063	78	4	2	5	0	6	74	84
	Comilla	006	8	8	00	00	96	02	6	064	80	8	5	4	x	x	76	84
	Brahmanbaria	075	2	6	18	05	96	03	9	073	75	6	3	5	0	0	72	84
	Sylhet	005	8	6	00	00	xx	61	6	064	79	5	5	5	6	x	75	84
	Srimangal	001	7	8	17	05	93	50	6	xxx	77	8	8	4	0	0	75	85
Dacca	Mymensingh	013	9	6	00	00	95	03	6	048	83	5	3	6	0	0	76	86
	Narayanganj	000	9	0	13	03	xx	03	1	071	81	8	4	2	x	x	73	90
	Dacca (Tezgaon)	002	4	6	11	02	97	02	6	065	80	4	9	4	3	0	76	89
	Faridpur	014	2	6	00	00	96	02	6	067	82	5	4	6	1	0	75	88
Khulna	Barisal	008	2	6	18	01	96	02	6	073	78	6	5	5	0	0	74	88
	Khulna	000	0	6	00	00	xx	02	1	070	86	6	5	5	0		75	91
	Satkhira	005	1	8	00	00	95	03	6	090	78	6	4	4	3	x	75	89
	Jessore	000	0	4	36	02	96	02	2	065	84	2	4	6	6	0	77	89
Rajshahi	Pabna	000	0	7	00	00	xx	03	2	062	82	2	3	6	7	0	77	91
	Sirajganj	000	0	6	00	00	96	03	1	063	80	6	1	5	4	0	76	85
	Bogra	001	9	9	00	00	96	02	2	061	80	5	4	6	6	x	74	86
	Dinajpur	000	0	0	00	00	95	00	0	051	84	0	0	9	0	0	75	99
	Rangpur	000	0	3	27	02	96	01	1	058	82	1	2	6	3	0	76	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	088	81	0	0	9	0	0	57	85
	Sialkot	003	0	0	00	00	97	00	0	076	82	0	0	9	0	0	60	85
Rawalpindi	Jhelum	000	0	0	18	02	97	02	0	077	81	0	0	9	0	0	65	85
	Rawalpindi	000	0	1	00	00	98	00	0	083	78	1	1	8	0	0	49	83
	Campbellpur	000	0	0	00	00	98	00	0	077	82	0	0	9	0	0	47	84
Sargodha	Khushab	000	0	0	00	00	99	00	0	074	89	0	0	9	0	0	69	90
	Lyallpur	000	0	0	00	00	99	00	0	089	86	0	0	9	0	0	51	86
Multan	Montgomery	000	0	0	00	00	96	00	0	104	82	0	0	9	0	0	57	xx
	Multan	000	0	0	00	00	98	02	0	073	87	0	0	9	0	0	50	90
	Leiah	000	0	0	18	02	97	00	0	058	88	0	0	9	0	0	49	90
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	081	86	0	0	9	0	0	55	89
	Bahawalpur	000	0	0	27	01	98	00	0	085	86	0	0	9	0	0	64	86
	Fort Abbas	000	0	0	36	02	98	00	0	085	89	0	0	9	0	0	53	93
Peshawar	Chakdara	000	0	0	00	00	98	00	0	062	77	0	0	9	0	0	47	81
	Peshawar	000	0	0	00	00	97	01	0	079	80	0	0	9	0	0	54	83
	Haripur	000	0	0	13	02	97	00	0	066	75	0	0	9	0	0	53	80
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	110	82	0	0	9	0	0	45	84
	D. I. Khan	000	0	0	00	00	98	00	0	071	87	0	0	9	0	0	61	89
Quetta	Sibi	000	0	0	18	03	97	00	0	075	91	0	0	9	0	0	49	93
Kalat	Nokkundi	000	0	0	34	03	98	02	0	079	88	0	0	9	0	0	33	91
	Turbat	000	0	0	29	02	98	00	0	067	98	0	0	9	0	0	44	01
	Jiwani	000	0	0	23	07	97	02	0	098	83	0	0	9	0	0	69	83
	Pasni	000	0	0	20	10	97	00	0	092	84	0	0	9	0	0	75	90
Karachi Division	Ormara	000	0	0	23	05	95	05	4	086	86	0	0	9	(	0	66	90
	Las Bela	000	0	0	00	00	98	00	0	098	96	0	0	9	0	0	xx	97
	Karachi (Manora)	000	0	0	27	12	97	02	0	086	83	0	0	9	0	0	74	86
	Karachi (Air Port)	000	0	0	23	09	96	05	0	092	86	0	0	9	0	0	46	91
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	077	92	0	0	9	0	0	51	96
	Umerkot	000	0	0	23	01	98	02	0	076	94	0	0	9	0	0	53	97
	Hyderabad	000	0	0	20	02	97	02	0	078	92	0	0	9	0	0	48	97
	Badin	000	0	0	23	02	97	00	0	088	91	0	0	9	0	0	59	98
Khairpur	Pad-i-dan	000	0	0	31	05	96	02	0	076	92	0	0	9	0	0	42	94
	Nawabshah	000	0	0	00	00	96	02	0	078	92	0	0	9	0	0	48	95
	Sukkur	000	0	0	23	02	97	02	0	076	91	0	0	9	0	0	61	94
	Kashmore	000	0	0	00	00	99	00	0	076	83	0	0	9	0	0	55	92
	Jacobabad	000	0	0	18	02	97	02	0	079	89	0	0	9	0	0	68	96
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	484	59	8	0	9	0	0	37	61
Peshawar	Drosh *	000	0	0	23	07	98	02	0	467	76	0	0	9	0	0	24	81
	Cherat *	000	0	0	10	00	98	00	0	504	70	0	0	9	0	0	47	78
	Kakul *	000	0	1	23	07	99	01	0	492	69	1	1	7	0	0	42	74
	Landi Kotal *	000	0	0	13	02	98	00	0	504	70	0	0	9	0	0	53	79
	Parachinar *	000	0	2	13	01	99	00	0	401	67	7	0	9	2	0	31	70
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	513	77	0	0	9	0	0	66	79
	Wana *	000	0	0	05	02	99	00	0	505	71	0	0	9	0	0	42	77
Quetta	Fort Sandeman *	000	0	0	34	01	99	02	0	484	78	0	0	9	0	0	43	81
	Hindubagh *	000	0	0	27	07	97	00	0	456	74	0	0	9	0	0	21	71
	Loralai *	000	0	0	16	03	99	00	0	399	72	0	0	9	0	0	49	77
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	525	69	0	0	9	0	0	48	70
	Chaman *	000	0	0	27	05	98	00	0	490	75	0	0	9	0	0	08	77
	Nushki *	000	0	0	00	00	98	02	0	537	75	0	0	9	0	0	43	77
	Dalbandin *	000	0	0	11	03	98	02	0	514	82	0	0	9	0	0	25	85
Kalat	Kalat *	000	0	0	34	05	98	00	0	465	64	0	0	9	0	0	37	71
	Panjgur *	000	0	0	36	03	99	02	0	505	80	0	0	9	0	0	14	83
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	000	0	3	36	02	99	01	1	131	82	2	2	5	0	1	74	76	—	—	113.1	—	120.4	—
Cox's Bazar	000	0	6	02	05	97	03	2	115	83	5	5	4	3	0	74	74	— 2	+ 1	161.1	+47.8	174.1	140
Chittagong	002	0	5	18	03	96	02	2	118	82	3	3	5	6	1	74	75	— 4	+ 2	123.5	+42.1	164.5	100
Maijdee Court	010	9	4	00	00	96	03	6	125	84	4	1	6	0	0	75	75	— 2	+ 2	85.0	+17.7	121.2	115
Comilla	010	9	8	13	02	97	66	9	108	82	8	5	5	x	x	76	74	— 4	+ 1	57.7	−15.6	76.0	94
Brahmanbaria	097	9	7	13	02	96	03	9	125	77	7	5	5	0	0	72	74	—	—	49.6	− 2.8	65.1	78
Sylhet	182	4	6	09	02	95	20	6	118	78	6	7	4	8	0	75	76	—	—	99.9	—	—	—
Srimangal	072	2	8	09	03	94	02	6	xxx	75	8	6	4	0	0	73	72	— 5	+ 2	35.8	−27.4	49.5	90
Mymensingh	030	8	1	00	00	xx	xx	x	124	80	1	2	1	0	0	74	73	— 1	— 1	45.1	−22.2	61.4	91
Narayanganj	064	4	8	11	02	95	29	9	121	76	6	4	2	3	x	75	74	+ 2	— 1	58.8	+ 7.1	61.8	74
Dacca (Tezgaon)	040	5	0	00	00	97	02	9	114	76	3	8	5	4	0	75	73	—	—	57.1	—	80.7	—
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					71
Barisal	008	0	0	00	00	97	00	1	116	82	0	0	9	0	0	75	76	+ 1	+ 2	—	—	—	81
Khulna	000	0	2	00	00	96	01	1	118	83	2	5	7	0	0	73	76	+ 4	+ 3	42.6	− 9.0	54.3	68
Satkhira	091	9	6	00	00	96	02	6	123	82	4	4	4	3	0	76	74	— 1	+ 2	35.9	−13.5	57.6	65
Jessore	000	0	7	36	03	96	03	2	118	81	5	5	6	6	0	74	76	0	+ 2	44.0	− 2.6	55.0	65
Pabna	003	7	7	00	00	97	01	6	121	79	1	0	9	9	0	76	73	—	—	36.8	—	41.2	59
Sirajganj	000	0	6	00	00	98	02	1	120	79	6	0	9	4	0	73	73	— 2	0	34.8	−13.6	48.1	64
Bogra	001	0	7	00	00	96	03	2	118	81	3	5	5	2	0	75	75	— 1	+ 2	43.9	−12.3	51.5	69
Dinajpur	000	9	6	00	00	96	02	2	108	81	6	0	9	2	0	74	76	+ 2	+ 4	36.9	−22.5	51.4	72
Rangpur	000	0	7	23	02	96	03	2	121	80	7	5	6	0	0	76	76	+ 1	+ 5	53.6	−12.2	59.8	84
Jammu																							
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	135	69	0	0	9	0	0	56	61	— 9	+ 3	36.2	+21.6	50.9	49
Sialkot	000	0	0	00	00	97	00	0	124	68	0	0	9	0	0	59	59	— 7	— 1	27.6	+ 3.9	34.7	32
Jhelum	000	0	0	00	00	96	02	0	123	65	0	0	9	0	0	55	57	—	—	22.5	—	34.3	—
Rawalpindi	000	0	0	00	00	97	10	0	135	61	0	0	9	0	0	54	54	— 6	— 2	38.1	+14.3	51.9	36
Campbellpur	000	0	0	00	00	98	00	0	129	63	0	0	9	0	0	52	54	—	—	10.8	—	11.8	—
Khushab	000	0	0	00	00	99	00	0	119	66	0	0	9	0	0	57	58	— 4	— 4	7.1	− 3.2	11.1	15
Lyallpur	000	0	0	00	00	99	05	4	118	73	0	0	9	0	0	40	60	— 7	— 1	10.9	+ 1.6	13.9	12
Montgomery	000	0	0	00	00	96	02	0	123	70	0	0	9	0	0	54	61	x	— 2	4.6	− 2.9	10.1	10
Multan	000	0	0	00	00	98	02	0	118	71	0	0	9	0	0	52	67	— 4	+ 5	5.5	+ 0.6	7.4	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Khanpur	000	0	0	23	02	95	05	0	121	69	0	0	9	0	0	55	57	— 6	— 4	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	101	75	0	0	9	0	0	60	63	— 8	+ 2	3.0	− 1.2	4.9	6
Fort Abbas	000	0	0	13	02	98	00	0	125	75	0	0	9	0	0	47	61	—	—	3.1	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	127	58	0	0	9	0	0	49	53	—	—	12.2	—	25.3	—
Peshawar	000	0	0	00	00	97	02	0	130	64	0	0	9	0	0	52	58	— 4	— 2	8.3	+ 3.7	17.3	11
Haripur	000	0	0	23	02	97	00	0	119	67	0	0	9	0	0	51	55	—	—	27.2	—	28.6	—
Bannu	000	0	0	31	02	99	00	0	119	66	0	0	9	0	0	49	60	—	—	5.5	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	120	66	0	0	9	0	0	56	60	— 4	— 1	5.1	− 0.4	7.4	9
Sibi	000	2	0	00	00	94	05	4	126	63	0	0	9	0	0	52	61	—	—	3.5	—	5.4	5
Nokkundi	000	0	0	27	03	98	02	0	141	68	0	0	9	0	0	27	58	—	—	0.1	—	1.0	2
Turbat	000	0	0	09	02	97	02	0	112	74	0	0	9	0	0	57	xx	—	x	4.6	—	11.3	—
Jiwani	000	0	0	23	03	96	02	0	123	74	0	0	9	0	0	71	69	—	—	0.3	—	3.8	5
Pasni	000	3	0	25	02	97	00	4	114	72	0	0	9	0	0	71	xx	— 2	x	2.0	+ 1.1	5.4	6
Ormara	000	9	0	00	00	96	00	0	113	70	0	0	9	0	0	69	66	—	—	4.4	+ 3.6	9.9	6
Las Bela	000	0	0	00	00	98	00	0	107	71	0	0	9	0	0	57	62	—	—	0	—	0	8
Karachi (Manora)	000	0	0	31	05	95	05	0	116	75	0	0	9	0	0	67	72	— 2	— 1	9.7	+ 3.7	9.8	8
Karachi (Air Port)	000	0	0	00	00	96	01	0	115	70	0	0	9	0	0	63	64	—	—	21.2	—	24.6	—
Nagarparkar	000	0	0	00	00	97	00	0	125	76	0	0	9	0	0	67	xx	—	—	26.1	—	27.3	—
Umerkot	000	0	0	11	01	97	02	0	117	74	0	0	9	0	0	62	64	—	—	15.9	—	18.0	—
Hyderabad	000	0	0	03	00	97	02	0	116	73	0	0	9	0	0	60	67	— 1	— 3	12.0	+ 5.9	12.9	7
Badin	000	0	0	23	02	97	00	0	114	74	0	0	9	0	0	71	70	+ 3	+ 2	14.0	+ 6.8	14.8	9
Pad-i-dan	000	0	0	00	00	96	02	0	113	67	0	0	9	0	0	57	60	—	—	9.6	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	115	69	0	0	9	0	0	57	63	—	—	0.6	—	8.3	—
Sukkur	000	0	0	00	00	95	02	0	114	75	0	0	9	0	0	56	71	—	—	1.1	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	122	71	0	0	9	0	0	xx	65	—	—	1.8	—	1.7	—
Jacobabad	000	0	0	36	02	96	02	0	121	67	0	0	9	0	0	62	65	— 1	+ 1	6.6	+ 4.3	8.3	4
Veraval																							30
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	0	27	02	98	00	0	513	50	0	0	9	0	0	31	42	— 4	— 7	47.3	+10.6	67.8	59
Drosh *	000	0	0	00	00	98	02	0	524	52	0	0	9	0	0	27	51	+ 5	— 1	4.5	—	21.5	18
Cherat *	000	0	0	00	00	96	00	0	516	60	0	0	9	0	0	47	xx	+ 2	x	15.3	+ 3.1	33.4	29
Kakul *	000	0	0	09	02	99	00	0	507	61	0	0	9	0	0	45	53	—	—	32.7	—	35.0	—
Landi Kotal *	000	0	0	00	00	98	00	0	498	60	0	0	9	0	0	45	48	—	—	4.1	—	12.8	—
Parachinar *	000	0	0	00	00	99	00	0	518	49	0	0	9	0	0	33	44	— 4	— 4	18.1	—	28.7	29
Miranshah *	000	0	0	00	00	99	00	0	494	61	0	0	9	0	0	38	56	—	—	3.1	—	7.7	14
Wana *	000	0	0	00	00	99	00	0	509	53	0	0	9	0	0	32	44	—	—	3.0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	99	02	0	513	56	0	0	9	0	0	xx	50	— 1	+ 1	5.1	+ 0.1	11.2	11
Hindubagh *	000	0	0	27	02	97	00	0	507	53	0	0	9	0	0	21	36	—	—	0.6	—	5.6	—
Loralai *	000	0	0	29	03	99	00	0	360	53	0	0	9	0	0	32	29	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	x	x	21.1	+13.5	34.7	14
Quetta *	000	0	0	00	00	96	00	0	518	50	0	0	9	0	0	09	31	—	—	1.6	+ 0.5	6.2	9
Chaman *	000	0	0	13	03	91	00	0	514	59	0	0	9	0	0	39	46	— 2	— 6	0.7	+ 0.4	6.3	8
Nushki *	000	0	0	09	05	98	02	0	551	63	0	0	9	0	0	35	58	—	—	1.1	—	3.8	—
Dalbandin *	000	0	0	05	03	98	02	0	497	50	0	0	9	0	0	15	44	— 2	— 5	1.3	+ 1.0	2.7	4
Kalat *	000	0	0	18	03	98	00	0	501	48	0	0	9	0	0	03	31	— 3	— 8	1.2	− 8.1	12.9	7
Panjgur *	000	0	0	05	02	98	02	0	495	54	0	0	9	0	0	13	48	— 3	— 6	2.0	—	5.0	5
Kabul *																							12
Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 17th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_o$	$L_cL_cL_c$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LbC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	Id$_w$ d$_w$ P$_w$ H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cereal	23 201	66 406	0 15 04	98 0 00	14 682		00 9 00	34 4 00	...	00 2 77	11 5 xx
Jal Rajendra	23 205	66 406	0 32 05	97 0 00	12 982		00 9 00	...	...		
Caltex Rotterdam	23 216	62 006	1 10 09	98 0 20	45 479		11 5 00	...	...	05 5 66	12 5 31
Dwarka	23 252	57 618	0 15 04	99 0 00	11 788		00 9 00	75 2 05	...	00 1 68	11 5 10
BAY OF BENGAL											
Mimunimaru	22 093	90 906	8 00 00	99 0 22	10 084		12 4 07	54 7 08	...	00 2 xx	10 0 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	008 245 225	073 242 168	...	149 148 095	...	309 082 062	434 015 512	579 562 602	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	008 192 172	091 195 135	...	146 182 999	...	312 085 999	438 035 999	583 568 999	753 692 999	961 835	...	...	...
Lahore ...	00 00	986 225 132	088 xxxxx	...	149 168 092	...	312 068 045	437 515 999	579 598 999	749 692 999	960 772	242 862	...	...
Multan ...														
Peshawar ...	00 00	969 162 098	...	...	141 152 012	...	309 038 702	432 535 792	573 520 999	741 722 999	948 828	226 958	...	...
Quetta ...	00 00	832 112 545	...	...	...	...	316 092 598	440 535 999	582 630 999	749 730 999	950 790	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 192 145	800 122 072	584 002 522	456 608 662	...	...	...	...	...	456 608 662	...	...
Jiwani ...													
Karachi ...	00 00	900 235 088									900 235 088		
Lahore ...	00 00	900 178 102	800 145 078	...	...	...	...	...	...	...	800 145 078	...	...
Multan ...													
Peshawar ...	00 00	925 192 075	900 182 048	800 118 562	...	...	...	...	...	...	800 118 562	...	...
Quetta ...	00 00	803 145 525	767 175 562	654 000 999	...	...	...	...	...	...	654 800 999	...	...

PPP - Pressure in hundreds tens and units of millibars.

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

St— Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																										
Chaklala ...	21 04	27 05	28 07	30 07	29 08																					
Cibor ...	...	29 04	27 05	27 05	17 01	02 01	31 15	32 18	32 27	...	35 06	32 10	33 18	36 05	34 12	...	20 02	30 05	32 05	33 08	29 03	30 13	33 19	32 22	33 48	31 62
Chittagong ...	26 06	28 07	30 07	01 07	06 07	33 13	34 20	32 28	32 30	26 14	26 18	25 06	15 04	12 05	35 13	26 06	23 06	21 06	15 07	08 07	xx xx	34 22	02 15	04 80	...	...
Cox's Bazar ...	18 07	18 06	19 06	20 08	...	...	...	...	...	13 05	14 03	07 01	01 05	22 03	22 08	32 05	02 04	05 05	05 08	08 08	18 05	24 11	26 15	...	...	...
Dacca ...	19 08	19 07	20 07	21 05	...	...	...	...	...	26 02	28 04	26 02	02 02	18 03	20 09	36 01	02 02	02 01	01 01	17 07	xx xx	25 12	23 16	26 19	...	...
Dalbandin ...	25 65	24 07	24 08	24 08	24 11	29 10	28 16	26 22	25 27	36 03	34 05	32 10	29 08	26 06												
D. I. Khan ...			14 02	36 03	33 11	35 10	31 32	32 31	33 33	...	...	07 04	04 08	01 09	02 10	...	...	06 04	06 05	04 11	09 09	24 19	30 25	30 26	29 24	31 40
Drosh ...										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...					25 01	21 01	20 30	07 01	32 09	...	...	...	24 02	23 03	20 06					01 10	01 12	36 29	36 35	...	...	...
Jessore ...				09 01	27 03	26 05	32 31	32 31	32 39	...	...	...	07 01	34 06	34 08				23 03	34 02	30 03	33 19	35 22	33 33	32 32	...
Jhelum ...	24 06	23 03	21 03	20 06	21 07	29 12	30 37	30 37	...	15 01	24 03	28 03	34 09	34 09	35 08	34 01	15 02	15 02	01 03	13 04	33 05	33 24	33 31	33 37	32 33	...
Jiwani ...	31 06	31 06	29 07	25 13	24 18	25 13	...	...	...	29 08	26 09	23 06	23 06	22 03	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	28 02	24 04	27 05	29 09	36 05	01 02	32 10	30 22	31 29	31 04	30 05	32 08	01 05	30 06	28 18	08 01	32 03	29 06	30 10	29 08	35 06	32 15	31 20	31 24	31 61	...
Khanpur ...	22 09	23 06	29 05	01 09	02 10	36 10	04 07	03 15	06 13	28 11	31 11	32 10	33 07	03 07	01 11	26 05	30 06	29 04	04 04	03 13	02 11	01 05	09 12	09 07	04 99	...
Lahore ...	24 10	27 12	28 10	28 03	30 02	33 11	34 14	32 08	36 14							25 06	26 07	26 07	12 02	06 08	01 03	34 15	36 16	61 08	...	...
Multan ...	15 08	15 09	13 12	13 14	11 10	18 07	...	...	...	26 05	28 06	24 10	23 14	24 20	27 23	19 05	22 07	22 08	22 09	21 10	18 07	05 07	34 15	34 18	...	...
Mauripur ...	26 04	32 07	31 08	34 08	33 04	34 07	...	...	...	26 08	27 09	28 10	29 11	32 11	34 11	33 05	31 10	34 14	33 07	33 08	35 05	33 13	xx xx	32 61	...	...
Multan ...	18 06	23 05	23 06	25 10	25 08	32 12	31 27	31 35	30 49	18 09	21 14	21 11	25 09	31 05	36 17	19 09	22 12	23 10	25 04	28 04	34 06	33 19	33 23	22 28	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	27 05	22 03	xx xx	...	...	...	...	36 10	23 10	05 06	35 11	32 05	31 88	33 14
Panjgur ...	...	...	...	33 04	35 08	32 14	33 15	36 20	35 22	...	26 03	33 03	36 05	32 15	25 21	...	07 02	12 02	32 06	29 21	30 06	02 09	33 15	32 24	31 16	
Peshawar ...	...	02 08	04 09	14 07	17 07	26 05	31 22	32 20	32 26	...	...	...	...	31 03	28 08	...	...	...	...	04 01	34 04	32 12	32 23	31 29	30 68	...
Quetta ...	...	...	...	...	...	31 09	34 09	34 17	30 27	31 32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	15 07	11 06	22 04	26 05	2 51	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s.—1 →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	21 02	33 01	32 02	32 01	24 03	22 09	21 15	22 08	22 10									
Karachi ...	27 10	30 08	32 05	02 04	03 02	03 03	15 12	25 12	23 10									
Peshawar ...	...	25 23	01 23	04 21	35 10	34 19	34 27	33 24	33 29	34 13	33 17	33 13	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	33 51	81 00	82 28	82 18	...	...	...	...	...

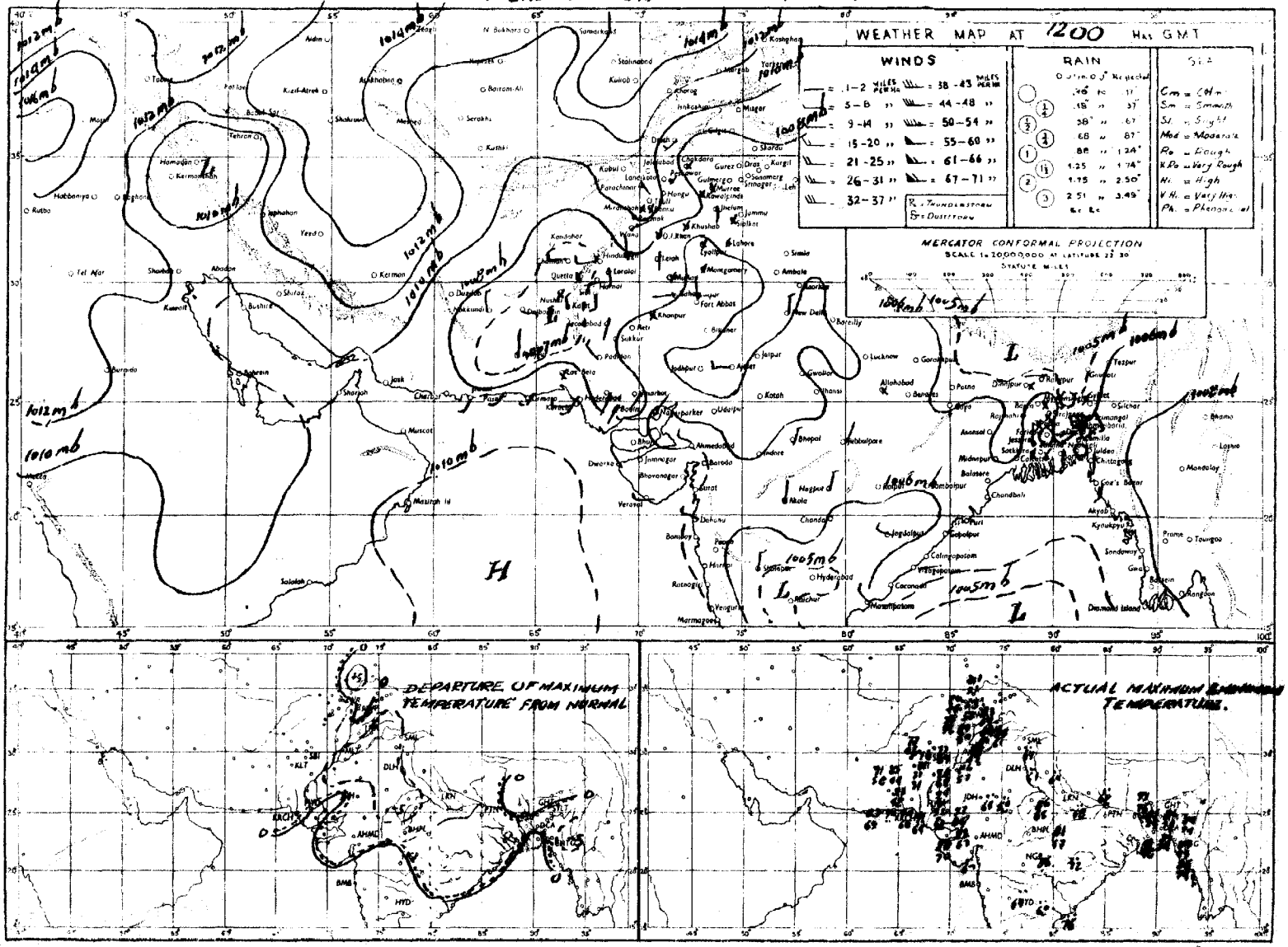
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North, through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

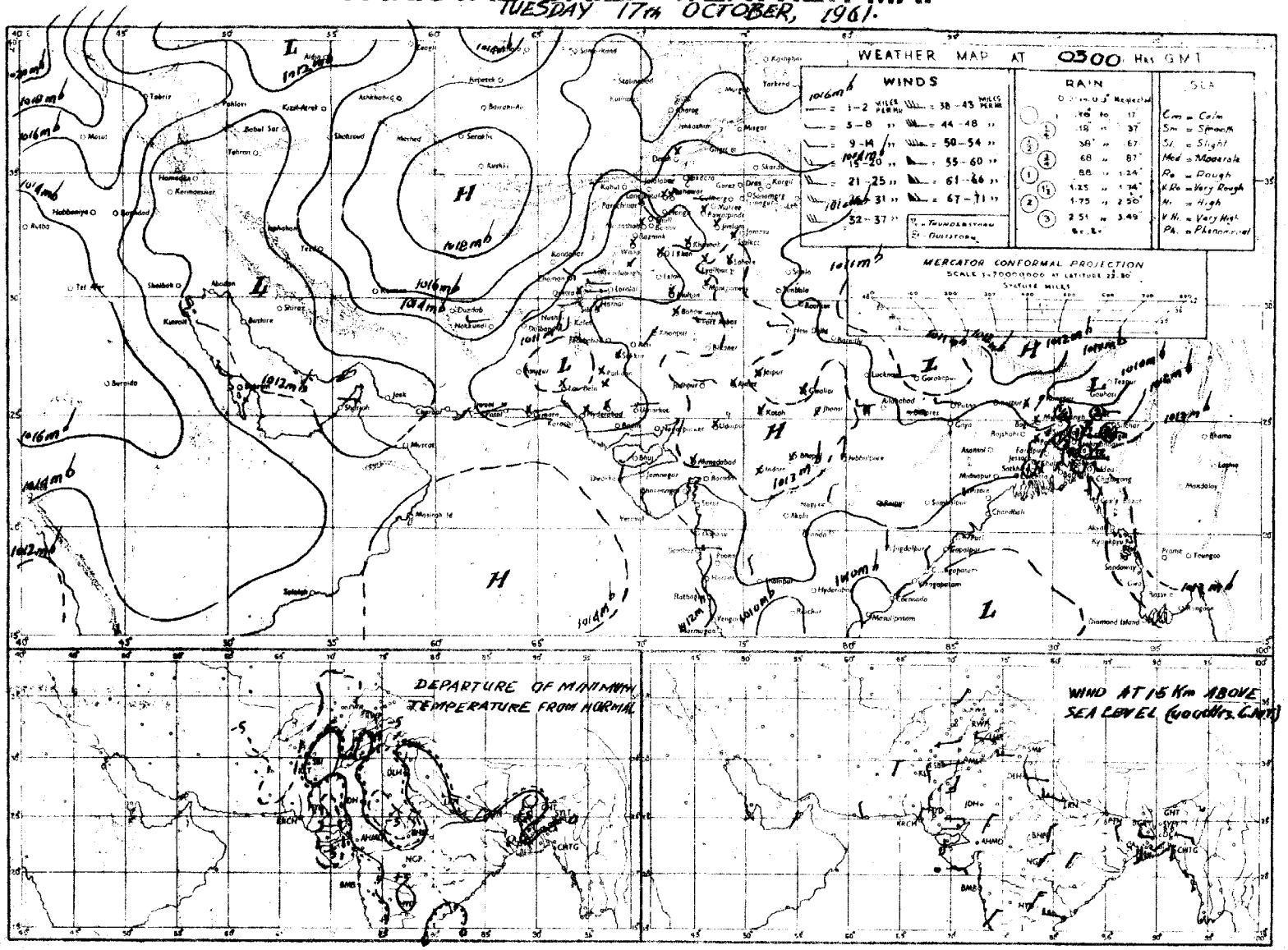
MONDAY 16th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 17th OCTOBER, 1961.



Rainfall amounts indicated in M above chart refer to mm/24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 18th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over central Bay of Bengal moved westwards and now lies off Circars coast.

The westerly low pressure wave over northern parts of East Pakistan is now moving away across Assam.

Rainfall has been local in Dacca and Khulna divisions and scattered in Chittagong division. A few falls of light rain or drizzle have also been reported from Rajshahi division.

The low pressure wave over D. I. Khan division has moved away northeastwards.

A western disturbance is moving across north of Afghanistan with its associated trough extending to D. I. Khan division and neighbourhood. Weather remained dry over West Pakistan.

Chief amounts of rainfall are:—Satkhira 4"; Khulna 1"; Faridpur ½" and Maijdee Court and Dacca ¼" each.

Day temperatures were 3-6°F below normal in Rawalpindi, Lahore, Sargodha Multan and south Kalat divisions.

Forecast valid until the evening of 19th October, 1961:—scattered thunderstorm/showers will occur in East Pakistan, over hills Peshawar division and in Kashmir.

Karachi-1
The 18th October, 1961.

ZARIF AHMED.
for Director, Meteorological Service.

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	02	0	099	83	9	x	0	x	x	76	90
	Cox's Bazar	000	0	2	00	00	96	01	1	092	83	2	3	5	0	0	74	87
	Chittagong	000	0	7	31	03	xx	03	2	090	81	3	5	5	2	2	77	90
	Maijdee Court	030	7	6	00	00	xx	03	6	091	80	6	2	5	0	0	76	85
	Comilla	000	0	6	00	00	96	03	1	082	83	6	4	5	0	0	79	89
	Brahmanbaria	000	0	4	00	00	96	01	1	090	84	4	5	5	0	0	75	87
	Sylhet	000	0	6	00	00	xx	03	1	085	81	5	4	6	7	0	xx	84
	Srimangal	000	9	7	00	00	93	02	2	xxx	79	7	0	9	7	0	79	xx
Dacca	Mymensingh	000	0	3	00	00	95	03	0	091	81	3	3	5	0	0	75	85
	Narayanganj	000	9	6	00	00	xx	03	1	093	84	x	x	x	x	x	75	97
	Dacca (Tejgaon)	000	0	7	00	00	97	02	2	089	82	5	8	5	0	7	77	83
	Faridpur	000	0	7	00	00	90	02	2	089	82	2	4	5	1	0	73	87
Khulna	Barisal	000	0	9	09	01	96	02	2	096	79	8	5	5	x	x	73	86
	Khulna	105	2	8	00	00	xx	63	6	102	75	8	7	4	x	x	73	87
	Satkhira	110	2	8	00	00	95	61	6	103	77	6	4	4	3	x	74	89
	Jessore	000	0	5	36	03	90	02	2	087	83	4	4	6	1	0	74	xx
Rajshahi	Pabna	000	0	5	00	00	xx	01	2	093	82	0	0	9	0	5	77	85
	Sirajganj	000	0	7	00	00	90	02	2	003	80	7	0	9	2	0	70	90
	Bogra	000	0	7	34	02	96	02	2	054	79	3	5	6	7	0	71	83
	Dinajpur	000	9	6	00	00	95	02	6	087	79	6	0	9	2	0	76	85
	Rangpur	005	2	7	00	00	96	01	5	095	74	7	5	6	0	0	69	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	05	02	96	02	0	107	82	0	0	9	0	0	58	87
	Sialkot	000	0	0	00	00	97	00	0	117	83	0	0	9	0	0	58	86
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	102	84	1	1	7	0	0	63	88
	Rawalpindi	000	0	0	00	00	98	00	0	108	79	0	0	9	0	0	55	86
	Campbellpur	000	0	0	00	00	98	00	0	103	84	0	0	9	0	0	43	86
Sargodha	Khushab	000	0	0	00	00	99	00	0	109	89	0	0	9	0	0	58	92
	Lyallpur	000	0	0	00	00	96	00	0	120	86	0	0	9	0	0	48	86
Multan	Montgomery	000	0	0	00	00	96	02	0	107	87	0	0	9	0	0	57	92
	Multan	000	0	0	00	00	98	02	0	103	87	0	0	9	0	0	53	91
	Leiah	000	0	0	00	00	97	00	0	103	89	0	0	9	0	0	48	91
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	101	80	0	0	9	0	0	57	94
	Bahawalpur	000	0	0	27	02	98	00	0	107	93	0	0	9	0	0	67	93
	Fort Abbas	000	0	0	00	00	98	00	0	105	90	0	0	9	0	0	48	96
Peshawar	Chakdara	000	0	0	00	00	98	00	0	085	76	0	0	9	0	0	50	83
	Peshawar	000	0	0	05	02	97	02	0	100	81	0	0	9	0	0	81	84
	Haripur	000	0	0	23	02	97	00	0	114	75	0	0	9	0	0	57	81
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	095	84	0	0	9	0	0	50	87
	D. I. Khan	000	0	0	00	00	98	00	0	095	89	0	0	9	0	0	62	90
Quetta	Sibi	000	6	0	23	03	97	00	0	097	92	0	0	9	0	0	43	95
Kalat	Nokkundi	000	0	0	11	03	98	02	0	079	91	0	0	9	0	0	39	93
	Turbat	000	0	0	18	03	98	00	0	067	98	0	0	9	0	0	27	01
	Jiwani	000	0	0	23	10	97	02	0	098	83	0	0	9	0	0	69	88
	Pasni	000	0	0	25	14	97	00	0	097	84	0	0	9	0	0	74	88
Karachi Division	Ormara	000	0	1	27	05	96	03	0	096	84	1	1	6	0	0	77	86
	Las Bela	000	0	0	00	00	98	00	0	087	95	0	0	9	0	0	70	96
	Karachi (Manora)	000	0	0	27	12	98	02	0	104	84	0	0	9	0	0	75	87
	Karachi (Air Port)	000	0	0	23	07	97	02	0	100	85	0	0	9	0	0	64	89
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	096	92	0	0	9	0	0	52	96
	Umerkot	000	0	0	29	01	98	02	0	097	90	0	0	9	0	0	56	96
	Hyderabad	000	0	0	15	02	97	02	0	098	91	0	0	9	0	0	45	00
	Badin	000	0	0	23	02	97	00	0	109	87	0	0	9	0	0	72	97
Khairpur	Pad-i-dan	000	0	0	18	05	96	02	0	101	92	0	0	9	0	0	43	95
	Nawabshah	000	0	0	00	00	96	02	0	102	92	0	0	9	0	0	46	95
	Sukkur	000	0	0	00	00	96	02	0	100	89	0	0	9	0	0	56	95
	Kashmore	000	0	0	00	00	99	00	0	107	92	0	0	9	0	0	60	92
	Jacobabad	000	0	0	31	02	97	02	0	103	93	0	0	9	0	0	53	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	517	56	0	0	9	0	0	43	62
Peshawar	Drosh *	000	0	0	23	07	98	02	0	497	77	0	0	9	0	0	31	84
	Cherat *	000	0	0	05	09	98	00	0	491	69	0	0	9	0	0	47	75
	Kakul *	000	6	0	23	05	98	02	0	514	76	0	0	9	0	0	41	75
	Landi Kotal *	000	0	1	03	02	98	00	0	498	74	0	0	9	0	0	56	81
	Parachinar *	000	0	2	13	01	99	00	0	503	70	2	0	9	2	0	22	73
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	507	80	0	0	9	0	0	49	82
	Wana *	000	0	0	13	02	99	00	0	505	75	0	0	9	0	0	32	78
Quetta	Fort Sandeman *	000	0	0	11	01	99	02	0	538	79	0	0	9	0	0	07	81
	Hindubagh *	000	0	0	25	09	97	00	0	471	75	0	0	9	0	0	31	79
	Loralai *	000	0	0	11	03	99	00	0	364	73	0	0	9	0	0	50	77
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	517	74	0	0	9	0	0	46	71
	Chaman *	000	0	0	27	05	98	00	0	486	79	0	0	9	0	0	09	80
	Nushki *	000	0	0	27	05	98	00	0	552	84	0	0	9	0	0	59	85
	Dalbandin *	000	0	0	13	03	98	02	0	519	85	0	0	9	0	0	12	87
Kalat	Kalat *	000	0	0	31	02	98	00	0	467	70	0	0	9	0	0	50	74
	Panjgur *	000	0	0	27	02	98	02	0	515	86	0	0	9	0	0	08	83
Afghanistan	Kabul *																	
	Kandahar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	3	05	02	99	01	1	150	83	2	1	5	0	1	76	78	—	—	113.1	—	120.4	—
	Cox's Bazar	000	0	3	09	02	57	02	0	131	85	2	3	5	3	0	76	76	0	+ 3	161.1	+47.5	174.1	140
	Chittagong	003	0	2	05	02	96	01	1	136	86	1	0	8	1	1	77	76	+ 3	+ 3	123.5	+42.0	164.5	109
	Maijdee Court	030	9	2	36	05	97	02	1	138	82	2	6	9	0	0	73	75	— 1	+ 1	85.3	— 4.6	123.3	115
	Comilla	000	0	6	36	09	96	03	0	138	85	6	4	5	0	0	75	79	+ 1	+ 6	51.7	—15.8	76.0	94
	Brahmanbaria	000	0	6	36	02	97	03	1	143	80	6	4	5	0	0	76	76	—	—	49.6	— 2.9	65.1	78
	Sylhet	000	0	7	09	05	96	02	2	136	80	5	4	6	2	0	75	75	—	—	99.9	—	—	—
	Srimangal	000	3	7	05	03	95	05	2	xxx	81	0	0	4	4	0	77	74	—	+ 4	35.8	—27.6	49.5	90
Dacca	Mymensingh	000	0	7	00	00	96	03	1	151	78	7	3	6	0	0	71	72	— 2	— 2	45.1	—22.4	61.4	91
	Narayanganj	009	2	8	00	00	96	03	6	145	80	6	4	3	3	x	74	75	— 1	0	58.9	+ 7.0	61.9	74
	Dacca (Tejgaon)	018	9	7	00	00	97	21	6	144	75	7	0	9	7	0	73	74	—	—	57.2	—	80.9	—
	Faridpur	055	0	7	00	00	96	02	6	113	78	4	5	6	1	0	77	71	0	— 3	—	—	—	71
Khulna	Barisal	000	0	4	36	01	97	01	0	137	82	4	0	9	8	0	75	75	— 1	+ 1	—	—	—	81
	Khulna	105	0	4	00	00	96	01	1	142	83	4	5	6	0	0	75	74	0	+ 1	43.7	— 8.1	55.3	68
	Satkhira	420	9	6	00	00	96	02	6	149	79	4	4	6	3	0	73	73	0	+ 1	40.1	— 9.4	61.3	68
	Jessore	004	6	7	36	03	96	03	6	124	79	7	5	6	0	0	73	73	—	— 1	44.1	— 2.6	55.1	65
Rajshahi	Pabna	007	9	7	xx	08	97	01	0	148	77	7	0	9	9	0	73	72	—	—	36.9	—	41.2	59
	Sirajganj	000	0	8	00	00	97	02	2	150	78	8	0	9	2	0	71	71	+ 3	— 2	34.8	—13.8	48.1	64
	Bogra	005	9	7	36	02	96	03	5	149	77	3	5	6	7	0	69	71	— 4	— 2	43.9	—10.4	51.5	68
	Dinajpur	000	0	0	00	00	96	00	0	150	81	0	0	9	0	0	69	69	— 2	— 3	36.9	—22.7	51.4	72
	Rangpur	005	0	3	27	02	96	01	1	154	77	3	0	9	3	0	69	68	— 1	— 3	53.6	—12.4	80.9	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	147	69	0	0	9	0	0	57	59	— 7	+ 1	36.2	+21.6	30.9	19
	Sialkot	000	0	0	00	00	97	00	0	148	74	0	0	9	0	0	57	60	— 6	— 1	27.6	+ 6.1	34.7	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	146	65	0	0	9	0	0	55	57	—	—	22.5	—	34.3	—
	Rawalpindi	000	0	0	00	00	97	10	0	161	61	0	0	9	0	0	53	54	— 3	— 2	38.1	+14.2	81.9	36
	Campbellpur	000	0	0	00	00	98	00	0	158	63	0	0	9	0	0	54	54	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	147	62	0	0	9	0	0	51	57	— 2	— 5	7.1	— 3.2	11.4	15
	Lyallpur	000	0	0	00	00	94	05	4	145	68	0	0	9	0	0	51	59	— 7	— 2	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	152	68	0	0	9	0	0	53	59	— 4	— 4	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	98	02	0	151	73	0	0	9	0	0	61	65	— 3	+ 3	5.5	+ 0.6	7.6	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	149	70	0	0	9	0	0	54	58	— 1	— 3	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	154	76	0	0	9	0	0	59	62	— 1	+ 1	3.0	— 1.2	4.9	8
	Fort Abbas	000	0	0	13	03	98	00	0	157	75	0	0	9	0	0	48	66	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	165	59	0	0	9	0	0	48	52	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	18	02	98	02	0	163	65	0	0	9	0	0	49	59	— 3	— 1	8.3	+ 3.7	17.3	11
	Haripur	000	0	0	23	02	97	00	0	151	67	0	0	9	0	0	49	54	—	—	27.2	—	20.6	—
D. I. Khan	Bannu	000	0	0	27	02	99	00	0	155	67	0	0	9	0	0	48	61	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	145	64	0	0	9	0	0	57	59	— 3	— 2	5.1	+ 0.5	7.4	9
Quetta	Sibi	000	2	0	00	00	94	00	4	144	67	0	0	9	0	0	41	62	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	23	03	98	02	0	171	61	0	0	9	0	0	26	56	—	—	0.1	—	1.0	2
	Turbat	000	0	0	23	00	97	00	0	152	76	0	0	9	0	0	48	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	1	09	02	96	03	0	151	75	1	6	5	0	0	63	70	—	—	0.3	—	3.8	5
	Pasni	000	1	2	07	02	97	03	0	150	78	0	0	9	2	0	75	xx	— 4	xx	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	1	x	00	00	93	28	4	151	74	x	x	x	x	x	74	68	—	—	4.4	+ 3.6	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	165	73	0	0	9	0	0	65	65	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	36	10	96	02	0	149	73	0	0	9	0	0	68	71	— 1	— 2	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	00	00	96	02	0	156	71	0	0	9	0	0	67	65	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	155	78	0	0	9	0	0	62	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	00	00	97	02	0	150	72	0	0	9	0	0	47	64	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	03	00	97	02	0	151	73	0	0	9	0	0	63	68	+ 2	— 2	12.0	+ 5.9	12.9	7
	Badin	000	0	0	23	02	97	00	0	152	76	0	0	9	0	0	63	73	+ 2	+ 5	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	00	00	96	02	0	150	69	0	0	9	0	0	55	59	—	—	9.6	—	11.4	—
	Nawabshah	000	0	0	00	00	97	02	0	150	71	0	0	9	0	0	40	63	—	—	0.6	—	8.3	—
	Sukkur	000	0	0	20	02	95	02	0	152	74	0	0	9	0	0	41	70	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	142	77	0	0	9	0	0	48	60	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	00	00	99	02	2	138	76	0	0	9	0	0	63	67	— 2	+ 3	6.6	+ 4.3	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							8
Rawalpindi	Murree *	000	0	0	31	02	98	00	0	524	58	0	0	9	0	0	21	45	— 3	— 4	47.3	+10.5	67.8	89
Peshawar	Drosh *	000	0	0	00	00	98	02	0	554	53	0	0	9	0	0	29	51	+ 8	— 1	4.5	—	21.5	18
	Cherat *	000	0	0	34	05	98	00	0	507	62	0	0	9	0	0	42	56	— 1	— 1	15.3	+ 3.0	33.4	29
	Kakul *	000	0	0	27	02	99	00	0	533	60	0	0	9	0	0	45	54	—	—	32.7	—	35.0	—
	Landi Kotal *	000	0	0	00	00	98	00	0	523	59	0	0	9	0	0	47	49	—	—	4.1	—	12.8	—
	Parachinar *	000	0	0	00	00	99	00	0	542	50	0	0	9	0	0	31	44	— 1	— 4	18.1	—	28.7	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	524	62	0	0	9	0	0	37	58	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	99	00	0	509	55	0	0	9	0	0	29	46	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	551	51	0	0	9	0	0	xx	50	— 1	+ 1	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	27	00	97	00	0	518	51	0	0	9	0	0	25	33	—	—	0.7	—	5.5	—
	Loralai *	000	0	0	34	05	99	00	0	334	51	0	0	9	0	0	33	29	—	—	2.7	—	5.4	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	512	52	0	0	9	0	0	09	33	—	—	1.6	+ 0.5	6.2	9
	Chaman *	000	0	0	09	03	98	00	0	533	64	0	0	9	0	0	11	50	+ 1	— 2	0.7	+ 0.4	6.3	8
	Nushki *	000	0	0	09	13	98	02	0	359	72	0	0	9	0	0	38	60	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	07	03	98	02	0	517	53	0	0	9	0	0	12	46	×	— 3	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	527	50	0	0	9	0	0	15	37	0	— 2	1.2	— 0.1	12.9	7
	Panjgur *	000	0	0	05	02	98	02	0	523	66	0	0	9	0	0	19	51	— 3	— 3	2.0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandahar *																							

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 18th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_bL_c$	$L_aL_bL_c$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_aV_as a PP	8 $N_sC_sh_sh_s$	OT,T.T_dT_d	I_w d_w P_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bonibaba	33 190	68 600	0 00 00	99 0 20	12 576	88 9 08	16 3 08	...	05 4 68	10 0 x0
Cercal	33 179	69 836	0 36 10	98 0 00	12 092	00 9 08	34 4 03	...	00 0 75	13 6 xx
Express	33 158	53 906	4 05 04	98 0 30	14 682	44 6 00	15 2 10	...	00 0 67	10 5 x0
Bonibaba	33 199	59 906	0 09 00	99 0 20	15 277	00 9 08	16 3 08	...	05 5 73	10 0 x0
Alfred Tristaint	33 213	59 512	0 22 07	98 0 20	11 779	80 9 08	...	...	05 4 63	12 2 20
Calcex the Hague	33 045	58 612	0 00 00	98 0 20	09 586	80 9 09	...	...	09 5 70	10 0 x0
Alfred Tristaint	33 228	59 618	0 20 10	98 0 20	12 581	00 9 00	76 4 00	...	05 2 59	12 0 20
Alanak	33 185	57 718	0 17 05	98 0 20	14 277	00 9 03	56 x 10	...	02 7 68	11 9 73

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT$_d$T$_d$T$_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	23 00	010 252 228	100 252 228	...	148 172 135	...	314 085 082	440 008 508	585 565 592	755 672 748	965 818	239 025	488 155	...
Jiwani														
Karachi	00 00	011 212 195	106 242 198	...	150 218 995	...	317 125 995	443 052 992	591 540 990	763 678 992	976 765	259 942	447 088	...
Lahore	00 00	999 202 185	097 xxxxxx	...	140 145 135	...	304 035 022	427 530 999	570 592 999	740 675 999	...	...	...	...
Multan														
Peshawar	00 00	973 165 048	...	...	148 155 012	...	313 062 632	437 505 752	581 602 999	749 708 999	947 752	...	...	...
Quetta			...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	23 00	900 212 182	800 135 105	350 738 832	...	...	...	...	...	...	350 738 832	...	...
Jiwani													
Karachi	00 00	900 235 072	...	...	...	...	...	...	...	...	900 235 072	...	...
Lahore	00 00	900 175 152	800 122 108	...	...	...	...	...	...	...	800 122 108	...	...
Multan													
Peshawar	00 00	985 195 082	900 192 852	800 122 928	...	...	...	...	...	...	800 122 528	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.

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

ss—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in Kms a.s.l. →	At 1200 hrs, G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs, G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra																										
Chittagong																										
Dacca	26 04	25 03	23 02	11 05	07 04	35 13	34 23	39 19	33 16																	
Jiwani																										
Karachi	28 04	27 05	26 03	10 03	23 08	23 10	28 05	31 20	30 31																	
Lahore	36 02	29 03	29 04	24 04	01 04	05 04	31 22	30 31	30 28																	
Multan																										
Peshawar					24 10	28 09																				
Quetta					33 06	32 15																				
Rawalpindi																										
Sukkur	23 04	23 04	21 03	23 05	26 07	23 09	35 13	32 27	32 27																	
Jacobabad	35 11	35 11	34 08	33 04	21 05	21 08	25 15	26 23	20 37																	
Jodhpur	23 02	26 03	25 06	32 10	32 04	30 04	32 13	32 21	33 28																	
Delhi	25 02	27 07	28 04	30 04	28 10	26 10	26 17	29 14	35 15																	
Karachi	24 06	24 03	24 02	08 01	06 08	01 07	36 17	36 14	35 15																	
Khanpur	28 07	24 08	24 09	19 08	18 12	09 03	36 13	35 17	34 26																	
Lahore	34 03	32 03	31 03	30 07	29 08	32 08	32 15	32 23	32 27																	
Multan	22 07	22 06	20 04	25 06	28 08	34 12	33 20	31 23	32 33																	
Nawabshah																										
Nagpur																										
Peshawar			05 09	10 07	14 10	20 12	31 06	26 06	31 20				09 04	18 09				14 02	29 03	33 07	31 03	28 04	28 11	30 14	28 21	30 55
Quetta						32 03	29 03	28 11	31 24																	
Sukkur																										
Sylhet	09 03	07 02	10 01	...	...	...	...	...	...							13 01	16 05	16 03	23 02	25 08	29 09	26 11	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...							...	...	...	...	...	...	...	...	...	...	...

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

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

Height (sig. p. kms. a.s.l.) →	0.3	0.6	0.9	1.5	2.1	3.0	4.6	5.4	6.0	7.2	9.0	10.5	12.0	14.2	16.2	18.0	21.0	24.0
STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																			
Dacca	08 07	03 05	03 05	23 07	33 08	24 16	26 17	25 18	24 15	24 18	24 20	25 20	24 22	24 19	24 17	...	...	...	...
Karachi	26 04	08 09	07 06	07 06	04 04	03 14	36 21	33 19	32 19	36 19	33 19	28 19	28 22	25 62	...	...	...	...	...
Peshawar	...	34 08	04 06	04 06	04 04	01 16	31 23	31 32	30 31	31 61	31 61	31 61	31 61	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

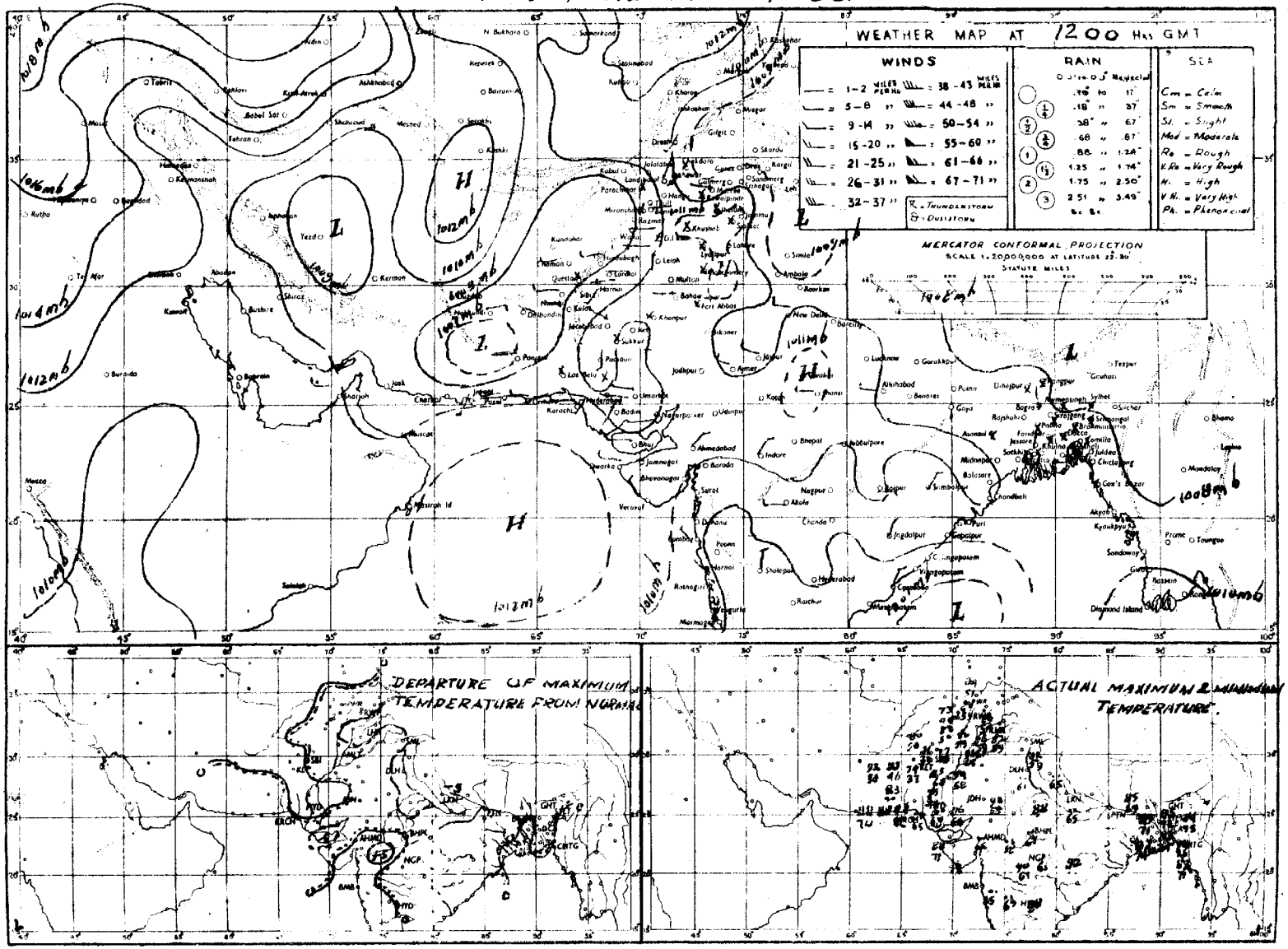
*The first two figures in each column give the wind direction "dd" in nos of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

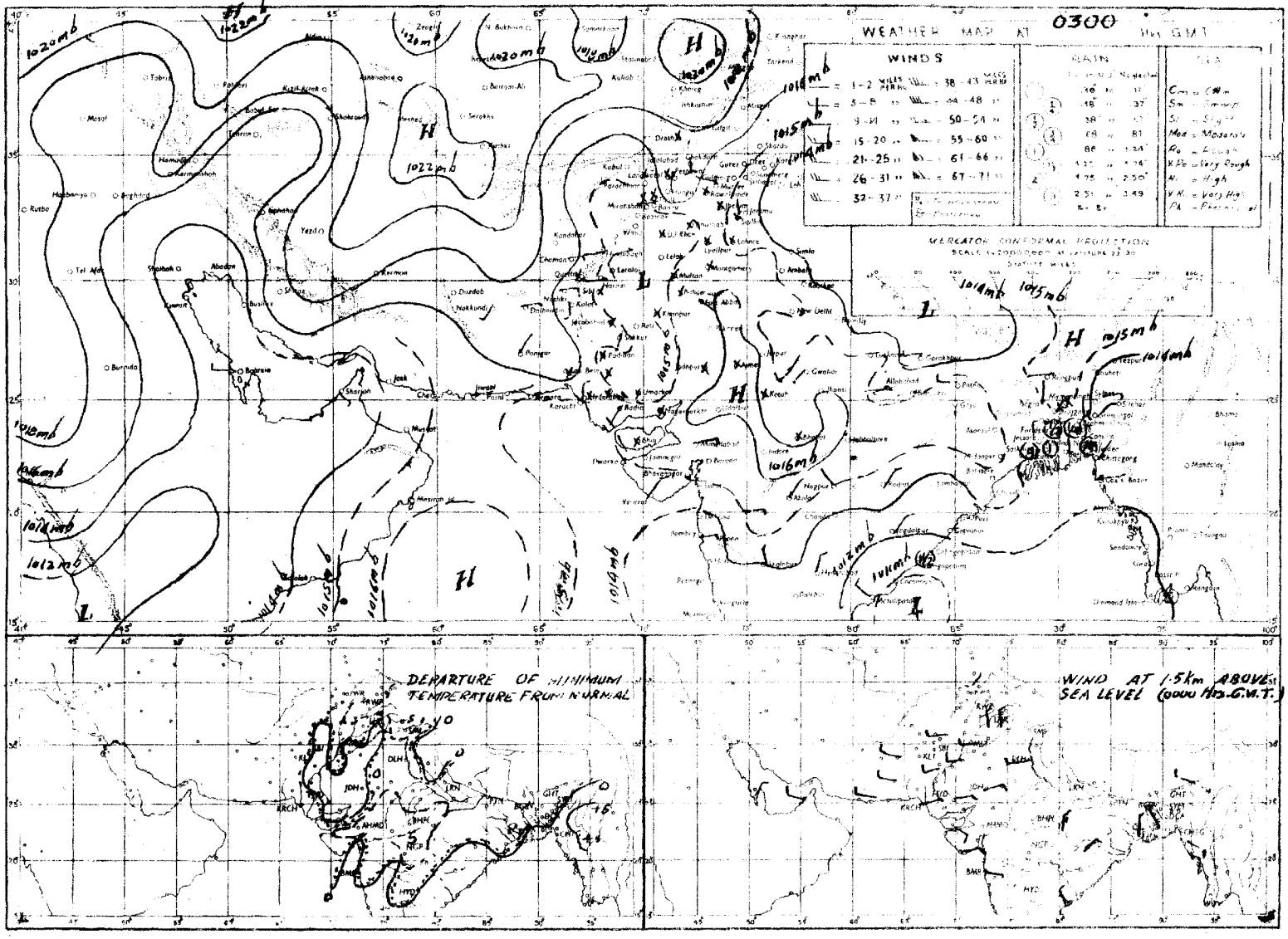
TUESDAY 17th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th OCTOBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 19th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance is moving away across east Russian Turkistan north of Kashmir.
The low off Circars coast has weakened and merged with the seasonal trough of low pressure over the central Bay of Bengal.
Isolated light rain has occured in Chittagong and Rajshahi divisions.
Night temperatures were 2-4°F below normal in Rawalpindi, and Sargodha divisions and were 3–4°F above normal in northern districts of Rajshahi division.
Forecast valid until the evening of 20th October, 1961:—Scattered thunderstorm/showers are likely to occur in Chittagong division. Dry weather will prevail elsewhere over the country.

Karachi-11
The 19th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	00	1	107	86	9	x	0	x	x	76	91
	Cox's Bazar	000	0	3	31	02	xx	0F	1	101	84	3	4	5	3	0	75	89
	Chittagong	000	0	2	13	04	xx	01	1	099	83	1	0	8	[illegible]	2	77	90
	Maijdee Court	000	9	0	27	05	94	00	0	106	81	0	0	9	0	0	71	87
	Comilla	000	0	0	00	00	96	02	0	002	88	0	0	9	0	0	77	89
	Brahmanbaria	000	0	5	36	05	96	03	1	113	79	5	0	9	4	0	72	84
	Sylhet	000	0	7	27	05	96	03	1	108	80	5	8	5	7	0	75	86
	Srimangal	000	5	2	05	02	93	01	1	xxx	79	2	7	4	0	0	78	86
Dacca	Mymensingh	000	0	4	00	00	96	01	0	117	78	4	1	6	0	0	72	82
	Narayanganj	000	9	1	00	00	xx	03	1	114	80	1	5	4	0	0	72	86
	Dacca (Tezgaon)	000	0	2	00	00	97	C1	1	108	77	0	0	9	4	0	70	84
	Faridpur	000	0	2	05	03	95	01	2	110	78	2	4	7	0	0	72	86
Khulna	Barisal	000	0	0	36	01	97	C0	0	107	84	0	0	9	0	0	73	89
	Khulna	000	0	0	00	00	xx	00	0	113	81	0	0	9	0	0	72	86
	Satkhira	000	0	5	00	00	95	03	1	068	xx	4	4	6	3	x	80	85
	Jessore	000	0	2	36	03	96	01	1	108	81	2	4	6	0	0	71	85
Rajshahi	Pabna	000	0	5	00	00	xx	01	2	114	79	5	0	9	6	0	71	81
	Sirajganj	000	0	2	00	00	97	02	1	112	79	2	0	9	4	0	79	82
	Bogra	000	0	2	00	00	96	02	0	109	80	2	0	9	7	0	71	84
	Dinajpur	000	0	0	00	00	95	00	0	077	78	0	0	9	0	0	74	90
	Rangpur	000	0	4	00	00	96	03	0	119	82	1	5	3	7	3	xx	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	129	82	0	0	9	0	0	61	89
	Sialkot	000	0	0	00	00	97	00	0	116	84	0	0	9	0	0	55	87
Rawalpindi	Jhelum	000	0	0	27	03	97	02	0	116	84	0	0	9	0	0	59	90
	Rawalpindi	000	0	0	27	02	98	00	0	123	79	0	0	9	0	0	52	84
	Campbellpur	000	0	0	00	00	98	00	0	110	84	0	0	9	0	0	43	86
Sargodha	Khushab	000	0	0	18	02	99	00	0	124	89	0	0	9	0	0	55	92
	Lyallpur	000	0	0	00	03	96	00	0	109	88	0	0	9	0	0	46	88
Multan	Montgomery	000	0	0	00	00	96	00	0	140	83	0	0	9	0	0	61	92
	Multan	000	0	0	00	00	98	02	0	119	88	0	0	9	0	0	54	93
	Leiah	000	0	0	18	03	97	00	0	109	89	0	0	9	0	0	56	92
Bahawalpur	Khanpur	000	0	0	23	02	96	02	0	123	90	0	0	9	0	0	55	92
	Bahawalpur	000	0	0	27	01	98	00	0	018	92	0	0	9	0	0	66	93
	Fort Abbas	000	0	0	02	02	98	00	0	022	90	0	0	9	0	0	55	98
Peshawar	Chakdara	000	0	0	00	00	98	00	0	098	79	0	0	9	0	0	52	83
	Peshawar	000	0	0	05	02	98	02	0	116	82	0	0	9	0	2	49	86
	Haripur	000	0	0	23	03	97	00	0	116	82	0	0	9	0	0	64	85
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	113	85	0	0	9	0	0	53	86
	D. I. Khan	000	0	0	00	00	98	00	0	113	89	0	0	9	0	0	59	91
Quetta	Sibi	000	0	0	13	03	97	00	0	123	93	0	0	9	0	0	47	95
Kalat	Nokkundi	000	0	0	00	03	98	02	0	088	91	0	0	9	0	0	27	93
	Turbat	000	0	0	18	03	98	00	0	085	95	0	0	9	0	0	38	97
	Jiwani	000	0	0	18	07	97	02	0	133	83	0	0	9	0	0	69	86
	Pasni	000	1	0	20	07	97	00	0	134	84	0	0	9	0	0	71	97
Karachi Division	Ormara	000	7	0	18	03	96	00	4	124	87	0	0	9	0	0	69	91
	Las Bela	000	0	0	00	07	98	00	0	131	95	0	0	9	0	0	73	98
	Karachi (Manora)	000	0	0	25	12	98	02	0	122	85	0	0	9	0	0	78	88
	Karachi (Air Port)	000	0	0	20	07	97	02	0	128	87	0	0	9	0	0	56	93
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	111	89	0	0	9	0	0	48	94
	Umerkot	000	0	0	29	10	98	02	0	110	91	0	0	9	0	0	56	96
	Hyderabad	000	0	0	26	02	97	02	0	128	93	0	0	9	0	0	50	96
	Badin	000	0	0	23	02	97	00	0	130	89	0	0	9	0	0	58	98
Khairpur	Pad-i-dan	000	0	0	18	03	97	02	0	128	91	0	0	9	0	0	39	95
	Nawabshah	000	0	0	18	02	97	02	0	103	91	0	0	9	0	0	51	95
	Sukkur	000	0	0	34	02	97	02	0	102	91	0	0	9	0	0	41	96
	Kashmore	000	0	0	00	00	99	00	0	086	93	0	0	9	0	0	52	92
	Jacobabad	000	0	0	18	03	97	02	0	116	91	0	0	9	0	0	74	94
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	523	59	0	0	9	0	0	42	65
Peshawar	Drosh *	000	4	0	23	05	98	02	3	510	77	0	0	9	0	0	33	84
	Cherat *	000	0	0	34	07	98	00	0	531	69	0	0	9	0	0	49	77
	Kakul *	000	7	1	10	05	98	01	1	529	70	0	0	9	0	1	41	76
	Landi Kotal *	000	0	0	13	03	99	00	0	513	76	0	0	9	0	0	39	81
	Parachinar *	000	0	2	13	01	99	00	0	499	71	2	0	9	2	0	25	74
D.I. Khan	Miranshah *	000	0	0	00	00	97	00	0	536	81	0	0	9	0	0	42	82
	Wana *	000	0	0	00	00	99	00	0	517	75	0	0	9	0	0	32	78
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	529	80	0	0	9	0	0	30	83
	Hindubagh *	000	0	0	25	10	97	00	0	488	76	0	0	9	0	0	37	80
	Loralai *	000	0	0	43	02	99	00	0	500	73	0	0	9	0	0	53	79
	Harnai *	000	0	0	07	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	501	73	0	0	9	0	0	52	75
	Chaman *	000	0	0	31	05	98	00	0	519	79	0	0	9	0	0	09	82
	Nushki *	000	0	0	37	05	98	02	0	541	80	0	0	9	0	0	51	87
	Dalbandin *	000	0	0	23	05	98	02	0	530	87	0	0	9	0	0	22	90
Kalat	Kalat *	000	0	0	27	02	98	00	0	462	70	0	0	9	0	0	45	76
	Panjgur *	000	0	0	18	08	98	02	0	520	80	0	0	9	0	0	30	86
Afghanistan	Kabul *																	
	Kandhar *																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	000	0	5	05	02	98	01	2	148	82	5	7	5	0	0	75	76	—	—	113.1	—	120.4	—
Cox's Bazar	000	3	5	36	02	57	01	4	xxx	xx	4	4	5	1	0	77	76	+ 2	+ 3	161.1	+47.3	174.1	140
Chittagong	000	0	3	36	05	96	01	1	135	82	2	5	6	1	0	75	75	+ 3	+ 2	123.5	+41.8	164.5	108
Maijdee Court	030	9	2	31	05	97	01	0	141	90	2	0	9	6	0	72	79	+ 1	+ 5	85.3	— 4.8	123.5	118
Comilla	0C0	0	2	00	00	97	02	1	127	83	7	5	8	6	0	75	73	+ 1	0	51.7	—16.8	76.0	94
Brahmanbaria	000	0	6	30	02	97	03	1	142	81	3	5	5	7	0	77	75	—		49.4	— 3.1	65.1	78
Sylhet	000	3	7	C9	02	96	02	6	147	78	5	5	5	7	0	73	74	—	—	99.9	—	—	—
Srimangal	000	3	8	35	02	95	02	2	xxx	81	0	0	5	4	0	77	72	— 4	+ 2	35.8	—27.6	49.5	80
Mymensingh	000	0	4	09	02	97	02	1	147	79	4	4	4	0	0	74	74	— 5	0	45.1	—22.6	61.4	84
Narayanganj	0C0	9	7	31	02	96	03	1	144	81	3	5	4	7	0	74	75	— 2	0	58.9	+ 6.9	61.9	74
Dacca (Tezgaon)	000	0	7	31	02	97	02	2	141	80	2	5	6	3	0	74	78	—	—	57.2		80.9	—
Faridpur	000	0	7	34	02	96	02	2	130	81	6	5	0	1	1	74	75	— 1	+ 1	—	—	—	71
Barisal	000	0	0	36	01	97	00	0	139	83	0	0	9	0	0	76	74	+ 2	0	—		—	81
Khulna	000	0	2	36	03	97	01	1	145	84	2	5	7	0	0	74	75	— 1	+ 2	43.7	— 8.2	55.3	[illegible]
Satkhira	000	0	4	00	00	96	02	2	147	83	2	2	8	3	0	73	73	— 4	+ 1	40.1	— 9.5	61.8	[illegible]
Jessore	000	0	6	36	05	97	03	2	146	79	4	0	9	6	2	73	74	— 4	0	44.1	— 2.8	55.1	[illegible]
Pabna	003	3	7	31	05	98	03	6	153	77	7	0	9	5	0	72	74	—	—	36.9	—	41.3	[illegible]
Sirajganj	000	0	7	31	02	98	02	2	147	80	7	0	9	4	0	76	74	+ 5	+ 1	34.8	—13.9	40.1	[illegible]
Bogra	000	0	7	36	03	96	02	2	159	79	3	5	5	2	0	73	74	+ 3	+ 1	43.9	—13.6	51.5	69
Dinajpur	000	0	0	00	00	96	00	0	142	81	0	0	9	0	0	75	76	+ 3	+ 4	34.9	—22.8	51.4	72
Rangpur	000	0	4	02	02	96	01	2	160	78	1	5	6	2	0	74	73	+ 1	+ 2	53.7	—12.6	59.4	84
Jammu																							
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	159	68	0	0	9	0	0	56	59	— 5	+ 1	36.2	+21.6	50.9	19
Sialkot	000	0	0	00	00	97	00	0	155	70	0	0	9	0	0	xx	61	— 5	0	27.4	+39.8	34.7	32
Jhelum	000	0	0	00	00	96	02	0	158	65	0	0	9	0	1	54	56	—	—	22.5	—	34.3	—
Rawalpindi	000	0	3	C0	00	98	10	0	167	63	3	0	9	2	0	53	54	— 5	— 2	38.1	+14.2	51.9	36
Campbellpur	000	C	1	00	00	98	01	2	159	60	0	0	9	1	0	53	53	—	—	10.8		11.8	—
Khushab	000	0	0	00	00	99	00	0	145	68	0	0	9	0	0	51	58	— 2	— 4	7.1	— 3.2	11.1	18
Lyallpur	000	0	0	C0	00	96	00	0	104	67	0	0	9	0	0	59	59	— 5	— 2	10.9	+ 1.6	13.8	13
Montgomery	000	0	0	00	C0	96	02	0	159	69	0	0	9	0	0	49	59	— 4	— 4	4.6	— 2.9	10.1	10
Multan	C00	0	0	00	00	98	02	0	150	73	0	0	9	0	0	61	65	— 1	+ 3	5.5	+ 0.6	7.6	7
Leiah	000	0	0	18	02	97	00	0	111	68	0	0	9	0	0	44	56	—	—	—		—	8
Khanpur	000	0	0	23	02	95	05	0	155	70	0	0	9	0	0	57	58	— 3	— 3	11.1	+ 6.3	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	151	73	0	0	9	0	0	60	63	— 1	+ 2	3.0	— 1.2	4.9	4
Fort Abbas	000	0	0	18	02	98	C0	0	169	73	0	0	9	0	0	45	60	—	—	2.1		2.1	6
Chakdara	000	0	0	00	00	97	00	0	157	60	0	0	9	0	0	47	53	—	—	12.2	—	23.3	—
Peshawar	000	0	1	00	00	98	01	0	162	63	0	0	9	0	1	52	59	— 1	— 1	8.3	+ 3.7	17.3	11
Haripur	000	3	3	23	02	97	01	1	152	67	3	0	9	0	5	53	56	—	—	27.2		28.6	—
Bannu	000	2	7	31	02	99	03	0	156	66	0	0	9	0	7	49	61	—	—	5.5		12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	153	66	0	0	9	0	0	56	59	— 2	— 2	5.1	— 0.5	7.4	9
Sibi	000	0	0	00	00	95	05	4	162	68	0	0	9	0	0	47	63	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	34	03	98	02	0	174	62	0	0	9	0	0	23	51	—	—	0.1	—	1.0	—
Turbat	C00	0	C	23	00	97	00	0	163	76	0	0	9	0	0	65	[illegible]	—	—	4.6	—	11.3	—
Jiwani	000	0	0	09	02	96	02	0	165	76	0	0	9	0	0	60	60	—	—	0.8	—	3.8	5
Pasni	000	2	0	25	00	97	00	0	164	72	0	0	9	0	0	69	xx	+ 5	xx	2.0	+ 1.1	5.4	6
Ormara	000	0	0	00	00	96	00	0	160	75	0	0	9	0	0	75	68	—	—	4.4	+ 3.6	[illegible]	4
Las Bela	000	0	0	00	00	98	00	0	166	74	0	0	9	0	0	50	74	—	—	[illegible]	—	[illegible]	8
Karachi (Manora)	0C0	0	0	02	10	97	02	0	157	73	0	0	9	0	0	63	70	0	— 3	9.7	+ 3.7	[illegible]	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	154	73	0	0	9	0	0	58	66	—	—	21.2	—	14.8	—
Nagarparkar	000	0	0	00	00	97	00	0	139	77	0	0	9	0	0	57	xx	—	—	36.1	—	37.3	—
Umerkot	000	0	0	05	01	97	02	0	152	76	0	0	9	0	0	58	63	—	—	15.0	—	18.8	[illegible]
Hyderabad	000	0	0	00	00	97	02	0	154	73	0	0	9	0	0	40	69	— 2	— 1	12.0	+ 5.7	12.8	[illegible]
Badin	000	0	0	23	02	xx	00	0	157	76	0	0	9	0	0	59	73	+ 2	+ 5	14.0	+ 6.8	14.0	[illegible]
Pad-i-dan	000	0	0	00	00	97	02	0	148	69	0	3	9	0	0	56	60	—	—	9.6	—	11.7	—
Nawabshah	000	0	0	00	00	97	02	0	160	75	0	0	9	0	0	52	61	—	—	0.6	—	8.3	—
Sukkur	000	0	0	00	00	95	02	0	154	72	0	0	9	0	0	61	70	—	—	1.1	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	089	70	0	0	9	0	0	70	60	—	—	1.7	—	1.7	4
Jacobabad	000	0	0	13	03	96	02	0	155	77	0	0	9	0	0	60	67	— 3	+ 3	6.6	+ 4.1	8.3	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *																							20
Gulmarg **																							—
Sonamarg **																							73
Dras **																							20
Leh **																							8
Skardu *																							6
Misgar **																							—
Allabad *																							—
Gilgit *																							5
Murree *	000	2	3	27	02	98	01	1	541	51	0	0	9	0	4	34	47	0	— 2	47.3	+10.5	67.8	80
Drosh *	000	0	0	00	00	98	02	0	554	55	0	0	9	0	0	32	53	+ 0	+ 1	4.5	—	21.5	[illegible]
Cherat *	000	0	0	34	07	98	00	1	498	62	0	0	9	0	0	44	54	+ 1	— 3	15.3	+ 3.0	33.4	[illegible]
Kakul *	000	3	1	10	02	99	01	0	538	61	0	0	9	0	1	43	56	—	—	32.7	—	35.0	—
Landi Kotal *	000	0	0	00	00	98	00	0	525	61	0	0	9	0	0	46	50	—	—	4.1	—	13.8	—
Parachinar *	000	0	0	00	00	99	00	0	556	51	0	0	9	0	0	33	47	0	— 1	18.1	—	28.7	28
Miranshah *	000	0	0	00	00	99	00	0	522	60	0	0	9	0	0	40	56	—	—	3.1	—	7.7	13
Wana *	000	0	0	00	00	99	00	0	505	53	0	0	9	0	0	34	44	—	—	3.0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	99	72	0	553	58	0	0	9	0	0	18	53	+ 1	+ 4	5.1	+ 4.1	11.2	11
Hindubagh *	000	0	0	27	03	97	00	0	537	52	0	0	9	0	0	23	35	—	—	0.7	—	5.5	—
Loralai *	000	0	0	29	03	99	00	0	323	57	0	0	9	0	0	35	30	—	—	2.7	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	×	—	21.1	+13.5	34.7	14
Quetta *	000	0	0	00	00	96	00	0	535	54	0	0	9	0	0	05	35	—	—	1.6	+ 0.5	6.2	9
Chaman *	000	0	0	09	05	98	00	0	322	66	0	0	9	0	0	11	54	+ 3	+ 2	0.7	+ 0.4	6.3	8
Nushki *	000	0	0	05	19	98	02	0	358	70	0	0	9	0	0	27	39	—	—	1.1	—	3.8	—
Dalbandin *	000	0	0	05	C3	98	02	0	523	55	0	0	9	0	0	16	46	+ 3	— 3	1.3	+ 1.0	2.7	4
Kalat *	000	0	0	18	03	98	00	0	325	50	0	0	9	0	0	15	37	+ 2	— 2	1.2	— 0.1	13.8	7
Panjgur *	000	0	0	05	05	98	02	0	xxx	xx	0	0	9	0	0	29	55	0	+ 1	3.0	—	5.0	6
Kabul *																							18
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 1200 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 000 is given as RRR see the summary above for the occurrence of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aI_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	OT,T.T_dT_d	$Id_ed_eP_eH_e$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alfred Fridessinet	43 284	57 400	0 13 08	98 0 20	15 088	00 9 00	76 2 10	...	05 1 76	11 3 x1
Tokei marid	43 197	66 630	1 04 66	99 0 20	13 981	11 5 00	11 5 00	...	10 0 93	10 4 22
Express	43 193	59 506	0 09 05	98 0 20	16 684	00 0 00	16 1 17	...	00 4 67	10 9 x0
Reyadhmaru	43 207	64 506	0 00 08	98 8 20	16 579	00 9 00	56 2 85	...	00 2 xx	10 0 x0
Tokrmaru	43 194	65 506	0 04 06	99 0 20	17 181	00 9 00	74 2 06	...	05 3 72	10 9 21
Bambale	43 239	65 506	0 00 00	99 0 20	16 980	00 9 03	16 1 15	...	05 4 71	20 6 x0
Caltex the Hague	43 219	62 136	0 20 10	98 0 20	15 582	00 9 03	00 0 20	...	12 0 70	12 2 21
Caltex the Hague	43 207	63 242	0 04 02	98 0 20	12 982	00 9 00	05 4 20	...	10 4 69	13 2 21
Tokarmaru	43 201	64 812	1 02 05	99 0 30	13 681	11 5 00	74 6 14	...	15 4 70	10 2 21
Adiramn	43 197	66 012	1 36 05	98 0 20	13 582	11 5 00	56 4 00	...	00 0 xx	13 6 20
Tokeimaru	43 208	63 818	0 02 12	99 0 20	14 681	00 9 00	74 4 00	...	05 4 69	10 2 21
Alfred Fraissinet	43 264	54 418	0 27 12	98 0 20	16 286	00 9 00	66 2 10	...	00 4 67	12 7 x1
Caltex Amsterdam	43 193	58 448	0 08 02	98 0 20	17 079	00 9 00	00 1 20	...	11 8 69	11 7 60
Nederkamp	43 103	59 018	3 04 06	98 0 20	13 481	33 4 00	66 2 04	...	05 3 74	10 6 20
Caltex the Hague	43 201	64 448	0 04 05	98 0 20	14 481	00 9 00	00 0 19	...	10 4 70	13 2 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTdTdTd	900 mb HHHTTTdTdTd	850 mb HHHTTTdTdTd	800 mb HHHTTTdTdTd	700 mb HHHTTTdTdTd	600 mb HHHTTTdTdTd	500 mb HHHTTTdTdTd	400 mb HHHTTTdTdTd	300 mb HHHTTT	200 mb HHHTTT	150 mb HHHTTT	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Jiggra														
Chittagong	00 00	011 240 222	...	...	350 162 102	...	313 065 008	...	...	...	...	...	...	...
Dacca														
Rawalpindi														
Karachi	00 00	011 232 202	118 225 125	...	148 158 085	...	314 110 990	441 045 992	586 580 990	756 682 998	963 855	235 030	419 132	669 228
Lahore	00 00	990 205 156	...	...	149 162 042	...	310 062 028	434 522 995	...	...	...	...	...	...
Multan														
Peshawar	00 00	973 165 072	...	...	153 182 035	...	315 098 578	410 018 698	585 578 995	754 658 995	967 368	...	...	...
Quetta	00 00	036 072 545	...	...	...	...	317 070 998	430 835 995	584 535 992	762 635 995	974 802	256 015	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Jiggra													
Chittagong													
Dacca	00 00	900 195 115	800 122 072	672 050 060	...	...	...	...	...	...	672 050 069	...	...
Rawalpindi													
Karachi	00 00	903 185 055	800 162 535	...	...	...	...	...	...	...	800 140 535	...	...
Lahore	00 00	900 205 098	800 128 052	...	...	...	...	...	...	...	800 128 052	...	...
Multan													
Peshawar	00 00	908 188 068	866 185 042	800 152 508	...	...	...	...	...	...	800 152 508	...	...
Quetta	00 00	900 135 995	551 000 900	...	...	...	...	...	...	...	558 000 908	...	...

PPP—Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in/Kms. asl. →	At 1200 hrs, G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs, G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Karachi	17 06	13 07	06 06	03 11	05 12	03 11	03 15	01 12	01 12	27 08	26 13	26 18	23 20	25 21	...	28 07	27 12	26 12	23 12	17 04	23 02	29 18	29 21	...	...	...
Lahore	36 04	36 03	34 03	31 04	29 10	34 12	29 06	29 18	29 18	29 04	29 05	30 07	33 07	33 07	34 07	34 01	33 04	25 04	35 04	29 06	35 10	36 12	37 15	28 12	27 30	29 51
Multan	20 06	20 07	22 06	23 08	26 07	29 06	30 15	31 27	31 31	24 11	23 17	22 17	23 25	...	...	19 08	20 11	20 15	22 10	21 05	30 03	28 22	28 29	29 27	...	...
Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mianwali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum	...	...	...	27 04	10 01	07 06	32 12	31 09	32 05	...	...	34 02	01 19	01 09	...	...	...	...	35 04	03 14	20 10	28 11	33 06	27 06	23 08	...
Peshawar	...	09 07	12 03	13 01	24 07	29 18	28 13	29 23	28 25	...	05 02	31 01	28 02	26 07	31 13	...	06 04	12 03	16 01	25 02	31 06	31 17	33 19	32 15	...	...
Quetta	...	...	...	...	29 03	26 05	32 10	29 17	27 18	...	...	...	...	30 04	30 07	...	...	...	...	01 03	36 13	34 25	33 40	33 44	03 58	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	29 06	29 07	30 05	26 03	24 04	...	...	...	...	...	...	...	...	...	...	08 05	07 07	02 05	31 05	30 00	25 05	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	34 09	34 12	32 08	28 12	25 01	22 01	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	05 08	18 04	12 05	07 28	05 15	05 18	05 08	06 08	05 08	05 08	10 02	20 28	29 10	36 28	26 38	25 15	27 14	...
Peshawar	...	04 09	34 12	31 04	35 17	34 30	38 34	29 39	44	38 87	30 84	30 84	80 38	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

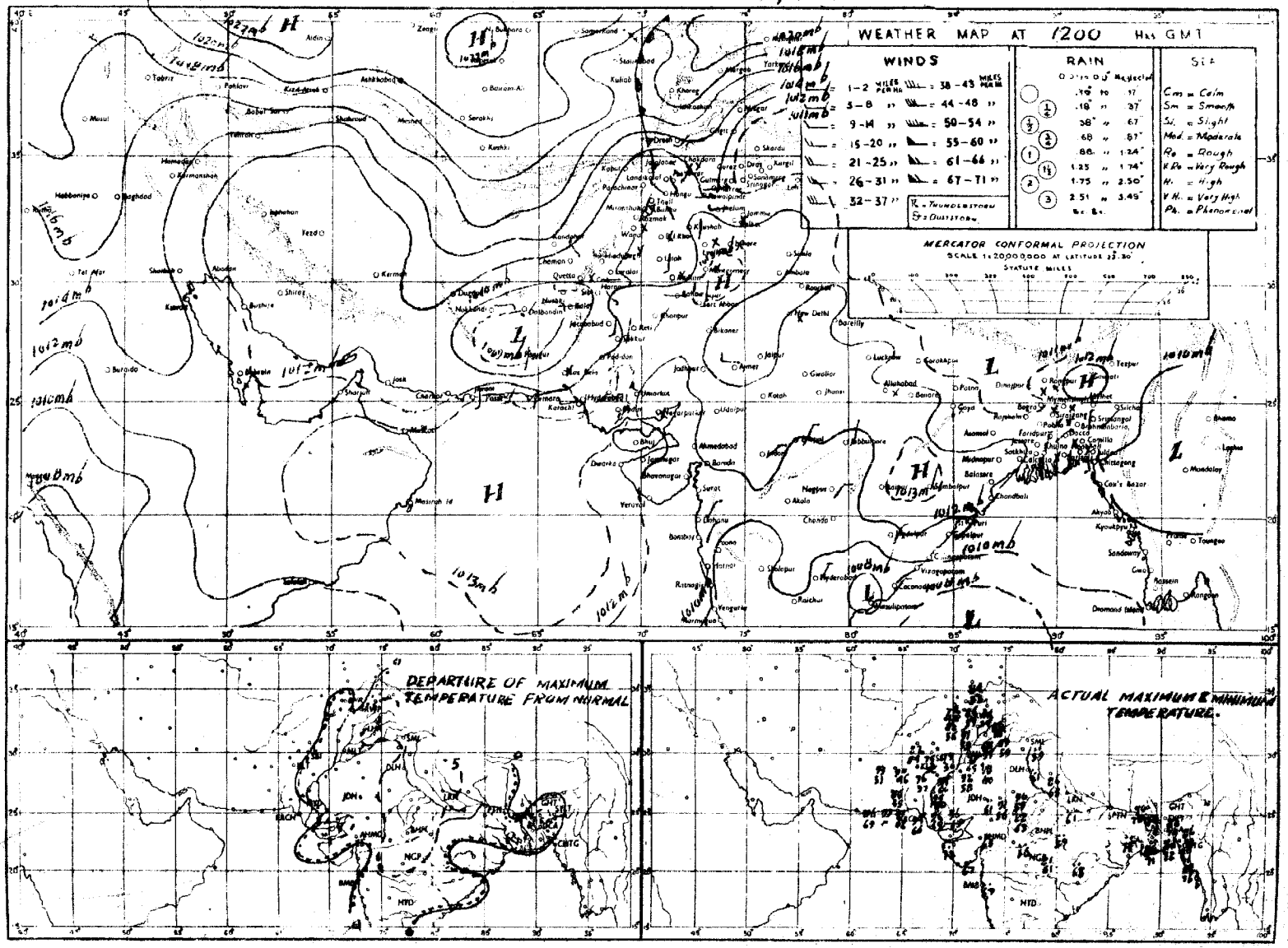
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

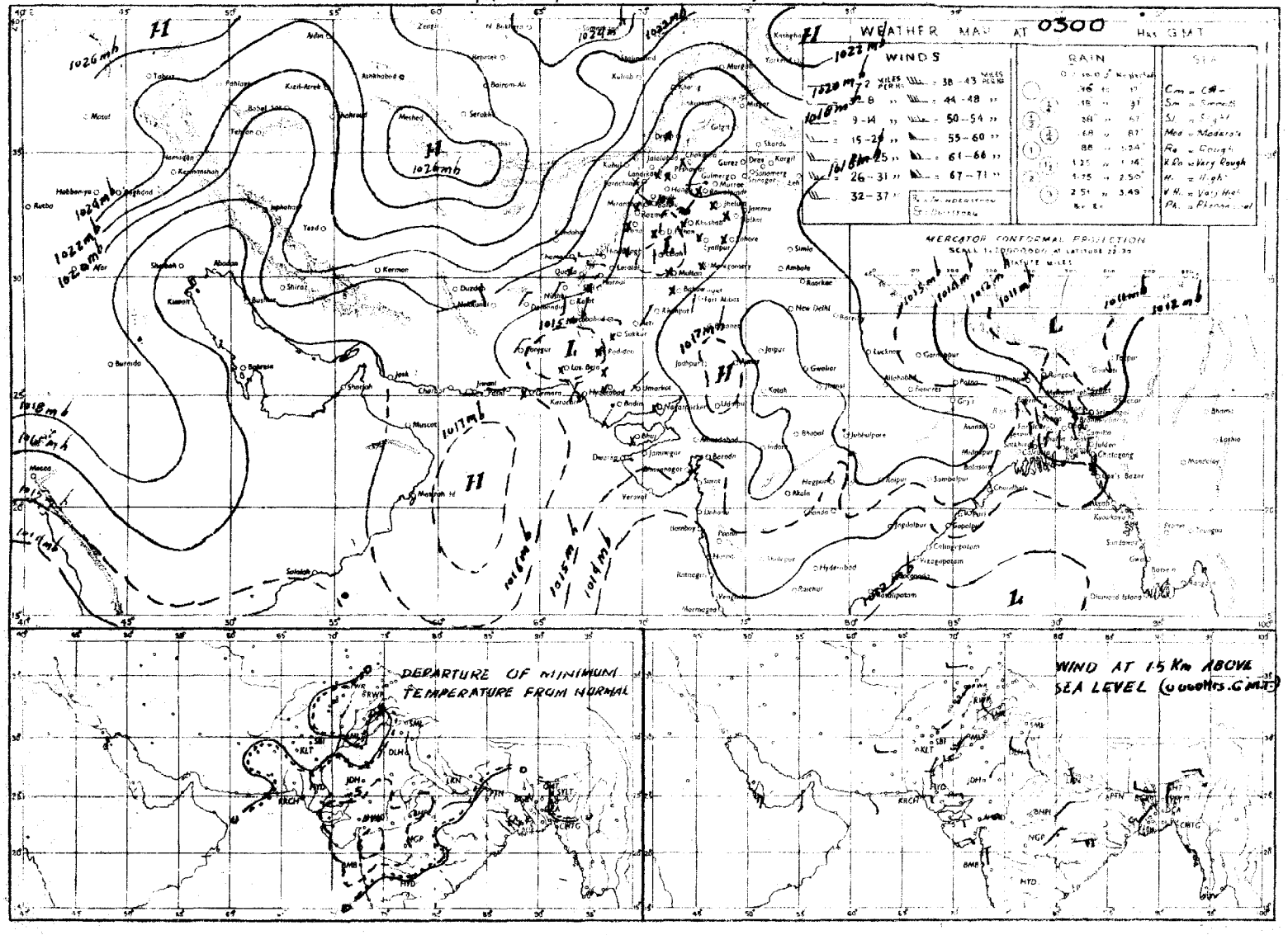
WEDNESDAY 18th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 20th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Dry continental air prevails over the country.

Weather remained dry over the country except for isolated light rain in Chittagong division.

Night temperatures were practically normal over the country.

Forecast valid until the evening of 21st October, 1961:—Weather will be dry over the country.

Karachi,
The 20th October, 1961.

ZARIF AHMED.
for Director, Meteorological Service.

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	xx	xx	xx	00	1	112	84	9	9	0	x	x	76	90
	Cox's Bazar ...	000	0	5	00	00	xx	01	2	099	82	2	3	5	3	0	76	87
	~~Chittagong~~ ...	000	0	6	00	00	xx	02	2	104	83	2	6	6	6	2	77	89
	Maijdee Court ...	000	9	4	27	02	xx	30	0	103	83	2	0	9	3	1	75	87
	Comilla ...	000	0	2	00	00	96	02	1	099	84	2	5	8	0	0	76	89
	Brahmanbaria ...	000	0	2	36	02	97	01	1	103	83	2	0	9	2	0	77	87
	Sylhet ...	002	5	5	00	00	xx	01	6	087	79	2	8	6	8	0	76	84
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	4	27	02	97	01	1	109	83	4	4	4	0	0	74	87
	Narayanganj ...	000	9	6	00	00	xx	03	1	101	83	2	5	5	3	0	74	89
	Dacca (Tejgaon) ...	000	0	5	00	00	xx	01	2	105	83	1	2	4	6	0	77	88
	Faridpur ...	000	0	3	34	02	96	02	2	103	84	3	4	7	0	0	72	85
Khulna	Barisal ...	000	0	5	00	00	97	02	0	103	84	5	0	9	8	0	83	88
	Khulna ...	000	0	5	00	00	xx	01	2	106	83	5	5	6	0	0	63	87
	Satkhira ...	000	0	6	00	00	96	03	1	110	84	4	4	7	3	0	74	87
	Jessore ...	000	0	6	36	03	96	02	2	118	82	4	4	6	6	0	73	86
Rajshahi	Pabna ...	000	0	4	31	05	xx	01	2	106	81	4	5	7	0	0	72	85
	Sirajganj ...	000	0	6	00	00	96	02	1	104	82	4	0	9	4	0	76	89
	Bogra ...	000	0	6	00	00	96	02	2	108	83	3	5	5	3	0	75	86
	Dinajpur ...	002	0	0	00	00	95	00	0	111	83	0	0	9	0	0	71	90
	Rangpur ...	000	0	1	00	00	96	01	1	113	81	1	0	9	1	0	74	86
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	96	x2	0	137	83	1	0	9	1	4	60	89
	~~Sialkot~~ ...	000	0	0	00	00	97	00	0	122	84	0	0	9	0	0	59	87
Rawalpindi	Jhelum ...	000	0	1	00	00	97	02	0	123	82	0	0	9	0	1	61	89
	Rawalpindi ...	000	0	0	00	00	98	00	0	125	80	0	0	9	0	0	59	87
	Campbellpur ...	000	0	0	00	00	98	00	0	114	85	0	0	9	0	0	44	90
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur ...	000	0	0	00	00	96	00	0	121	90	0	0	9	0	0	44	98
Multan	Montgomery ...	000	0	0	00	00	96	00	0	123	89	0	0	9	0	0	59	93
	Multan ...	000	0	0	00	00	98	02	0	114	87	0	0	9	0	0	55	93
	Leiah ...	000	0	0	09	02	97	00	0	116	89	0	0	9	0	0	45	93
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	118	88	0	0	9	0	0	57	92
	Bahawalpur ...	000	0	0	20	00	98	00	0	114	92	0	0	9	0	0	69	94
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara ...	000	0	0	00	00	98	00	0	118	76	0	0	9	0	0	50	82
	Peshawar ...	000	0	0	07	00	97	02	0	120	80	0	0	9	0	0	53	83
	Haripur ...	000	0	0	29	02	97	00	0	120	82	0	0	9	0	0	68	85
D. I. Khan	~~Bannu~~ ...	000	0	0	00	00	99	00	0	111	86	0	0	9	0	0	53	87
	D. I. Khan ...	000	0	0	00	00	00	00	0	109	90	0	0	9	0	0	60	91
Quetta	Sibi ...	000	6	0	00	00	97	00	0	115	95	0	0	9	0	0	46	97
Kalat	Nokkundi ...	000	0	0	34	00	98	02	0	105	92	0	0	9	0	0	25	93
	Turbat ...	000	0	0	27	03	98	00	0	122	95	0	0	9	0	0	53	98
	Jiwani ...	000	0	0	20	07	97	02	0	140	83	0	0	9	0	0	66	86
	Pasni ...	000	0	0	20	10	97	00	0	133	85	0	0	9	0	0	63	90
Karachi Division	Ormara ...	000	0	0	27	04	96	00	0	124	84	0	0	9	0	c	71	89
	Las Bela ...	000	0	0	00	00	98	00	0	112	96	0	0	9	0	0	72	98
	Karachi (Manora) ...	000	0	0	31	10	98	02	0	124	84	0	0	9	0	0	73	87
	Karachi (Air Port) ...	000	0	0	23	05	96	02	0	126	89	0	0	9	0	0	45	93
Hyderabad	Nagarparkar ...	000	0	0	00	00	97	00	0	117	88	0	0	9	0	0	52	95
	Umarkot ...	000	0	0	00	00	98	02	0	115	91	0	0	9	0	0	57	95
	Hyderabad ...	000	0	0	20	02	97	02	0	121	93	0	0	9	0	0	44	98
	Badin ...	000	0	0	23	02	97	00	0	120	93	0	0	9	0	0	55	00
Khairpur	Pad-i-dan ...	000	0	0	23	03	97	02	0	112	93	0	0	9	0	0	42	96
	Nawabshah ...	000	0	0	00	00	97	02	0	124	93	0	7	9	0	0	47	96
	Sukkur ...	000	0	0	20	02	97	02	0	118	93	0	0	9	0	0	61	97
	[illegible] ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	[illegible] ...	000	0	1	33	03	97	02	0	121	91	0	0	9	0	0	49	94
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar ** ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh * ...	000	0	0	33	03	98	12	0	508	78	0	0	9	0	0	29	86
	Cherat * ...	000	0	0	05	07	98	00	0	510	70	0	0	9	0	0	53	76
	Kakul * ...	000	0	0	20	03	98	02	0	571	71	0	0	9	0	0	38	76
	Landi Kotal * ...	000	0	0	13	03	98	00	0	513	75	0	0	9	0	0	59	80
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	~~Miranshah~~ * ...	000	0	0	00	00	99	00	0	526	80	0	0	9	0	0	43	83
	Wana * ...	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	0	0	39	80
Quetta	Fort Sandeman * ...	000	0	1	13	01	99	01	0	526	81	1	0	9	0	4	17	83
	Hindubagh * ...	000	0	0	27	07	97	00	0	491	79	0	0	9	0	0	44	81
	Loralai * ...	000	0	4	11	03	99	00	1	351	74	0	0	9	1	2	54	81
	~~Harnai~~ * ...	000	0	0	00	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	00	00	98	00	0	507	75	0	0	9	0	0	51	77
	Chaman * ...	000	0	0	27	07	98	00	0	512	81	0	0	9	0	0	10	82
	Nushki * ...	000	0	0	27	05	98	02	0	563	87	0	0	9	0	0	49	89
	Dalbandin * ...	000	0	0	02	09	98	02	0	546	89	0	0	9	0	0	21	91
Kalat	Kalat * ...	000	0	0	34	03	98	00	0	489	70	0	0	9	0	0	41	76
	Panjgur * ...	000	0	0	31	02	98	02	0	533	87	0	0	9	0	0	38	88
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	000	0	6	36	02	98	03	2	125	81	5	7	5	0	4	77	77	—	—	113.1	—	120.4	—
Cox's Bazar	000	0	4	36	02	57	02	1	113	84	2	4	5	3	0	77	76	0	+3	161.1	+47.2	174.1	140
~~Chittagong~~	000	0	5	00	00	98	02	2	114	84	5	6	5	0	0	77	76	+2	+3	123.5	+41.7	164.5	108
Maijdee Court	000	9	4	36	05	97	03	0	119	82	2	2	7	3	0	78	76	+1	+2	65.3	−5.0	123.5	115
Comilla																		+1					94
Brahmanbaria	000	0	8	09	05	97	03	1	107	81	8	5	5	x	x	76	79	+		49.6	−3.3	65.1	78
Sylhet	002	0	1	13	05	97	01	0	115	82	1	2	6	7	0	73	72	—	—	140.0	—	—	—
Srimangal	000	0	0	00	00	96	10	...	xxx	85	0	0	9	0	0	76	70		0	85.8	−27.9	49.5	98
Mymensingh	000	0	0	27	02	97	00	0	125	80	0	0	9	0	0	78	74	0	0	45.1	−32.8	65.4	91
Narayanganj	000	0	6	36	01	98	02	1	126	79	0	0	9	0	0	69	73	+1	−2	58.9	+6.1	61.9	74
Dacca (Tejgaon)	000	0	1	36	03	97	02	0	120	80	0	0	9	0	1	73	78	+	—	57.2	—	80.9	—
Faridpur	000	0	0	34	02	96	00	0	128	74	0	0	9	0	0	71	73	−2	−1	—	—	—	71
Barisal	000	0	0	36	01	97	00	0	124	80	0	0	9	0	0	73	75	+1	+1	—	—	—	81
Khulna	000	0	0	05	05	97	00	0	123	81	0	0	9	0	0	70	74	0	+1	43.7	−8.3	55.3	68
Satkhira	000	0	0	00	00	97	00	1	128	80	0	0	9	0	0	68	71	−2	−1	40.2	−9.6	61.8	65
Jessore	000	0	0	31	03	97	00	0	126	78	0	0	9	0	0	71	71	−3	1	44.1	−2.9	[illegible]	68
Pabna	000	0	0	36	09	98	02	1	126	79	0	0	9	0	0	69	73	—	—	36.9	—	41.3	[illegible]
Sirajganj	000	0	0	31	02	99	00	0	123	81	0	0	9	0	0	72	71	+2	2	34.8	−14.9	48.1	[illegible]
Bogra	000	0	0	36	02	97	02	0	125	81	0	0	9	0	0	72	72	1		48.9	−10.7	51.5	[illegible]
Dinajpur	000	0	0	00	00	96	00	0	130	79	0	0	9	0	0	72	69	+3	−3	36.9	−22.9	51.4	[illegible]
Rangpur	000	0	3	36	02	96	03	0	141	79	3	0	9	2	0	73	71	−1		52.7	−12.7	50.8	[illegible]
Jammu																							
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	137	68	0	0	0	0	0	50	60	−3	+2	30.2	+24.0	[illegible]	40
Sialkot	000	0	0	00	00	97	00	0	133	72	0	0	9	0	0	57	61	−5		27.6	+3.9	34.7	32
Jhelum	000	0	0	00	00	96	02	0	133	66	0	0	9	0	0	57	56	—		21.5	—	—	—
Rawalpindi	000	0	0	00	00	98	10	0	144	63	0	0	9	0	0	53	55	−2	−1	38.1	+14.2	51.9	36
Campbellpur	000	0	0	00	00	98	00	0	151	62	0	0	9	0	0	53	53	—		10.0	—	11.0	—
Khushab	000	0	0	00	08	99	00	0	143	72	0	0	9	0	0	59	61	—	−1	2.1	−3.2	11.1	15
Lyallpur	000	0	0	00	00	96	00	0	132	69	0	0	9	0	0	51	59	−3	−2	10.9	+1.6	13.9	12
Montgomery	000	0	0	09	02	96	02	0	136	71	0	3	9	0	0	52	59	−3	+9	4.6	−2.9	10.1	10
Multan	000	0	2	09	02	98	02	0	131	71	0	0	9	0	1	55	64	−1	+2	8.5	+0.7	[illegible]	
Leiah	000	0	4	14	02	97	0	0	121	66	0	0	9	0	0	47	65			—		—	
Khanpur	000	0	0	00	00	96	02	0	131	70	0	0	9	0	0	56	57	−3	4	16.1	+6.3	12.6	
Bahawalpur	000	0	0	18	00	98	00	0	138	82	0	0	9	0	0	65	80	0	−1	3.0	−1.2	4.9	
Fort Abbas	000	0	0	18	02	98	00	0	136	72	0	0	9	0	0	45	61			3.1	—	3.1	
Chakdara	000	0	0	00	00	87	00	0	145	60	0	0	9	0	0	47	43	—		12.2	—	25.3	
Peshawar	000	0	0	00	00	97	02	0	142	65	0	0	9	0	0	52	53	−4	10	8.3	+3.7	17.3	
Haripur	000	0	0	23	02	97	00	0	134	68	0	0	9	0	0	52	57	—	—	27.2	—	28.6	—
Bannu	000	0	0	31	02	99	0	0	135	66	0	0	9	0	0	49	60	—	—	5.6	—	12.9	11
D. I. Khan	000	0	0	00	00	98	00	0	136	65	0	0	9	0	0	55	59	−2	−2	5.1	−0.5	7.4	9
Sibi	000	1	0	00	00	94	05	4	145	65	0	0	9	0	0	48	62	—	—	3.5	—	5.6	5
Nokkundi	000	0	0	34	03	98	02	0	156	64	0	0	9	0	0	27	59	—	—	0.1	—	1.0	2
Turbat	000	0	0	13	00	97	00	0	131	74	0	0	9	0	0	53	xx	—	—	4.6	—	11.3	—
Jiwani	000	0	0	00	00	96	02	0	148	75	0	0	9	0	0	69	70	—		0.3	—	3.8	5
Pasni	000	0	0	29	02	97	00	0	145	70	0	0	9	0	0	65	xx	−2	xx	2.0	+1.1	5.4	6
Ormara	000	0	0	00	00	96	00	0	141	73	0	0	9	0	0	68	71	—	—	4.4	+3.6	9.9	6
Las Bela	000	0	0	00	00	98	00	0	138	72	0	0	9	0	0	52	61			0		0	8
Karachi (Manora)	000	0	0	31	05	97	02	0	137	74	0	0	9	0	0	48	72	+1	−1	9.7	+3.7	9.8	8
Karachi (Air Port)	000	0	0	00	00	96	02	0	144	72	0	0	9	0	0	64	67			21.2	—	24.6	—
Nagarparkar	000	0	0	00	00	97	00	0	145	71	0	0	9	0	0	57	xx	—	—	26.1	+	27.3	—
Umarkot	000	0	0	00	00	97	02	0	148	73	0	0	9	0	0	58	63	—	—	15.9	+	18.0	—
Hyderabad	000	0	0	00	00	95	05	0	128	73	0	0	9	0	0	57	68	0	−2	12.0	+5.6	12.9	[illegible]
Badin	000	0	0	23	02	97	06	0	149	72	0	0	9	0	0	67	69	+5	+1	14.0	+6.8	14.0	
Pad-i-dan	000	0	0	05	06	97	02	0	134	68	0	0	9	0	0	53	58	—	—	7.6	+	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	138	70	0	0	9	0	0	56	60	—	—	0.6	+	8.3	—
Sukkur	000	0	0	00	00	95	02	0	135	78	0	0	9	0	0	64	69	—	—	1.1	+	2.2	
[illegible]	000	0	0	00	00	99	00	0	xxx	73	0	0	9	C	0	56	61	—	—	1.7	+	1.7	
[illegible]	000	0	0	13	08	97	08	0	137	73	0	0	9	0	0	61	68	−3	+1	6.6	+4.3	8.3	
Veraval																							
Jalalabad																							
Muscat																							
Kuwait																							
Srinagar																							
Gulmarg																							
Sonamarg																							71
Dras																							24
Leh																							
Skardu																							
Misgar																							
Aliabad																							
Gilgit																							
Murree	000	0	0	05	02	97	00	0	527	54	0	0	9	0	0	23	47		+3	47.3	+10.5	67.8	[illegible]
Drosh	000	0	4	00	00	98	03	0	551	55	0	0	9	0	1	27	54	+10	+2	4.5	—	21.5	18
Cherat	000	0	0	34	03	98	00	0	507	61	0	0	9	0	0	46	54	0	−3	15.3	+3.0	33.4	20
Kakul	000	0	0	34	02	99	00	0	523	60	0	0	9	0	0	41	54	—	—	32.7	—	35.0	—
Landi Kotal	000	0	0	00	00	97	00	0	514	60	0	0	9	0	0	49	51	—	—	4.1	—	12.8	—
Parachinar	000	0	0	00	00	99	00	0	513	50	0	0	9	0	0	34	47		—	18.1	—	20.7	29
Miranshah	000	0	0	00	00	99	00	0	494	61	0	0	9	0	0	38	55	—	−1	2.1	—	2.2	48
Wana	000	0	0	00	00	99	00	0	509	57	0	0	9	0	0	29	44	—	—	3.0	—	11.3	11
Fort Sandeman	000	0	1	00	00	99	03	0	537	61	1	0	9	0	4	29	53	+1	+4	5.1	+0.1	11.2	11
Hindubagh	000	0	0	27	03	97	00	0	528	60	0	0	9	0	0	39	39	—	—	0.7	—	5.6	—
Loralai	000	0	0	00	00	99	00	0	344	60	0	0	9	0	0	40	30	—	—	2.7	—	5.6	9
Harnai	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
Quetta	000	0	0	00	00	96	00	0	528	56	0	0	9	0	0	14	39	—	—	1.6	+0.5	6.3	10
Chaman	000	0	0	13	03	98	00	0	537	67	0	0	9	0	0	15	55	+3	+3	0.7	+0.4	6.3	8
Nushki	000	0	0	00	00	98	02	0	546	68	0	0	9	0	0	35	xx	—	—	1.1	—	3.8	—
Dalbandin	000	0	0	12	02	98	02	0	516	57	0	0	9	0	0	23	40	+4	−1	1.3	+1.0	2.7	4
Kalat	000	0	0	18	03	98	00	0	523	53	0	0	9	0	0	05	37	+2	−2	1.2	−0.1	12.9	7
Panjgur	000	0	0	05	02	98	02	0	517	58	0	0	9	0	0	12	43	+2	−1	2.0	—	5.0	5
Kabul																							
Kandhar																							12

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 20th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	53 177	68 900	0 36 08	98 0 20	12 581	00 9 00	56 4 00	...	00 2 xx	13 6 21
Tokaimaru	53 214	63 130	1 03 06	99 0 20	15 179	11 5 00	74 4 00	...	05 1 67	10 3 21
Chakdala	53 210	70 000	0 39 02	98 0 20	13 578	00 9 00	75 3 04	...	05 4 72	10 0 00
Safogo	53 183	57 106	6 00 00	98 0 31	13 879	61 7 00	15 2 06	...	05 2 77	10 0 xx
Express	53 233	65 006	0 04 05	98 0 20	17 [illegible]	00 0 00	16 1 10	...	00 3 72	10 4 [illegible]
Serenra	53 192	67 306	1 04 09	98 0 20	16 682	11 4 00	76 1 15	...	00 0 63	10 4 21
Tokomaru	53 226	61 312	1 03 06	99 0 20	15 001	11 5 00	74 7 02	...	05 6 70	13 3 21
Serenae	53 205	62 112	2 04 07	98 0 20	13 401	21 4 00	76 0 05	...	00 1 02	10 4 21
Chakrala	53 228	60 112	0 36 04	98 0 20	13 203	00 9 00	74 x xx	...	00 0 66	13 5 20
Chakrata	53 237	67 218	0 25 08	98 0 20	15 002	00 9 00	72 3 02	...	00 0 65	13 8 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels — HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Badin ...														
Chittagong ...														
Dacca ...	00 00	009 245 218	...	...	140 175 085	...	312 098 005	438 010 990	...	...	—	—	...	...
Hyderabad ...														
Karachi ...	00 00	010 218 178	112 258 215	...	130 205 040	...	317 095 992	443 015 992	587 302 995	786 705 992	963 835	209 872	425 080	671 230
Lahore ...	00 00	988 225 142	...	...	150 198 112	...	319 122 078	445 005 995	588 600 995	735 740 990	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 165 002	...	...	150 175 085	...	313 075 535	439 005 548	582 600 990	750 730 990	954 850	...	...	...
Quetta ...	00 00	835 108 535	...	...	...	...	316 068 995	441 040 990	588 520 990	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Badin ...													
Chittagong ...													
Dacca ...	00 00	993 810 000	800 155 052	...	...	...	...	...		...	670 155 052	...	...
Hyderabad ...													
Karachi ...	00 00	900 232 088		...	...	...	...	...	...	...	900 255 080	...	...
Lahore ...	00 00	900 210 115	800 162 102	...	...	...	...	...	...	...	800 162 102	...	...
Multan ...													
Peshawar ...	00 00	900 208 000	800 155 002	350 790 990	283 002 995	...	...	...	...	...	[illegible]	...	...
Quetta ...	00 00	800 100 012	319 800 990	...	...	...	...	...	...	...	519 [illegible] 990	...	...

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16; At 0600 hrs. G.M.T. † of date (dd ff) — columns 17–27.

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Badin ...	32 07	33 08	33 07	33 05	26 04					35 19	35 14	36 10	27 04			36 13	35 10	01 05								
[illegible] ...	...	18 03	17 08	21 04	27 02	32 06	30 11	27 23	32 28	...	06 06	33 02	32 10	30 06	32 06	...	30 04	31 08	29 08	27 10	27 10	29 07	27 27	31 05	[illegible]	[illegible] 54
[illegible] ...										[illegible]	[illegible]	[illegible]	[illegible]	06 06	06 05	01 05	02 04	01 08	11 06	[illegible]	[illegible]	32 [illegible]	[illegible]	28 07		
Chittagong ...	34 03	04 09	01 09	10 17	02 08	19 02	21 05	28 09	29 10	[illegible]	[illegible]	03 05				34 06	01 05	02 09	01 09	03 07	04 37	04 05	14 31	24 04		
[illegible] ...	36 09	01 09	01 08	36 04	14 04					10 11	01 07	35 03	05 04	06 04	07 07											
Dacca ...	33 09	13 08	33 03	02 02	03 06	36 04	24 08	27 13	28 18	01 13	02 06	01 03	36 03	36 03	35 01	30 06	30 07	32 06	35 06	04 06	25 09	24 15	25 30	27 07		
Dalbandin ...	...	...	12 08	08 09	05 07	34 13	28 09	29 17	09 15	...	...	10 04	05 07	36 10	36 10	—	...	08 07	07 04	36 03	35 11	26 11	26 16	26 20	26 21	27 24
D.I. Khan ...	...	...	...	...						...	...	...				...	...	...							...	...
Drosh ...	...	...	...	...	23 09	21 06	23 03	31 05	33 12	...	...	...	27 01	24 02	24 04	...	...	...	...	04 07	02 11	11 03	13 06	31 84	...	...
Fort Sandeman ...				07 02	04 04	32 05	30 19	29 39	29 40	...	...	...	20 01	28 06	31 08	...	...	...	23 05	27 01	28 11	28 28	28 33	27 29	...	...
Ishurdi ...	23 10	13 06	22 04	20 03	33 02	33 04	31 13	29 13	30 12	20 08	20 06	22 05	23 04	25 03	03 09	21 07	21 08	22 07	23 05	04 12	12 05	26 08	28 13	28 15	25 26	20 17
Jessore ...	34 15	34 13	34 09	02 08	01 05	35 10	24 02	24 07	22 07	36 22	36 19	02 12	36 12	35 08	02 10	35 10	36 07	34 07	36 06	02 11	03 01	...			...	...
Jhelum ...	25 02	26 04	27 03	31 03	28 03	30 06	29 29	29 46	29 49	33 05	32 07	29 08	32 11	34 12	34 12	09 02	30 08	31 08	30 12	29 08	30 07	34 13	33 23	34 31	...	...
Jiwani ...	20 06	21 04	25 03	02 05	06 15	08 14	27 04	19 03	18 05	28 09	25 49	26 09	35 05	03 10	04 16	24 07	25 07	27 06	36 06	06 14	06 19	27 05	28 05	28 08	...	...
Karachi ...	24 07	27 09	29 07	03 09	07 15	13 02	03 02	10 03	11 01	...	...	...	...	...	...	30 05	30 10	27 06	16 34	04 17	08 10	32 06	22 02	25 05	23 06	20 11
Khanpur ...	21 13	20 13	20 11	26 10	25 06	30 06	30 17	26 21	25 25	25 10	26 10	27 14	25 12	24 18	...	23 06	26 09	25 10	22 10	22 06	34 02	36 06	29 27	34 17	...	...
Lahore ...	30 02	29 03	29 03	30 06	27 06	30 04	30 23	29 30	29 39	03 01	30 03	30 04	31 06	30 09	28 11	25 05	23 07	24 06	29 05	33 07	35 10	31 16	33 32	34 24	30 33	...
Multan ...	19 08	21 09	21 09	20 07	22 06	26 05	30 25	29 29	29 31	22 13	22 12	23 09	30 07	30 05	34 14	22 06	22 12	22 12	23 07	26 07	17 04	28 17	27 30	27 21	28 29	28 34
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 05	03 05	36 12	33 15	32 10	26 08	...	...	...	01 09	03 17	03 21	...	...	...	03 07	07 42	04 18	25 09	26 14	26 14	24 18	29 14
Peshawar ...	...	03 12	07 10	12 09	18 15	25 17	28 26	30 37	31 49	...	...	...	...	...	...	...	08 02	34 08	33 06	34 03	25 09	25 63	36 15	26 17	27 32	...
Quetta ...	...	...	...	...	32 08	38 04	29 17	35 24	29 37	...	...	...	...	33 02	30 07	...	...	...	...	32 03	32 13	32 25	34 03	34 49	30 55	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	31 06	29 03	31 02	30 03	...	...	...	...	...	08 17	06 18	05 15	33 04	29 02	29 06	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 07	36 06	35 09	33 12	32 14	31 19	30 23	...										
Karachi ...	03 04	03 05	03 05	03 06	02 06	35 10	01 03	35 04	35 03	22 06	22 08	28 15	28 19	27 17	27 19	27 19	28 12	...
Peshawar ...	...	06 05	06 06	10 05	08 05	23 06	33 25	31 30	32 35	31 65	32 99	08 26	80 41	—	—	—	...	...
Quetta ...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

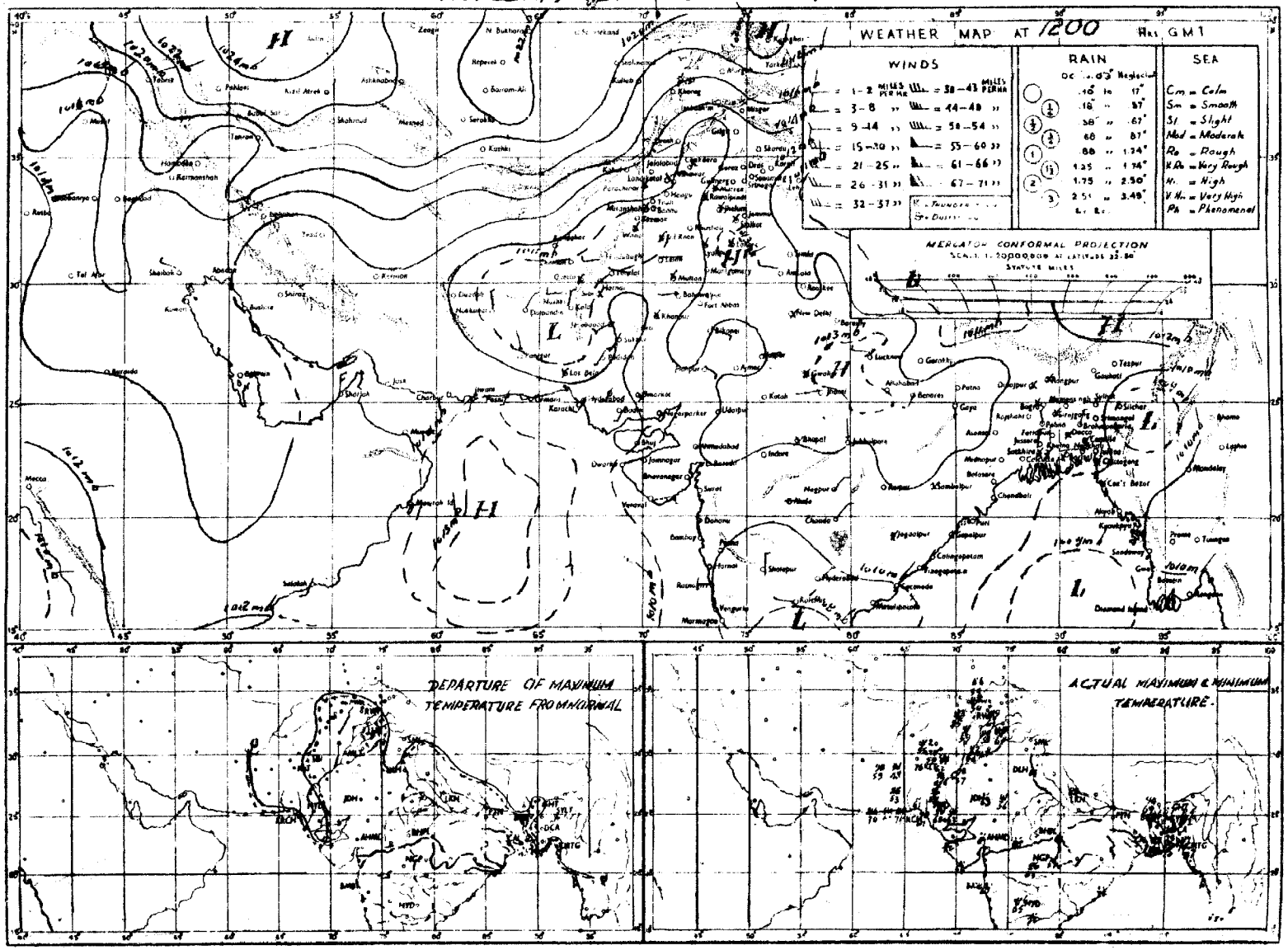
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 917 32 706

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

PAKISTAN DAILY WEATHER MAP

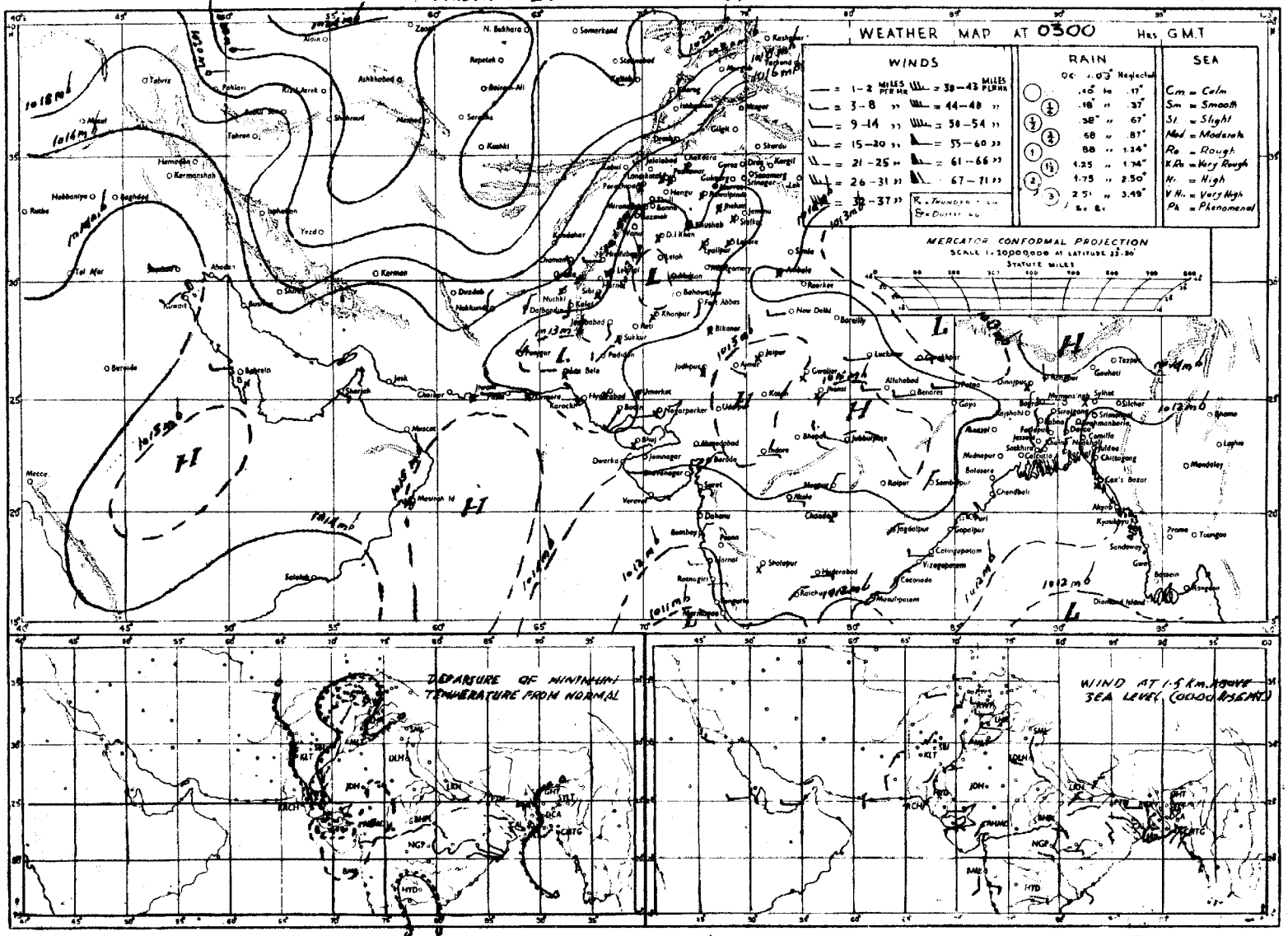
THURSDAY, 19th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 20th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 21st OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A feeble secondary western disturbance is moving across east Russian Turkistan.
Weather remained dry over the country.
Night temperatures were nearly normal over the country outside Chittagong division where they were 4-5°F above normal.
Forecast valid until the evening of 22nd October, 1961:—Weather will continue to be dry over the country.

Karachi-11
The 21st October, 1961.

OBSERVATIONS

ZARIF AHMED,
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	34	02	xx	00	1	C86	86	9	x	0	x	x	77	90
	Cox's Bazar	0r0	0	7	36	02	xx	03	2	073	83	1	5	5	0	4	74	89
	Chittagong	000	0	3	31	05	xx	01	1	075	83	2	5	5	1	0	78	90
	Maijdee Court	000	9	2	00	00	95	03	0	088	82	2	0	9	3	0	75	87
	Comilla	000	0	0	00	00	96	02	0	067	84	0	0	9	0	0	77	89
	Brahmanbaria	000	0	2	00	00	xx	01	1	079	84	2	5	5	0	0	78	88
	Sylhet	000	0	1	27	05	xx	02	0	071	81	1	1	6	7	0	74	89
	Srimangal	0C0	C	2	C0	00	95	C2	0	xxx	84	2	7	4	0	0	77	90
Dacca	Mymensingh	0C0	0	0	27	02	97	00	0	084	85	0	0	9	0	0	75	91
	Narayanganj	000	9	1	00	0	xx	01	0	082	83	1	5	5	0	0	74	90
	Dacca (Tezgaon)	0C0	0	1	36	02	98	02	0	078	82	1	8	6	0	0	75	90
	Faridpur	000	0	2	34	02	96	01	0	091	84	2	4	7	0	0	72	87
Khulna	Barisal	000	0	0	00	00	97	02	0	079	82	0	0	9	0	0	76	85
	Khulna	C00	0	0	00	00	xx	00	0	C86	84	0	0	9	0	0	74	87
	Satkhira	000	0	4	00	09	96	03	0	089	85	3	4	6	3	0	72	87
	Jessore	000	0	0	36	03	97	00	0	094	84	0	0	9	0	0	71	87
Rajshahi	Pabna	000	0	1	30	00	xx	01	1	088	81	0	0	9	0	1	72	85
	Sirajganj	000	0	1	00	00	96	00	0	081	82	0	0	9	0	0	75	89
	Bogra	000	0	0	00	00	96	02	0	086	82	0	0	9	0	0	74	87
	Dinajpur	000	0	0	00	00	95	00	0	089	85	0	0	9	0	0	73	90
	Rangpur	0.0	0	1	00	00	96	01	0	088	80	1	0	9	1	0	74	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	0C0	C	0	00	00	96	C2	0	109	84	0	0	9	0	0	61	89
	Sialkot	C00	0	0	00	00	97	00	0	105	83	0	0	9	0	0	62	89
Rawalpindi	Jhelum	0C0	0	0	00	00	97	02	0	100	84	0	0	9	0	0	63	90
	Rawalpindi	000	0	0	23	02	98	00	0	101	80	0	0	9	0	0	54	86
	Campbellpur	C00	0	0	00	00	98	00	0	098	87	0	0	9	0	0	47	88
Sargodha	Khushab	0C0	0	0	C0	00	99	00	0	C98	89	0	0	9	0	0	48	92
	Lyallpur	000	0	0	16	02	96	00	0	097	88	0	0	9	0	0	44	xx
Multan	Montgomery	000	0	0	r0	00	96	00	0	103	85	0	0	9	0	0	67	92
	Multan	000	0	0	00	00	98	02	0	094	89	C	0	9	0	0	56	92
	Leiah	000	0	0	11	02	97	00	0	116	90	0	0	9	0	0	53	93
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	111	86	0	0	9	0	0	58	92
	Bahawalpur																	
	Fort Abbas	C00	0	0	00	00	98	00	0	109	92	0	0	9	0	0	51	97
Peshawar	Chakdara	000	0	0	00	00	98	00	0	071	83	0	0	9	0	0	48	83
	Peshawar	000	0	0	00	00	97	02	0	096	82	0	0	9	0	0	55	87
	Haripur	000	0	0	23	02	97	00	0	100	81	0	0	9	0	0	65	84
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	C89	85	0	0	9	0	0	52	87
	D. I. Khan	000	0	0	00	00	98	00	0	C88	89	0	0	9	0	0	59	91
Quetta	Sibi	000	6	0	27	02	97	00	0	076	92	0	0	9	0	0	48	xx
Kalat	Nokkundi	000	0	0	18	03	98	02	0	079	94	0	0	9	0	0	35	95
	Turbat	000	0	0	22	03	98	00	0	085	95	0	0	9	0	0	53	98
	Jiwani	000	0	0	23	07	97	02	0	119	83	0	0	9	0	0	68	86
	Pasni	000	0	0	20	10	97	00	0	110	84	0	0	9	0	0	69	88
Karachi Division	Ormara	000	0	0	27	05	96	00	0	106	84	0	0	9	0	0	71	89
	Las Bela	000	0	0	00	00	98	00	0	098	97	0	0	9	0	0	74	98
	Karachi (Manora)	000	0	0	27	12	98	02	0	103	85	0	0	9	0	0	76	88
	Karachi (Air Port)	000	0	0	25	09	96	02	0	107	88	0	0	9	0	0	55	93
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	092	91	0	0	9	0	0	54	94
	Umerkot	000	0	0	00	00	98	02	0	095	93	0	0	9	0	0	55	97
	Hyderabad	000	0	0	00	00	97	02	0	103	94	0	0	9	0	0	49	98
	Badin	000	0	0	00	00	97	00	0	118	93	0	0	9	0	0	74	90
Khairpur	Pad-i-dan	000	0	0	18	05	97	02	0	C99	92	0	0	9	0	0	41	95
	Nawabshah	000	0	0	00	00	97	02	0	115	93	0	0	9	0	0	44	96
	Sukkur	000	0	0	25	02	97	02	0	C97	94	0	0	9	0	0	65	97
	Kashmore	000	0	0	00	00	99	00	0	115	96	0	0	9	0	0	46	92
	Jacobabad	000	0	0	18	02	97	02	0	100	92	0	0	9	0	0	53	92
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	C00	0	0	31	02	98	00	0	512	57	0	0	9	0	0	30	45
Peshawar	Drosh *	000	0	1	23	05	98	03	0	487	77	1	1	7	0	0	33	86
	Cherat *	000	0	0	04	06	98	00	0	501	71	0	0	9	0	0	58	76
	Kakul *	000	0	0	16	07	98	00	0	513	71	0	0	9	0	0	40	79
	Landi Kotal *	000	0	0	13	01	97	00	0	497	77	0	0	9	0	0	58	80
	Parachinar *	000	0	2	13	01	99	00	0	454	70	2	0	9	2	0	39	74
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	497	80	0	0	9	0	0	43	82
	Wana *	000	0	0	05	02	99	00	0	517	76	0	0	9	0	0	41	81
Quetta	Fort Sandeman *	000	0	0	25	03	99	02	0	501	83	0	0	9	0	0	18	85
	Hindubagh *	000	0	0	27	17	97	00	0	490	73	0	0	9	0	0	47	76
	Loralai *	000	0	0	16	03	99	00	0	373	75	0	0	9	0	0	55	82
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	98	00	0	504	70	0	0	9	0	0	43	71
	Chaman *	000	0	0	23	09	97	00	0	503	79	0	0	9	0	0	17	81
	Nushki *	000	0	0	00	00	98	02	0	546	85	0	0	9	0	0	64	89
	Dalbandin *	000	0	0	13	05	98	02	0	538	89	0	0	9	0	0	30	91
Kalat	Kalat *	000	0	0	34	05	98	00	0	484	67	0	0	9	0	0	33	76
	Panjgur *	000	0	0	36	02	98	02	0	520	87	0	0	9	0	0	25	91
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	2	6	05	02	98	02	4	102	92	6	7	4	0	0	75	xx
Cox's Bazar	000	0	2	36	02	97	01	0	089	85	1	1	5	0	8	77	78
Chittagong	000	0	2	36	02	xx	xx	x	093	86	1	0	7	6	1	77	76
Maijdee Court	000	0	0	00	00	98	0C	0	098	82	0	0	9	0	0	78	76
Comilla	000	0	2	09	09	97	02	C	087	82	2	2	7	0	0	78	77
Brahmanbaria	000	0	3	36	02	97	03	1	102	83	3	5	5	0	0	77	75
Sylhet	000	0	0	09	C5	96	01	0	093	84	0	0	9	0	0	73	72
Srimangal	000	0	0	36	03	95	00	0	xxx	85	0	0	9	0	0	81	70
Mymensingh	000	0	0	00	00	97	00	0	109	80	0	0	9	0	0	73	72
Narayanganj	0C0	9	1	00	00	96	01	0	104	82	1	5	4	0	0	75	75
Dacca (Tezgaon)	000	0	1	31	03	98	02	0	100	80	1	5	6	0	0	74	76
Faridpur	000	0	0	34	05	96	00	0	098	81	0	0	9	0	0	71	73
Barisal	C00	0	0	36	02	97	02	2	102	83	0	0	9	0	0	76	76
Khulna	000	0	0	05	05	97	00	0	110	80	0	0	9	0	0	70	74
Satkhira	000	0	0	36	02	97	00	0	114	80	0	0	9	0	0	69	72
Jessore	000	0	0	36	C5	97	00	0	117	78	0	0	9	0	0	69	70
Pabna	000	0	0	31	C9	98	02	0	111	79	0	0	9	0	0	71	71
Sirajganj	000	0	0	31	03	99	00	0	105	80	0	0	9	0	0	76	71
Bogra	000	0	0	36	03	96	02	0	109	79	0	0	9	0	0	71	71
Dinajpur	000	0	0	00	00	96	00	0	110	83	0	0	9	0	0	71	69
Rangpur	0C0	0	1	05	02	96	01	0	124	77	1	0	9	1	0	73	70
Jammu																	
Lahore (Jail Rd.)	C00	0	0	00	00	96	02	0	126	68	0	0	9	0	0	57	60
Sialkot	000	0	0	00	00	97	00	0	121	71	0	0	9	0	0	55	63
Jhelum	000	0	0	00	00	97	02	0	125	65	0	0	9	0	0	57	58
Rawalpindi	000	0	0	05	02	98	10	0	133	66	0	0	9	0	0	54	57
Campbellpur	000	C	0	00	00	98	00	0	128	65	0	0	9	0	0	54	55
Khushab	000	0	0	00	00	99	00	0	133	66	0	0	9	0	0	53	59
Lyallpur	000	0	0	00	00	96	00	0	120	68	0	0	9	0	0	54	60
Montgomery	000	0	0	23	C2	96	02	0	122	72	0	0	9	0	0	54	64
Multan	000	0	C	00	00	98	02	0	117	71	0	0	9	0	0	53	65
Leiah	000	0	0	13	02	97	00	0	121	66	0	0	9	0	0	47	58
Khanpur	000	0	0	23	03	96	02	0	125	71	0	0	9	0	0	56	59
Bahawalpur	000	0	0	00	00	98	00	0	118	74	0	0	9	0	0	58	60
Fort Abbas	000	0	0	00	00	98	C0	0	126	71	0	0	9	0	0	49	62
Chakdara	000	0	0	00	00	97	00	0	135	60	0	0	9	0	0	47	53
Peshawar	000	0	0	13	02	97	02	0	137	65	0	0	9	0	0	52	59
Haripur	000	0	0	23	02	97	00	0	120	67	0	0	9	0	0	49	56
Bannu	000	0	0	27	02	99	02	0	125	65	0	0	9	0	0	51	62
D. I. Khan	000	0	0	00	00	98	00	0	124	67	0	0	9	0	0	55	62
Sibi	000	2	0	00	00	94	05	4	112	70	0	0	9	0	0	51	63
Nokkundi	000	0	0	34	03	98	00	0	141	64	0	0	9	0	0	31	60
Turbat	C00	C	0	13	02	97	00	0	130	78	0	0	9	0	0	62	xx
Jiwani	000	0	1	00	00	96	03	0	130	75	1	6	5	0	0	69	71
Pasni	000	0	0	29	01	97	00	0	127	73	0	0	9	0	0	68	xx
Ormara	000	0	0	00	00	96	00	0	121	75	0	0	9	0	0	75	71
Las Bela	090	0	0	00	00	98	00	0	139	74	0	0	9	0	0	57	65
Karachi (Manora)	000	0	0	00	00	97	02	0	129	73	0	0	9	0	0	66	70
Karachi (Air Port)	000	0	0	00	00	96	02	0	134	70	0	0	9	0	0	62	64
Nagarparkar	000	0	0	00	00	97	00	0	119	73	0	0	9	0	0	58	xx
Umerkot	000	0	0	00	00	97	02	0	143	75	0	0	9	0	0	58	64
Hyderabad	000	0	0	00	00	97	02	0	127	74	0	0	9	0	0	57	67
Badin	000	0	0	23	02	97	00	0	124	69	0	0	9	0	0	66	65
Pad-i-dan	000	0	0	11	05	98	02	0	122	67	0	0	9	0	0	49	58
Nawabshah	000	0	0	00	06	97	02	0	135	69	0	0	9	0	0	55	60
Sukkur	000	0	0	00	00	96	02	0	131	77	0	0	9	0	0	57	69
Kashmore	000	0	0	00	00	99	00	0	124	73	0	0	9	0	0	56	61
Jacobabad	000	0	0	09	03	97	02	0	125	72	0	0	9	0	0	57	65
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	0	0	00	00	98	00	0	520	52	0	0	9	0	0	31	46
Drosh *	000	5	0	00	00	98	02	0	501	55	0	0	9	0	0	32	85
Cherat *	000	0	0	34	09	98	00	0	498	62	0	0	9	0	0	44	88
Kakul *	000	0	0	05	02	97	00	0	516	61	0	0	9	0	0	42	56
Landi Kotal *	000	0	0	00	00	97	00	0	501	61	0	0	9	0	0	48	53
Parachinar *	000	0	0	00	00	99	00	0	541	49	0	0	9	0	0	35	46
Miranshah *	000	0	0	00	00	99	00	0	499	58	0	0	9	0	0	42	54
Wana *	000	0	0	00	00	99	00	0	500	58	0	0	9	0	0	34	46
Fort Sandeman *	000	0	0	00	00	98	02	0	523	56	0	0	9	0	0	31	51
Hindubagh *	000	0	0	27	02	97	C0	0	526	59	0	0	9	0	0	40	44
Loralai *	000	0	0	31	03	99	00	0	355	56	0	0	9	0	0	37	33
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	513	55	0	0	9	0	0	17	38
Chaman *	000	0	0	13	03	98	C0	0	523	46	0	0	9	0	0	17	54
Nushki *	000	0	0	09	02	96	02	0	554	66	0	0	9	0	0	37	60
Dalbandin *	000	0	0	05	03	98	02	0	500	54	0	0	9	0	0	20	50
Kalat *	000	0	0	18	03	98	00	0	508	53	0	0	9	0	0	25	41
Panjgur *	000	0	0	05	02	98	02	0	502	58	0	0	9	0	0	18	53
Kabul *																	
Kandhar *																	

Stations	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Rangamati	—	×	113.1	—	120.4	—
Cox's Bazar	+ 2	+ 5	161.1	+47.0	174.1	140
Chittagong	+ 3	+ 4	123.5	+41.4	164.5	108
Maijdee Court	+ 1	+ 5	85.3	— 5.2	123.5	113
Comilla	+ 1	+ 6	61.7	— 6.4	76.0	94
Brahmanbaria	—	—	49.6	— 3.5	65.1	78
Sylhet	—	—	99.9	—	—	—
Srimangal	0	+ 1	35.8	—20.2	49.5	98
Mymensingh	+ 4	0	45.1	—23.0	61.4	91
Narayanganj	+ 2	+ 1	58.9	+ 6.6	61.9	74
Dacca (Tezgaon)	—	—	57.2	—	80.9	—
Faridpur	0	+ 1	48.2	— 2.5	84.0	71
Barisal	— 2	— 3	60.0	— 0.4	75.1	81
Khulna	0	—	43.7	—10.4	55.3	60
Satkhira	— 2	—	40.1	— 9.7	61.8	65
Jessore	— 2	— 2	44.1	— 3.1	55.1	45
Pabna	—	—	36.9	—	41.3	89
Sirajganj	+ 2	0	34.8	—14.1	48.1	64
Bogra	0	0	43.9	—12.8	51.5	49
Dinajpur	+ 3	— 1	34.9	—23.0	51.4	72
Rangpur	— 2	+ 1	53.7	—12.8	50.9	84
Jammu						
Lahore (Jail Rd.)	— 5	+ 2	36.2	+21.6	30.9	19
Sialkot	— 3	+ 2	27.6	+ 3.9	34.7	32
Jhelum	—	—	22.5	—	34.3	—
Rawalpindi	— 3	+ 1	38.1	+14.2	51.9	86
Campbellpur	—	—	10.8	—	11.8	—
Khushab	— 2	— 3	7.1	— 3.3	11.1	15
Lyallpur	—	— 1	10.9	+ 1.6	13.9	13
Montgomery	— 4	+ 1	4.6	— 2.9	10.1	10
Multan	— 2	+ 3	5.5	+ 0.6	7.6	7
Leiah	—	—	—	—	—	8
Khanpur	— 3	0	11.1	+ 6.3	12.6	6
Bahawalpur		— 1	3.0	— 1.2	4.9	6
Fort Abbas	—	—	3.1	—	3.1	8
Chakdara	—	—	12.2	—	28.0	—
Peshawar	0	— 1	8.3	+ 3.7	17.3	11
Haripur	—	—	27.2	—	20.6	—
Bannu	—	—	5.5	—	12.9	11
D. I. Khan	— 2	+ 1	5.1	— 0.5	7.4	9
Sibi	—	—	3.5	—	5.4	8
Nokkundi	—	—	0.1	—	1.0	2
Turbat	—	×	4.6	—	11.3	—
Jiwani	—	—	0.3	—	3.8	8
Pasni	— 4	×	2.0	+ 1.5	5.4	4
Ormara	—	—	4.4	+ 3.6	9.9	6
Las Bela	—	—	0	—	0	8
Karachi (Manora)	0	— 3	9.7	+ 3.7	9.8	8
Karachi (Air Port)	—	—	23.2	—	24.6	—
Nagarparkar	—	×	26.1	—	27.3	—
Umerkot	—	—	15.9	—	10.0	—
Hyderabad	0	— 3	12.0	+ 5.9	12.9	7
Badin	+ 5	— 3	14.9	+ 6.8	14.8	9
Pad-i-dan	—	—	9.6	—	11.1	—
Nawabshah	—	—	0.6	—	0.3	—
Sukkur	—	—	1.1	—	2.2	4
Kashmore	—	—	1.7	—	1.2	—
Jacobabad	— 5	+ 1	0.6	+ 4.8	6.3	4
Veraval						30
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						36
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						2
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *						5
Murree *	0	— 3	47.3	+10.4	67.8	89
Drosh *	+ 10	+ 3	4.5	—	21.5	18
Cherat *	0	— 2	15.3	+ 2.9	33.4	29
Kakul *	— 0	—	32.7	—	35.8	—
Landi Kotal *	—	—	4.1	—	12.8	—
Parachinar *	0	— 2	10.1	—	28.7	29
Miranshah *	—	—	3.1	—	7.7	13
Wana *	—	—	3.0	—	11.3	11
Fort Sandeman *	+ 3	+ 2	5.1	+ 0.7	11.2	11
Hindubagh *	—	—	0.7	—	5.6	—
Loralai *	—	—	2.7	—	5.6	9
Harnai *	—	×	21.1	+13.5	14.7	14
Quetta *	—	—	1.6	+ 0.5	6.2	9
Chaman *	+ 2	+ 2	0.7	+ 0.4	6.3	8
Nushki *	—	—	1.1	—	3.8	—
Dalbandin *	+ 4	+ 1	1.3	+ 1.0	2.7	4
Kalat *	+ 2	+ 2	1.2	— 0.1	12.9	7
Panjgur *	+ 5	— 1	2.0	—	5.0	5
Kabul *						12
Kandhar *						

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 21st OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Nonulasaru	63 105	586 00	0 04 05	97 0 20	107 79	00 9 00	25 6 05	...	05 2 73	11 8 21
Mokiriaru	63 240	596 00	0 18 12	98 0 20	137 82	00 9 00	74 6 00	...	05 4 70	10 5 22
Sydney	63 175	666 06	0 05 06	97 0 20	159 86	00 9 00	66 4 07	...	05 4 77	11 8 20
Sarira	63 245	582 06	0 18 05	98 0 20	159 84	00 9 00	76 2 12	...	05 1 66	10 0 x0
Sarira	63 259	580 12	0 00 00	99 0 00	118 86	00 9 00	76 7 20	...	05 2 70	10 0 x0
Caltex Austerdau	63 253	573 12	0 00 00	98 0 20	135 86	00 9 00	...	...	00 0 70	10 4 21
Bantam	63 201	518 12	1 26 09	99 0 20	083 82	11 5 00	...	...	05 5 72	12 6 21
Alfred Fraissint	63 278	507 18	0 28 06	98 0 20	135 81	00 9 00	36 4 00	...	05 5 70	12 8 x0
BAY OF BENGAL										
Shahjehm	62 199	923 00	4 04 06	99 0 20	103 82	32 4 01	74 2 13	...	05 2 75	10 4 20
Meerkirk	63 195	851 06	6 06 16	98 0 22	118 84	42 3 60	63 1 01	...	00 2 75	10 6 32
Mississipi	62 206	908 06	6 10 11	98 0 22	098 84	49 3 62	17 0 05	...	00 0 79	10 1 32
Mustanli	63 144	869 06	5 35 05	99 0 10	164 84	31 5 09	13 x xx	...	...	...
Misipi	62 219	916 12	3 33 09	98 0 20	070 84	29 5 62	87 5 03	...	00 1 75	13 3 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT$_d$T$_d$T$_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	008 245 225	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	009 218 115	098 228 158	...	147 165 025	...	313 115 999	440 038 999	584 542 999	754 648 999	964 802	238 018	420 138	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	970 165 115	...	...	148 192 055	...	313 102 555	440 025 665	585 562 999	756 665 999	969 755	...	...	...
Quetta ...	00 00	833 118 555	...	...	...		312 015 999	440 060 999	572 7/0 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTTT$_d$T$_d$T$_d$									PPPTTTT$_d$T$_d$T$_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 202 035	800 155 005	...	...	...	...	...	...	...	800 155 005	...	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 212 082	896 212 075	800 162 012	...	...	...	...	...	...	800 162 012	...	...
Quetta ...	00 00	800 100 580	685 000 999	...	...	...	...	...	...	...	685 000 999	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 10	02 16	35 16	03 11	14 04	22 05	...	...	...	...	...
Chaklala ...	...	26 03	30 05	30 10	28 04	29 04	25 09	27 17	27 19	28 [illegible]	29 47
Chhor ...	24 06	23 08	22 07	14 11	10 12	11 11	26 02	26 06	25 07	[illegible] 07	30 07
Chittagong ...	34 07	35 08	36 11	06 11	06 12	02 09	12 06	...	...	...	...
Cox's Bazar ...	36 04	01 06	02 08	03 08	07 07	04 05	13 05	27 02	30 03	...	...
Dacca ...	35 06	03 06	02 07	03 06	05 06	22 07	34 07	28 07	33 02	26 06	26 13
Dalbandin ...	...	...	08 07	10 03	28 05	35 11	32 07	26 14	26 14	29 28	27 31
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 01	19 01	20 07	21 13	25 18	26 [illegible]	28 52
Fort Sandeman ...	...	...	...	23 04	24 05	28 09	27 10	28 17	28 25	37 [illegible]	...
Jacobabad ...	21 10	21 12	21 10	24 03	34 08	34 08	25 13	29 17	28 15	30 28	28 33
Jessore ...	35 08	01 12	03 17	03 14	36 07	21 04	01 05	35 10	35 11	...	...
Jhelum ...	24 01	28 04	29 05	29 07	28 06	29 06	28 15	28 17	28 32	29 46	...
Jiwani ...	26 04	20 05	16 05	04 07	05 11	07 16	12 02	20 03	06 03	...	...
Karachi ...	28 06	24 04	18 05	14 34	05 16	08 12	06 04	21 04	20 06	...	...
Khanpur ...	25 12	26 13	26 06	25 28	24 28	24 12	16 10	26 10	28 17	29 23	...
Lahore ...	18 02	23 04	26 04	29 06	29 14	31 11	31 07	31 11	31 10	27 18	...
Multan ...	21 08	21 11	21 10	21 07	21 04	25 07	27 17	27 21	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	09 07	08 14	03 17	34 06	22 05	25 09	28 02	28 15
Peshawar ...	...	24 04	34 06	34 05	28 03	34 04	27 33	28 15	30 15	...	...
Quetta ...	...	...	...	...	31 06	xx xx	30 36	30 35	31 39	30 [illegible]	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	06 03	05 07	05 12	07 15	07 07	23 09	30 41	27 12	27 44	36 17	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. kms. a.s. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	27 11	31 08	04 06	04 09	04 14	04 16	33 04	32 04	27 04	21 07	25 02	32 16	31 11	29 15	30 14	30 13	...	...
Peshawar ...	...	24 11	36 08	02 05	15 08	18 11	23 15	23 27	21 33	23 45	24 62	26 72	25 68	25 97	...	...	...	...
Quetta ...	...		...	...		...	...	...	...	...			...	...	...	...		...

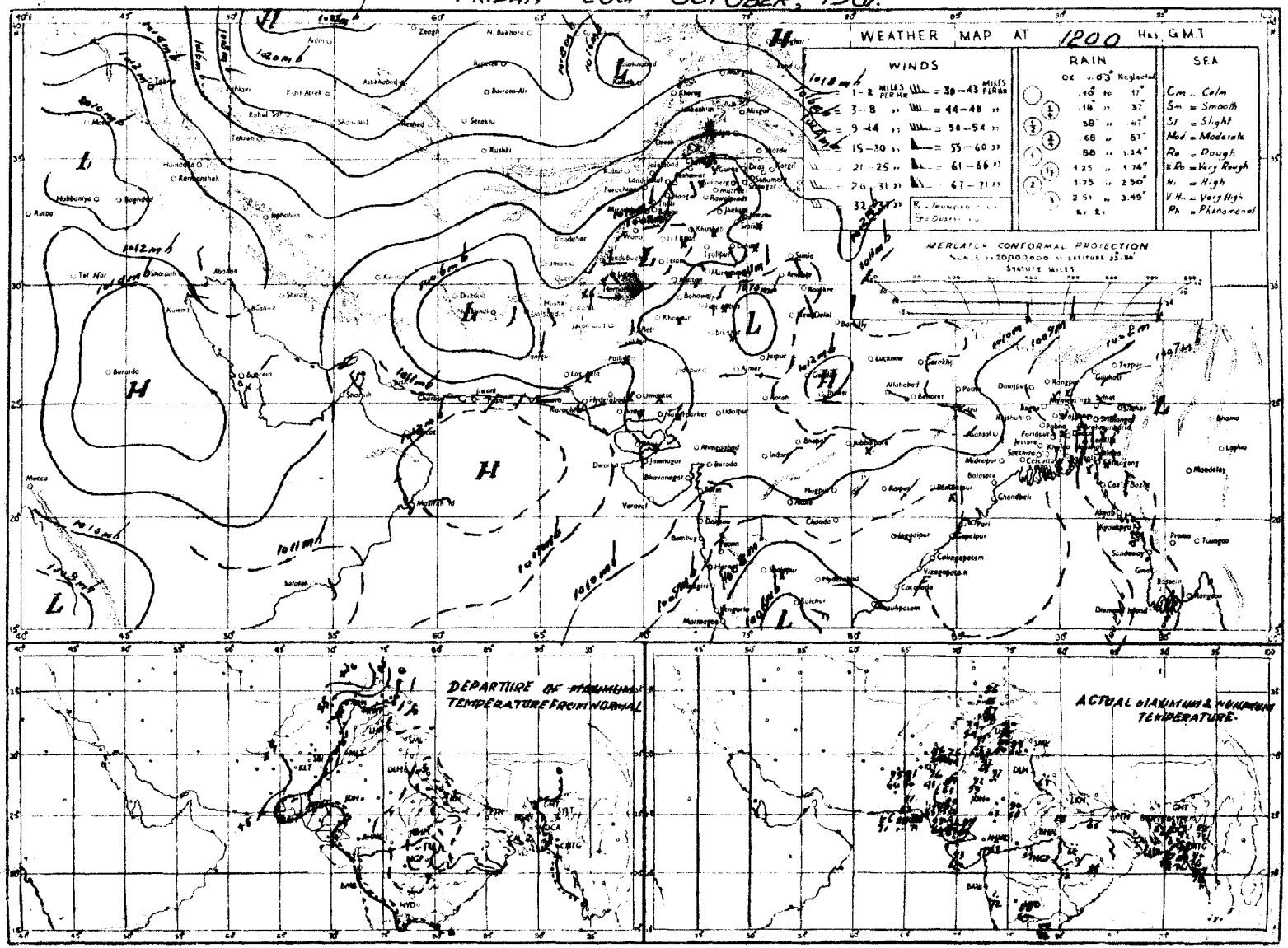
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

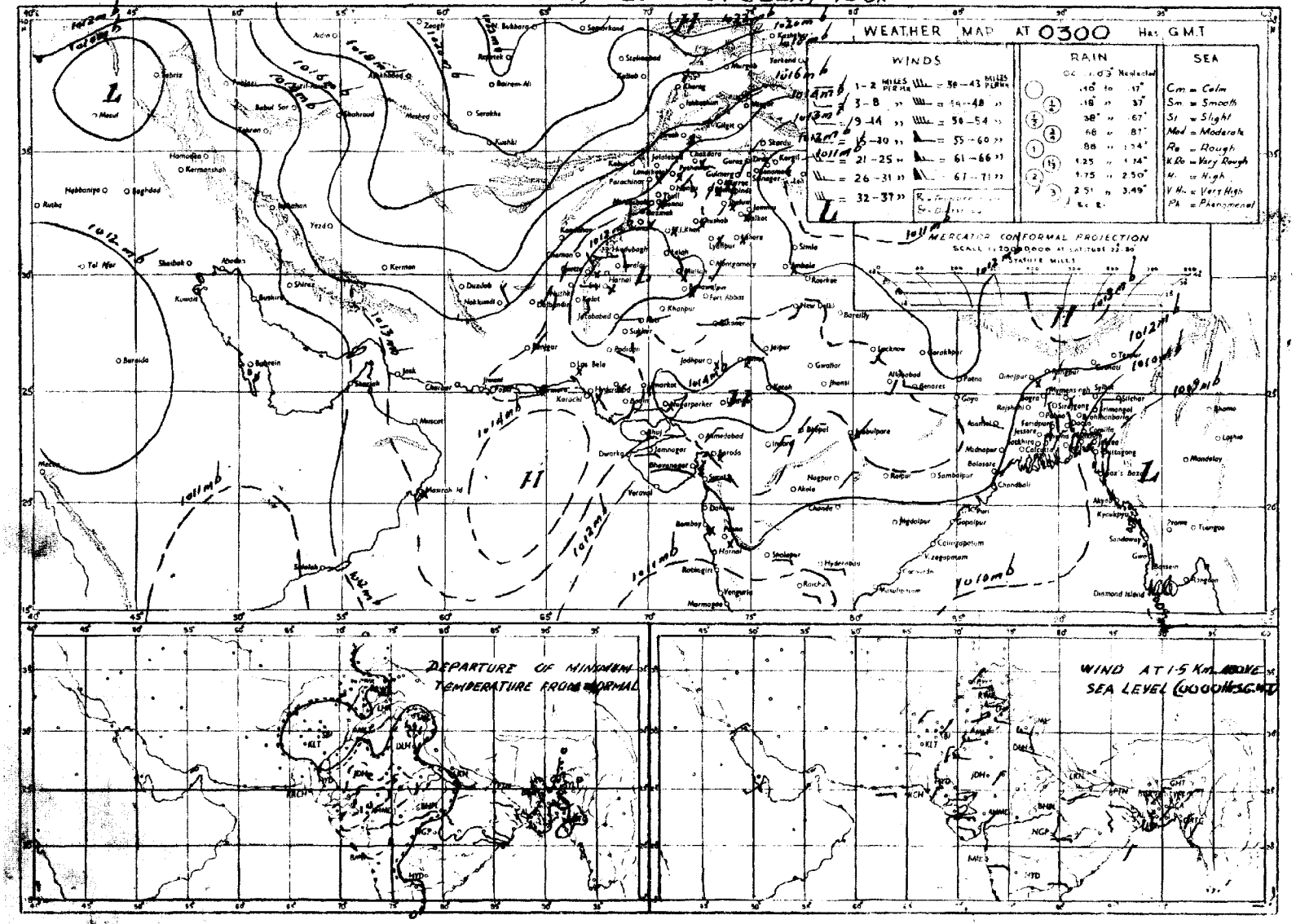
FRIDAY, 20th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 21st OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 22nd OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance has moved away eastwards.

Ships observations are lacking and from coast meagre but believe an easterly low pressure wave has centered into Andeman Sea adjoining east cantral Bay of Bengal.

Weather remained dry over the country.

Night temperatures were nearly normal over the country outside coastal Chittagong division where they were 4-6°F above normal.

Forecast valid until the evening of 23rd October, 1961:—Thunderstorm/showers will be scattered in Chittagong division. Weather will remain dry elsewhere over the country.

Karachi-11
The 22nd October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wc	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	9	27	02	xx	00	2	062	87	9	1	0	x	x	79	92
	Cox's Bazar	000	0	3	36	09	xx	02	1	052	84	1	4	6	3	8	78	89
	Chittagong	000	0	3	31	05	xx	01	1	054	84	1	1	6	1	1	78	91
	Maijdee Court	000	9	6	00	00	97	00	00	063	82	0	0	9	0	0	78	86
	Comilla	000	0	0	18	05	96	02	0	051	83	0	0	9	0	0	76	90
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	1	27	05	xx	9	20	056	81	1	1	6	0	0	74	90
	Srimangal	000	0	0	00	00	55	00	00	xxx	80	0	0	9	0	0	74	50
Dacca	Mymensingh	000	0	0	27	02	97	00	00	067	85	0	0	9	0	0	75	91
	Narayanganj	000	9	0	00	01	xx	05	0	064	83	8	0	9	0	0	74	91
	Dacca (Tezgaon)	000	0	6	31	02	57	02	0	063	81	0	0	9	0	0	75	88
	Faridpur	000	0	1	27	02	96	01	0	081	82	1	0	9	1	0	75	88
Khulna	Barisal	000	0	0	31	01	97	06	0	064	85	0	0	9	0	0	84	89
	Khulna	000	0	0	00	00	xx	00	0	071	84	0	0	9	0	0	76	87
	Satkhira	000	0	0	00	09	97	00	0	071	84	0	0	9	0	0	74	88
	Jessore	000	0	0	36	03	97	00	0	089	84	0	0	9	0	0	71	88
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	013	82	0	0	9	0	0	73	86
	Sirajganj	000	0	0	00	00	96	00	0	069	83	0	0	9	0	0	74	90
	Bogra	000	0	0	31	00	96	02	0	076	82	0	0	9	0	0	75	88
	Dinajpur	000	0	0	06	08	95	00	0	066	85	0	0	9	0	0	70	90
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	165	82	0	0	9	0	0	61	89
	Sialkot	000	0	0	00	00	97	00	0	099	83	0	0	9	0	0	63	87
Rawalpindi	Jhelum	000	0	0	13	02	97	02	0	095	82	0	0	9	0	0	63	89
	Rawalpindi	000	0	0	30	02	98	00	0	093	80	0	0	9	0	0	57	84
	Campbellpur	000	0	0	00	00	98	00	0	082	87	0	0	9	0	0	50	88
Sargodha	Khushab	000	0	0	00	00	59	00	0	093	93	0	0	9	0	0	50	94
	Lyallpur	000	0	0	16	02	96	00	0	108	89	0	0	9	0	0	51	89
Multan	Montgomery	000	0	0	00	00	96	00	0	108	85	0	0	9	0	0	64	93
	Multan	000	0	0	00	00	98	02	0	097	89	0	0	9	0	0	58	93
	Leiah	000	0	0	09	[illegible]	97	00	0	[illegible]	[illegible]	0	0	9	0	0	53	92
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	[illegible]	[illegible]	0	0	9	0	0	51	92
	Bahawalpur	000	0	0	27	00	58	00	0	094	94	0	0	9	0	0	65	93
	Fort Abbas	000	0	0	00	00	98	00	0	095	93	0	0	9	0	0	50	98
Peshawar	Chakdara	000	0	0	00	00	98	00	0	076	78	0	0	9	0	0	50	83
	Peshawar	000	0	0	13	02	97	02	0	093	81	0	0	9	0	0	56	86
	Haripur	000	0	0	13	02	97	00	0	084	82	0	0	9	0	0	64	86
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	087	86	0	0	9	0	0	56	87
	D. I. Khan	000	0	0	00	00	98	00	0	086	89	0	0	9	0	0	58	90
Quetta	Sibi	000	6	0	18	03	97	00	0	096	95	0	0	9	0	0	43	93
Kalat	Nokkundi	000	0	0	18	03	98	02	0	072	92	0	0	9	0	0	38	94
	Turbat	000	0	0	23	03	98	00	0	084	95	0	0	9	0	0	58	97
	Jiwani	000	0	0	27	05	97	02	0	115	83	0	0	9	0	0	66	84
	Pasni	000	0	0	20	14	97	00	0	106	84	0	0	9	0	0	74	89
Karachi Division	Ormara	000	0	0	27	04	96	00	0	106	84	0	0	9	0	0	71	90
	Las Bela	000	0	0	00	00	98	00	0	083	95	0	0	9	0	0	72	97
	Karachi (Manora)	000	0	0	27	12	98	02	0	102	86	0	0	9	0	0	77	89
	Karachi (Air Port)	000	0	0	23	05	97	02	0	102	89	0	0	9	0	0	40	93
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	097	89	0	0	9	0	0	51	93
	Umarkot	000	0	0	29	01	98	02	0	095	90	0	0	9	0	0	59	96
	Hyderabad	000	0	0	16	02	97	02	0	097	92	0	0	9	0	0	45	98
	Badin	000	0	0	23	02	97	00	0	101	91	0	0	9	0	0	77	99
Khairpur	Pad-i-dan	000	0	0	16	07	98	02	0	096	92	0	0	9	0	0	38	95
	Nawabshah	000	0	0	00	00	97	02	0	100	92	0	0	9	0	0	41	95
	Sukkur	000	0	0	25	03	97	02	0	092	93	0	0	9	0	0	61	96
	Kashmore	000	0	0	00	00	99	00	0	095	95	0	0	9	0	0	44	92
	Jacobabad	000	0	0	18	02	97	02	0	095	91	0	0	9	0	0	01	94
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	506	58	0	0	9	0	0	54	64
Peshawar	Drosh *	000	1	5	23	09	97	01	2	495	75	3	2	7	6	0	32	81
	Cherat *	000	0	0	16	03	98	00	0	511	71	0	0	9	0	0	32	76
	Kakul *	000	0	0	18	05	97	00	0	507	70	0	0	9	0	0	41	77
	Landi Kotal *	000	0	1	03	02	97	00	0	494	76	0	0	9	0	0	57	81
	Parachinar *	000	0	2	13	01	99	00	0	424	70	2	0	9	0	1	30	73
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	488	78	0	0	9	0	0	42	83
	Wana *	000	0	0	16	01	99	00	0	505	75	0	0	9	0	0	34	89
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	506	79	0	0	9	0	0	21	82
	Hindubagh *	000	0	0	25	07	97	00	0	510	74	0	0	9	0	0	51	71
	Loralai *	000	0	0	13	03	99	00	0	373	73	0	0	9	0	0	51	78
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	501	73	0	0	9	0	0	54	74
	Chaman *	000	0	0	27	07	98	00	0	514	79	0	0	9	0	0	09	81
	Nushki *	000	0	0	27	05	98	02	0	546	85	0	0	9	0	0	41	88
	Dalbandin *	000	0	0	09	03	98	02	0	518	87	0	0	9	0	0	20	91
Kalat	Kalat *	000	0	0	31	03	98	00	0	475	68	0	0	9	0	0	31	72
	Panjgur *	000	0	0	18	02	98	00	0	510	89	0	0	9	0	0	14	89
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	5	31	05	98	03	2	163	82	5	7	3	0	4	75	77	—	—	113.1	—	120.4	—
	Cox's Bazar	000	0	6	36	05	57	02	1	090	83	1	1	6	7	0	76	79	+ 2	+ 6	161.1	+46.7	174.1	140
	Chittagong	000	0	6	05	03	93	02	2	092	86	1	0	6	1	4	78	76	+ 5	+ 4	123.5	+41.2	164.5	108
	Maijdee Court	000	9	8	00	00	96	02	2	101	77	6	5	5	2	x	75	75	+ 3	+ 4	85.3	− 5.4	123.5	115
	Comilla	000	0	8	36	09	96	03	0	089	82	8	4	4	0	0	76	79	+ 3	+ 8	61.7	− 5.6	76.0	94
	Brahmanbaria	000	0	4	36	03	97	03	1	103	83	4	4	5	0	0	79	74		—	49.6	− 3.7	65.1	78
	Sylhet	000	0	1	69	02	97	02	0	098	xx	1	1	6	0	0	69	67	—	—	100.0	—	—	—
	Srimangal	000	0	0	05	03	95	00	0	xxx	83	0	0	9	0	0	75	68	− 1	− 1	35.8	−28.4	49.5	90
Dacca	Mymensingh	000	0	0	00	00	97	00	0	114	79	0	0	9	0	0	72	72	+ 5	0	45.1	−23.2	61.4	91
	Narayanganj	000	9	1	31	02	96	03	0	107	80	1	0	9	3	0	71	74	+ 4	0	58.9	+ 6.5	61.9	74
	Dacca (Tezgaon)	000	0	1	36	09	98	02	0	103	80	0	0	9	0	1	72	73	—	—	57.2	—	[illegible]	—
	Faridpur	000	0	1	34	05	95	05	0	099	80	0	0	9	0	1	69	72	+ 2	0	48.2	− 2.6	[illegible]	71
Khulna	Barisal	000	0	0	36	02	97	02	2	103	82	0	0	9	0	0	73	74	+ 2	+ 1	60.0	− 0.6	78.1	81
	Khulna	000	0	0	06	00	96	00	0	112	79	0	6	9	0	0	71	72	—	—	43.7	− 8.5	50.3	60
	Satkhira	000	0	0	00	00	97	00	0	117	77	0	0	9	0	0	68	70	—	—	40.1	− 9.8	61.8	65
	Jessore	000	0	0	36	07	97	00	0	118	78	0	0	9	0	0	69	69	+ 1	− 3	44.1	− 3.2	55.1	[illegible]
Rajshahi	Pabna	000	0	0	31	09	98	02	0	112	78	0	0	9	0	0	67	71	—	—	36.9	—	41.3	59
	Sirajganj	000	0	0	31	05	99	00	0	111	80	0	0	9	0	0	73	70	+ 4	− 1	34.8	−14.2	40.1	64
	Bogra	000	0	0	31	05	96	02	0	114	80	0	0	9	0	0	71	72	+ 2	+ 1	43.9	−10.9	51.5	69
	Dinajpur	000	0	0	00	00	96	00	0	112	82	0	0	9	0	0	73	68	+ 4	− 2	34.9	−23.1	51.4	72
	Rangpur	000	0	0	02	02	96	01	0	129	72	0	0	9	0	0	68	69		0	53.7	−12.9	39.9	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	132	69	0	0	9	0	0	55	60	− 5	+ 2	36.2	+21.6	50.8	19
	Sialkot	000	0	0	00	00	97	00	0	135	71	0	0	9	0	0	59	62	− 5	+ 1	27.6	+ 3.9	[illegible]	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	136	65	0	0	9	0	0	58	58	—	—	22.5	—	34.8	—
	Rawalpindi	000	0	0	00	01	97	10	0	150	68	0	0	9	0	0	55	55	− 5	− 1	38.1	+14.2	[illegible]	36
	Campbellpur	000	0	0	00	00	98	00	0	143	67	0	0	9	0	0	50	55	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	36	02	99	00	0	137	68	0	0	9	0	0	54	59	6	− 3	7.1	− 3.3	[illegible]	15
	Lyallpur	000	0	0	00	00	96	00	0	138	63	0	0	9	0	0	50	59	− 4	− 2	10.9	+ 1.6	[illegible]	12
Multan	Montgomery	000	0	0	00	00	96	02	0	139	69	0	0	9	0	0	52	59	− 3	− 4	4.6	− 2.9	10.1	10
	Multan	000	0	0	00	00	96	02	0	143	70	0	0	9	0	0	60	57	− 1	− 6	5.5	+ 0.9	7.0	7
	Leiah	000	0	0	09	01	97	00	0	098	68	0	0	5	0	0	49	58	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	143	71	0	0	9	0	0	56	58	− 3	− 1	11.1	+ 6.3	12.4	6
	Bahawalpur	000	0	0	16	00	96	00	0	135	69	0	0	9	0	0	57	60	− 1	− 1	3.0	− 1.2	4.9	6
	Fort Abbas	000	0	0	23	02	98	00	0	151	71	0	0	9	0	0	53	58	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	177	59	0	0	9	0	0	48	53	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	18	03	97	02	0	153	67	0	0	9	0	0	50	61	− 1	+ 1	8.3	+ 3.7	17.3	11
	Haripur	000	0	0	23	02	97	00	0	122	68	0	0	9	0	0	48	56	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	000	0	0	27	02	99	02	0	148	66	0	0	9	0	0	48	61	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	143	69	0	0	9	0	0	55	60	− 3	− 1	5.1	− 0.5	7.4	9
Quetta	Sibi	000	2	0	05	02	95	05	4	154	65	0	0	9	0	0	49	64	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	02	03	58	02	1	154	67	0	0	9	0	0	33	61	—	—	0.1	—	1.0	2
	Turbat	000	0	0	09	00	97	00	0	147	78	0	0	9	0	0	65	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	0	00	00	97	02	0	151	75	0	0	9	0	0	69	71	—	—	0.3	—	3.8	5
	Pasni	000	0	0	29	00	97	00	0	150	73	0	0	9	0	0	69	70	− 3	+ 3	2.0	+ 1.1	5.4	[illegible]
Karachi Division	Ormara	000	0	0	00	00	96	00	0	141	76	0	0	9	0	0	75	70	—	—	4.4	+ 3.6	9.9	4
	Las Bela	000	0	0	00	00	98	00	0	146	73	0	0	9	0	0	57	65	—	—	0	—	0	8
	Karachi (Manora)	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...		+ 1					8
	Karachi (Air Port)	000	0	0	34	02	96	02	0	150	73	0	0	9	0	0	63	64	—	—	21.8	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	152	76	0	0	9	0	0	55	xx	—	—	26.1	—	27.3	—
	Umarkot	000	0	0	00	0	97	02	0	143	75	0	0	9	0	0	58	62	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	00	00	97	02	0	146	73	0	0	5	0	0	55	65	0	− 5	12.0	+ 6.0	12.9	7
	Badin	000	0	0	23	02	97	00	0	159	75	0	0	9	0	0	60	66	+ 4	− 2	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	00	00	97	00	0	143	68	0	0	9	0	0	55	58	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	00	06	97	02	0	144	70	0	0	9	0	0	56	61	—	—	0.6	—	8.3	—
	Sukkur	000	0	0	00	00	96	02	0	146	77	0	0	9	0	0	59	69	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	940	73	0	0	9	0	0	63	61	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	13	03	97	02	0	146	71	0	0	9	0	0	61	65	− 3	+ 1	4.4	+ 4.3	8.3	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							8
	HILL STATIONS																							
Kashmir	Srinagar *																							36
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							36
	Leh **																							3
	Skardu *																							4
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							3
Rawalpindi	Murree *	000	0	0	02	09	98	00	0	531	56	0	0	9	0	0	19	48	− 1	− 1	47.8	+10.3	67.8	58
Peshawar	Drosh *	000	0	0	00	00	98	02	1	556	56	0	0	9	0	0	32	55	+ 8	+ 3	4.8	—	21.5	18
	Cherat *	000	0	0	13	05	98	00	0	449	61	0	0	9	0	0	46	54	0	− 3	15.3	+ 2.9	33.4	29
	Kakul *	000	0	0	36	02	97	00	0	529	59	0	0	9	0	0	41	55	—	—	32.7	—	35.0	—
	Landi Kotal *	000	0	0	00	00	97	00	0	523	62	0	0	9	0	0	49	51	—	—	4.1	—	12.8	—
	Parachinar *	000	0	0	00	00	99	00	0	545	50	0	0	9	0	0	37	45	− 1	− 3	18.1	—	28.7	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	501	59	0	0	9	0	0	41	54	—	—	3.1	—	7.7	13
	Wana *	000	0	0	00	00	99	00	0	505	53	0	0	9	0	0	32	45	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	549	56	0	0	9	0	0	23	56	0	− 1	5.1	+ 0.4	11.2	11
	Hindubagh *	000	0	0	27	00	97	00	0	523	55	0	0	9	0	0	37	35	—	—	0.7	—	5.5	—
	Loralai *	000	0	0	27	02	99	00	0	337	55	0	0	9	0	0	35	33	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	55	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.5	34.7	14
	Quetta *	000	0	0	00	00	96	90	0	540	53	0	0	9	0	0	05	33	—	—	1.6	+ 0.5	6.2	9
	Chaman *	000	0	0	09	03	9F	00	0	530	66	0	0	9	0	0	11	55	+ 2	+ 3	0.7	+ 0.3	6.3	8
	Nushki *	000	0	0	09	19	98	02	0	551	75	0	0	9	0	0	34	65	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	00	00	98	02	0	513	52	0	0	9	0	0	27	51	+ 4	+ 2	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	521	54	0	0	9	0	0	14	39	+ 2	0	1.2	− 0.1	12.9	7
	Panjgur *	000	0	0	05	02	98	02	0	523	60	0	0	9	0	0	27	56	+ 3	− 2	2.0	—	5.0	8
Afghanistan	Kabul *																							13
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 22nd OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex Leeden	73 225	612 36	0 18 07	98 0 20	152 82	00 9 00	00 1 17	...	11 8 70	11 2 32
Refnkerk	73 215	641 06	0 02 10	98 0 20	124 82	00 9 00	56 1 21	...	00 0 61	10 2 31
Bantam	73 040	517 06	3 05 02	98 0 20	114 82	22 4 40	85 2 10	...	05 2 72	10 5 20
Circusia	73 214	622 12	0 02 09	98 0 20	115 83	00 9 00	...	...	...	...
Caltex Utrecht	73 235	598 42	0 15 09	98 0 20	113 82	00 9 00	00 0 20	...	11 5 70	
Caltex Lieden	73 217	624 42	0 02 09	98 0 20	114 82	00 9 01	05 0 17	...	10 2 30	10 9 22
Caltex Utrecht	73 225	611 48	0 00 00	97 0 00	137 81	00 9 00	05 2 17	...	10 0 x0	...
Isocardia	73 158	532 18	1 09 05	98 0 21	135 79	11 6 00	05 5 20	...	10 9 70	11 2 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	008 242 212	077 205 165	...	143 185 055	..	312 085 995	437 012 998	581 575 995	740 72x 90x	957 932	229 042	409 168	...
Jiwani ...														
Karachi ...	00 00	011 195 155	...	...	150 188 088	...	315 095 992	441 018 992	586 582 992	785 705 995	972 838	247 015	429 128	...
Lahore ...	00 00	Misda	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 172 025	...	...	150 182 048	...	313 072 595	439 512 722	581 632 995	747 748 995	950 875	...	...	...
Quetta ...	00 00	835 068 558	...	...	...		314 005 995	437 535 995	583 525 915	754 616 990		...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 235 068	800 165 008	722 052 542	...	...	...	...		...	722 052 542	...	...
Jiwani ...													
Karachi ...	00 00	900 232 032	...	...	...	...	...	...	...	...	900 232 032	...	...
Lahore ...	00 00	Misda	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	924 218 088	900 208 082	800 142 008	...	...	...	...	...	...	800 142 008	...	...
Quetta ...	00 00	810 102 535	800 095 525	743 050 010	685 083 990	...	...	...	...	...	685 000 990	...	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	32 13	36 17	36 15	01 09	...	...	...	...	...
Chaklala ...	...	28 05	39 07	31 04	26 03	25 06	27 18	27 23	28 29
Chhor ...	27 04	29 04	14 03	11 02	17 03	22 03	26 03	33 03	04 07
Chittagong ...	33 19	34 17	35 13	01 12	02 10	03 12	...	...	...
Cox's Bazar ...	33 19	34 13	34 12	35 05	01 06	...	...	...	...
Dacca ...	32 22	36 15	36 12	05 13	05 12	25 04	27 09	35 13	33 12
Dalbandin ...	...	...	18 05	23 05	27 06	37 02	28 05	29 13	27 16
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 14	23 16	...	...	...
Fort Sandeman ...	...	...	...	12 05	09 03	27 05	26 14	28 25	29 32
Jacobabad ...	19 08	21 07	21 05	30 03	33 05	30 07	31 09	27 19	27 16
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	21 04	28 04	29 06	30 09	28 05	27 08	28 16	27 18	29 23
Jiwani ...	25 04	23 04	03 04	08 06	09 14	02 07	17 01	20 09	17 06
Karachi ...	24 08	26 07	26 08	01 08	06 24	33 03	11 04	20 07	20 09
Khanpur ...	22 10	21 12	21 13	25 15	26 14	17 10	20 15	24 18	25 22
Lahore ...	31 02	28 04	28 05	29 12	28 13	29 19	30 12	29 13	29 12
Multan ...	06 02	29 03	27 03	23 07	24 06	24 08	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	06 04	05 07	05 08	32 03	24 07	22 03
Peshawar ...	...	11 04	12 03	23 02	27 07	31 07	29 15	28 21	27 25
Quetta ...	...	...	...	...	33 05	31 05	28 17	25 14	29 21
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 10	29 08	02 04	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

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

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 16	01 18	02 15	12 03	16 03	21 06	27 07	29 12	30 18	...	...
Chaklala ...	...	02 06	33 06	31 08	30 06	34 02	28 12	29 18	28 30	...	...
Chhor ...	27 02	18 03	18 04	16 04	13 06	16 01	19 03	27 04	17 08	22 05	...
Chittagong ...	36 04	01 06	02 07	06 65	04 06	...	...	...	...	...	...
Cox's Bazar ...	20 01	26 04	20 03								
Dacca ...	33 07	36 07	36 08	33 07	30 05	28 12	30 07	32 10	29 08	27 11	29 13
Dalbandin ...	...	...	07 02	12 08	14 05	31 08	23 06	25 04	31 03	23 07	24 21
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 11	01 17	35 26	35 33	...	...	...
Fort Sandeman ...	...	...	...	24 02	35 04	28 05	19 09	24 13	25 17	...	...
Jacobabad ...	21 10	19 10	19 07	30 03	36 07	14 01	26 08	24 12	26 12	25 20	25 22
Jessore ...	35 08	01 16	01 12	06 03	20 03	28 08	34 03	36 10	34 13	...	...
Jhelum ...	32 06	31 09	31 15	31 19	32 14	26 06	36 10	34 10	33 11	...	...
Jiwani ...	32 01	17 04	16 04	10 07	07 15	...	...	...	...	...	...
Karachi ...	29 06	26 11	23 12	22 12	03 08	08 09	12 09	13 [illegible]	17 13	...	...
Khanpur ...	26 09	27 11	26 10	24 11	25 06	18 03	15 04	26 [illegible]	28 12	...	...
Lahore ...	29 01	30 05	30 11	32 08	33 09	38 08	36 17	33 16	31 21	28 31	28 43
Multan ...	25 02	33 04	28 04	26 05	02 06	21 03	29 07	27 14	28 19	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 03	16 36	07 08	19 06	23 07	21 11	22 13	19 15
Peshawar ...	...	10 04	03 01	33 10	32 14	29 08	28 12	26 10	27 15	...	...
Quetta ...	...	...	...	...	18 02	35 05	26 10	21 11	28 13	28 19	27 32
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s. l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 17	01 16	05 73	05 58	50 53	18 04	15 03	30 13	31 11	29 08	29 27	26 31	26 32	23 32	26 34	...	...	...
Karachi ...	31 10	31 14	25 10	14 08	11 07	09 07	06 13	11 12	15 11	20 15	18 12	22 16	20 10	23 10	31 11	...	...	...
Peshawar ...	...	33 06	33 08	32 08	31 11	31 15	31 17	31 26	31 27	31 39	30 81	80 12	...	...	...	...	...	...
Quetta ...	...	...	...	—	.	...	...	...	...	...		...	...	...	...	...	...	...

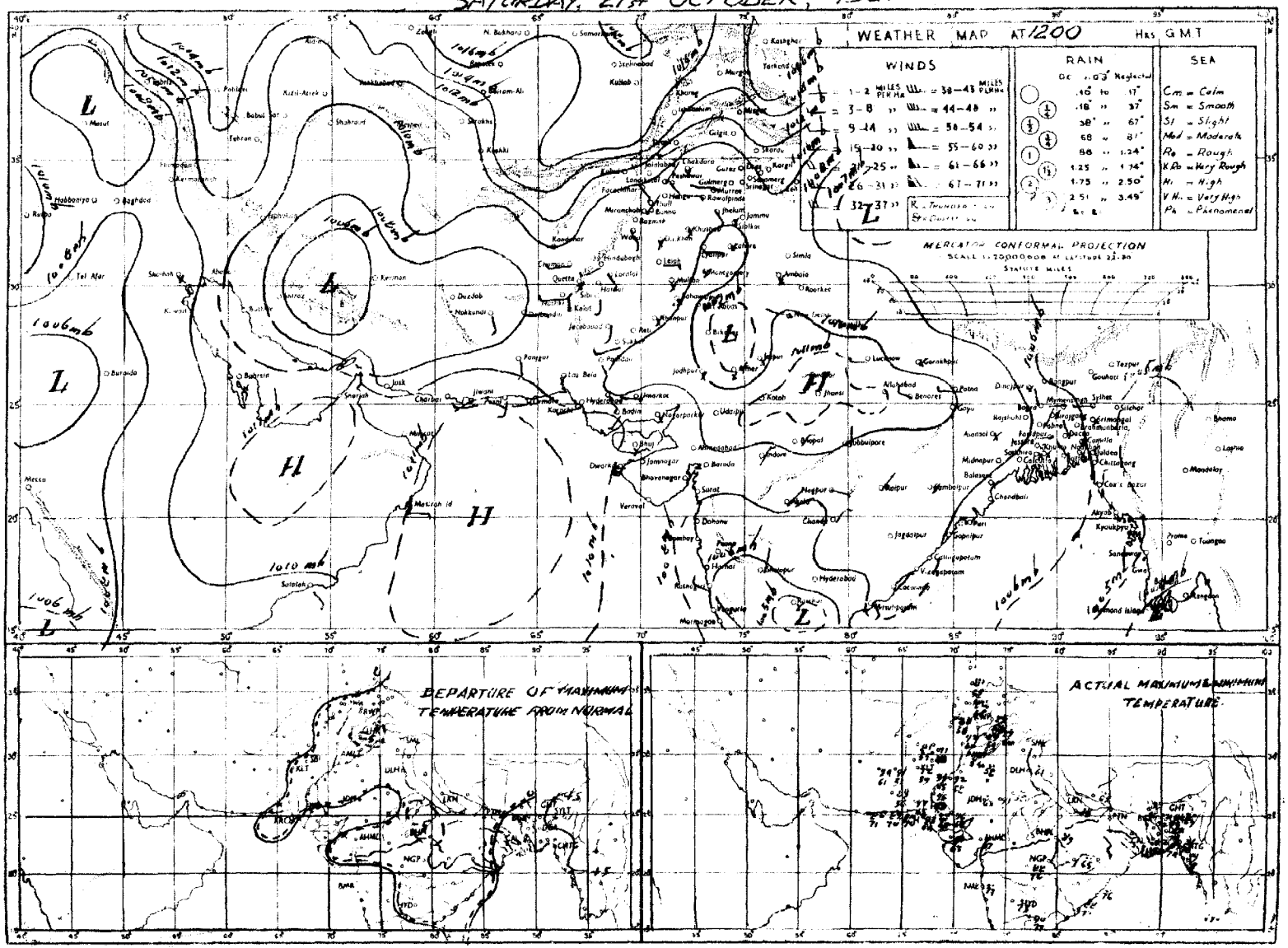
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

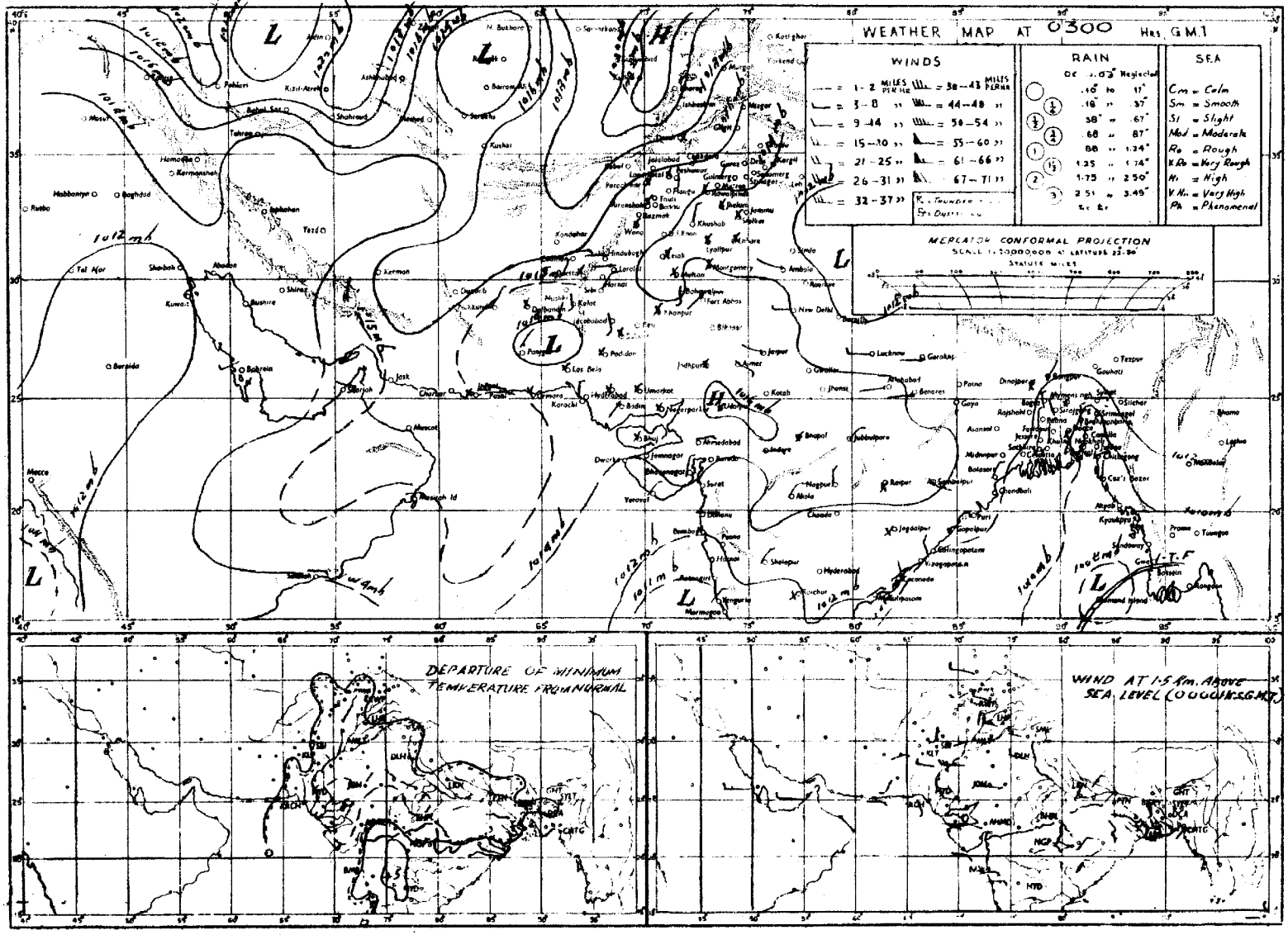
SATURDAY, 21st OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 22nd OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 23rd OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave concentrated into a well marked low in the east central Bay of Bengal last evening. Observations are lacking but believe it persists there and may intensify.

Scattered thunderstorm/showers have been reported from Chittagong division. Rangamati recorded 1/4" of rain.

A western disturbance is moving across east Russian Turkistan north of Kashmir.

Weather continued to be dry over West Pakistan.

Night temperatures were 3-6 °F above normal in Quetta and Chittagong divisions and to the same extent below normal in Rajshahi, Khulna and **Sargodha** divisions.

Forecast valid until the evening of 24th October, 1961:—Local rain/thundershowers are likely to occur in Chittagong division and scattered in Khulna and Dacca divisions. Weather will, otherwise be dry over the country.

Karachi-11
The 23rd October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	00	2	078	86	9	x	0	x	x	78	93
	Cox's Bazar	000	5	7	31	02	xx	13	9	075	93	3	9	5	7	0	79	87
	Chittagong	000	0	0	00	00	xx	17	2	073	84	1	3	5	1	4	79	90
	Maijdee Court	000	9	5	00	00	97	03	1	074	83	0	0	9	0	2	77	86
	Comilla	000	0	3	00	00	96	02	1	076	85	3	3	7	0	0	73	90
	Brahmanbaria	000	0	4	00	00	xx	03	1	075	84	0	0	9	0	4	74	89
	Sylhet	000	0	1	00	00	xx	01	0	068	81	0	0	9	0	1	72	95
	Srimangal	000	0	3	22	03	95	00	0	xxx	83	0	0	9	0	0	76	91
Dacca	Mymensingh	000	0	0	27	02	97	00	0	077	85	0	0	9	0	0	75	91
	Narayanganj	000	9	2	00	00	xx	01	0	098	79	0	0	9	0	1	72	91
	Dacca (Tezgaon)	000	0	2	31	02	98	02	0	075	90	0	0	9	0	1	75	89
	Faridpur	000	0	0	34	02	96	00	0	086	81	0	0	9	0	0	74	87
Khulna	Barisal	000	0	1	36	01	97	01	0	088	84	1	0	9	8	0	76	89
	Khulna	000	0	0	00	00	xx	00	0	083	83	2	2	7	3	0	79	88
	Satkhira	000	0	4	00	09	97	03	1	083	83	2	2	1	2	0	79	88
	Jessore	000	0	0	36	05	97	00	0	088	85	0	0	9	0	0	70	88
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	085	82	0	0	9	0	0	73	86
	Sirajganj	000	0	0	00	00	97	00	0	076	81	0	0	9	0	0	74	89
	Bogra	000	0	0	31	03	96	02	0	082	81	0	0	9	0	0	71	89
	Dinajpur	000	0	0	00	00	xx	00	0	082	85	0	0	9	0	0	72	91
	Rangpur	000	0	0	00	00	96	01	0	084	81	0	0	9	0	0	71	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	112	95	0	0	9	0	0	65	89
	Sialkot	000	0	0	00	00	97	00	0	105	93	0	0	9	0	0	64	89
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	098	85	0	0	9	0	0	60	92
	Rawalpindi	000	0	0	27	02	98	00	0	100	80	0	0	9	0	0	49	85
	Campbellpur	000	0	0	00	00	98	00	0	093	87	0	0	9	0	0	47	87
Sargodha	Khushab	000	0	0	00	00	99	00	0	104	92	0	0	9	0	0	48	xx
	Lyallpur	000	0	0	00	00	96	00	0	109	91	0	0	9	0	0	46	91
Multan	Montgomery	000	0	0	00	00	96	00	0	116	85	0	0	9	0	0	66	92
	Multan	000	0	0	00	00	98	02	0	109	90	0	0	9	0	0	52	95
	Leiah	000	0	0	13	09	97	00	0	092	90	0	0	9	0	0	50	94
Bahawalpur	Khanpur	000	0	0	23	02	96	02	0	116	87	0	0	9	0	0	53	93
	Bahawalpur	000	0	0	27	08	98	00	0	112	92	0	0	9	0	0	71	94
	Fort Abbas	000	0	0	27	02	98	00	0	112	87	0	0	9	0	0	51	95
Peshawar	Chakdara	000	0	0	00	00	98	00	0	086	80	0	0	9	0	0	49	82
	Peshawar	000	0	0	00	00	97	02	0	099	85	0	0	9	0	0	54	89
	Haripur	000	0	0	23	02	97	00	0	073	83	0	0	9	0	0	61	86
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	099	88	0	0	9	0	0	58	89
	D. I. Khan	000	0	0	00	00	98	00	0	094	90	0	0	9	0	0	58	94
Quetta	Sibi	000	6	0	23	03	97	00	0	102	94	0	0	9	0	0	42	97
Kalat	Nokkundi	000	0	0	05	03	98	02	0	097	90	0	0	9	0	0	47	93
	Turbat	000	0	0	27	03	98	00	0	073	93	0	0	9	0	0	59	97
	Jiwani	000	0	1	23	05	97	02	0	137	83	1	6	5	0	0	63	87
	Pasni	000	0	0	20	08	97	00	0	128	84	0	0	9	0	0	69	89
Karachi Division	Ormara	000	0	0	27	05	96	00	0	126	93	0	0	9	0	0	76	86
	Las Bela	000	0	0	00	00	98	00	0	095	96	0	0	9	0	0	73	97
	Karachi (Manora)	000	0	0	27	10	98	02	0	123	85	0	0	9	0	0	77	89
	Karachi (Air Port)	000	0	0	23	07	97	02	0	123	89	0	0	9	0	0	51	92
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	114	89	0	0	9	0	0	66	94
	Umerkot	000	0	0	29	01	98	02	0	118	91	0	0	9	0	0	56	97
	Hyderabad	000	0	0	13	02	97	02	0	114	91	0	0	9	0	0	57	97
	Badin	000	0	0	00	00	97	00	0	126	93	0	0	9	0	0	57	00
Khairpur	Pad-i-dan	000	0	0	23	05	97	02	0	116	93	0	0	9	0	0	43	95
	Nawabshah	000	0	0	00	00	97	02	0	129	94	0	0	9	0	0	45	98
	Sukkur	000	0	0	27	02	97	02	0	113	94	0	0	9	0	0	51	97
	Kashmore	000	0	0	00	00	99	00	0	106	94	0	0	9	0	0	49	92
	Jacobabad	000	0	0	13	03	97	02	0	120	92	0	0	9	0	0	65	94
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	517	59	0	0	9	0	0	35	68
Peshawar	Drosh *	000	0	0	23	05	98	02	0	508	78	0	0	9	0	0	33	85
	Cherat *	000	0	0	13	07	98	00	0	510	70	0	0	9	0	0	53	75
	Kakul *	000	0	0	18	03	97	00	0	521	74	0	0	9	0	0	42	81
	Landi Kotal *	000	0	0	13	03	97	00	0	500	75	0	0	3	0	0	33	82
	Parachinar *	000	0	2	13	01	99	00	0	531	73	2	0	9	2	0	25	76
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	516	80	0	0	9	0	0	46	85
	Wana *	000	0	0	00	00	99	00	0	510	75	0	0	9	0	0	32	79
Quetta	Fort Sandeman *	000	0	0	26	02	99	02	0	540	81	0	0	9	0	0	23	83
	Hindubagh *	000	0	0	25	10	97	00	0	491	75	0	0	9	0	0	31	73
	Loralai *	000	0	0	16	03	99	00	0	329	73	0	0	9	0	0	53	79
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	506	75	0	0	9	0	0	48	76
	Chaman *	000	0	0	27	05	98	00	0	520	79	0	0	9	0	0	09	82
	Nushki *	000	0	0	27	09	98	02	0	572	87	0	0	9	0	0	44	89
	Dalbandin *	000	0	0	05	05	98	02	0	537	87	0	0	9	0	0	43	91
Kalat	Kalat *	000	0	0	34	03	98	00	0	453	69	0	0	9	0	0	33	73
	Panjgur *	000	0	0	36	02	98	02	0	519	86	0	0	9	0	0	39	87
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	018	9	7	13	05	98	03	9	129	85	5	8	5	5	4	78	78
	Cox's Bazar	000	0	7	16	02	97	02	2	118	82	4	3	5	7	0	77	77
	Chittagong	000	0	6	05	03	96	02	0	117	83	6	5	4	0	0	78	78
	Maijdee Court	000	9	0	36	02	98	02	0	115	80	0	0	9	0	0	78	73
	Comilla	000	0	2	18	02	97	02	0	101	82	2	2	7	0	0	76	80
	Brahmanbaria	000	0	3	10	02	97	03	0	122	79	0	0	1	0	4	75	73
	Sylhet	000	0	2	00	00	97	02	0	115	85	0	0	9	0	2	74	73
	Srimangal	000	0	0	32	02	96	00	0	xxx	86	0	0	9	0	0	74	71
Dacca	Mymensingh	000	0	0	27	02	97	00	0	129	79	0	0	9	0	0	73	71
	Narayanganj	000	9	4	31	02	96	01	1	123	80	1	0	9	3	8	71	72
	Dacca (Tezgaon)	000	0	4	31	07	97	02	1	121	79	0	0	9	0	1	72	69
	Faridpur	000	0	2	34	05	97	01	0	130	79	0	0	9	0	8	68	71
Khulna	Barisal	000	0	4	36	02	97	02	1	123	80	4	0	9	4	0	71	74
	Khulna	000	0	0	00	00	96	00	0	130	79	0	0	9	0	0	69	71
	Satkhira	000	0	5	00	00	97	02	1	131	79	2	2	7	3	0	64	68
	Jessore	000	0	2	31	05	97	01	0	127	75	0	0	9	0	2	67	67
Rajshahi	Pabna	000	0	0	31	05	98	02	0	127	77	0	0	9	0	0	68	70
	Sirajganj	000	0	0	31	03	99	00	0	125	79	0	0	9	0	0	72	68
	Bogra	000	0	0	31	03	96	02	0	130	79	0	0	9	0	0	68	68
	Dinajpur	000	0	0	00	00	96	00	0	127	78	0	0	9	0	0	67	66
	Rangpur	000	0	0	02	02	96	02	0	135	77	0	0	9	0	0	69	67
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	143	69	0	0	9	0	0	58	60
	Sialkot	000	0	0	00	00	97	00	0	142	72	0	0	9	0	0	57	62
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	145	65	0	0	9	0	0	55	56
	Rawalpindi	000	0	0	00	00	96	10	0	156	60	0	0	9	0	0	52	54
	Campbellpur	000	0	0	00	00	98	00	0	155	60	0	0	9	0	0	48	54
Sargodha	Khushab	000	0	0	00	00	99	00	0	148	65	0	0	9	0	0	50	57
	Lyallpur	000	0	0	00	00	96	00	0	143	69	0	0	9	0	0	55	59
Multan	Montgomery	000	0	0	00	00	96	05	0	140	66	0	0	9	0	0	55	60
	Multan	000	0	0	00	00	97	02	0	140	71	0	0	9	0	0	51	65
	Leiah	000	0	0	13	01	97	00	0	139	69	0	0	9	0	0	40	59
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	150	71	0	0	9	0	0	51	58
	Bahawalpur	000	0	0	36	00	98	00	0	140	73	0	0	9	0	0	59	61
	Fort Abbas	000	0	0	20	02	98	00	0	157	74	0	0	9	0	0	48	58
Peshawar	Chakdara	000	0	0	00	00	97	00	0	160	58	0	0	9	0	0	44	52
	Peshawar	000	0	0	00	00	97	02	0	149	65	0	0	9	0	0	50	60
	Haripur	000	0	0	23	02	97	00	0	143	66	0	0	9	0	0	50	56
D. I. Khan	Bannu	000	0	0	31	02	99	00	0	147	63	0	0	9	0	0	47	59
	D. I. Khan	000	0	0	00	00	98	00	0	143	65	0	0	9	0	0	57	60
Quetta	Sibi	000	2	0	00	00	94	05	4	142	67	0	0	9	0	0	45	64
Kalat	Nokkundi	000	0	0	34	03	98	02	0	169	66	0	0	9	0	0	27	61
	Turbat	000	0	0	13	02	97	00	0	147	76	0	0	9	0	0	57	xx
	Jiwani	000	0	0	27	02	99	02	0	162	76	0	0	9	0	0	68	71
	Pasni	000	0	0	29	02	97	00	0	158	72	0	0	9	0	0	62	68
Karachi Division	Ormara	000	0	0	00	00	96	00	0	151	74	0	0	9	0	0	68	69
	Las Bela	000	0	0	00	00	98	00	0	134	73	0	0	9	0	0	51	66
	Karachi (Manora)	000	0	0	31	05	96	02	0	151	73	0	0	9	0	0	65	70
	Karachi (Air Port)	000	0	0	00	00	97	02	0	154	71	0	0	9	0	0	56	63
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	157	75	0	0	9	0	0	58	xx
	Umerkot	000	0	0	00	00	97	02	0	148	78	0	0	9	0	0	60	65
	Hyderabad	000	0	0	00	00	97	02	0	152	73	0	0	9	0	0	55	68
	Badin	000	0	0	23	02	97	06	0	154	75	0	0	9	0	0	64	73
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	144	68	0	0	9	0	0	54	57
	Nawabshah	000	0	0	00	00	97	02	0	158	69	0	0	9	0	0	59	59
	Sukkur	000	0	0	00	00	96	02	0	145	75	0	0	9	0	0	56	70
	Kashmore	000	0	0	00	00	99	00	0	145	71	0	0	9	0	0	61	60
	Jacobabad	000	0	0	00	00	97	02	0	154	69	0	0	9	0	0	62	65
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	34	05	98	00	0	536	56	0	0	9	0	0	23	50
Peshawar	Drosh *	000	0	0	00	00	98	02	0	540	56	0	0	9	0	0	31	55
	Cherat *	000	0	0	05	00	98	00	0	537	62	0	0	9	0	0	47	57
	Kakul *	000	0	0	34	02	98	00	0	535	62	0	0	9	0	0	34	58
	Landi Kotal *	000	0	0	00	00	98	00	0	516	61	0	0	9	0	0	43	51
	Parachinar *	000	0	0	00	00	99	00	0	540	53	0	0	9	0	0	30	48
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	516	62	0	0	9	0	0	31	54
	Wana *	000	0	0	00	00	99	00	0	517	51	0	0	9	0	0	24	43
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	549	56	0	0	9	0	0	21	50
	Hindubagh *	000	0	0	27	03	97	00	0	520	53	0	0	9	0	0	25	35
	Loralai *	000	0	0	29	03	99	00	0	331	57	0	0	9	0	0	35	33
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	535	52	0	0	9	0	0	11	34
	Chaman *	000	0	0	09	05	98	00	0	542	64	0	0	9	0	0	18	34
	Nushki *	000	0	0	05	13	98	12	0	572	71	0	0	9	0	0	25	60
	Dalbandin *	000	0	1	02	02	98	02	0	524	58	0	0	9	0	0	24	54
Kalat	Kalat *	000	0	0	16	03	98	00	0	596	47	0	0	9	0	0	07	39
	Panjgur *	000	0	0	36	05	98	02	0	532	61	0	0	9	0	0	32	57
Afghanistan	Kabul *																	
	Kandhar *																	

DIVISIONS (1)	STATIONS (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	—	—	113.2	—	120.6	—
	Cox's Bazar	8	+ 4	161.1	+46.5	174.1	140
	Chittagong	+ 4	+ 6	123.5	+40.9	164.5	108
	Maijdee Court	+ 3	+ 2	65.3	— 5.7	123.5	115
	Comilla	+ 3	+ 9	61.7	— 6.8	76.0	94
	Brahmanbaria	—	—	49.6	— 3.9	65.1	78
	Sylhet	—	—	99.9	—	—	—
	Srimangal	+ 2	+ 2	35.8	—28.6	49.5	98
Dacca	Mymensingh	+ 5	— 1	45.1	—23.3	61.4	91
	Narayanganj	+ 4	— 2	58.9	+ 6.3	61.9	74
	Dacca (Tezgaon)	—	—	57.2	—	80.9	—
	Faridpur	+ 1	— 1	48.2	— 2.7	86.8	71
Khulna	Barisal	+ 2	+ 1	60.0	— 0.8	75.1	81
	Khulna	—	—	43.7	— 8.6	55.3	68
	Satkhira	—	—	40.1	— 9.9	61.8	65
	Jessore	+ 1	— 5	44.1	— 3.3	55.1	65
Rajshahi	Pabna	—	—	36.9	—	41.3	59
	Sirajganj	+ 3	— 3	34.8	—14.3	48.1	64
	Bogra	+ 3	— 3	43.9	—10.9	51.5	69
	Dinajpur	+ 5	— 4	36.9	—23.2	51.4	72
	Rangpur	+ 2	— 2	53.7	—13.0	59.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	— 1	36.2	+21.5	50.9	19
	Sialkot	— 3	+ 1	27.6	— 3.9	34.7	22
Rawalpindi	Jhelum	—	—	22.5	—	34.3	
	Rawalpindi	— 4	— 2	38.1	+14.2	51.9	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	×	— 5	7.1	— 3.3	11.1	15
	Lyallpur	— 2	— 2	10.9	+ 1.6	13.9	12
Multan	Montgomery	— 4	— 3	4.6	— 2.9	10.1	10
	Multan	+ 1	+ 3	5.5	+ 0.5	7.6	7
	Leiah	—	—	—	—	—	8
Bahawalpur	Khanpur	— 2	— 1	11.1	+ 6.3	12.6	6
	Bahawalpur	0	0	3.0	— 1.3	4.9	6
	Fort Abbas	—		3.1		3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	+ 2	0	8.3	+ 3.7	17.3	11
	Haripur	—	—	27.2		28.6	—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	+ 1	— 1	5.1	— 0.5	7.4	9
Quetta	Sibi	—	—	3.5	—	5.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	— 3	+ 1	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	6
	Las Bela	—	—	0	—	[illegible]	8
	Karachi (Manora)	+ 1	— 3	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	26.1	—	27.3	—
	Umerkot	—	—	15.9	—	[illegible]	—
	Hyderabad	— 1	— 2	12.0	+ 5.9	[illegible]	7
	Badin	+ 5	+ 5	14.0	+ 6.9	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	+	+	0.6	—	[illegible]	—
	Sukkur	—	—	1.1	—	[illegible]	4
	Kashmore	—	—	1.7	—	[illegible]	—
	Jacobabad	— 3	+ 1	6.6	+ 4.3	8.1	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						24
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	+ 3	+ 1	47.3	+10.3	67.8	59
Peshawar	Drosh *	+ 9	—	4.5	—	21.5	18
	Cherat *	— 1	+ 3	15.3	+ 2.9	33.4	29
	Kakul *	—	—	32.7	—	35.0	—
	Landi Kotal *	—	0	4.1	—	12.8	—
	Parachinar *	+ 2		18.1	—	20.7	29
D.I. Khan	Miranshah *	—	0	3.1	— 1.7	7.7	19
	Wana *	—	—	3.0	—	11.3	18
Quetta	Fort Sandeman *	+ 1	+ 1	5.1	+ 0.1	11.2	11
	Hindubagh *	—	—	0.7	—	5.6	—
	Loralai *	—	—	2.7	—	5.4	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	6.2	9
	Chaman *	+ 3	+ 2	0.7	+ 0.3	6.3	8
	Nushki *	—	—	1.1	—	3.8	—
	Dalbandin *	+ 4	+ 5	1.3	+ 1.0	2.7	4
Kalat	Kalat *	— 1	0	1.2	— 0.1	12.9	7
	Panjgur *	+ 1	+ 3	3.0	—	5.0	6
Afghanistan	Kabul *						
	Kandhar *						12

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 23rd OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rejnkerk	13 151	590 12	2 10 02	98 0 01	098 81	22 5 00	56 7 13	...	00 2 70	11 0 21
Caltex Leiden	13 184	665 42	0 04 05	98 0 20	124 82	00 9 00	00 1 20	...	10 4 70	10 7 23
Alfred Fraissinet	13 218	597 12	0 14 12	98 0 20	140 81	00 9 00	46 7 10	...	05 2 65	11 0 x0
Caltex Utrecht	13 196	647 42	5 10 02	97 0 31	129 82	35 2 40	05 1 16	...	05 1 69	11 0 21
Isocardia	13 185	574 12	0 60 06	98 0 20	140 82	00 9 03	16 6 10	...	05 1 69	10 6 21
Heemskerk	13 159	528 12	0 08 09	98 0 20	118 82	00 9 03	26 6 03	...	00 4 74	10 8 21
Chakrata	13 244	646 12	0 31 06	98 0 20	143 82	00 9 00	65 x xx	...	05 2 68	13 1 23
Chakrata	13 242	631 18	0 20 05	98 1 23	253 82	00 9 00	65 x xx	...	05 3 62	13 2 20
Daressa	13 248	637 19	0 27 18	98 0 23	283 79	00 9 00	25 4 00	...	03 3 77	...
Alfred Fraissinet	13 204	591 18	0 12 12	98 0 20	150 82	00 9 00	56 2 05	...	05 2 72	11 2 xx
Isocardia	13 195	584 18	0 08 08	98 0 20	183 82	00 9 03	16 1 10	...	05 1 70	10 8 21
BAY OF BENGAL										
Mustali	13 194	904 00	7 36 09	99 0 02	103 81	22 5 09	13 x xx	...	...	...
Shams	13 155	877 00	7 36 05	98 0 32	100 81	72 4 22	10 0 20	...	...	...
~~Indian Resource~~	13 184	852 06	4 05 11	99 0 33	141 84	44 8 40	16 4 00	...	...	...
Shams	13 169	886 06	7 36 05	98 0 32	140 81	72 4 22	16 1 xx	...	05 4 xx	11 0 20
Mustali	13 203	911 06	9 04 09	99 0 32	10x 86	56 4 00	13 x xx	...	...	...
Mustali	13 208	916 12	9 36 09	98 0 32	072 84	64 4 67	13 x xx	...	...	...
Shams/AQLN	13 187	900 12	7 36 05	98 0 32	080 81	72 5 23	16 1 xx	...	05 2 xx	10 8 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($PPPTTTT_dT_dT_d$)	1000 mb	900 mb	850 mb	800 mb ($HHHTTTT_dT_dT_d$)	700 mb	600 mb	500 mb	400 mb	300 mb ($HHHTTT$)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	009 232 205	086 225 188	...	144 172 555	...	311 075 999	437 035 999	581 575 999	751 682 999	960 835	732 025	...	...
Jiwani ...														
Karachi ...	00 00	010 212 152	106 225 132	...	148 165 999	...	313 082 999	439 018 999	584 548 999	755 670 999	965 798	242 995	426 098	675 158
Lahore ...	00 00	988 225 145	110 xxx xxx	...	149 132 062	...	310 012 999	432 575 999	573 628 999	741 685 999	953 738	240 895	...	...
Multan ...														
Peshawar ...	00 00	971 172 065	...	...	150 208 062	...	316 118 608	443 038 742	588 545 999	761 650 999	973 772	...	...	...
Quetta ...	00 00	836 055 552	...	...	...	..	313 525 999	434 635 999	569 775 999	727 855 999	923 960	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels ($PPPTTTT_dT_dT_d$)									Max. Height Reached ($PPPTTTT_dT_dT_d$)	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 255 525	...	...	...	...	...	...		...	900 255 525	...	...
Jiwani ...													
Karachi ...	00 00	900 212 082	800 155 999	...	...	...	...	...	...	...	800 155 999	...	...
Lahore ...	00 00	900 175 095	800 080 060	...	...	...	...	...	...	...	800 080 060	...	...
Multan ...													
Peshawar ...	00 00	900 202 178	885 215 075	800 192 038	790 192 035	...	...	...	...	...	790 192 095	...	...
Quetta ...	00 00	800 065 552	762 025 572	731 000 999	...	...	...	...	...	...	731 000 999	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	34 15	01 15	01 41	31 04	29 06	30 04	27 08	31 16	28 13
Chilalia ...	...	28 09	32 06	32 09	31 10	30 14	25 15	28 24	28 33
Chhor ...	34 00	31 03	34 02	09 03	16 02	16 02	22 04	18 06	18 09
Chittagong ...	31 10	35 09	01 07	33 05	36 06	02 10	06 11	03 03	23 06
Cox's Bazar ...	32 05	34 01	21 01	05 07	05 09	...	...	...	...
Dacca ...	33 10	34 10	35 41	30 18	28 05	19 04	33 06	34 13	29 15
Dalbandin ...	...	...	12 01	34 02	36 02	33 03	20 04	18 04	26 07
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 13	23 12	18 07	17 08	22 08
Fort Sandeman ...	...	...	...	21 02	22 03	29 06	27 14	29 17	29 18
Jacobabad ...	30 04	22 02	23 02	34 04	33 07	32 07	26 07	26 13	19 05
Jessore ...	33 15	34 15	36 17	35 07	27 10	25 09	34 08	35 15	34 13
Jhelum ...	30 05	30 08	31 09	31 13	30 07	32 04	29 17	29 31	29 38
Jiwani ...	28 07	21 06	21 06	08 09	06 13	08 15	11 05	17 09	19 08
Karachi ...	24 13	25 10	24 08	31 07	05 09	15 07	12 11	16 11	18 08
Khanpur ...	24 11	26 10	26 10	26 10	25 04	23 06	25 08	25 11	17 04
Lahore ...	35 04	29 06	33 06	30 07	30 08	33 14	32 17	32 08	36 04
Multan ...	17 03	33 02	33 03	32 06	24 03	27 05	25 06	25 14	28 23
Mutsatt ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	25 02	15 03	05 06	23 09	21 10	22 07
Peshawar ...	...	12 06	15 05	25 05	26 10	29 08	26 14	28 25	26 26
Quetta ...	...	...	...	...	30 04	27 02	27 07	33 08	30 11
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 07	08 04	06 07	06 10	09 08	17 09	...	...	...
Vengurl ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	35 14	35 21	36 23	02 07	...	...
Chilalia ...	...	06 07	30 07	33 08	30 11	30 09
Chhor ...	28 09	27 07	19 05	19 04	30 01	30 05
Chittagong ...	04 06	...	...	...	...	...
Cox's Bazar ...	02 03	02 09	02 07	06 09	07 12	...
Dacca ...	34 20	34 09	36 06	01 05	08 03	21 04
Dalbandin ...	...	...	07 05	06 07	02 07	04 43
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	22 01	25 01	24 02
Fort Sandeman ...	...	...	...	22 03	34 05	33 06
Jacobabad ...	19 04	23 06	25 06	29 07	34 15	02 03
Jessore ...	01 23	01 17	36 12	25 08	30 10	23 03
Jhelum ...	35 06	30 04	32 09	28 13	28 04	34 08
Jiwani ...	26 08	24 03	26 05	01 05	06 09	06 24
Karachi ...	...	...	...	...	...	...
Khanpur ...	26 19	26 19	25 22	26 25	26 32	...
Lahore ...	30 10	28 12	28 11	31 09	32 08	32 11
Multan ...	22 14	22 13	21 09	26 04	30 06	04 09
Mutsatt ...	...	...	...	...	...	...
Panjgur ...	...	...	...	30 05	06 08	02 11
Peshawar ...	...	27 01	03 03	34 23	30 34	22 31
Quetta ...	...	...	...	...	28 01	29 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	09 11	09 13	10 13	06 09	01 11	16 05
Vengurl ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	04 04	11 05	18 09	10 11	11 16	13 07	31 11	30 16	29 18	...	...
Chilalia ...	...	21 02	32 06	33 09	32 13	32 11	27 16	26 21	29 19	...	...
Chhor ...	26 03	23 05	21 05	17 05	23 04	02 01	16 00	09 08	10 07	...	...
Chittagong ...	16 04	14 07	06 06	05 06	08 06	06 15	...	...	...	...	...
Cox's Bazar ...	15 15	14 13	11 15	10 21	09 22	...	...	...	...	...	...
Dacca ...	22 03	04 08	00 03	10 00	12 05	13 03	22 07	33 12	33 09	31 07	29 10
Dalbandin ...	...	...	07 07	06 11	42 00	36 11	17 04	25 07	22 12	24 13	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 06	02 11	04 09	05 05	06 03	10 04	...
Fort Sandeman ...	...	...	...	23 03	24 02	02 06	27 16	22 09	25 17	...	...
Jacobabad ...	23 05	23 05	34 05	02 09	03 10	24 04	26 05	26 10	26 14	36 18	...
Jessore ...	35 05	36 11	35 10	30 13	04 02	21 05	02 04	30 04	34 13	...	...
Jhelum ...	31 01	30 04	30 08	33 09	35 07	29 10	27 12	28 22	28 29	...	...
Jiwani ...	25 05	25 04	27 02	04 03	03 08	08 19	10 03	32 04	29 08	27 08	...
Karachi ...	29 06	28 06	30 05	34 01	07 07	11 09	13 15	12 15	11 14	...	...
Khanpur ...	25 13	24 17	25 21	26 23	26 20	20 11	10 13	06 04	05 09	...	...
Lahore ...	30 06	29 08	29 13	30 11	33 13	33 15	31 60	30 21	33 21	...	...
Multan ...	23 03	23 07	23 07	23 07	18 05	04 03	03 03	33 06	29 07	24 12	25 15
Mutsatt ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	10 02	08 99	06 14	14 08	19 09	19 10	32 06	24 09
Peshawar ...	...	09 01	33 04	31 13	32 10	30 13	29 19	27 31	26 33	...	...
Quetta ...	...	...	...	...	03 06	15 02	23 04	20 04	22 06	24 04	25 08
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 08	09 14	08 14	06 12	07 12	17 07	23 10	31 15	30 09	29 13	24 13
Vengurl ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s. l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 13	33 14	34 09	01 03	01 05	18 04	22 05	28 04	35 09	32 18	17 04	22 06	29 27	...	...	...	...	...
Karachi ...	30 15	28 14	36 04	08 05	08 10	08 11	14 16	13 19	12 10	20 09	20 07	23 17	23 21	24 21	24 18	23 45	...	...
Peshawar ...	...	31 07	02 04	02 06	36 08	32 18	32 24	30 26	30 24	28 33	29 56	28 78	29 07	29 95	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

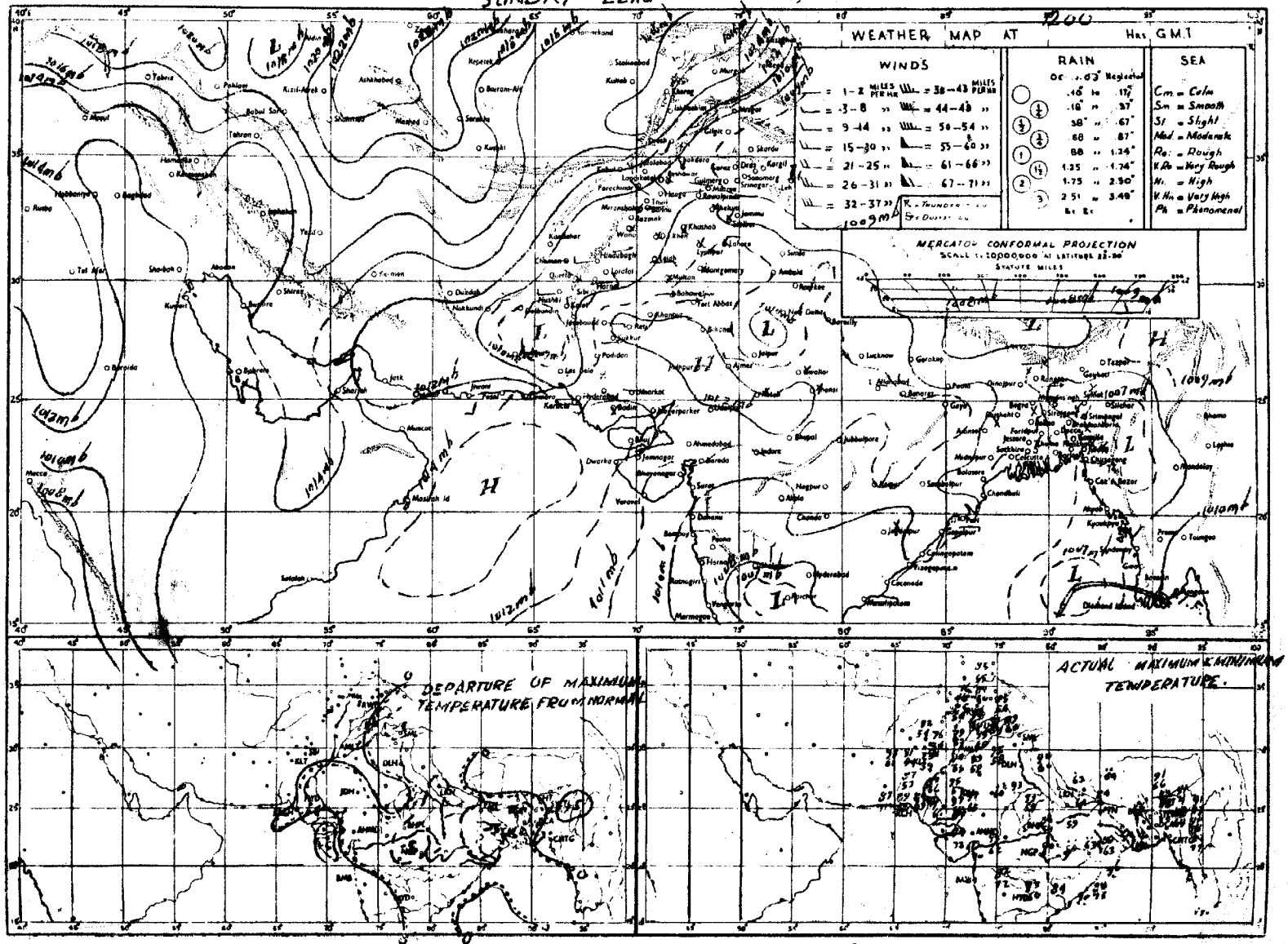
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

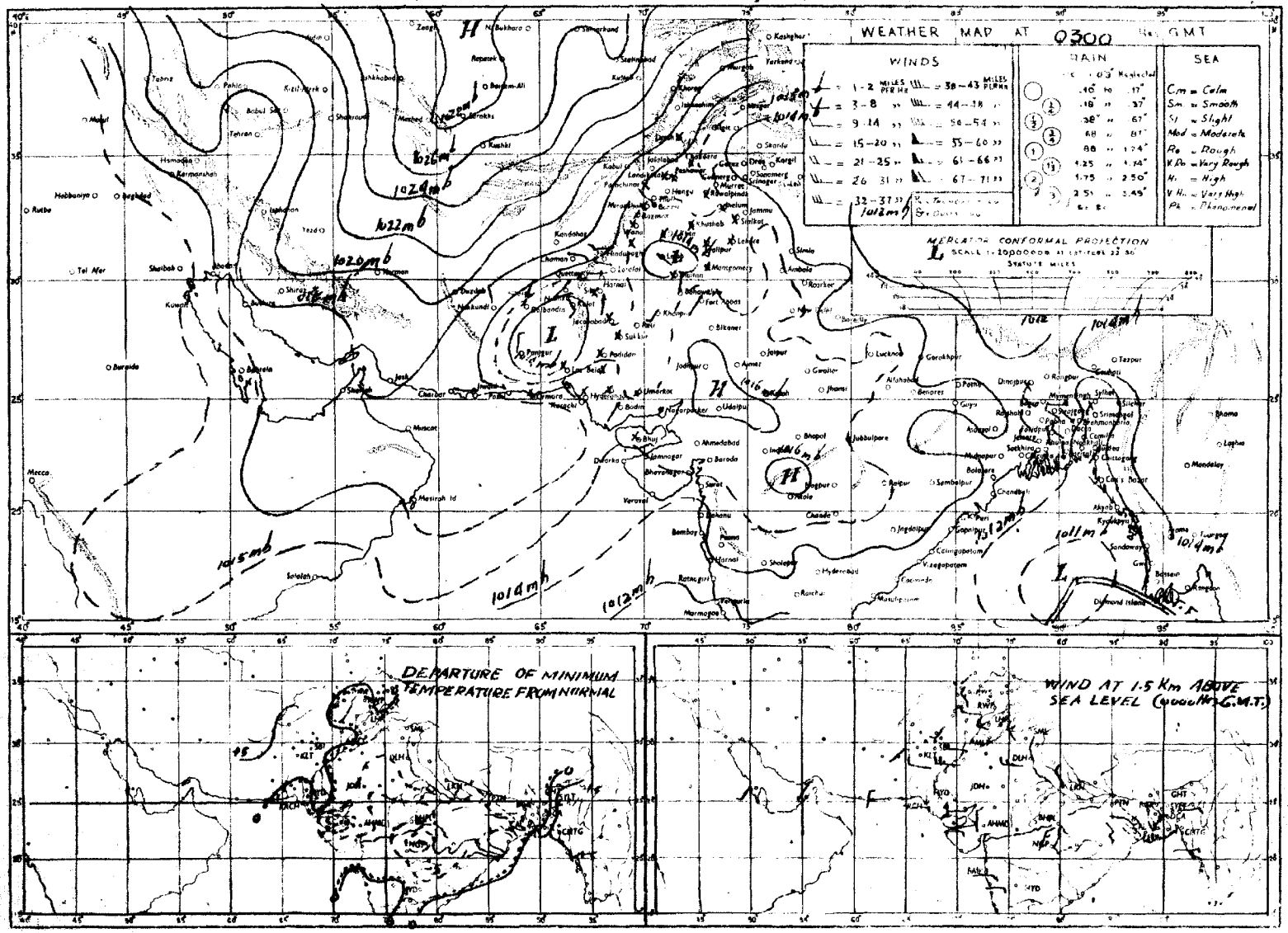
SUNDAY 22nd OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 23rd OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 24th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Ships observations are lacking but believe yesterday's well marked low moved northwards and lies in the northeast Bay of Bengal close to Arakan-Chittagong coast. It is likely to move in a northeasterly direction.

Rain/thundershowers have been fairly widespread in Chittagong division.

The western disturbance north of Kashmir moved away eastwards.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are: Cox's Bazar 4"; Srimangal 1"; Comilla 1/2" and Chittagong 1/4".

Night temperatures were 3 to 7 °F below normal in Kalat, Multan and D. I. Khan divisions and 3 to 5 °F above normal in Chittagong division.

Forecast valid until the evening of 25th October, 1961:—Rain/thundershowers will be local in Chittagong division and scattered in Rajshahi and Khulna divisions. Weather will be dry elsewhere over the country.

Karachi-11
The 24th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Low Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June, 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wx	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TaTa	TxTn	TaTa				
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	4	9	18	05	xx	00	9	111	79	9	x	0	x	x	46	90	010	0	7	23	02	98	61	6	157	77	4	7	3	1	0	76	77	—	5	113.3	—	120.7	—
	Cox's Bazar	066	8	8	09	00	xx	51	9	095	80	4	5	5	7	x	73	82	420	9	8	02	09	57	61	6	118	73	1	7	4	2	x	72	71	+	2	165.3	+ 30.4	178.3	140
	Chittagong	000	0	7	00	00	xx	17	2	100	81	6	7	6	4	2	76	87	019	7	8	05	02	96	62	6	145	76	8	6	4	x	x	75	75	+	1	123.7	+ 40.9	164.7	108
	Maidan Court	010	2	6	09	00	xx	03	6	102	77	6	7	5	5	0	73	89	010	9	6	00	02	97	03	6	144	80	5	5	6	2	0	76	76	+	4	85.4	— 5.8	123.6	115
	Comilla	014	1	8	27	09	96	61	9	001	83	2	2	4	x	x	76	89	050	0	8	36	09	97	03	0	134	82	8	4	5	0	0	68	74	+	2	62.2	— 6.5	76.5	94
	Brahmanbaria	000	0	4	00	00	xx	03	1	xxx	85	2	2	1	5	0	78	90	000	0	5	05	02	97	03	1	145	82	5	0	9	4	0	75	71	—	—	49.6	— 4.2	65.2	78
	Sylhet	000	0	1	00	00	xx	02	0	082	85	1	2	6	4	0	78	91	000	0	6	09	05	97	02	2	139	84	1	2	6	5	0	76	75	—	—	99.9	—	—	—
	Srimangal	000	0	3	00	00	55	13	0	xxx	84	3	6	4	0	0	78	93	095	3	7	09	02	96	02	2	xxx	84	0	0	6	5	4	0	75	74	+	4	35.7	— 27.9	51.4	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	085	87	0	0	0	9	0	77	91	000	0	0	00	00	97	00	0	146	83	0	0	9	0	0	77	76	+	5	45.1	— 29.5	61.4	91
	Narayanganj	000	9	4	00	00	xx	03	0	099	85	1	2	4	0	0	74	91	000	9	7	01	00	95	03	1	142	82	3	5	4	7	0	77	72	+	4	58.9	+ 6.2	61.9	74
	Dacca (Tezgaon)	000	0	2	00	00	97	13	0	094	82	1	3	6	0	1	75	80	000	0	4	00	03	97	01	2	136	81	2	5	6	3	0	77	75	—	—	57.2	—	80.9	—
	Faridpur	000	0	2	24	02	96	01	0	100	83	2	0	9	0	8	76	87	000	0	5	34	02	97	42	1	139	81	3	5	6	0	1	74	72	+	1	48.2	— 11.8	86.0	71
Khulna	Barisal	000	0	4	00	00	96	03	0	098	85	4	0	9	9	0	74	9	000	0	4	00	00	97	02	2	141	83	4	0	9	6	0	77	76	+	3	60.0	— 1.0	75.1	81
	Khulna	000	0	0	00	00	xx	00	0	103	83	0	0	9	0	0	74	88	000	0	3	00	00	96	01	1	145	83	3	5	7	0	0	74	73	—	—	43.7	— 8.7	55.3	68
	Satkhira	000	0	4	00	00	96	03	0	110	83	2	4	7	3	0	71	89	000	0	2	00	00	97	01	2	148	82	1	1	7	3	0	73	70	—	—	40.2	— 9.9	61.8	65
	Jessore	000	0	0	36	03	97	00	0	091	85	0	0	9	1	0	72	88	000	0	2	36	05	97	01	0	148	80	0	0	9	0	2	73	69	+	1	44.1	— 3.5	55.1	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	095	85	0	0	9	0	0	73	87	000	0	1	31	05	98	03	0	146	80	0	0	9	0	1	71	73	—	—	36.9	—	41.3	59
	Sirajganj	000	0	0	00	00	97	00	0	092	83	0	0	9	0	0	76	91	000	0	0	00	00	97	00	0	145	81	0	0	9	0	0	74	72	+	5	34.8	— 14.5	48.1	64
	Bogra	000	0	0	34	02	96	00	0	096	85	0	0	9	0	0	76	89	000	0	0	36	03	97	02	0	146	79	0	0	9	0	0	72	72	+	3	43.9	— 11.0	51.5	69
	Dinajpur	000	0	0	00	00	xx	00	0	094	84	0	0	9	0	0	72	90	000	0	0	00	00	96	00	0	157	83	0	0	9	0	0	68	69	+	4	36.9	— 23.3	51.4	72
	Rangpur	000	0	0	00	00	96	01	0	092	82	0	0	9	0	0	75	88	000	0	0	36	02	96	02	0	157	77	0	0	9	0	0	70	67	+	2	53.7	— 13.1	59.9	84
Kashmir	Jammu	...																	...																						
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	111	87	0	0	0	0	0	59	90	000	0	0	13	02	96	02	0	164	70	0	0	9	0	0	55	59	—	4	36.2	+21.5	80.9	19
	Sialkot	000	0	0	00	00	97	00	0	108	89	0	0	9	0	0	64	89	000	0	0	00	00	97	00	0	150	74	0	0	9	0	0	58	64	—	3	27.6	— 3.8	34.7	32
Rawalpindi	Jhelum	000	0	0	09	02	97	02	0	102	83	0	0	9	0	0	62	90	000	0	0	00	00	96	02	0	169	67	0	0	9	0	0	59	58	—	—	22.5	—	34.3	—
	Rawalpindi	000	0	0	27	02	97	00	0	103	88	0	0	9	0	0	53	90	000	0	0	36	02	95	00	0	174	64	0	0	9	0	0	49	56	—	2	38.1	+14.1	51.8	36
	Campbellpur	000	0	0	23	02	98	00	0	103	88	0	0	9	0	0	49	88	000	0	0	00	00	98	00	0	169	61	0	0	9	0	0	54	54	—	0	10.0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	098	93	0	0	9	0	0	53	95	000	0	0	00	05	04	99	00	0	166	70	0	0	9	0	0	56	59	+	1	7.1	— 3.3	11.1	15
	Lyallpur	000	0	0	16	02	96	00	0	110	93	0	0	9	0	0	40	93	000	0	0	00	06	00	96	00	0	162	69	0	0	9	0	0	51	59	—	0	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	115	87	0	0	9	0	0	65	95	000	0	0	23	02	96	02	0	161	68	0	0	9	0	0	51	58	—	1	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	98	02	0	107	90	0	0	9	0	0	69	95	000	0	0	00	00	97	02	0	152	73	0	0	9	0	0	49	64	—	1	5.5	+ 0.5	7.6	7
	Leiah	000	0	0	00	00	97	00	0	095	89	0	0	9	0	0	51	93	000	0	0	18	02	97	00	0	096	67	0	0	9	0	0	45	56	—	—	—	—	—	—
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	108	86	0	0	9	0	0	58	93	000	0	0	02	02	96	02	0	148	69	0	0	9	0	0	47	56	—	2	11.1	+ 6.2	12.6	6
	Bahawalpur	000	0	0	27	09	98	00	0	102	91	0	0	9	0	0	69	93	000	0	0	18	02	96	00	0	141	76	0	0	9	0	0	59	59	—	1	3.0	— 1.3	4.9	8
	Fort Abbas	000	0	0	25	02	98	00	0	112	87	0	0	9	0	0	51	95	000	0	0	00	00	98	00	0	163	78	0	0	9	0	0	46	58	—	—	3.1	—	3.1	6
Peshawar	Chakdara	000	0	0	00	00	98	00	0	084	81	0	0	9	0	0	52	87	000	0	0	00	00	97	00	0	174	59	0	0	9	0	0	41	51	—	—	12.3	—	25.3	—
	Peshawar	000	0	0	00	00	97	07	0	099	83	0	0	9	0	0	54	88	000	0	0	00	01	96	05	0	173	61	0	0	9	0	0	53	57	+	1	8.3	+ 3.7	17.3	11
	Haripur	000	0	0	03	03	97	00	0	090	84	0	0	9	0	0	64	89	000	0	0	23	02	97	00	0	168	66	0	0	9	0	0	54	56	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	098	86	0	0	9	0	0	56	88	000	0	0	31	02	99	00	0	161	63	0	0	9	0	0	49	59	—	—	5.5	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	099	91	0	0	9	0	0	65	94	000	0	0	00	00	98	00	0	156	63	0	0	9	0	0	54	57	+	1	5.1	— 0.5	7.4	9
Quetta	Sibi	000	6	0	23	02	97	30	0	111	93	0	0	9	0	0	47	97	000	2	0	00	00	95	05	4	166	66	0	0	9	0	0	49	60	—	—	3.5	—	5.6	8
Kalat	Nokkundi	000	0	0	13	03	98	02	0	100	92	0	0	9	0	0	45	95	000	0	0	36	03	98	02	0	158	67	0	0	9	0	0	29	60	—	—	0.1	—	1.0	2
	Turbat	000	0	0	23	08	98	00	0	111	94	0	0	9	0	0	56	96	000	0	0	13	00	97	00	0	148	76	0	0	9	0	0	59	xx	—	—	4.6	—	11.3	3
	Jiwani	000	0	0	25	09	97	02	0	132	85	0	0	9	0	0	66	87	000	0	0	25	03	96	02	0	160	77	0	0	9	0	0	69	73	—	—	0.3	—	3.8	5
	Pasni	000	0	0	20	10	97	00	0	124	85	0	0	9	0	0	67	92	000	0	0	25	00	96	02	0	157	77	0	0	9	0	0	67	68	—	0	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	0	0	27	05	96	00	0	114	84	0	0	9	0	0	67	87	000	0	0	00	00	96	00	0	151	75	0	0	9	0	0	70	69	—	—	4.4	+ 3.6	9.9	6
	Las Bela	000	0	0	00	00	98	00	0	109	97	0	0	9	0	0	57	98	000	0	0	00	00	98	00	0	137	74	0	0	9	0	0	51	67	—	—	0	—	0	—
	Karachi (Manora)	000	0	0	23	12	98	00	0	114	87	0	0	9	0	0	78	90	000	0	0	00	12	98	00	0	147	82	0	0	9	0	0	68	72	—	2	9.7	+ 3.7	9.8	—
	Karachi (Air Port)	000	0	0	23	09	96	02	0	118	90	0	0	9	0	0	45	94	000	0	0	00	00	96	02	0	152	68	0	0	9	0	0	61	62	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	124	91	0	0	9	0	0	78	96	000	0	0	00	00	97	00	0	153	75	0	0	9	0	0	67	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	29	01	98	02	0	114	92	0	0	9	0	0	59	97	000	0	0	23	01	97	02	0	149	76	0	0	9	0	0	63	67	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	23	02	97	02	0	107	93	0	0	9	0	0	51	90	000	0	0	00	00	97	02	0	145	75	0	0	9	0	0	66	68	+	2	12.8	+ 5.9	12.9	7
	Badin	000	0	0	23	02	97	00	0	126	93	0	0	9	0	0	55	99	000	0	0	23	02	97	00	0	159	75	0	0	9	0	0	64	68	+	4	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	27	02	97	02	0	110	94	0	0	9	0	0	44	98	000	0	0	00	00	97	02	0	142	68	0	0	9	0	0	54	59	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	111	93	0	0	9	0	0	52	98	000	0	0	00	00	97	02	0	145	66	0	0	9	0	0	59	58	—	—	0.6	—	8.3	4
	Sukkur	000	0	0	02	02	97	02	0	111	92	0	0	9	0	0	56	98	000	0	0	00	00	94	02	0	145	71	0	0	9	0	0	57	64	—	—	1.1	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	130	91	0	0	9	0	0	55	91	000	0	0	00	00	99	00	0	147	68	0	0	9	0	0	51	56	—	—	1.7	—	1.7	4
	Jacobabad	000	0	0	23	02	97	02	0	113	92	0	0	9	0	0	53	94	000	0	0	31	02	96	02	0	151	69	0	0	9	0	0	58	64	—	3	6.6	+ 4.3	8.3	4
Junagadh	Veraval	...																	...																						20
Afghanistan	Jalalabad	...																	...																						
Arabia	Muscat	...																	...																						4
	Kuwait	...																	...																						5
Kashmir	HILL STATIONS																																							
	Srinagar	...																	...																						26
	Gulmarg	...																	...																						71
	Sonamarg	...																	...																						26
	Dras	...																	...																						3
	Leh	...																	...																						6
	Skardu	...																	...																						1
	Misgar	...																	...																						5
	Aliabad	...																	...																						
	Gilgit	...																	...																						
Rawalpindi	Murree	000	0	0	31	02	98	00	0	525	56	0	0	0	9	0	0	31	69	000	0	0	27	02	98	00	0	556	53	0	0	0	9	0	0	27	49	+	4		0	47.3	+10.3	67.8	59
Peshawar	Drosh	000	0	0	13	03	98	02	0	511	75	0	0	0	9	0	0	10	86	000	0	0	00	00	98	02	0	564	55	0	0	0	9	0	0	23	54	+	10		—	4.5	—	21.5	18
	Chitral	000	0	0	00	00	98	00	0	512	74	0	0	0	9	0	0	49	81	000	0	0	05	07	98	00	0	547	54	0	0	0	9	0	0	41	55	+	5		2	15.7	+ 2.9	33.4	29
	Kakul	000	0	0	18	05	98	00	0	521	73	0	0	0	9	0	0	35	82	000	0	0	05	02	98	00	0	559	65	0	0	0	9	0	0	39	57	—	—	32.7	—	35.0	—
	Landi Kotal	000	0	0	23	02	98	00	0	514	82	0	0	0	9	0	0	17	84	000	0	0	00	00	98	00	0	531	62	0	0	0	9	0	0	45	52	—	—	—	—	—	—
D.I. Khan	Parachinar	000	0	2	13	01	99	02	0	424	75	2	0	0	9	2	0	15	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+	5				29
	Miranshah	000	0	0	00	00	99	00	0	511	84	0	0	0	9	0	0	39	87	000	0	0	00	00	99	00	0	513	60	0	0	0	9	0	0	27	55	—	—	3.1	— 1.7	7.7	13
	Wana	000	0	0	00	00	99	00	0	517	78	0	0	0	9	0	0	38	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	532	82	0	0	0	9	0	0	26	84	000	...	...	...	00	00	99	02	0	552	59	0	0	0	9	0	0	22	49	+	2		0	5.1	+ 0.1	11.2	11
	Hindubagh	000	0	0	13	03	97	00	0	491	77	0	0	0	9	0	0	41	79	000	...	...	...	00	02	97	00	0	552	52	0	0	0	9	0	0	27	52	—	—		—	0.7	—	5.6	—
	Loralai	000	0	0	18	05	98	00	0	350	75	0	0	0	9	0	0	26	76	000	...	...	...	00	02	99	00	0	525	53	0	0	0	9	0	0	25	51	—	—		—	0.7	—	5.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	9	0	0	xx	xx	000	...	...	...	00	02	95	00	0	xxx	xx	0	0	0	9	0	0	xx	xx				—	21.1	+13.4	34.7	—
	Quetta	000	0	0	00	00	98	00	0	506	75	0	0	0	9	0	0	45	77	000	...	...	...	00	00	96	00	0	544	53	0	0	0	9	0	0	25	54	—	—		—	1.6	+ 0.5	6.2	9
	Chaman	000	0	0	27	05	98	00	0	508	81	0	0	0	9	0	0	10	83	000	...	...	...	00	03	96	00	0	538	45	0	0	0	9	0	0	20	54	+	4		2	0.7	+ 0.3	6.2	8
	Nushki	000	0	0	27	09	98	02	0	564	86	0	0	0	9	0	0	39	88	000	...	...	...	00	09	98	02	0	559	72	0	0	0	9	0	0	38	65	—	—		—	3.8	—	3.8	4
	Dalbandin	000	0	0	09	05	98	02	0	534	87	0	0	0	9	0	0	30	91	000	...	...	...	00	00	98	02	0	519	86	0	0	0	9	0	0	21	50	+	4		1	1.3	—	2.7	—
Kalat	Kalat	000	6	8	34	02	98	00	0	475	71	0	0	0	9	0	0	37	76	000	0	0	31	03	98	00	0	519	50	0	0	0	9	0	0	13	32	+	2		—	1.2	— 0.1	12.9	7
Afghanistan	Panjgur	000	0	0	36	02	98	02	0	525	87	0	0	0	9	0	0	38	88	000	0	0	05	05	98	02	0	529	62	0	0	0	9	0	0	18	50	+	2		4	2.0	—	5.0	5
	Kabul	...																	...																						12
	Kandhar	...																	...																						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 24th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Daressa	23 248	652 00	0 27 07	98 0 20	153 82	00 9 00	25 4 03	...	00 1 77	...
Sumida	23 703	756 30	7 09 08	97 2 58	096 82	76 4 xx	27 7 04	...	05 0 79	...
Chakrata	23 240	616 00	0 99 02	98 0 20	154 79	00 9 00	65 x xx	...	05 4 63	13 1 23
Cercal	23 199	668 00	0 36 07	98 0 07	154 82	00 9 00	75 0 01	...	00 2 75	13 6 xx
Isocardia	23 232	593 03	0 15 04	98 0 20	170 84	05 9 00	76 7 80	...	05 2 68	11 5 21
Isocardia ... — ...	23 226	598 06	1 00 00	98 0 20	190 82	11 5 00	76 4 00	...	05 1 68	10 0 x0
Express	23 211	688 06	0 02 12	98 0 20	152 87	00 0 00	36 0 07	...	00 5 70	10 2 32
Heemskerk	23 179	572 06	2 07 13	98 0 23	160 81	21 3 00	16 2 12	...	05 1 72	10 7 22
Rijnkerk	23 117	559 06	2 07 05	98 0 23	129 82	00 7 04	56 2 05	...	00 1 70	10 2 31
Chakrata	23 237	620 06	0 17 05	98 0 20	173 84	00 9 00	65 x xx	...	00 1 64	13 1 20
Caltex Arnhein	23 178	587 36	2 07 10	99 c 20	158 65	22 4 03	00 0 22	...	10 7 72	14 9 xx
Reinkerk	23 101	549 12	3 06 05	98 0 30	098 82	00 7 74	56 6 24	...	05 3 72	10 6 21
Isocardia	23 238	588 12	0 08 03	98 0 20	165 82	00 9 00	76 6 15	...	05 3 63	10 8 27
Heemskerk	23 180	586 12	1 06 09	98 c 20	113 81	11 3 00	16 6 42	...	06 2 72	16 6 21
Caltex Arnhein	23 189	595 42	3 04 08	99 0 30	130 77	31 4 00	04 4 13	...	10 4 70	10 8 33
Caltex Annhein	23 208	599 48	2 09 08	99 0 20	155 81	22 5 00	05 1 20	...	10 7 70	11 2 xx
Daressa	23 239	671 18	0 25 03	98 0 20	157 82	03 9 00	45 4 02	...	00 6 76	...
Iscardia	23 245	062 18	0 00 00	98 1 20	165 64	00 9 00	86 4 00	...	05 5 68	10 0 x0
BAY OF BENGAL										
Jalamayour	23 201	878 12	3 33 09	97 0 20	116 81	30 9 05	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	010 255 242	...	...	150 192 152	..	314 065 025	439 028 518	584 565 998	755 668 995	965 820	240 998	...	...
Jiwani ...														
Karachi ...	00 00	011 215 185	121 265 212	...	150 205 995	...	318 082 992	443 015 995	588 572 995	757 692 992	966 812	242 608	424 132	668 212
Lahore ...	00 00	990 222 142	...	...	151 162 055	...	316 080 533	441 015 562	591 568 995	758 655 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 162 082	...	...	149 198 012	...	316 112 612	443 032 662	587 582 772	756 700 990	963 835	244 938	...	...
Quetta ...	00 00	835 055 552	MISDA	...	...	.	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 208 112	800 162 122	570 002 578	557 528 622	...	...	...		...	557 528 622	...	...
Jiwani ...													
Karachi ...	00 00	900 26x xxx	800 17x xxx	350 75x xxx	250 91x xxx	...	...	...	...	...	250 91xxxx	...	...
Lahore ...	00 00	900 205 102	800 120 040	...	...	...	...	...	...	...	800 120 040	...	...
Multan ...													
Peshawar ...	00 00	934 215 112	907 218 082	830 175 538	...	...	...	...	...	...	830 175 538	...	...
Quetta ...	00 00	MISDA	...	...	...	—	..	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	32 10	35 09	03 07	14 07	13 13	11 03	23 06	34 06	29 22
Chaklala ...	...	07 07	10 05	32 06	32 08	29 10	29 19	28 23	28 02
Chhor ...	24 03	21 35	19 03	24 03	20 04	11 04	13 08	20 10	23 23
Chittagong ...	22 10	19 09	18 12	19 08	xx xx	12 05	07 13	...	...
Cox's Bazar ...	05 06	96 04	...	...	...	...	...	...	...
Dacca ...	31 07	31 06	31 04	10 07	07 10	19 03	33 07	35 13	35 15
Dalbandin ...	...	...	08 06	07 12	07 11	36 10	25 09	18 07	22 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 02	22 10	34 03	35 04	04 05
Fort Sandeman ...	...	...	...	32 04	30 02	17 05	25 09	26 11	...
Jacobabad ...	25 04	25 02	34 02	05 02	02 06	31 05	26 11	23 09	25 10
Jessore ...	32 09	33 08	32 08	31 12	15 07	19 08	34 09	33 13	35 13
Jhelum ...	11 02	27 04	29 06	34 05	34 06	31 16	28 15	28 21	28 27
Jiwani ...	24 09	24 09	21 06	14 03	05 08	06 11	06 08	04 05	01 06
Karachi ...	28 14	29 08	30 06	28 03	04 02	12 08	14 12	14 20	12 18
Khanpur ...	24 08	24 06	23 08	25 04	26 01	04 04	26 04	25 08	26 08
Lahore ...	30 03	29 06	28 06	33 08	33 19	35 06	30 11	31 17	28 17
Multan ...	18 06	19 35	19 05	07 03	09 04	09 06	34 03	29 04	24 07
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	28 02	17 02	06 04	19 09	18 14	21 07
Peshawar ...	...	05 07	17 07	25 09	27 09	29 17	32 13	34 18	35 24
Quetta ...	...	...	...	...	25 03	20 05	24 07	24 09	21 05
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 03	08 03	08 08	09 12	06 13	05 07	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	36 11	35 12	33 09	05 07	06 06	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	24 09	21 08	17 08	19 05	30 04	23 02
Chittagong ...	No	Ascent	..	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	02 09	03 09	06 07	03 09	06 09	10 09
Dalbandin ...	...	...	10 91	07 06	36 03	30 11
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	07 01	02 05	04 10
Fort Sandeman ...	...	...	...	28 02	25 07	08 06
Jacobabad ...	09 10	xx xx	20 06	11 04	02 09	31 06
Jessore ...	34 15	34 12	01 10	01 14	05 06	09 05
Jhelum ...	03 05	13 07	16 06	22 03	26 05	25 08
Jiwani ...	28 08	29 07	29 05	03 03	09 09	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	23 04	19 05	19 10	20 16	19 23	...
Lahore ...	23 03	29 06	29 03	34 03	01 07	31 06
Multan ...	19 11	19 12	21 13	15 10	11 12	10 04
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	27 04	04 06	02 05
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	27 02	28 04
Sharjah ...	...	...	...	...	...	...
Sylhet ...	08 05	08 12	06 12	07 14	07 13	08 15
Veraval ...	...	...	...	...	...	

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	36 07	36 07	36 09								
Chaklala ...	...	12 01	13 04	29 04	31 04	29 08	24 21	23 24	24 25	24 27	24 41
Chhor ...	18 05	18 08	19 05	28 07	28 05	17 07	14 10	23 08	25 13	25 22	...
Chittagong ...	05 21	08 25	08 24	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	07 12	07 12	07 12	07 13	07 15	08 15	xx xx	02 10	01 11	...	...
Dalbandin ...	...	...	08 06	14 05	23 03	31 07	21 20	22 19	22 17	23 24	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 03	28 01	20 10	16 24	17 16	21 22	24 32
Fort Sandeman ...	...	...	...	27 03	09 01	18 05	21 12	24 18	23 28	25 31	...
Jacobabad ...	07 02	18 03	18 03	04 02	02 05	20 04	19 15	22 16	26 21	25 30	26 29
Jessore ...	35 08	36 17	03 13	03 14	05 46	07 10	06 10	03 10	...	...	...
Jhelum ...	11 01	13 07	13 07	29 03	33 07	32 08	25 19	24 21	23 19	22 23	24 32
Jiwani ...	23 05	26 03	24 03	33 01	01 05	06 14	35 10	27 16	26 25	27 23	...
Karachi ...	29 12	29 12	28 14	25 14	23 09	09 12	15 17	15 18	26 06	29 18	...
Khanpur ...	23 10	23 15	23 15	21 13	20 10	18 04	09 10	18 12	28 10	...	...
Lahore ...	18 01	31 02	29 06	27 04	11 03	36 08	26 03	24 07	24 09	23 11	23 18
Multan ...	18 08	20 10	20 11	17 07	13 13	13 09	25 11	25 15	26 15	26 18	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	16 01	10 36	08 05	17 10	25 08	26 12	26 13	...
Peshawar ...	...	36 08	33 03	21 06	28 10	28 10	33 21	35 29	01 35	...	...
Quetta ...	...	...	...	...	26 02	15 05	23 17	23 21	23 25	23 37	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 10	13 08	15 11	16 10	09 03	12 12	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 07	02 08	04 06	04 07	04 11	07 09	09 07	02 04	01 07	01 07	26 08	25 13	36 10	...	...	...	...	...
Karachi ...	28 17	27 21	24 15	29 10	14 09	08 11	11 10	11 15	18 09	24 12	25 23	25 34	25 33	26 19	32 27	21 29	17 15	17 17
Peshawar ...	...	32 07	32 08	35 05	28 09	27 08	31 11	27 31	26 44	26 47	26 57	26 85	26 30	26 44	...	...	...	...
Quetta ...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...

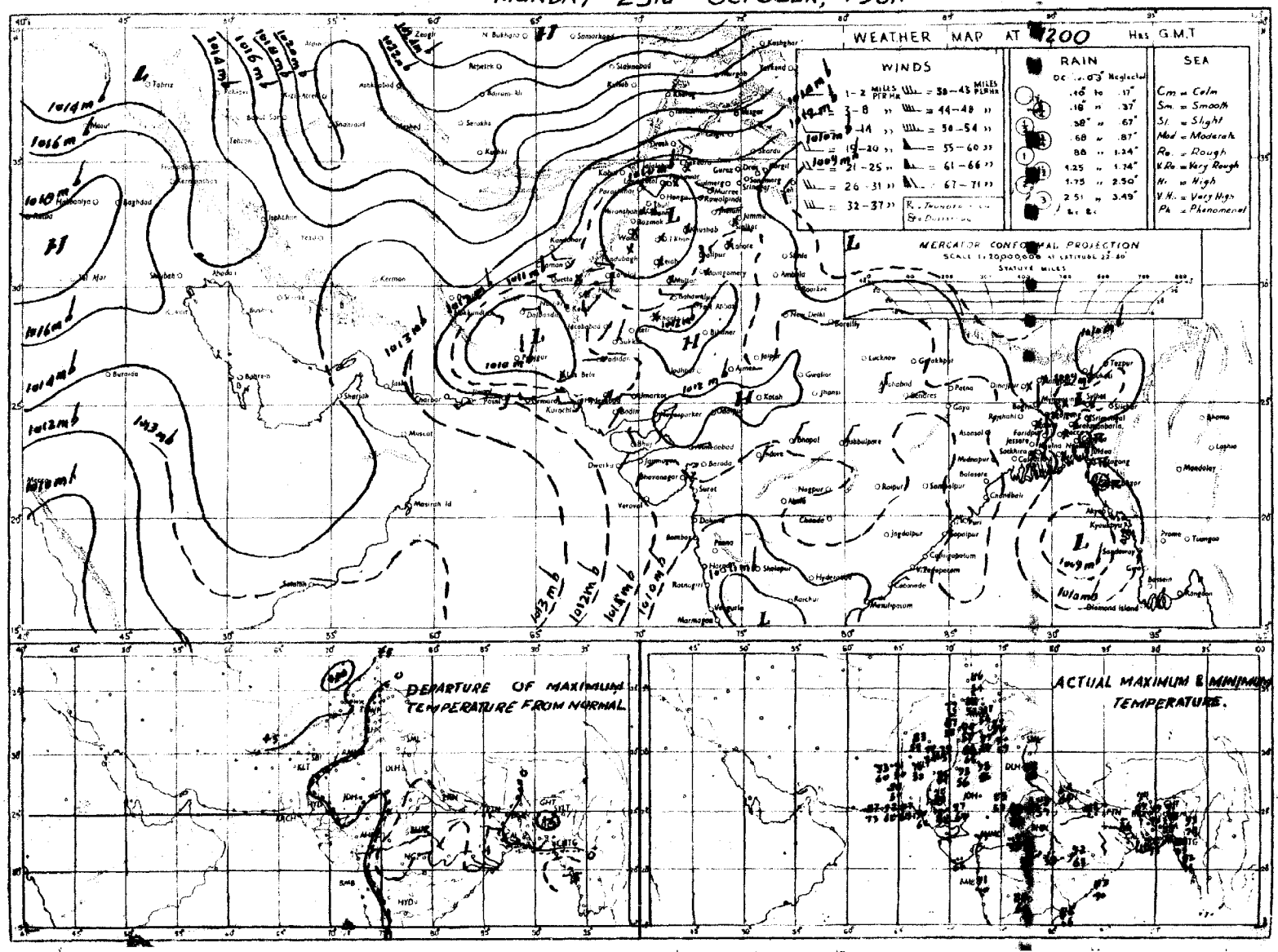
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

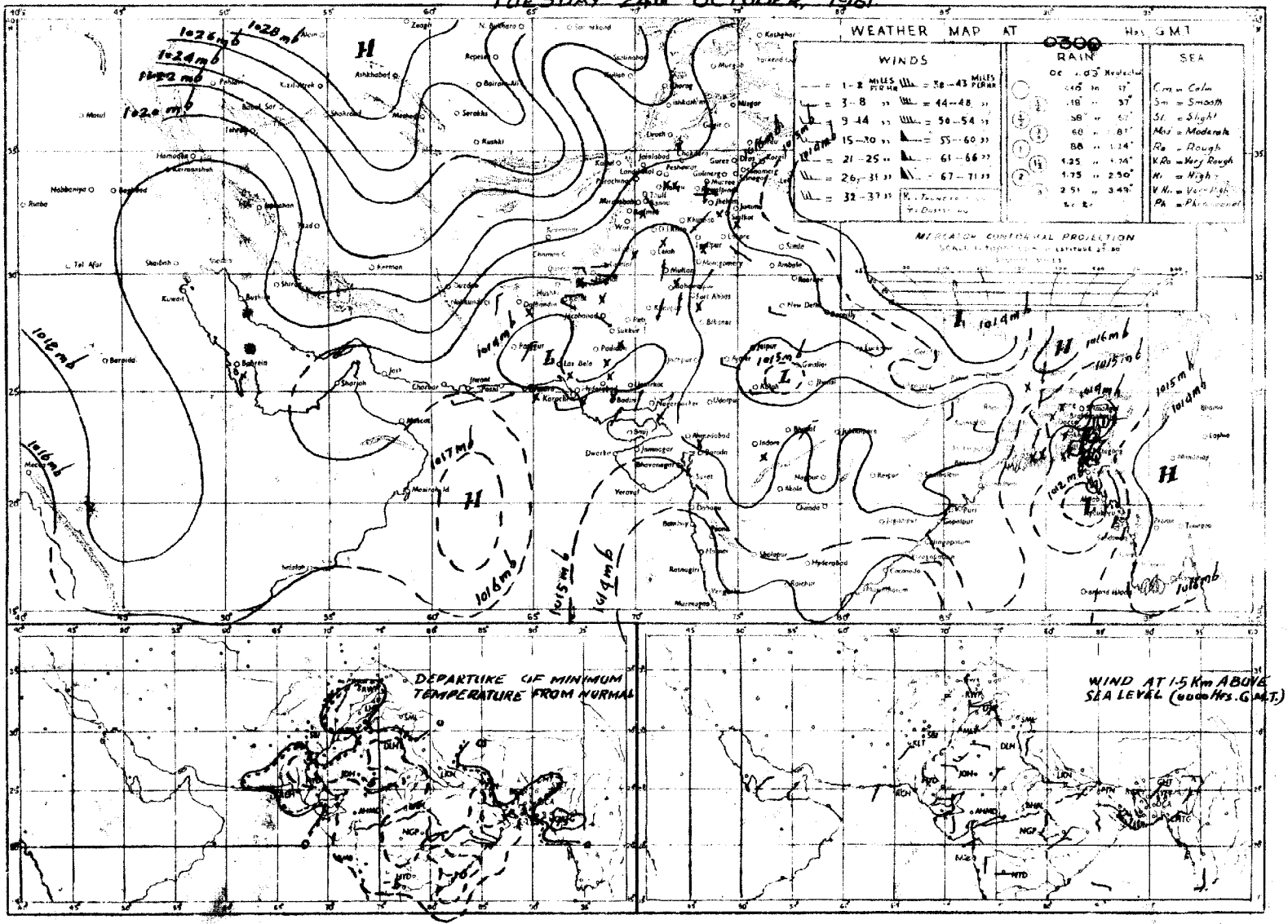
MONDAY 23rd OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 24th OCTOBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 25th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Ships observations are lacking and from coast meagre but believe yesterday's well marked low intensified during the night and now lies as a depression centred at 25,0300 hrs G.M.T. with in half a degree of latitude 21°N and longitude 91°E. It is likely to move in a northnortheasterly direction and cross coast close to Chittagong this evening or night.

Under its influence rain/thundershowers have been fairly widespread in Dacca and Khulna divisions and local with a few heavy falls in Chittagong division.

A western disturbance is moving across east Russian Turkistan.

Weather continued to be dry over West Pakistan.

Chief amounts of rainfall are: Cox's Bazar 6"; Chittagong 5"; Faridpur 2"; Khulna 3/4"; Rangamati, Maijdee Court, Comilla, Barisal and Jessore 1/2" each and Narayanganj 1/4".

Night temperatures were 3 to 5 °F below normal in D. I. Khan, Sargodha and adjoining Multan division and 3-6°F above normal in East Pakistan outside coastal districts and in coastal Kalat division.

Forecast valid until the evening of 26th October, 1961:—Rain/thundershowers will be fairly widespread in Chittagong division and local in Dacca and Khulna divisions. Scattered thunderstorm/showers are also likely to occur in Peshawar division and Kashmir.

Heavy rainfall warning:—Locally moderate to heavy rain will fall in Chittagong division during next 24 hours.

Karachi-11
The 25th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	7	9	18	05	xx	00	6	127	79	9	x	x	x	x	72	81
	Cox's Bazar	252	2	8	20	13	xx	61	6	096	78	8	7	4	x	x	75	78
	Chittagong	007	6	8	09	25	xx	xx	x	126	75	8	7	4	x	x	72	82
	Maijdee Court	000	1	6	36	05	xx	03	8	105	83	6	2	5	0	0	78	87
	Comilla	000	0	3	00	00	96	02	1	008	87	3	3	7	0	0	75	90
	Brahmanbaria	000	0	4	00	00	xx	03	1	109	85	2	5	5	0	2	78	89
	Sylhet	000	0	0	00	00	xx	02	1	105	84	1	1	7	7	1	xx	89
	Srimangal	000	1	5	00	00	95	02	1	xxx	83	0	0	6	0	2	77	90
Dacca	Mymensingh	000	0	0	00	00	97	00	0	121	83	0	0	9	0	0	77	90
	Narayanganj	000	9	3	00	00	xx	03	1	110	82	1	5	4	3	8	76	89
	Dacca (Tezgaon)	000	9	3	00	00	97	02	0	107	83	1	3	6	4	1	77	88
	Faridpur	142	6	2	00	00	95	01	9	107	82	2	4	6	0	0	79	86
Khulna	Barisal	000	0	5	31	01	96	02	0	108	79	5	0	9	8	0	75	88
	Khulna	070	4	4	00	00	xx	01	6	107	78	4	5	6	0	0	76	88
	Satkhira	000	0	6	00	00	94	03	1	113	80	4	4	7	3	0	73	89
	Jessore	000	0	4	36	05	96	02	2	114	85	3	4	6	6	0	72	88
Rajshahi	Pabna	000	0	2	00	00	xx	03	1	111	83	1	0	9	8	1	77	87
	Sirajganj	000	0	0	00	00	95	00	0	128	82	0	0	9	0	0	75	90
	Bogra	000	0	4	00	00	95	02	0	109	85	4	4	5	0	0	75	89
	Dinajpur	000	0	0	00	00	xx	00	0	104	85	0	0	9	0	0	72	90
	Rangpur	000	0	1	00	00	96	01	0	110	83	1	2	6	0	0	76	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	133	85	0	0	9	0	0	61	90
	Sialkot	000	0	0	00	00	97	00	0	126	83	0	0	9	0	0	62	90
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	126	84	0	0	9	0	0	63	91
	Rawalpindi	000	0	0	00	00	98	00	0	127	80	0	0	9	0	0	59	88
	Campbellpur	000	0	0	00	00	98	00	0	118	85	0	0	9	0	0	47	87
Sargodha	Khushab	000	0	0	00	00	99	00	0	135	89	0	0	9	0	0	48	93
	Lyallpur	000	0	0	00	00	96	00	0	118	84	0	0	9	0	0	61	85
Multan	Montgomery	000	0	0	00	00	96	00	0	137	83	0	0	9	0	0	57	93
	Multan	000	0	0	00	00	98	02	0	128	91	0	0	9	0	0	55	94
	Leiah	000	0	0	18	03	97	00	0	135	89	0	0	9	0	0	51	93
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	128	93	0	0	9	0	0	48	xx
	Bahawalpur	000	0	0	27	01	98	00	0	992	94	0	0	9	0	0	69	95
	Fort Abbas	000	0	0	00	00	98	00	0	132	90	0	0	9	0	0	52	97
Peshawar	Chakdara	000	0	0	00	00	98	00	0	114	80	0	0	9	0	0	46	83
	Peshawar	000	0	1	00	00	96	05	0	130	82	0	0	9	0	1	59	84
	Haripur	000	0	0	13	03	97	00	0	126	81	0	0	9	0	0	61	84
D.I. Khan	Bannu	000	0	0	09	02	99	00	0	111	85	0	0	9	0	0	54	86
	D. I. Khan	000	0	0	00	00	98	00	0	135	91	0	0	9	0	0	45	92
Quetta	Sibi	000	6	0	23	03	98	00	0	118	91	0	0	9	0	0	41	96
Kalat	Nokkundi	000	0	0	09	03	98	02	0	094	92	0	0	9	0	0	42	94
	Turbat	000	0	0	27	03	98	00	0	104	95	0	0	9	0	0	60	96
	Jiwani	000	0	0	25	07	97	01	0	135	82	0	0	9	0	0	68	86
	Pasni	000	0	0	20	10	97	00	0	127	86	0	0	9	0	0	71	90
Karachi Division	Ormara	000	0	0	27	05	96	00	0	126	86	0	0	9	0	0	09	88
	Las Bela																	
	Karachi (Manora) *	000	0	0	27	14	98	02	0	120	86	0	0	9	0	0	77	90
	Karachi (Air Port)	000	0	0	23	09	97	02	0	127	91	0	0	9	0	0	43	94
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	119	90	0	6	9	0	0	61	96
	Umerkot	000	0	0	25	01	98	02	0	116	94	0	0	9	0	0	61	98
	Hyderabad	000	0	0	23	03	97	02	0	109	95	0	0	9	0	0	47	99
	Badin	000	0	0	23	02	97	00	0	122	93	0	0	9	0	0	55	00
Khairpur	Pad-i-dan	000	0	0	36	05	97	02	0	117	93	0	0	9	0	0	50	97
	Nawabshah	000	0	0	00	00	97	02	0	130	92	0	0	9	0	0	53	98
	Sukkur	000	0	0	02	03	97	02	0	118	91	0	0	9	0	0	59	99
	Kashmore	000	0	0	00	00	99	00	0	123	93	0	0	9	0	0	50	91
	Jacobabad	000	0	0	00	00	97	02	0	121	91	0	0	9	0	0	49	95
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	537	58	0	0	9	0	0	38	46
Peshawar	Drosh *	000	0	0	23	07	98	02	0	517	76	0	0	9	0	0	33	83
	Cherat *	000	0	0	34	09	98	00	0	531	71	0	0	9	0	0	45	78
	Kakul *	000	0	0	18	03	97	00	0	xxx	72	0	0	9	0	0	38	79
	Landi Kotal *	000	0	2	13	04	97	03	0	521	74	0	0	9	0	0	44	78
	Parachinar *	000	0	2	13	01	99	00	0	525	70	2	0	9	2	0	30	74
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	526	80	0	0	9	0	0	40	83
	Wana *	000	0	0	00	00	99	00	0	505	74	0	0	9	0	0	39	81
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	532	80	0	0	9	0	0	30	83
	Hindubagh *	000	0	0	25	05	97	00	0	488	76	0	0	9	0	0	33	78
	Loralai *	000	0	0	16	03	99	00	0	348	74	0	0	9	0	0	28	79
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	524	75	0	0	9	0	0	48	77
	Chaman *	000	0	0	27	05	98	00	0	514	79	0	0	9	0	0	47	81
	Nushki *	000	0	0	31	05	98	02	0	572	84	0	0	9	0	0	32	88
	Dalbandin *	000	0	0	13	05	98	02	0	536	87	0	0	9	0	0	19	91
Kalat	Kalat *	000	0	0	34	03	98	00	0	487	68	0	0	9	0	0	37	74
	Panjgur *	000	0	0	31	02	98	02	0	526	87	0	0	9	0	0	30	88
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	054	2	7	09	05	95	61	6	142	77	4	7	3	2	x	77	74	+	—	113.3	—	121.2	—
	Cox's Bazar	601	9	8	13	03	97	61	6	127	75	4	7	4	7	x	72	72	+ 9	— 1	171.3	+56.2	18.4	140
	Chittagong	492	9	8	13	20	95	62	6	122	74	8	7	4	x	x	72	71	+ 4	— 1	128.6	+45.6	169.6	108
	Maijdee Court	040	9	8	05	05	96	03	6	128	79	5	5	5	2	x	74	74	+ 2	+ 3	85.8	— 5.6	124.0	115
	Comilla	042	0	4	36	09	97	02	2	124	81	4	4	6	0	0	74	80	+ 3	+ 9	62.7	— 6.3	76.9	94
	Brahmanbaria	000	0	3	31	03	97	01	1	137	80	3	4	5	0	0	79	75	—	—	49.6	— 4.3	65.1	78
	Sylhet	000	0	7	09	05	96	02	2	135	79	6	5	5	2	0	76	74	—	—	99.9	—	—	—
	Srimangal	000	2	4	36	03	95	01	1	xxx	83	0	0	5	4	0	xx	75	+ 1	+ 6	36.7	—28.1	50.3	90
Dacca	Mymensingh	000	0	8	27	02	97	02	1	147	80	8	7	4	x	x	76	75	+ 4	+ 3	45.1	—23.7	67.4	91
	Narayanganj	028	4	8	09	02	95	20	6	143	77	8	7	3	x	x	73	74	+ 2	0	59.2	+ 6.3	62.2	74
	Dacca (Tezgaon)	014	4	7	13	02	96	50	6	146	77	4	9	5	3	0	73	75	—	—	57.4	—	84.0	—
	Faridpur	186	0	8	16	02	96	02	6	138	80	0	5	5	0	0	73	74	0	+ 2	50.1	—10.0	87.9	71
Khulna	Barisal	045	9	6	36	05	97	03	9	132	82	4	7	6	4	0	72	73	+ 1	0	60.5	— 0.7	75.6	81
	Khulna	070	0	7	00	00	96	03	2	148	78	7	5	6	0	0	74	75	—	—	44.4	— 8.1	56.0	68
	Satkhira	000	0	8	36	02	96	03	2	146	74	6	7	4	3	0	78	73	—	—	40.1	—10.0	61.8	65
	Jessore	041	5	8	18	03	96	03	2	147	75	8	7	5	x	x	73	73	+ 1	— 1	44.5	— 3.2	55.5	65
Rajshahi	Pabna	000	0	7	31	02	96	03	1	145	80	7	0	9	5	0	76	74	—	—	36.9	—	41.3	59
	Sirajganj	000	0	2	00	00	98	03	1	142	82	2	1	5	0	0	72	74	+ 4	+ 3	34.8	—14.5	48.1	64
	Bogra	000	0	6	34	03	96	02	1	141	79	6	0	9	7	0	74	75	+ 3	+ 4	43.9	—11.1	51.5	69
	Dinajpur	000	0	0	00	00	96	00	0	142	86	0	0	9	0	9	69	70	+ 4	0	34.9	—23.3	81.4	73
	Rangpur	000	0	0	36	02	96	01	1	147	79	0	0	9	0	0	72	71	+ 3	+ 2	53.7	—13.2	89.9	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	167	67	0	0	9	0	0	58	59	— 4	+ 1	36.2	+21.5	50.9	19
	Sialkot	000	0	0	00	00	97	00	0	154	76	0	0	9	0	0	57	62	— 2	+ 1	27.6	+ 3.8	34.7	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	157	65	0	0	9	0	0	56	58	—	—	22.5	—	34.3	
	Rawalpindi	000	0	0	00	00	98	10	0	171	62	0	0	9	0	0	51	56	— 1	0	38.1	+14.1	51.8	36
	Campbellpur	000	0	0	00	00	98	00	0	160	63	0	0	9	0	0	50	52	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	159	69	0	0	9	0	0	55	58	— 1	— 4	7.1	— 3.3	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	152	70	0	0	9	0	0	56	58	— 6	— 3	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	157	62	0	0	9	0	0	48	58	— 3	— 5	4.6	— 2.9	10.1	10
	Multan	000	0	0	00	00	97	02	0	147	73	0	0	9	0	0	46	61	— 0	— 1	5.5	+ 0.5	7.6	7
	Leiah	000	0	0	18	02	97	00	0	172	66	0	0	9	0	0	39	56	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	05	02	96	02	0	145	70	0	0	9	0	0	51	55	x	— 4	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	153	76	0	0	9	0	0	47	60	+ 1	— 1	3.0	— 1.3	4.9	6
	Fort Abbas	000	0	0	16	02	98	00	0	160	75	0	0	9	0	0	52	62	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	167	59	0	0	9	0	0	41	52	—	—	12.2	—	25.3	—
	Peshawar	000	0	0	00	00	96	02	0	178	xx	0	0	9	0	0	52	57	— 3	— 3	8.3	+ 3.7	17.3	13
	Haripur	000	0	0	23	02	97	00	0	161	65	0	0	9	0	0	44	57	—	—	27.2	—	28.6	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	163	61	0	0	9	0	0	47	58	—	—	5.8	—	12.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	159	62	0	0	9	0	0	55	58	— 1	— 3	5.1	— 0.5	7.4	9
Quetta	Sibi	000	2	0	00	00	95	05	4	054	67	0	0	9	0	0	48	61	—	—	3.3	—	5.6	5
Kalat	Nokkundi	000	0	0	34	03	98	02	0	150	69	0	0	9	0	0	39	61	—	—	0.8	—	1.8	4
	Turbat	000	0	0	23	00	97	00	0	147	77	0	0	9	0	0	71	xx	—	—	4.8	—	11.3	—
	Jiwani	000	0	0	00	00	96	03	0	150	76	1	6	5	0	0	70	70	—	—	0.3	—	3.0	5
	Pasni	000	0	0	29	02	97	00	0	147	74	0	0	9	0	0	71	72	— 2	+ 5	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	0	0	27	05	96	00	0	141	79	0	0	9	0	0	74	73	—	—	4.4	+ 3.6	9.9	6
	Las Bela			0																				
	Karachi (Manora) *	000	0	0	31	05	97	02	0	141	75	0	0	9	0	0	69	72	+ 2	+ 2	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	00	00	96	28	4	147	69	0	0	9	0	0	67	65	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	142	72	0	0	9	0	0	62	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	20	01	97	02	0	136	75	0	0	9	0	0	73	65	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	00	00	97	02	0	141	73	0	0	9	0	0	61	60	+ 1	— 2	12.0	+ 5.9	12.9	7
	Badin	000	0	0	23	02	97	00	0	149	72	0	0	9	0	0	67	68	+ 5	0	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	000	0	0	31	02	97	02	0	130	65	0	0	9	0	0	52	58	—	—	9.6	—	41.1	—
	Nawabshah	000	0	0	00	00	97	02	0	139	67	0	0	9	0	0	54	61	—	—	0.6	—	8.8	—
	Sukkur	000	0	0	16	03	95	02	0	142	71	0	0	9	0	0	53	67	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	00	00	98	00	0	147	68	0	0	9	0	0	51	55	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	00	00	97	02	0	149	69	0	0	9	0	0	53	64	— 2	0	6.6	+ 4.3	8.3	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar **																							28
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							36
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	551	51	0	0	9	0	0	34	46	+ 1	— 3	47.3	+10.2	67.8	59
Peshawar	Drosh *	000	0	0	00	00	98	02	0	552	55	0	0	9	0	0	29	55	+ 7	+ 3	4.5	—	21.5	18
	Cherat *	000	0	0	00	00	98	00	0	537	62	0	0	9	0	0	37	57	+ 2	0	15.3	+ 2.9	33.4	29
	Kakul *	000	0	0	34	03	97	00	0	549	62	0	0	9	0	0	37	57	—	—	32.7	—	35.0	—
	Landi Kotal *	000	0	0	00	00	97	00	0	525	59	0	0	9	0	0	43	51	—	—	—	—	—	—
	Parachinar *	000	0	0	00	00	99	00	0	542	49	0	0	9	0	0	33	46	0	—	—	—	—	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	518	48	0	0	9	0	0	27	54	—	—	3.1	— 1.7	7.7	13
	Wana *	000	0	0	00	00	99	00	0	505	54	0	0	9	0	0	29	46	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	549	55	0	0	9	0	0	29	51	+ 1	+ 2	5.1	+ 0.1	11.2	11
	Hindubagh *	000	0	0	27	01	97	00	0	540	51	0	0	9	0	0	25	40	—	—	0.7	—	5.6	—
	Loralai *	000	0	0	23	02	99	00	0	333	54	0	0	9	0	0	27	31	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	—	14
	Quetta *	000	0	0	00	00	96	00	0	540	54	0	0	9	0	0	14	37	—	—	1.6	+ 0.5	4.2	8
	Chaman *	000	0	0	13	05	98	00	0	537	67	0	0	9	0	0	20	55	+ 2	+ 3	0.7	+ 0.3	5.3	8
	Nushki *	000	0	0	05	13	98	02	0	556	69	0	0	9	0	0	25	62	—	—	1.1	—	3.8	—
	Dalbandin *	000	0	0	02	03	98	02	0	527	63	0	0	9	0	0	25	50	+ 4	+ 1	1.3	—	2.7	4
Kalat	Kalat *	000	0	0	16	02	98	00	0	512	50	0	0	9	0	0	15	41	0	+ 2	1.2	— 0.1	12.9	7
	Panjgur *	000	0	0	05	05	98	02	0	526	41	0	0	9	0	0	26	46	+ 2	— 1	2.0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 25th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	33 095	655 00	3 36 04	98 0 20	104 82	32 4 00	68 4 03	...	05 5 73	13 6 21
Daressa	33 229	681 00	1 36 03	98 0 20	142 82	00 9 05	35 4 00	...	00 0 72	...
Caltex arnhem	33 237	590 06	0 20 02	99 0 20	170 86	00 9 00	...	...	00 1 60	12 0 21
Rynkerk	33 057	518 06	4 02 13	98 0 11	130 84	32 3 01	56 2 14	...	00 2 75	10 0 21
Isocardia	33 263	549 06	1 03 02	98 0 20	190 84	11 5 00	...	...	06 1 59	10 0 x0
Heemskerk	33 217	627 06	1 04 04	98 0 20	171 81	11 8 00	16 2 22	...	00 2 66	10 4 23
Hamiskark	33 180	586 12	1 06 09	98 0 20	131 81	11 3 00	16 6 12	...	05 2 72	10 6 21
Serenia	33 224	600 12	0 05 09	99 0 23	141 80	00 9 00	36 6 12	...	00 0 69	11 5 21
Caltex Arnhem	33 250	578 12	0 25 10	98 0 23	194 86	00 9 00	...	...	00 1 73	12 5 21
Heemskerk	33 238	655 18	0 31 02	98 0 20	135 81	00 9 00	15 2 00	...	05 3 x2	13 1 30
Oranja	33 106	595 18	5 03 11	98 0 23	128 82	32 4 04	68 1 18	...	05 4 75	10 3 22
BAY OF BENGAL										
Fakeerji Cowasjee	32 211	917 12	8 20 18	96 0 25	075 78	83 3 xx	...	...	...	...
Molenkirk	32 136	926 12	7 15 05	98 1 51	128 81	47 4 20	15 305	...	05 2 75	11 5 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...	...													
Chittagong ...	...													
Dacca ...	23 00	011 258 235	105 222 185	...	149 188 122	...	311 062 052	436 008 508	580 585 625	...	...	...	...	...
Jiwani ...	...													
Karachi ...	00 00	010 230 222	108 228 212	...	149 172 515	...	313 025 999	438 505 999	584 578 999	752 645 999	959 038	233 022	415 132	656 202
Lahore ...	00 00	990 225 175	135 xxxxxx	...	149 185 085	...	315 058 558	439 505 999	583 580 999	751 530 999	...	...	...	...
Multan ...	...													
Peshawar ...	...			...		...							...	...
Quetta ...	00 00	835 062 525	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...	...												
Chittagong ...	...												
Dacca ...	23 00	900 165 128	800 132 105	591 000 520	...	...	...	...		...	591 000 520	...	...
Jiwani ...	...												
Karachi ...	00 00	900 212 022	800 135 512	...	...	...	...	...	...	...	800 135 512	...	...
Lahore ...	00 00	900 205 118	800 112 999	...	...	...	...	...	...	...	800 112 999	...	...
Multan ...	...												
Peshawar ...	...			...	...	...	...	...	...	...		...	...
Quetta ...	00 00		MISDA	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 05	35 05	08 01	08 07	06 10	09 08	07 10	06 12	05 07	36 23	36 14	02 09	06 09	05 08	06 13	xx xx	01 07	04 07	07 03	09 03	...	...	...	...	...	...
Chaklala ...	...	21 03	26 05	29 07	29 07	36 08	35 18	27 20	24 23	...	04 05	13 01	30 03	30 04	30 11	...	35 03	29 03	30 03	28 01	27 03	20 01	23 09	30 12	...	...
Chhor ...	24 04	26 04	27 04	35 02	25 03	18 03	24 06	25 12	25 17	21 08	27 09	23 07	21 05	24 03	29 01	17 06	15 06	15 05	19 02	29 04	25 02	27 12	28 21	30 24	27 20	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	21 23	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	17 21	...	...	...	...	...	18 30	19 26	20 25	21 21	...	...	...	...	...	...	...
Dacca ...	28 03	33 02	01 02	xx xx	xx xx	xx xx	05 13	03 13	01 13	14 11	13 08	04 05	08 13	07 16	...	09 04	09 07	09 11	09 17	08 23	08 19	03 12	36 41	34 10	35 09	29 24
Dalbandin ...	...	...	26 03	32 05	33 08	31 10	25 17	26 21	22 22	...	...	03 06	05 06	33 09	33 13	...	...	07 12	06 09	04 12	01 13	35 30	30 42	27 18	34 43	26 65
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 18	19 17	18 13	34 11	25 28	...	...	...	25 08	23 06	32 14	...	...	...	...	22 08	21 11	17 48	33 10	23 17	24 37	25 35
Fort Sandeman ...	...	...	...	27 02	18 03	13 05	25 16	22 19	24 31	...	...	...	21 01	31 06	29 08	...	...	...	24 01	31 03	31 11	30 10	22 24	23 28	...	...
Jacobabad ...	19 02	17 07	15 01	05 01	34 03	30 06	19 09	19 15	20 15	09 02	17 08	19 04	12 04	36 05	29 04	02 03	33 02	08 02	10 02	01 06	01 12	24 06	21 04	24 03	20 10	...
Jessore ...	31 07	32 09	32 09	01 10	03 09	01 10	...	...	...	08 13	...	...	...	...	...	34 12	34 08	04 10	05 15	...	...	...	...	...	...	...
Jhelum ...	26 01	26 02	26 02	34 07	35 08	24 07	24 18	26 21	26 25	29 02	01 01	33 02	33 06	02 04	34 07	35 01	32 03	32 04	36 04	01 04	04 07	24 07	24 29	24 35	20 30	...
Jiwani ...	24 11	23 09	22 07	33 08	02 10	05 13	35 13	30 11	27 24	32 10	24 09	28 09	28 02	34 05	04 11	25 09	25 07	23 08	...	...	...	...	...	...	...	...
Karachi ...	27 12	28 12	28 13	25 08	15 04	12 08	32 05	31 24	30 20	...	...	...	...	...	...	32 06	32 08	32 05	03 05	05 15	06 14	27 10	28 19	28 23	29 29	...
Khanpur ...	30 06	30 05	30 05	24 03	24 04	17 12	14 04	20 08	24 07	13 07	18 04	21 02	22 05	24 12	26 05	17 05	24 04	22 02	19 03	17 03	08 08	09 03	23 06	24 17	21 12	27 23
Lahore ...	35 04	33 05	32 07	32 06	32 08	02 10	36 09	25 06	19 08	34 04	32 07	33 03	33 05	34 06	34 08	34 01	33 04	33 06	34 07	34 06	36 08	19 09	23 17	24 21	25 27	...
Multan ...	17 04	16 04	15 03	17 03	15 01	24 09	26 15	22 14	24 12	14 07	15 04	19 03	22 07	26 07	04 05	16 07	16 08	16 06	31 02	27 02	22 04	22 15	22 17	23 24	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	06 03	04 05	06 06	25 11	20 16	28 18	...	...	...	13 03	05 08	03 15	...	...	...	03 05	03 07	02 14	25 08	22 08	21 05	...	...
Peshawar ...	...	03 07	06 07	10 09	14 15	22 08	24 13	25 18	25 20	...	06 04	09 05	17 12	23 17	34 12	...	02 06	35 12	35 06	25 05	21 09	24 12	25 10	24 11	...	...
Quetta ...	...	...	...	...	28 03	23 04	25 10	24 11	22 19	...	...	...	...	29 02	29 10	...	...	...	...	33 02	31 10	21 73	28 14	30 17	32 23	32 49
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 08	13 04	14 04	18 04	19 07	...	...	...	...	18 07	18 04	...	...	...	...	10 04	10 06	10 08	11 06	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	14 09	14 06	05 04	05 04	14 07	05 10	05 08	05 15									...	...
Karachi ...	29 15	28 21	27 15	26 05	20 08	05 10	23 15	29 26	29 25	29 28	28 25	27 36	24 44	25 41	23 38	24 47	...	...
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

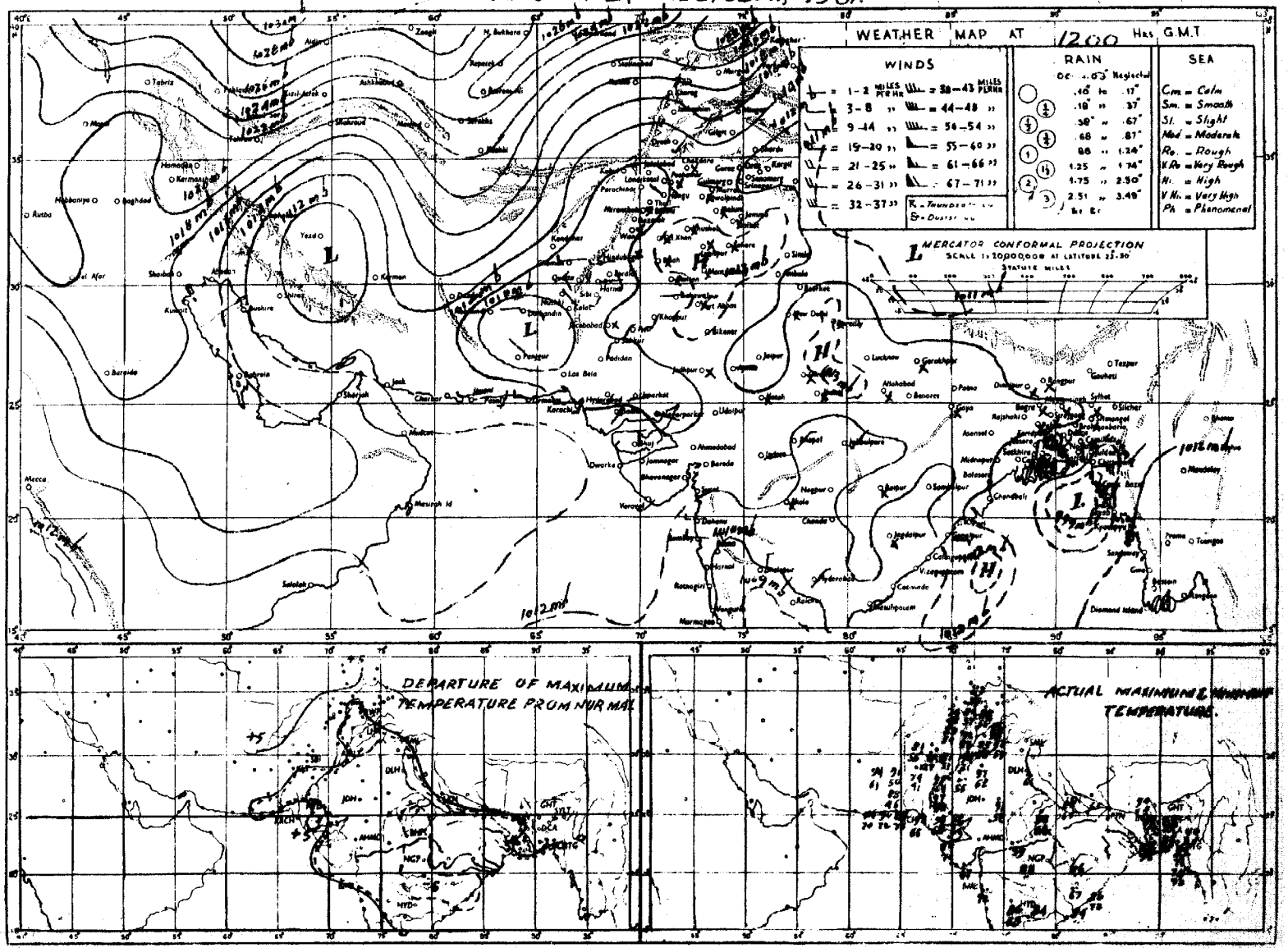
11 915 31 495

11 917 02 703

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

PAKISTAN DAILY WEATHER MAP

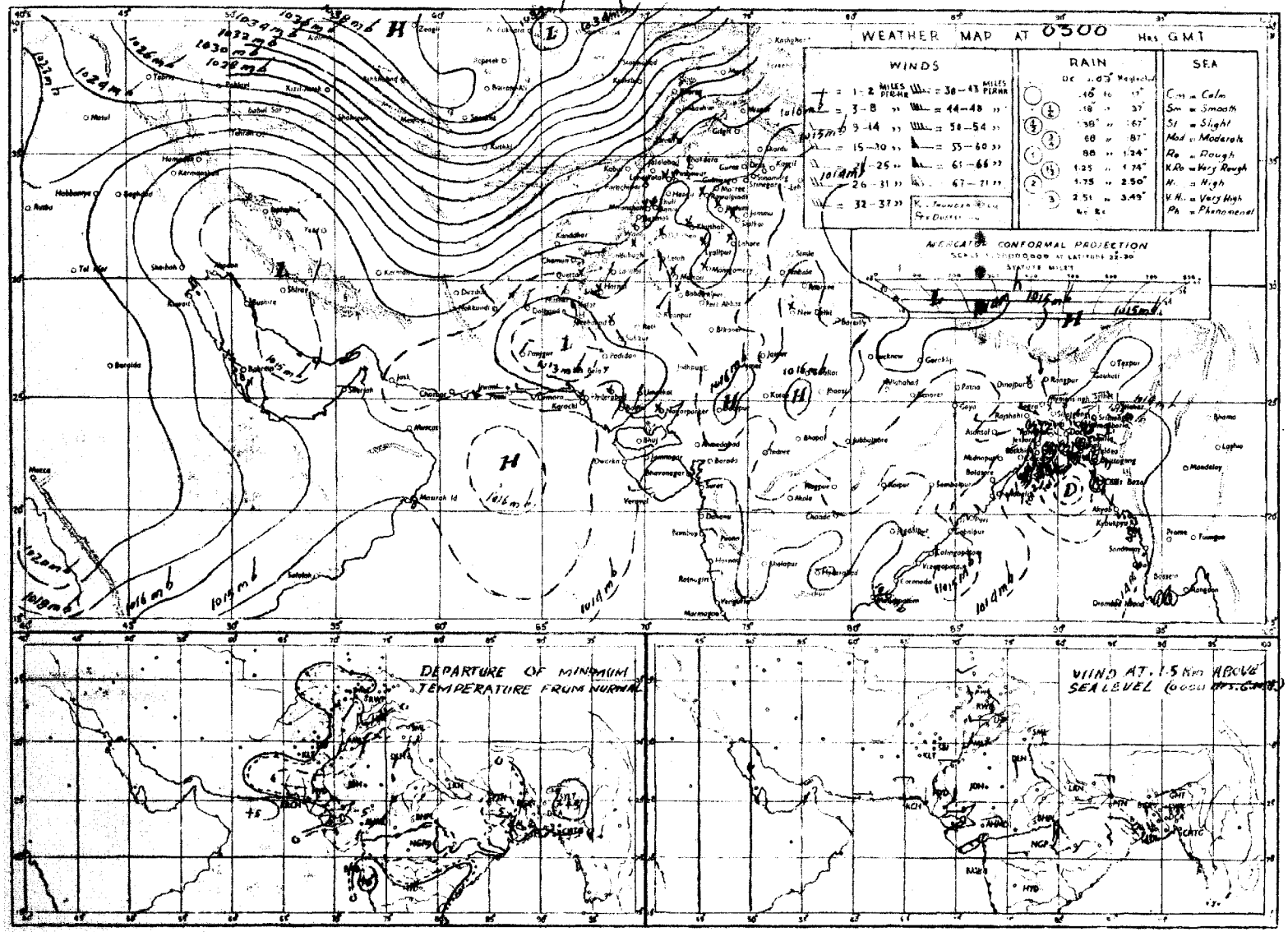
TUESDAY 24th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 26th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved northwards and was centred last evening close to coast near Chittagong. It then moved northnortheastwards crossed coast during night and now lies as a low over Assam and adjoining Chittagong division. It is likely to move away north-eastwards.

Under its influence fairly widespread rain/thundershowers have occurred in Chittagong division. Light rain has also fallen in Dacca division.

The western disturbance over East Russian Turkistan now lies north of Kashmir.

Weather remained dry in West Pakistan.

A low has appeared off Malabar-Kanara coast.

Chief amounts of rainfall are: Rangamati and Chittagong 1" each; Cox's Bazar and Maijdee Court 1/2" each and Brahmanbaria Srimangal 1/4" each.

Night temperatures were 3 to 5 °F above normal in East Pakistan and in Lahore, Quetta, Kalat and Khairpur divisions.

Forecast valid until the evening of 27th October, 1961:—Scattered rain/thundershowers will occur in Chittagong division and Kashmir. A few thunderstorms may also develop in Rawalpindi and Peshawar divisions.

Karachi-11
The 26th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	065	7	9	09	13	xx	00	6	106	75	9	x	0	x	x	73	77
	Cox's Bazar	000	0	4	20	09	xx	01	2	097	81	3	5	5	3	0	74	83
	Chittagong	093	4	8	23	14	xx	61	6	091	77	8	7	4	x	x	74	78
	Maijdee Court	035	9	8	36	19	xx	62	6	074	74	8	7	4	x	x	73	79
	Comilla	000	0	8	13	09	96	02	2	077	79	8	5	5	x	x	70	85
	Brahmanbaria	025	7	2	36	02	xx	01	6	099	78	2	0	9	2	0	72	86
	Sylhet	000	0	7	23	02	xx	17	9	093	77	3	3	5	2	0	72	87
	Srimangal	037	5	8	15	03	94	03	6	xxx	73	8	6	4	x	x	71	87
Dacca	Mymensingh	000	0	6	09	02	97	02	1	097	85	6	2	4	0	0	76	90
	Narayanganj	000	9	2	00	00	xx	03	7	096	80	2	5	3	0	0	73	88
	Dacca (Tezgaon)	005	3	7	05	05	97	02	6	093	77	7	8	5	0	0	73	87
	Faridpur	000	0	6	00	00	95	02	2	000	80	6	4	5	0	0	73	87
Khulna	Barisal	000	0	4	36	01	96	02	1	093	80	4	5	6	0	0	72	84
	Khulna	000	0	0	00	00	xx	02	0	096	82	0	0	9	0	0	73	86
	Satkhira	000	0	6	00	00	96	03	1	101	84	4	4	6	3	0	74	86
	Jessore	000	0	4	36	03	96	02	1	116	82	4	4	6	0	0	75	87
Rajshahi	Pabna	000	0	0	00	00	xx	02	1	101	82	0	0	9	0	0	73	87
	Sirajganj	000	0	1	00	00	95	02	0	089	83	1	1	5	0	0	75	90
	Bogra	000	0	1	31	02	96	01	1	094	84	1	3	6	0	0	72	88
	Dinajpur	000	0	0	00	00	xx	00	0	095	85	0	0	9	0	0	70	91
	Rangpur	000	0	1	00	00	96	01	0	097	82	1	2	6	0	0	73	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	0	00	00	96	02	4	110	86	0	0	9	0	0	56	89
	Sialkot	000	0	0	00	00	97	00	0	107	85	0	0	9	0	0	62	90
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	102	83	0	0	9	0	0	57	92
	Rawalpindi	000	0	0	27	02	97	00	0	110	78	0	0	9	0	0	49	86
	Campbellpur	000	0	0	00	00	98	00	0	113	87	0	0	9	0	0	47	87
Sargodha	Khushab	000	0	0	00	00	99	00	0	108	90	0	0	9	0	0	67	93
	Lyallpur	000	0	0	00	00	96	00	0	119	87	0	0	9	0	0	50	87
Multan	Montgomery	000	0	0	00	00	96	00	0	116	84	0	0	9	0	0	63	92
	Multan	000	0	0	00	00	97	02	0	113	90	0	0	9	0	0	56	93
	Leiah	000	0	0	18	01	97	00	0	108	89	0	0	9	0	0	53	92
Bahawalpur	Khanpur	000	0	0	36	02	96	02	0	110	89	0	0	9	0	0	51	94
	Bahawalpur	000	0	0	36	03	58	00	0	110	91	0	0	9	0	0	69	95
	Fort Abbas	000	0	0	36	02	98	00	0	061	89	0	0	9	0	0	53	96
Peshawar	Chakdara	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	83
	Peshawar	000	0	1	00	00	96	05	0	117	80	1	0	9	3	0	56	83
	Haripur	000	0	0	23	02	97	00	0	111	81	0	0	9	0	0	62	83
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	109	93	0	0	9	0	0	54	84
	D. I. Khan	000	0	0	00	00	98	00	0	108	90	0	0	9	0	0	63	92
Quetta	Sibi	000	0	0	23	03	97	00	0	107	92	0	0	9	0	0	43	95
Kalat	Nokkundi	000	0	0	31	03	98	02	0	110	86	0	0	9	0	0	32	91
	Turbat	000	0	0	27	04	98	00	0	085	95	0	0	9	0	0	60	97
	Jiwani	000	0	0	23	10	97	02	0	125	83	0	0	9	0	0	71	86
	Pasni	000	4	0	20	16	96	05	4	112	83	0	0	9	0	0	74	89
Karachi Division	Ormara	000	0	0	27	08	96	00	0	106	93	0	0	9	0	0	73	85
	Las Bela	000	0	0	00	00	98	00	0	090	98	0	0	9	0	0	66	00
	Karachi (Manora)	000	0	0	27	12	98	02	0	108	85	0	0	9	0	0	76	89
	Karachi (Air Port)	000	0	0	23	09	97	02	0	109	86	0	0	9	0	0	68	91
Hyderabad	Nagarparkar	000	0	0	13	02	97	00	0	085	92	0	0	9	0	0	48	96
	Umarkot	000	0	0	23	01	98	02	0	099	92	0	0	9	0	0	63	98
	Hyderabad	000	0	0	00	00	97	02	0	107	92	0	0	9	0	0	52	97
	Badin	000	0	0	23	02	97	00	0	115	93	0	0	9	0	0	53	99
Khairpur	Pad-i-dan	000	0	0	36	05	97	02	0	107	92	0	0	9	0	0	38	94
	Nawabshah	000	0	0	27	02	97	02	0	116	94	0	0	9	0	0	46	96
	Sukkur	000	0	0	36	02	97	02	0	107	89	0	0	9	0	0	59	93
	Kashmore	000	0	0	00	00	98	00	0	115	94	0	0	9	0	0	51	94
	Jacobabad	000	0	0	13	02	97	02	0	112	91	0	0	9	0	0	56	94
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	518	58	0	0	9	0	0	38	65
Peshawar	Drosh *	000	1	5	23	09	97	03	1	505	75	3	2	7	6	0	34	81
	Cherat *	000	0	0	00	00	98	00	0	541	71	0	0	9	0	0	47	77
	Kakul *	000	0	0	16	03	97	00	0	520	70	0	0	9	0	0	37	80
	Landi Kotal *	000	0	0	13	01	97	00	0	508	74	0	0	9	0	0	42	79
	Parachinar *	000	0	2	31	01	99	02	0	426	68	2	0	9	2	0	26	72
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	5'4	79	0	0	9	0	0	39	82
	Wana *	000	0	0	13	03	99	00	0	509	71	0	0	9	0	0	40	77
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	519	77	0	0	9	0	0	31	81
	Hindubagh *	000	0	0	25	12	97	00	0	493	73	0	0	9	0	0	73	73
	Loralai *	000	0	0	16	03	96	00	1	361	73	0	0	9	0	0	34	79
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	531	72	0	0	9	0	0	50	74
	Chaman *	000	0	0	27	05	98	00	0	507	78	0	0	9	0	0	13	80
	Nushki *	000	0	0	27	05	98	02	0	572	84	0	0	9	0	0	37	86
	Dalbandin *	000	0	0	13	05	97	02	0	535	85	0	0	9	0	0	21	89
Kalat	Kalat *	000	0	0	29	07	98	00	0	493	64	0	0	9	0	0	37	74
	Panjgur *	000	0	0	31	05	98	02	0	507	82	0	0	9	0	0	21	88
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	118	9	7	23	05	98	01	6	137	77	5	4	4	1	x	77	75
	Cox's Bazar	045	9	6	18	05	97	02	6	127	83	5	5	5	3	0	76	75
	Chittagong	100	9	3	23	03	96	01	6	129	81	2	2	5	1	0	75	77
	Maijdee Court	050	9	5	00	00	97	03	9	118	80	5	2	6	0	0	73	72
	Comilla	000	0	0	00	00	97	02	1	114	83	2	5	8	0	0	71	73
	Brahmanbaria	025	0	2	05	02	96	03	1	128	82	2	1	5	0	0	73	73
	Sylhet	000	0	1	09	05	97	01	1	119	81	1	2	6	0	0	74	77
	Srimangal	037	3	6	13	03	96	02	2	xxx	81	0	0	5	4	0	73	73
Dacca	Mymensingh	000	0	0	00	00	97	01	1	127	78	2	4	4	0	0	74	74
	Narayanganj	000	9	4	00	00	96	03	0	128	83	1	4	4	0	8	70	75
	Dacca (Tezgaon)	005	0	2	30	13	97	01	1	124	81	1	!	6	7	0	73	73
	Faridpur	000	0	1	34	02	95	05	1	129	81	0	0	9	0	1	69	75
Khulna	Barisal	000	0	3	00	00	97	02	2	119	77	3	0	9	4	0	74	75
	Khulna	000	0	0	00	00	97	00	0	134	83	0	0	9	0	0	76	73
	Satkhira	000	0	0	00	00	97	00	0	138	81	0	0	9	0	0	70	70
	Jessore	000	0	0	27	05	97	00	0	131	79	0	0	9	0	0	70	70
Rajshahi	Pabna	000	0	0	31	05	99	02	0	134	80	0	0	9	0	0	71	73
	Sirajganj	000	0	0	31	02	99	00	1	126	80	0	0	9	0	0	69	71
	Bogra	000	0	4	31	02	96	02	0	129	81	2	0	9	7	8	69	72
	Dinajpur	000	0	0	00	00	96	00	0	122	80	0	0	9	0	0	74	68
	Rangpur	000	0	0	05	02	96	01	0	127	72	0	0	9	0	0	71	69
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	132	68	0	0	9	0	0	61	59
	Sialkot	000	0	0	00	00	97	00	0	125	75	0	0	9	0	0	59	63
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	136	65	0	0	9	0	0	53	55
	Rawalpindi	000	0	0	00	00	98	10	0	147	62	0	0	9	0	0	50	53
	Campbellpur	000	0	0	00	00	98	00	0	132	63	0	0	9	0	0	45	50
Sargodha	Khushab	000	0	0	00	00	99	00	0	144	66	0	0	9	0	0	51	57
	Lyallpur	000	0	0	00	00	94	03	4	134	65	0	0	9	0	0	56	58
Multan	Montgomery	000	0	0	00	00	96	05	0	131	68	0	0	9	0	0	58	58
	Multan	000	0	0	00	00	97	02	0	130	73	0	0	9	0	0	46	66
	Leiah	000	0	0	18	02	97	00	0	126	66	0	0	9	0	0	47	56
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	136	72	0	0	9	0	0	51	55
	Bahawalpur	000	0	0	00	00	98	00	0	127	74	0	0	9	0	0	57	57
	Fort Abbas	000	0	0	05	02	98	00	0	144	71	0	0	9	0	0	47	59
Peshawar	Chakdara	000	0	0	00	00	97	00	0	149	58	0	0	9	0	0	42	51
	Peshawar	000	0	0	00	00	97	02	0	146	60	0	0	9	0	0	51	57
	Haripur	000	0	0	23	02	97	00	0	130	66	0	0	9	0	0	45	54
D. I. Khan	Bannu	000	0	0	27	02	99	00	0	133	61	0	0	9	0	0	49	57
	D. I. Khan	000	0	0	00	00	98	00	0	137	63	0	0	9	0	0	54	58
Quetta	Sibi	000	0	0	36	02	97	00	0	141	69	0	0	9	0	0	46	62
Kalat	Nokkundi	...	...	...	...	...	...	...	...			...	...	...	...	...		...
	Turbat	000	0	0	09	05	95	07	0	130	77	0	0	9	0	0	31	xx
	Jiwani	000	0	4	27	02	96	02	0	140	77	4	6	5	0	0	74	73
	Pasni	000	2	0	25	02	96	05	0	137	73	0	0	9	0	0	71	69
Karachi Division	Ormara	000	0	0	27	03	96	00	0	119	78	0	0	9	0	0	74	77
	Las Bela	...	...	...	...	...	...	...	...			...	...	...	...	...	...	...
	Karachi (Manora)	000	0	0	00	00	94	10	0	129	75	0	0	9	0	0	69	73
	Karachi (Air Port)	000	0	0	00	00	96	02	0	131	71	0	0	9	0	0	65	66
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	121	75	0	0	9	0	0	64	xx
	Umarkot	000	0	0	xx	xx	97	02	0	125	72	0	0	9	0	0	68	62
	Hyderabad	000	0	0	00	00	97	02	0	129	74	0	0	9	0	0	63	67
	Badin	000	0	0	23	02	97	00	0	124	74	0	0	9	0	0	71	72
Khairpur	Pad-i-dan	000	0	0	36	02	97	02	0	128	66	0	0	9	0	0	59	58
	Nawabshah	000	0	0	00	00	97	00	0	130	65	0	0	9	0	0	54	61
	Sukkur	000	0	0	00	00	95	02	0	128	76	0	0	9	0	0	61	67
	Kashmore	000	0	0	00	00	99	00	0	135	73	0	0	9	0	0	43	55
	Jacobabad	000	0	0	00	00	97	02	0	135	72	0	0	9	0	0	52	64
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	13	02	98	00	0	527	52	0	0	9	0	0	38	45
Peshawar	Drosh *	000	9	4	00	00	97	03	2	532	55	1	1	7	3	0	38	55
	Cherat *	000	0	0	00	00	98	00	0	536	61	0	0	9	0	0	35	51
	Kakul *	000	2	1	36	03	97	01	0	524	60	1	0	9	0	0	40	57
	Landi Kotal *	000	0	0	00	00	98	00	0	504	57	0	0	9	0	0	43	50
	Parachinar *	000	0	0	00	00	99	00	0	517	51	0	0	9	0	0	38	47
D.I. Khan	Miranshah *	000	0	0	00	00	96	00	0	501	59	0	0	9	0	0	38	55
	Wana *	000	0	0	00	00	99	00	0	517	53	0	0	9	0	0	32	44
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	532	55	0	0	9	0	0	31	51
	Hindubagh *	000	0	0	31	05	97	10	0	525	50	0	0	9	0	0	27	36
	Loralai *	000	0	0	25	03	99	00	0	343	55	0	0	9	0	0	29	32
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	536	55	0	0	9	0	0	17	39
	Chaman *	000	0	0	18	05	98	00	0	545	57	0	0	9	0	0	25	49
	Nushki *	000	0	0	00	00	98	02	0	574	59	0	0	9	0	0	35	56
	Dalbandin *	000	0	0	05	09	95	05	0	538	57	0	0	9	0	0	31	53
Kalat	Kalat *	000	0	0	16	03	98	00	0	512	47	0	0	9	0	0	18	39
	Panjgur *	000	0	0	13	05	97	02	0	532	40	0	0	9	0	0	31	59
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of (columns 37–38) and Rainfall (columns 39–42)

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	114.7	—	122.4	—
	Cox's Bazar	— 4	+ 4	171.7	+56.3	184.8	140
	Chittagong	— 9	+ 6	129.6	+46.3	170.6	108
	Maijdee Court	— 6	+ 2	86.3	— 5.3	124.5	115
	Comilla	— 2	+ 3	62.7	— 6.5	76.9	94
	Brahmanbaria	—	—	49.9	— 5.4	65.4	78
	Sylhet	—	—	99.9	—	—	—
	Srimangal	— 2	+ 6	37.1	—27.9	50.8	98
Dacca	Mymensingh	+ 4	+ 4	45.1	—23.9	61.4	91
	Narayanganj	+ 1	+ 3	59.2	+ 6.2	62.2	74
	Dacca (Tezgaon)	—	—	57.4	—	81.0	—
	Faridpur	+ 1	+ 4	50.1	— 1.1	87.9	71
Khulna	Barisal	— 4	+ 4	60.5	— 0.9	75.6	81
	Khulna	—	+ 3	44.4	— 8.1	56.0	68
	Satkhira	—	+ 2	40.1	—10.1	61.8	65
	Jessore	0	0	44.5	— 3.3	55.5	65
Rajshahi	Pabna	—	—	36.9	—	41.3	59
	Sirajganj	+ 4	+ 2	34.8	—14.7	48.1	64
	Bogra	+ 2	+ 3	43.9	—11.1	51.5	69
	Dinajpur	+ 5	+ 1	34.9	—23.4	51.4	72
	Rangpur	+ 2	+ 2	53.7	—13.4	59.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	+ 6	36.2	+21.5	30.9	19
	Sialkot	— 2	+ 7	27.6	+ 3.8	34.7	32
Rawalpindi	Jhelum	—	—	22.5	—	34.3	
	Rawalpindi	— 3	+ 2	38.1	+14.1	51.9	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	— 1	— 1	7.1	— 3.3	11.1	15
	Lyallpur	— 6	+ 2	10.9	+ 1.6	13.9	12
Multan	Montgomery	— 4	+ 1	4.6	— 2.9	10.1	10
	Multan	— 1	+ 9	5.5	+ 0.5	7.6	7
	Leiah	—	—	—	—	—	8
Bahawalpur	Khanpur	— 1	— 2	11.1	+ 6.3	12.6	6
	Bahawalpur	+ 1	+ 1	3.0	+ 1.3	4.9	6
	Fort Abbas	—	—	3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	— 4	+ 2	8.3	+ 3.7	17.3	11
	Haripur	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	— 1	+ 3	5.1	— 0.5	7.4	9
Quetta	Sibi	—	—	3.5	—	5.6	5
Kalat	Nokkundi	—					2
	Turbat	—	×	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	— 3	+ 4	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	6
	Las Bela	—					8
	Karachi (Manora)	+ 1	+ 4	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	26.1	—	27.3	—
	Umarkot	—	—	15.9	—	18.0	—
	Hyderabad	— 1	+ 1	12.0	+ 5.9	12.9	7
	Badin	+ 4	—	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	0.6	—	8.3	—
	Sukkur	—	—	1.2	—	2.2	4
	Kashmore	—	—	1.7	—	1.7	—
	Jacobabad	+ 2	+ 5	6.6	+ 4.3	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	0	—	47.3	+10.2	67.8	50
Peshawar	Drosh *	+ 5	—	4.5	—	21.5	18
	Cherat *	+ 1	—	15.3	+ 2.9	33.4	29
	Kakul *	—	—	32.7	—	35.0	—
	Landi Kotal *	—	—	4.1	—	12.8	—
	Parachinar *	— 2	—	18.2	—	29.1	29
D.I. Khan	Miranshah *	—	—	3.1	— 1.7	7.7	13
	Wana *	—	—	—	—	—	11
Quetta	Fort Sandeman *	— 1	+ 1	5.1	+ 0.1	11.2	11
	Hindubagh *	—	—	0.7	—	5.6	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	6.2	9
	Chaman *	+ 1	0	0.7	+ 0.3	6.3	8
	Nushki *	—	—	1.1	—	3.8	—
	Dalbandin *	+ 2	+ 5	1.3	+ 1.0	2.7	4
Kalat	Kalat *	0	+ 4	1.2	— 0.1	12.9	7
	Panjgur *	+ 2	+ 6	1.0	—	5.0	5
Afghanistan	Kabul *						12
	Kandhar *						

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

120 207

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 26th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Lelykerk	43 210	593 00	2 00 00	98 0 30	131 79	21 3 00	56 7 04	...	05 1 70	10 0 x0
Jalmanji	43 171	644 05	3 06 09	98 0 20	151 84	00 9 01	23 2 26	...	...	10 5 23
Leykerk	43 198	586 06	3 28 04	98 0 30	162 79	32 2 00	56 2 18	...	05 2 73	12 8 10
Rynkerk	43 010	470 06	2 16 02	98 0 20	122 82	21 5 00	56 2 14	...	00 0 75	11 0 x0
Jaimanji	43 177	663 18	3 02 03	98 0 20	142 82	00 9 08	23 2 12	...	03 2 76	10 5 13
Lelykrak	43 186	562 18	0 20 06	98 0 20	131 79	00 9 03	56 2 08	...	05 2 70	11 8 10

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	007 245 228	088 242 192	...	144 165 142	..	311 072 038	436 025 592	...	...	...	—	...	...
Jiwani ...														
Karachi ...	00 00	011 222 192	116 248 228	...	150 182 042	...	315 058 999	440 015 999	585 548 999	757 675 999	965 845	238 025	419 148	668 208
Lahore ...	00 00	988 215 155	110 xxxxxx	...	149 160 060	...	313 055 555	437 523 999	580 592 999	751 638 999	967 702	...	...	...
Multan ...														
Peshawar ...	00 00	971 162 052	...	...	150 169 062	...	313 062 552	438 522 628	580 625 725	747 728 999	952 848	228 960	...	...
Quetta ...	00 00		MISDA	...	...	..	...	...	...	...	—	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels ($PPPTTTT_dT_dT_d$)									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 198 162	800 129 018	...	...	...	...	...		...	800 128 018	...	...
Jiwani ...													
Karachi ...	00 00	900 222 098	800 155 015	...	..	...	...	...	...	...	800 155 015	...	...
Lahore ...	00 00	980 192 085	800 128 042	...	...	...	...	...	...	...	800 128 042	...	...
Multan ...													
Peshawar ...	00 00	928 205 108	900 202 102	800 132 008	...	...	...	...	...	...	800 132 008	...	...
Quetta ...	80 00		MISDA	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	30 07	32 10	32 12	30 09	28 02	25 04	30 13	27 21	27 27	28 46	28 38
Chaklala ...	...	15 01	30 03	27 02	16 03	04 05	27 03	28 19	27 26	...	...
Chhor ...	24 02	22 02	16 01	05 03	04 05	06 08	05 17	27 19	27 22	...	...
Chittagong ...	24 05	30 05	31 14	30 17	30 17	28 18	...	...	...	...	...
Cox's Bazar ...	22 08	26 04	31 03	32 13	29 11	...	...	...	...	...	...
Dacca ...	31 12	30 10	30 10	34 12	32 07	32 10	27 06	30 14	29 20	29 32	29 28
Dalbandin ...	...	...	08 17	06 33	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	29 01	20 12	19 21	...	...	...	...
Fort Sandeman ...	...	...	...	23 03	31 04	33 18	30 17	29 19	26 26	27 27	...
Jacobabad ...	27 03	26 05	26 05	35 08	01 10	36 04	27 21	27 37	26 45	26 49	...
Jessore ...	30 07	30 06	32 08	32 14	28 10	25 06	24 12	29 11	29 11	29 23	29 34
Jhelum ...	28 02	31 03	31 09	10 02	12 04	35 10	27 09	26 20	26 18	25 31	26 53
Jiwani ...	29 07	30 04	...	...	...	...	...	...	...	...	...
Karachi ...	02 02	03 04	02 04	02 09	02 17	05 17	36 15	26 16	26 21	...	...
Khanpur ...	17 07	18 05	22 07	27 10	27 09	32 08	02 07	33 11	28 11	...	...
Lahore ...	29 03	29 06	29 08	30 06	32 06	32 05	27 07	24 06	25 12	27 12	...
Multan ...	18 07	17 11	17 10	22 07	24 06	34 07	31 14	35 19	36 27	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	05 10	05 10	01 14	29 18	26 23	24 21	...	...
Peshawar ...	...	02 05	33 04	21 07	17 12	24 11	28 21	32 25	34 29	...	...
Quetta ...	...	...	...	...	31 04	xx xx	32 29	32 32	31 36	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 03	17 02	15 04	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 02	32 02	32 06	34 09	34 10	34 06	26 07	...	...	...	...		...	...	...	...	...	..
Karachi ...	30 10	30 13	28 09	01 07	01 11	03 20	27 13	28 18	28 18	26 33	26 44	26 51	25 54	36 51	26 49	25 47	...	-
Peshawar ...		36 07	36 09	26 11	25 11	25 11	30 15	28 13	28 35	28 52	27 88	77 28	77 62	77 77	...	...	...	...
Quetta ...																		

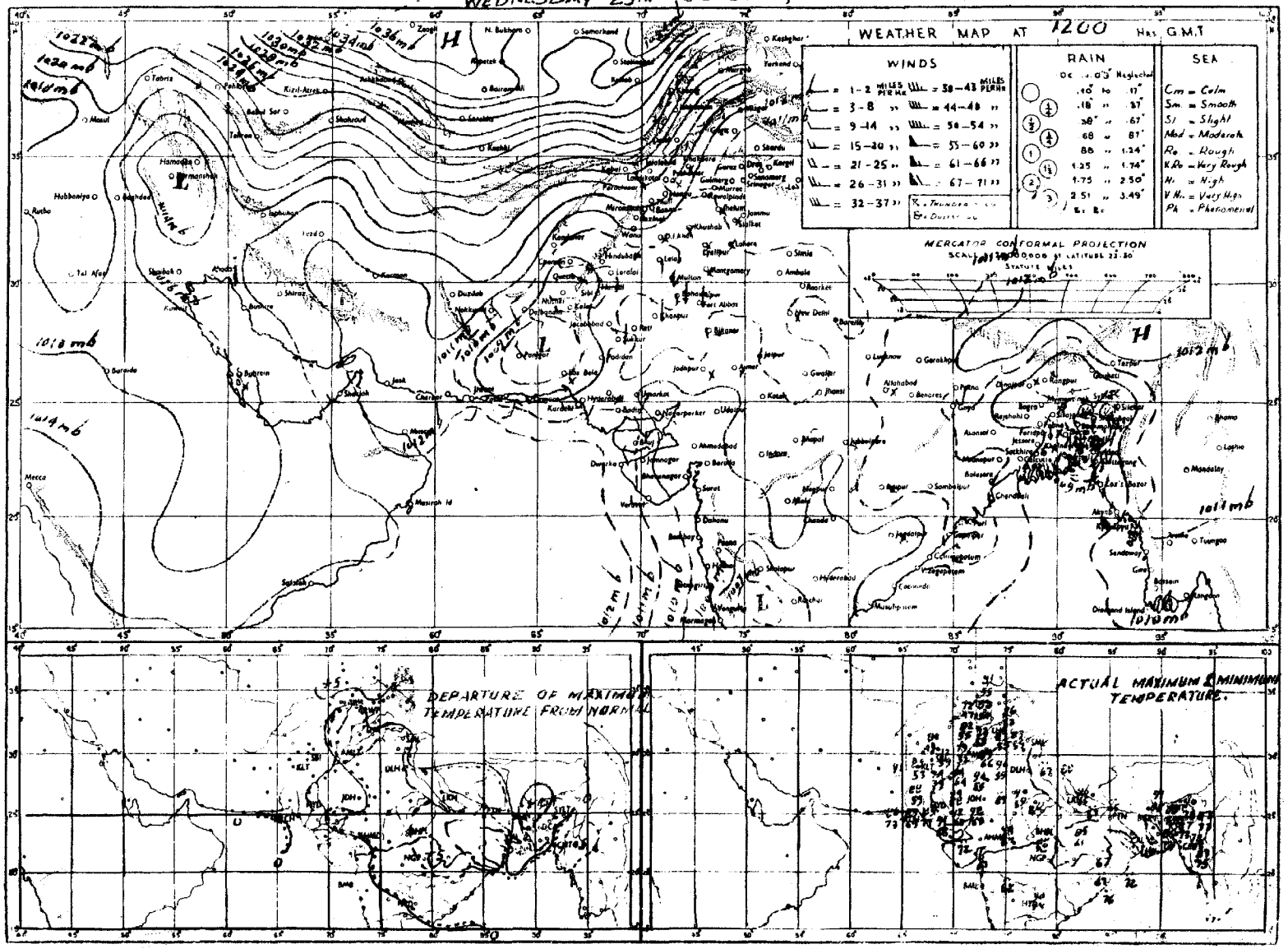
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

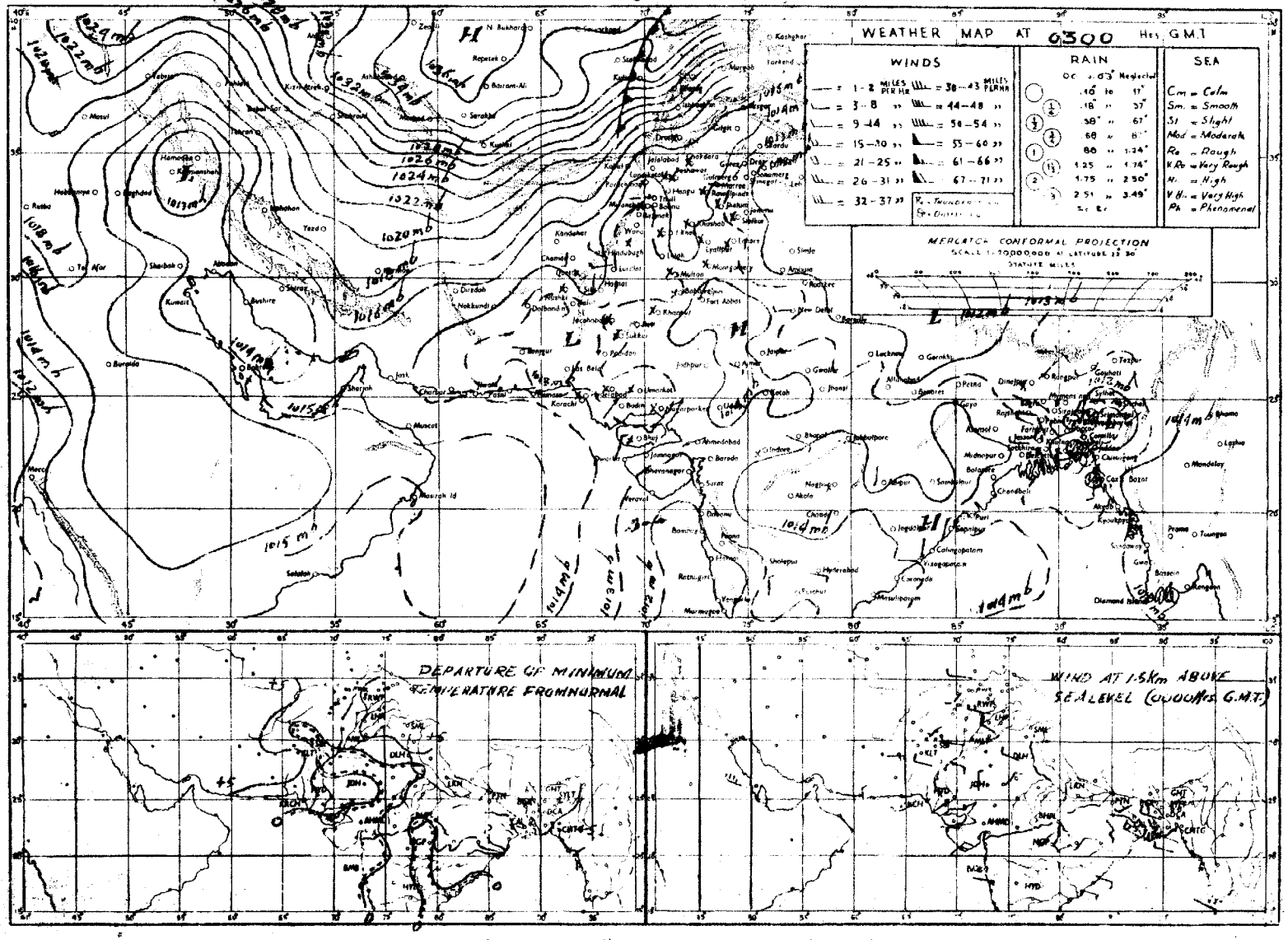
WEDNESDAY 25th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 26th OCTOBER 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 27th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low off Malabar-Kanara Coast moved northwestwards and now lies as a well marked low in east central Arabian Sea. It is likely to move in a West or northwesterly direction and may intensify.

The Western disturbance north of Kashmir moved away. Another is moving across north of Afghanistan with its associated trough extending to Peshawar division.

Rainfall has been scattered in Peshawar division. Drosh recorded 1/4" of rainfall.

The low over Assam and adjoining Chittagong division moved away northeastwards. Isolated light rain has been reported from Chittagong division.

Night temperatures were 3-5 °F above normal in D. I. Khan Multan, Bahawalpur, Karachi and Lahore divisions and in Coastal districts of East Pakistan.

Forecast valid until the evening of 28th October, 1961:—Rain/thundershowers will be scattered in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 27th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	18	09	xx	00	1	113	79	9	x	0	x	x	75	86
	Cox's Bazar	000	0	4	31	02	xx	03	0	101	80	2	1	6	3	8	74	86
	Chittagong	000	0	0	30	00	xx	00	0	100	79	0	0	9	0	0	74	85
	Maijdee Court	000	9	3	00	00	94	03	0	097	81	2	2	7	2	0	74	86
	Comilla	000	0	0	00	00	96	02	0	080	82	0	0	9	0	0	75	87
	Brahmanbaria	000	0	2	23	02	xx	03	1	094	80	2	5	5	0	0	73	86
	Sylhet	006	3	6	00	00	xx	03	6	077	87	2	8	6	7	0	73	89
	Srimangal	000	0	0	23	05	95	00	0	xxx	79	0	0	9	0	0	74	89
Dacca	Mymensingh	000	0	0	27	02	97	00	0	092	81	0	0	9	0	0	69	87
	Narayanganj	000	9	0	00	00	xx	05	0	094	81	0	0	9	0	0	69	89
	Dacca (Tezgaon)	000	0	0	31	02	97	02	1	091	79	0	0	9	0	0	67	87
	Faridpur	000	0	0	00	00	95	00	0	095	81	0	0	9	0	0	74	86
Khulna	Barisal	000	0	0	00	00	96	00	0	099	84	0	0	9	0	0	71	88
	Khulna	000	0	0	00	00	xx	00	0	097	82	0	0	9	0	0	73	90
	Satkhira	000	0	3	00	00	96	03	0	098	85	2	4	7	3	0	72	88
	Jessore	000	0	0	36	02	97	00	0	100	82	0	0	9	0	0	73	89
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	091	82	0	0	9	0	0	73	87
	Sirajganj	000	0	0	00	00	95	00	0	091	90	0	0	9	0	0	80	88
	Bogra	000	0	0	27	02	96	02	0	093	81	0	0	9	0	0	69	88
	Dinajpur	000	0	0	00	00	xx	00	0	083	82	0	0	9	0	0	73	89
	Rangpur	000	0	0	00	00	96	00	0	091	82	0	0	9	0	0	73	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	102	83	0	0	9	0	0	58	90
	Sialkot	000	0	0	00	00	97	00	0	095	83	0	0	9	0	0	62	89
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	091	79	0	0	9	0	0	57	xx
	Rawalpindi	000	0	0	31	02	99	00	0	101	76	0	0	9	0	0	52	86
	Campbellpur	000	0	0	00	00	98	00	0	085	86	0	0	9	0	0	46	87
Sargodha	Khushab	000	0	0	00	00	99	00	0	102	87	0	0	9	0	0	54	91
	Lyallpur	000	0	0	00	00	96	00	0	105	81	0	0	9	0	0	55	82
Multan	Montgomery	000	0	0	00	00	96	00	0	104	86	0	0	9	0	0	61	92
	Multan	000	0	0	00	00	99	02	0	091	89	0	0	9	0	0	52	92
	Leiah	000	0	0	18	03	97	00	0	091	89	0	0	9	0	0	45	90
Bahawalpur	Khanpur	000	0	0	00	00	98	02	0	095	85	0	0	9	0	0	49	93
	Bahawalpur	000	0	0	00	00	98	00	0	097	90	0	0	9	0	0	67	93
	Fort Abbas	000	0	0	05	02	98	02	0	094	86	0	0	9	0	0	58	95
Peshawar	Chakdara	000	0	0	00	00	98	00	0	082	76	0	0	9	0	0	47	82
	Peshawar	000	0	0	00	00	97	02	0	095	99	0	0	9	0	0	53	82
	Haripur	000	0	0	23	02	97	00	0	085	81	0	0	9	0	0	61	86
D. I. Khan	Bannu	000	0	0	05	02	99	00	0	084	82	0	0	9	0	0	52	83
	D. I. Khan	000	0	0	00	00	97	00	0	107	87	0	0	9	0	0	62	90
Quetta	Sibi	000	0	0	18	03	98	00	0	095	93	0	0	9	0	0	47	97
Kalat	Nokkundi	000	0	0	31	03	98	02	0	141	80	0	0	9	0	0	34	82
	Turbat	000	0	0	05	03	98	00	0	087	96	0	0	9	0	0	43	99
	Jiwani	000	0	1	27	10	97	02	0	111	84	1	1	6	0	0	73	88
	Pasni	000	0	0	20	14	96	05	4	100	88	0	0	9	0	0	65	90
Karachi Division	Ormara	000	0	0	27	04	96	00	0	094	97	0	0	9	0	0	77	90
	Lasbela																	
	Karachi (Manora)	000	0	0	27	10	98	02	0	095	86	0	0	9	0	0	79	89
	Karachi (Air Port)	000	0	0	23	03	97	02	0	101	88	0	0	9	0	0	57	93
Hyderabad	Nagarparkar	000	0	0	16	01	97	00	0	093	91	0	0	9	0	0	77	96
	Umarkot	000	0	0	29	01	98	02	0	092	91	0	0	9	0	0	70	97
	Hyderabad	000	0	0	00	00	97	02	0	095	93	0	0	9	0	0	55	99
	Badin	000	0	0	23	02	97	00	0	118	92	0	0	9	0	0	75	00
Khairpur	Pad-i-dan	000	0	0	31	03	97	02	0	100	93	0	0	9	0	0	43	96
	Nawabshah	000	0	0	00	00	97	02	0	101	93	0	0	9	0	0	52	96
	Sukkur	000	0	0	23	02	97	02	0	095	94	0	0	9	0	0	56	99
	Kashmore	000	0	0	00	00	99	00	0	106	94	0	0	9	0	0	49	95
	Jacobabad	000	0	0	18	02	97	02	0	097	91	0	0	9	0	0	51	93
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	505	57	0	0	9	0	0	73	64
Peshawar	Drosh *	002	3	6	09	07	97	50	5	528	56	6	8	6	0	0	43	xx
	Cherat *	000	0	0	23	09	98	00	0	500	68	0	0	9	0	0	41	76
	Kakul *	000	3	0	08	02	97	02	0	503	69	0	0	9	0	0	40	76
	Landi Kotal *	000	0	0	13	04	97	00	0	493	73	0	0	9	0	0	43	77
	Parachinar *	000	0	2	13	01	99	02	0	502	68	2	0	9	2	0	30	71
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	505	78	0	0	9	0	0	55	80
	Wana *	000	0	0	23	03	99	00	0	505	78	0	0	9	0	0	45	79
Quetta	Fort Sandeman *	000	0	0	25	02	99	02	0	613	77	0	0	9	0	0	28	61
	Hindubagh *	000	0	0	25	12	97	00	0	494	69	0	0	9	0	0	41	72
	Loralai *	000	0	2	13	03	99	01	0	379	74	1	0	9	1	1	32	81
	Harnai *	000	0	0	02	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	350	66	0	0	9	0	0	49	70
	Chaman *	000	0	0	29	07	98	00	0	520	70	0	0	9	0	0	23	72
	Nushki *	000	0	0	00	00	98	02	0	570	73	0	0	9	0	0	40	75
	Dalbandin *	000	0	0	05	09	95	05	0	547	77	0	0	9	0	0	31	79
Kalat	Kalat *	000	0	0	21	05	98	00	0	492	64	0	0	9	0	0	35	68
	Panjgur *	000	0	0	36	12	95	07	0	522	74	0	0	9	0	0	32	77
Afghanistan	Kabul *																	
	Kandahar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	3	3	34	05	98	01	4	146	80	3	7	5	0	0	73	75
	Cox's Bazar	000	0	2	02	02	97	03	0	129	82	2	0	9	3	0	73	74
	Chittagong	000	0	2	05	02	97	02	0	136	81	2	0	9	3	0	74	74
	Maijdee Court	000	9	0	00	00	98	00	4	138	80	0	0	9	0	0	69	71
	Comilla	000	0	0	00	00	97	02	0	123	79	0	0	9	0	0	72	71
	Brahmanbaria	000	0	2	23	12	97	01	1	139	80	2	0	9	4	0	71	72
	Sylhet	006	3	7	00	00	96	28	4	151	77	7	2	4	9	0	73	70
	Srimangal	000	0	0	00	00	96	00	0	xxx	84	0	0	9	0	0	68	68
Dacca	Mymensingh	000	0	0	00	00	97	00	0	142	79	0	0	9	0	0	67	69
	Narayanganj	000	9	0	00	00	96	05	4	136	85	0	0	9	0	0	67	73
	Dacca (Tezgaon)	000	0	1	00	00	97	02	4	132	81	1	0	9	3	0	67	69
	Faridpur	000	0	0	00	00	95	05	0	129	82	0	0	9	0	0	68	72
Khulna	Barisal	000	0	0	00	00	97	00	0	131	81	0	0	9	0	0	72	74
	Khulna	000	0	5	00	00	96	01	2	138	80	5	5	7	0	0	71	74
	Satkhira	000	0	4	00	00	96	02	1	134	84	2	2	6	3	0	70	73
	Jessore	000	0	1	19	03	97	01	2	128	79	1	0	9	6	0	70	70
Rajshahi	Pabna	000	0	1	31	02	98	03	0	133	84	1	0	9	3	0	73	70
	Sirajganj	000	0	0	00	00	99	00	0	134	81	0	0	9	0	0	65	68
	Bogra	000	0	0	31	02	96	02	0	132	79	0	0	9	0	0	66	69
	Dinajpur	000	0	0	00	00	96	00	0	121	78	0	0	9	0	9	65	65
	Rangpur	000	0	0	13	02	96	02	0	134	76	0	0	9	0	0	68	66
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	117	69	0	0	9	0	0	55	58
	Sialkot	000	0	0	00	0C	97	00	0	112	74	0	0	9	0	0	58	60
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	121	65	0	0	9	0	0	53	55
	Rawalpindi	000	0	0	00	00	98	00	0	122	60	0	0	9	0	0	51	53
	Campbellpur	000	0	0	00	00	98	00	0	127	62	0	0	9	0	0	49	52
Sargodha	Khushab	000	0	0	00	00	99	00	0	123	64	0	0	9	0	0	47	57
	Lyallpur	000	0	0	00	00	96	00	0	119	70	0	0	9	0	0	52	58
Multan	Montgomery	000	0	0	13	03	96	02	0	115	70	0	0	9	0	0	47	59
	Multan	000	0	0	00	00	98	02	0	105	69	0	0	9	0	0	51	64
	Leiah	000	0	0	13	02	97	00	0	111	66	0	0	9	0	0	39	55
Bahawalpur	Khanpur	000	0	0	25	02	96	02	0	106	70	0	0	9	0	0	54	60
	Bahawalpur	000	0	0	18	00	98	00	0	109	72	0	0	9	0	0	68	62
	Fort Abbas	000	0	0	18	02	98	00	0	132	73	0	0	9	0	0	54	59
Peshawar	Chakdara	000	0	0	00	00	97	00	0	122	59	0	0	9	0	0	43	54
	Peshawar	000	0	0	00	00	97	01	0	120	62	0	0	9	0	0	49	57
	Haripur	000	0	0	23	02	97	00	0	124	67	0	0	9	0	0	49	54
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	116	60	0	0	9	0	0	49	58
	D. I. Khan	000	0	0	00	00	98	00	0	114	67	0	0	9	0	0	55	58
Quetta	Sibi	000	2	0	05	03	95	05	4	122	76	0	0	9	0	0	29	67
Kalat	Nokkundi	000	0	0	09	03	xx	02	0	212	56	0	0	9	0	0	31	53
	Turbat	000	0	0	09	05	95	07	0	131	78	0	0	9	0	0	37	xx
	Jiwani	000	0	0	36	03	96	02	0	136	73	0	0	9	0	0	72	72
	Pasni	000	3	0	02	05	96	05	4	128	78	0	0	9	0	0	70	70
Karachi Division	Ormara	000	2	x	00	00	96	45	4	123	73	9	x	0	x	x	73	67
	Lasbela																	
	Karachi (Manora)	000	0	0	00	00	94	10	0	125	76	0	0	9	0	0	72	74
	Karachi (Air Port)	000	0	0	00	00	96	00	4	131	71	0	0	9	0	0	69	67
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	125	78	0	0	9	0	0	65	xx
	Umarkot	000	0	0	20	01	97	02	0	119	73	0	0	9	0	0	67	65
	Hyderabad	000	0	0	00	00	97	02	0	123	75	0	0	9	0	0	57	60
	Badin	000	0	0	23	02	97	00	0	127	72	0	0	9	0	0	71	71
Khairpur	Pad-i-dan	000	0	0	13	02	97	02	0	119	68	0	0	9	0	0	50	56
	Nawabshah	000	0	0	00	00	97	02	0	117	69	0	0	9	0	0	57	59
	Sukkur	000	0	0	00	00	94	02	0	119	73	0	0	9	0	0	60	65
	Kashmore	000	0	0	00	00	99	00	0	128	73	0	0	9	0	0	41	54
	Jacobabad	000	0	0	00	00	96	02	0	121	72	0	0	9	0	0	54	63
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	13	02	96	00	0	510	51	0	0	9	0	0	34	43
Peshawar	Drosh *	026	9	8	05	03	96	51	5	533	48	8	5	5	x	x	46	47
	Cherat *	000	0	0	13	03	98	00	0	497	60	0	0	9	0	0	34	52
	Kakul *	000	9	3	23	02	98	01	1	507	62	1	0	9	3	1	40	57
	Landi Kotal *	000	0	0	00	00	97	00	0	485	58	0	0	9	0	0	42	55
	Parachinar *	000	0	0	00	00	99	00	0	503	49	0	0	9	0	0	33	46
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	596	57	0	0	9	0	0	33	53
	Wana *	000	0	0	23	04	98	00	0	509	63	0	0	9	0	0	32	50
Quetta	Fort Sandeman *	000	0	0	25	02	99	02	0	521	60	0	0	9	0	0	29	54
	Hindubagh *	000	0	0	27	02	97	00	0	524	56	0	0	9	0	0	56	34
	Loralai *	000	0	0	00	00	99	00	0	365	54	0	0	9	0	0	31	36
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	36	02	97	00	0	532	51	0	0	9	0	0	21	39
	Chaman *	000	0	0	18	05	98	00	0	547	51	0	0	9	0	0	22	45
	Nushki *	000	0	0	00	00	98	02	0	592	58	0	0	9	0	0	37	55
	Dalbandin *	000	0	0	05	05	95	05	0	538	52	0	0	9	0	0	29	47
Kalat	Kalat *	000	0	0	16	03	58	00	0	518	43	0	0	9	0	0	09	34
	Panjgur *	000	0	0	05	05	98	02	0	531	57	0	0	9	0	0	35	52
Afghanistan	Kabul *																	
	Kandahar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	114.7	—	122.4	—
	Cox's Bazar	0	+ 3	171.7	+56.0	184.8	140
	Chittagong	0	+ 3	129.6	+46.0	170.6	108
	Maijdee Court	+ 1	+ 1	86.3	— 5.5	124.5	115
	Comilla	+ 1	+ 1	62.7	— 6.7	76.9	94
	Brahmanbaria	—	—	49.9	— 5.5	65.4	78
	Sylhet	—	—	100.0	—	—	—
	Srimangal	+ 1	+ 1	37.1	—28.1	50.8	98
Dacca	Mymensingh	+ 2	— 1	45.1	—24.0	61.4	91
	Narayanganj	+ 3	+ 1	59.2	+ 6.1	62.3	74
	Dacca (Tezgaon)	—	—	57.4	—	81.0	—
	Faridpur	+ 2	+ 1	50.1	+ 8.8	87.9	71
Khulna	Barisal	+ 3	+ 3	60.5	— 1.2	75.6	81
	Khulna	+ 5	+ 4	44.4	— 8.2	56.0	60
	Satkhira	+ 1	+ 5	40.1	—10.2	41.8	65
	Jessore	+ 3	— 1	44.5	— 3.5	55.5	65
Rajshahi	Pabna	—	—	36.9	—	41.3	59
	Sirajganj	+ 3	— 1	34.8	—14.8	40.1	64
	Bogra	+ 3	0	43.9	—11.2	51.5	69
	Dinajpur	+ 4	— 2	36.9	—23.5	51.4	72
	Rangpur	+ 4	— 1	53.7	—13.5	59.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 1	+ 5	36.2	+21.5	50.9	19
	Sialkot	+ 1	+ 4	27.6	+ 3.8	34.7	32
Rawalpindi	Jhelum	—	—	22.5	—	34.3	—
	Rawalpindi	+ 1	+ 2	38.1	+14.1	51.9	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	+ 1	— 1	7.1	— 3.3	11.1	15
	Lyallpur	— 6	+ 2	10.9	+ 1.6	13.9	12
Multan	Montgomery	+ 1	+ 2	4.6	— 2.9	10.1	10
	Multan	+ 2	+ 7	5.5	+ 0.5	7.6	7
	Leiah	—	—	—		—	8
Bahawalpur	Khanpur	+ 1	+ 3	11.1	+ 6.3	12.6	6
	Bahawalpur	+ 2	+ 6	3.0	— 1.3	4.9	6
	Fort Abbas	—	—	3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	— 1	+ 2	8.3	+ 3.8	17.3	11
	Haripur	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	+ 1	+ 3	5.1	— 0.5	7.4	9
Quetta	Sibi	—	—	3.5	—	3.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	0	+ 5	2.0	+ 1.1	5.4	4
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	4
	Lasbela						8
	Karachi (Manora)	+ 2	+ 5	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	26.1	—	27.3	—
	Umarkot	—	—	15.9	—	18.0	—
	Hyderabad	+ 4	+ 2	12.0	+ 5.9	12.9	7
	Badin	—	—	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	7.5	—	9.3	—
	Sukkur	—	—	1.1	—	2.2	4
	Kashmore	—	—	1.7	—	1.7	—
	Jacobabad	0	+ 4	6.6	+ 4.3	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						4
Arabia	Muscat						5
	Kuwait						
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	—	—	47.3	+10.2	67.8	39
Peshawar	Drosh *	—	—	4.8	—	21.7	18
	Cherat *	—	—	15.3	+ 2.9	33.4	29
	Kakul *	—	—	32.7	—	35.0	—
	Landi Kotal *	—	—	4.1	—	12.8	—
	Parachinar *	—	—	18.2	—	29.1	29
D.I. Khan	Miranshah *	—	—	3.1	— 1.7	7.7	13
	Wana *	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	+ 2	+ 4	5.1	0	11.2	11
	Hindubagh *	—	—	0.7	—	5.6	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	6.2	9
	Chaman *	— 4	— 4	0.7	+ 0.3	6.3	8
	Nushki *	—	—	1.1	—	3.8	—
	Dalbandin *	— 6	— 1	1.3	+ 1.0	2.7	4
Kalat	Kalat *	— 1	— 1	1.2	— 0.1	12.9	7
	Panjgur *	— 7	— 1	2.0	—	5.0	5
Afghanistan	Kabul *						12
	Kandahar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th OCTOBER, 1950.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sC_hh_sh_s$	OT,T$_s$T$_d$T$_d$	Id$_a$d$_a$P$_a$H$_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jaisalmir	53 242	556 06	0 34 05	98 0 20	151 84	00 9 00	...	...	...	...
Chakran	53 245	580 88	8 36 88	98 9 20	185 82	00 9 00	78 x xx	...	08 0 79	13 5 20
BAY OF BENGAL										
Jagrani	53 207	881 12	3 02 05	99 0 20	105 82	11 7 10	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_s$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	23 00	010 225 212	092 222 165	...	145 148 078	..	307 080 999	436 022 999	581 570 999	751 698 999	959 830	...	...	...
Jiwani ...														
Karachi ...	00 00	008 222 202	090 242 208	...	149 205 045	...	313 062 999	438 008 999	582 585 999	751 702 999	958 818	232 022	414 138	656 238
Lahore ...	00 00	986 208 142	092 xxx xxx	...	145 155 058	...	310 015 015	431 625 999	567 760 999	722 945 999	...	...	...	...
Multan ...														
Peshawar ...	00 00	969 152 092		...	141 162 025	...	309 035 578	432 562 682	572 658 999	737 755 999	942 842	...	...	...
Quetta ...	00 00		MISDA	...	...	..	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$						Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE: st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	23 00	900 175 108	800 129 072	734 072 562	...	...	...	...	...	...	743 072 562	...	...
Jiwani ...													
Karachi ...	00 00	900 232 162	800 162 002	...	..	...	...	...	...	...	800 162 002	...	...
Lahore ...	00 00	900 102 075	800 108 042	...	...	...	...	...	...	...	800 108 042	...	...
Multan ...													
Peshawar ...	00 00	900 182 055	880 182 045	800 122 512	...	...	...	...	...	...	800 122 512	...	...
Quetta ...	00 00		MISDA		...	...	...	...	...	...		...	...

PPP—Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	29 13	29 13	29 14	17 13	25 17	24 10	28 17	27 20	28 24	29 08	29 10	25 11	26 21	25 13	28 21	27 07	28 08	28 10	26 19	25 23	26 15	26 23	28 30	28 35	...	...
Chehlala ...	...	29 05	29 04	27 03	14 07	18 02	28 09	27 26	27 32	...	06 03	30 20	12 01	09 03	24 08	...	13 04	14 07	14 06	17 08	19 09	23 14	25 20	25 39	27 45	27 63
Chhor ...	28 03	02 02	03 06	06 07	03 03	28 11	26 21	26 27	26 29	29 14	28 10	28 05	06 01	05 04	03 12	30 06	29 08	30 06	26 01	13 07	06 12	27 11	27 16	...	...	...
Chittagong ...	29 05	30 08	31 09	33 11	28 11	...	...	...	...	02 07	02 06	35 07	30 11	26 12	27 12	02 07	01 10	01 13	34 19	31 17	36 24	26 21	27 18	27 17	...	...
Cox's Bazar ...	30 09	30 06	13 08	33 09	32 11	34 04	34 06	28 15	27 24	01 08	01 11	36 10	32 10	32 11	26 20	01 09	01 11	01 13	36 18	32 10	27 10	28 18	27 13	27 14	30 17	30 29
Dacca ...	30 13	31 15	31 12	27 15	27 13	24 10	27 12	26 16	27 23	36 04	26 02	27 08	30 15	28 13	28 15	05 05	33 03	25 14	27 12	26 21	25 23	...	...	...	...	...
Dalbandin ...	...	...	05 04	04 08	33 10	30 11	33 10	30 18	29 21	...	...	08 14	07 08	34 08	33 16	...	...	08 14	09 13	27 05	31 13	32 24	30 20	29 22	28 29	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	30 08	28 12	27 12	26 17	29 23	29 35	...	...	...	22 06	30 11	30 27	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	22 06	24 04	24 03	33 03	36 08	34 05	31 13	31 15	29 23	24 07	26 04	32 03	01 07	35 11	33 15	32 09	28 07	27 06	26 05	28 01	32 03	28 12	27 17	28 16	26 19	...
Jessore ...	32 10	32 10	30 10	31 09	28 15	26 23	...	...	...	27 06	26 10	24 08	28 10	24 16	25 17	24 06	25 05	24 08	25 11	27 14	...	...	...	...	...	...
Jhelum ...	34 01	32 03	31 03	36 04	34 04	34 06	28 15	27 24	28 28	04 03	27 01	26 03	21 05	14 04	35 03	19 01	19 04	24 04	19 07	15 07	22 13	25 15	25 25	26 37	28 37	...
Jiwani ...	28 11	30 14	33 09	01 09	02 11	05 13	34 15	10 10	09 25	35 10	35 10	35 08	01 05	02 06	04 08	06 06	06 11	06 10	35 08	36 09	06 07	30 13	28 16	28 20	...	...
Karachi ...	21 06	22 03	31 03	04 11	03 16	02 12	27 19	27 22	27 29	...	...	...	...	...	...	23 07	23 05	21 03	35 04	35 12	05 16	28 15	28 21	25 36	26 39	...
Khanpur ...	24 09	24 09	24 06	25 04	01 06	33 07	31 11	28 17	...	24 17	26 23	27 27	27 26	27 17	...	27 09	28 13	29 13	29 08	27 06	24 06	27 03	21 03	25 36	...	...
Lahore ...	34 04	32 05	32 06	32 08	31 10	33 10	28 10	28 14	28 14	28 05	26 05	24 04	26 04	29 04	32 04	15 01	15 04	16 04	21 03	29 04	26 10	27 16	26 28	26 36	27 42	...
Multan ...	19 05	17 06	16 05	24 04	29 07	29 07	30 13	30 12	28 19	23 11	25 10	30 10	30 07	28 11	27 12	33 06	32 12	12 13	31 11	31 16	27 13	27 21	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 07	03 12	03 18	33 13	28 31	27 32	...	...	...	02 12	01 12	01 09	...	...	...	01 13	34 11	34 12	27 18	29 09	27 15	...	...
Peshawar ...	...	04 07	11 08	16 07	18 07	30 03	26 10	25 11	28 13	...	08 02	14 02	21 04	25 08	28 17	...	36 09	30 05	28 04	20 09	19 07	21 12	24 18	25 19	...	...
Quetta ...	...	...	...	...	31 08	30 07	28 09	28 29	28 45	...	...	...	...	31 03	30 06	...	...	...	...	30 06	30 21	30 39	29 44	29 52	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	24 11	24 11	26 12	28 13	26 21	...	...	...	...	23 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s. l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	24 02	25 04	26 08	27 14	28 13	27 13	23 20	30 20	30 15	26 36	28 24	29 28						
Karachi ...	28 11	24 08	26 07	27 06	02 16	02 15	29 17	29 19	26 26	26 50	26 57	26 53	26 78	27 58	26 61	26 49	...	...
Peshawar ...		32 08	32 13	21 04	28 03	24 12	27 17	29 26	29 35	30 37	31 53	31 74	31 82	...	...	...	...	...
Quetta ...																		

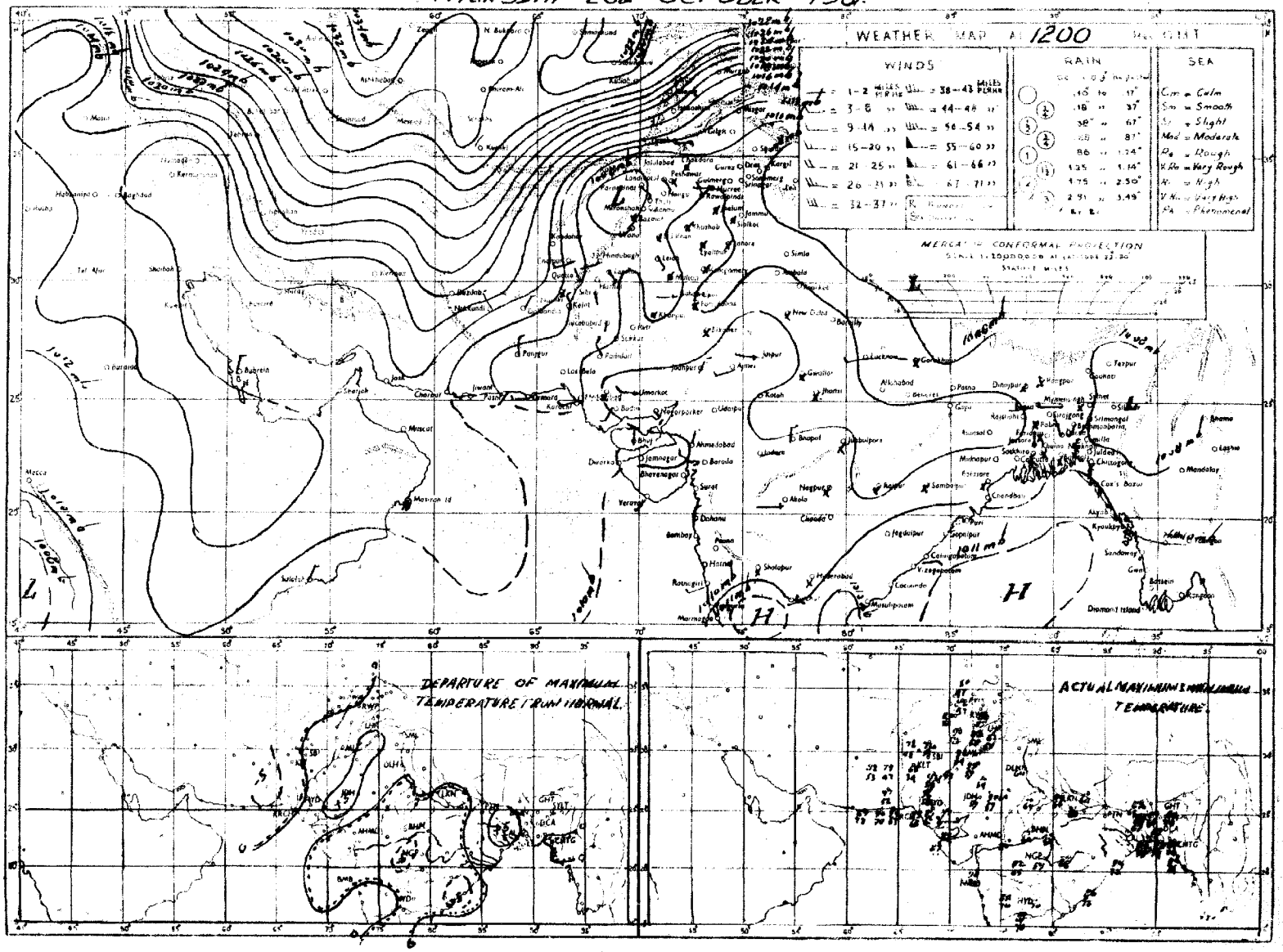
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

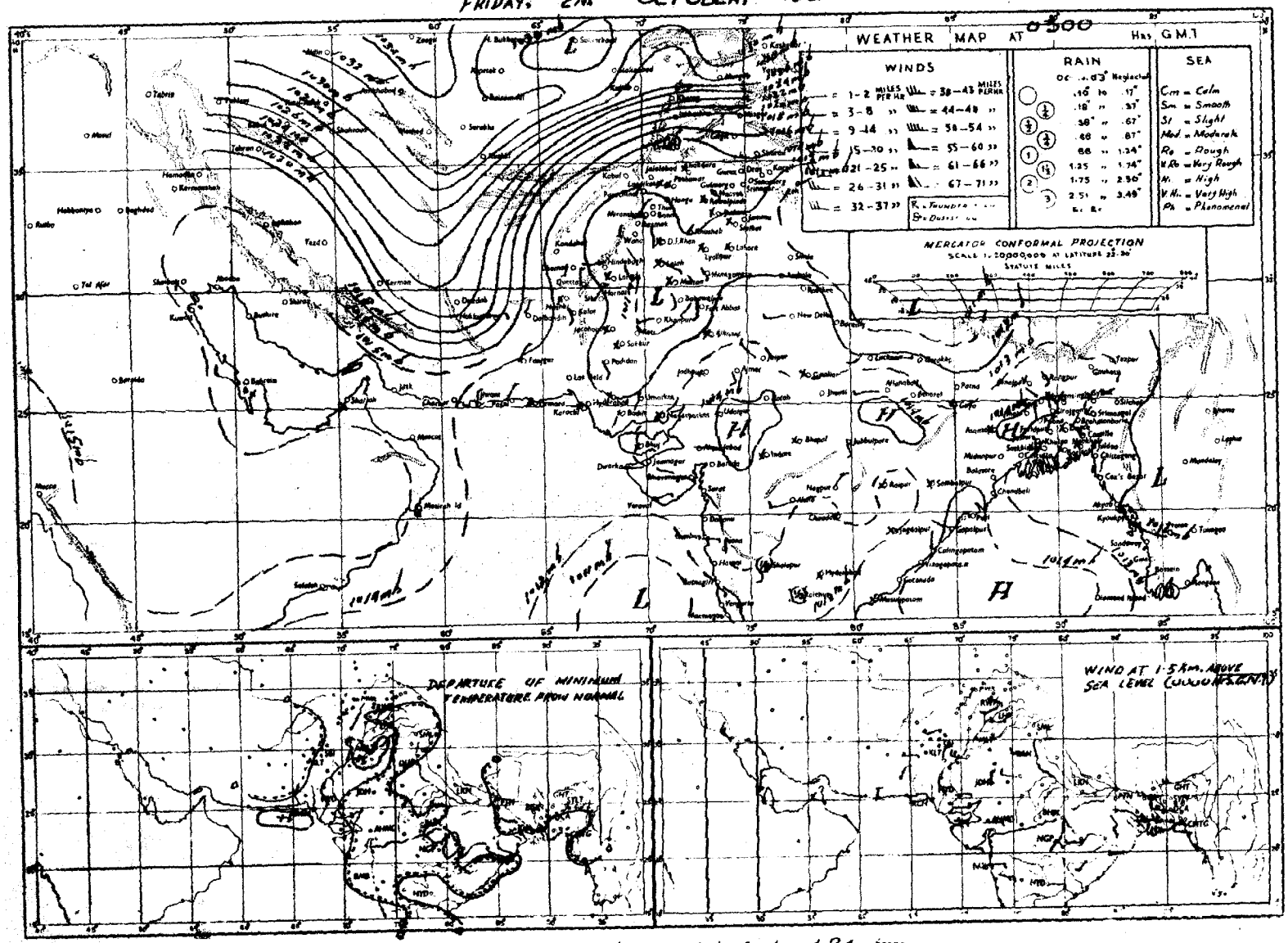
THURSDAY 26th OCTOBER 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 27th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 28th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low in east central Arabian Sea has weakened into a low and shifted slightly northwestwards.

The western disturbance north of Afghanistan is now moving across north of Kashmir. It has induced a secondary over Sargodha and Multan divisions.

Another feeble western disturbance is moving across north of Afghanistan.

Local rain/thundershowers have occured in Peshawar division. Isolated thunderstorm is also reported from D. I. Khan division.

A westerly low pressure wave is moving across Bengal and neighbourhood.

Rain/thundershowers have been local in Khulna division and scattered in Dacca division. Light rain has also been reported from Chittagong division.

Chief amounts of rainfall are:—Barisal 1"; Drosh 1/2" and Narayanganj and Khulna 1/4" each.

Night temperatures were 5–7 °F above normal in Peshawar, D. I. Khan, Rawalpindi, Khairpur, Hyderabad and Kalat divisions and were below normal to the same extent in Quetta division.

Forecast valid until the evening of 29th October, 1961:—Scattered thunderstorm/showers will occur in East Pakistan and in Peshawar, Rawalpindi, Sargodha and Lahore divisions and in Kashmir.

Karachi-11
The 28th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	09	02	xx	02	0	122	81	*	x	0	x	x	75	87
	Cox's Bazar	000	0	1	36	07	xx	01	0	098	80	1	5	5	0	0	70	86
	Chittagong	000	0	0	30	00	xx	00	0	101	80	0	0	9	0	0	73	87
	Maijdee Court	000	9	1	00	00	97	03	0	100	81	4	2	6	0	0	72	86
	Comilla	000	0	0	00	00	96	02	0	086	81	0	0	9	0	0	xx	88
	Brahmanbaria	000	0	4	00	00	xx	03	0	101	81	4	0	9	4	0	71	87
	Sylhet	000	0	1	*0	00	xx	01	0	095	79	1	1	6	0	0	67	84
	Srimangal	003	0	0	00	00	95	00	0	xxx	76	0	0	9	0	0	71	87
Dacca	Mymensingh	000	0	0	0?	00	97	00	0	102	81	0	0	9	0	0	67	86
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tezgaon)	000	3	7	00	00	97	02	6	095	79	5	5	5	2	0	72	85
	Faridpur	000	0	8	34	02	95	02	2	098	81	5	4	7	1	x	75	87
Khulna	Barisal	000	0	4	00	00	97	02	1	096	85	4	0	9	6	0	75	89
	Khulna	001	2	4	00	00	xx	02	6	098	77	4	5	6	0	0	74	84
	Satkhira	000	0	4	00	03	96	03	0	096	84	2	4	6	3	0	74	88
	Jessore	000	0	5	18	03	96	02	1	093	83	4	4	6	6	0	74	89
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	087	82	0	0	9	0	0	70	88
	Sirajganj	000	0	0	00	00	95	00	0	090	79		0	9	0	0	71	88
	Bogra	000	0	0	00	00	95	02	0	096	79	0	0	9	0	0	70	88
	Dinajpur	000	0	0	00	00	xx	00	0	101	81	0	0	9	0	0	69	89
	Rangpur	000	0	1	00	00	96	01	0	096	81	1	0	9	1	0	67	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	083	83	0	0	9	0	0	47	89
	Sialkot	000	0	0	00	00	97	00	0	077	82	0	0	9	0	0	60	88
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	074	87	0	0	9	0	0	56	88
	Rawalpindi	000	0	1	00	00	99	00	0	079	78	1	2	7	0	0	57	86
	Campbellpur	000	0	0	23	02	98	00	0	076	86	0	0	9	0	0	46	86
Sargodha	Khushab	000	0	0	00	00	99	00	0	106	87	0	0	9	0	0	53	91
	Lyallpur	000	0	0	00	00	96	00	0	083	82	0	0	9	0	0	50	82
Multan	Montgomery	000	0	0	00	00	96	00	0	076	86	0	0	9	0	0	56	92
	Multan	000	0	6	36	02	97	02	0	077	89	0	0	9	0	0	49	xx
	Leiah	000	0	0	13	02	97	00	0	048	89	0	0	9	0	0	47	91
Bahawalpur	Khanpur	000	0	0	03	00	96	02	0	074	86	0	0	9	0	0	53	94
	Bahawalpur	000	0	0	27	00	98	00	0	992	91	0	0	9	0	0	65	92
	Fort Abbas	000	0	0	27	02	98	00	0	066	85	0	0	9	0	0	49	94
Peshawar	Chakdara	000	0	0	36	05	98	00	0	084	71	0	0	9	0	0	45	77
	Peshawar	000	0	6	31	03	97	02	1	080	76	2	1	6	0	1	53	81
	Haripur	000	0	0	13	03	97	00	0	073	82	0	0	9	0	0	56	86
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	073	82	0	0	9	0	0	47	83
	D. I. Khan	000	0	0	00	00	98	00	0	059	86	0	0	9	0	0	60	90
Quetta	Sibi	000	6	0	27	07	96	07	3	980	91	0	0	5	0	0	35	95
Kalat	Nokkundi	000	0	0	34	05	98	02	0	140	78	0	0	9	0	0	43	81
	Turbat	000	0	0	05	00	98	00	0	087	93	0	0	9	0	0	76	98
	Jiwani	000	0	0	20	03	96	02	0	111	86	0	0	9	0	0	55	92
	Pasni	000	8	0	20	12	96	05	4	096	86	0	0	9	0	0	62	95
Karachi Division	Ormara	000	7	0	27	03	96	00	4	092	92	0	0	9	0	0	66	93
	Lasbela																	
	Karachi (Manora)	000	0	0	27	12	98	02	0	092	85	0	0	9	0	0	76	89
	Karachi (Air Port)	000	0	0	23	07	96	02	0	095	86	0	0	9	0	0	62	93
Hyderabad	Nagarparkar	000	0	0	16	01	97	00	0	094	91	0	0	9	0	0	77	96
	Umarkot	000	0	0	29	01	98	02	0	084	93	0	0	9	0	0	56	98
	Hyderabad	000	0	0	18	02	97	02	0	081	93	0	0	9	0	0	49	99
	Badin	000	0	0	31	02	97	00	0	064	94	0	0	9	0	0	54	00
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	082	92	0	0	9	0	0	43	99
	Nawabshah	000	0	0	00	00	97	02	0	085	95	0	0	9	0	0	47	96
	Sukkur	000	0	0	09	02	97	02	0	079	91	0	0	9	0	0	34	96
	Kashmore	000	0	0	00	00	99	00	0	155	94	0	0	9	0	0	51	93
	Jacobabad	000	0	0	23	03	97	02	0	080	93	0	0	9	0	0	57	96
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	18	05	96	00	0	491	53	0	0	9	0	0	34	62
Peshawar	Drosh *	035	7	5	00	00	97	01	6	512	51	5	8	6	0	0	47	58
	Cherat *	000	0	2	30	07	98	02	1	480	66	2	0	8	5	0	48	76
	Kakul *	000	0	3	23	05	98	02	1	491	68	2	2	0	0	1	41	75
	Landi Kotal *	000	2	6	13	04	97	29	5	479	65	6	7	7	x	x	43	72
	Parachinar *	010	2	4	05	01	99	01	1	502	54	4	0	9	4	0	37	70
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	462	76	0	0	9	0	0	39	80
	Wana *	000	0	0	23	03	99	00	0	505	73	0	0	9	0	0	28	75
Quetta	Fort Sandeman *	000	0	0	27	xx	98	01	3	498	72	0	0	9	0	0	28	76
	Hindubagh *	000	0	0	25	19	97	00	0	484	63	0	1	9	0	0	45	66
	Loralai *	000	0	0	29	07	99	00	0	389	71	0	0	9	0	0	33	75
	Harnai *	000	0	0	27	04	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	548	62	0	0	9	0	0	39	65
	Chaman *	000	0	0	27	07	98	00	0	515	67	0	0	9	0	0	15	70
	Nushki *	000	0	0	27	09	98	02	0	546	69	0	0	9	0	0	39	69
	Dalbandin *	000	0	0	07	07	96	02	0	539	79	0	0	9	0	0	27	xx
Kalat	Kalat *	000	0	0	29	05	98	00	0	499	56	0	0	9	0	0	27	62
	Panjgur *	000	0	0	36	12	96	07	0	517	72	0	0	9	0	0	35	75
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	006	0	1	09	07	98	01	1	146	81	1	'	5	0	0	71	74
	Cox's Bazar	0?0	0	1	36	02	57	01	0	133	81	1	0	9	3	0	71	72
	Chittagong	000	0	0	36	03	96	00	0	135	82	0	0	9	0	0	73	73
	Maijdee Court	005	9	0	00	00	98	07	6	132	80	0	0	9	0	0	69	71
	Comilla	000	0	0	00	00	97	02	0	134	83	0	0	9	0	0	71	71
	Brahmanbaria	000	0	2	13	02	97	01	1	137	80	2	0	9	4	0	71	73
	Sylhet	000	0	7	02	05	96	02	2	138	75	5	5	6	7	0	72	71
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	2	00	00	97	01	1	134	78	2	2	4	0	0	74	71
	Narayanganj	020	6	7	00	00	96	03	6	136	80	9	5	4	3	0	73	74
	Dacca (Tezgaon)	000	9	7	23	02	97	02	1	134	78	1	5	6	5	0	74	72
	Faridpur	000	0	8	29	02	95	02	2	138	79	6	5	7	1	0	74	72
Khulna	Barisal	090	4	0	00	00	97	02	9	134	82	0	0	9	0	0	13	73
	Khulna	010	0	0	00	03	97	00	0	134	82	0	0	9	0	0	74	72
	Satkhira	000	0	2	00	00	97	01	1	138	82	1	1	9	3	0	75	72
	Jessore	004	9	4	30	02	97	01	6	133	79	2	4	6	6	2	73	71
Rajshahi	Pabna	000	0	0	31	05	98	01	2	133	81	1	0	9	3	0	71	73
	Sirajganj	000	0	1	00	00	98	01	2	134	81	1	0	9	4	0	74	72
	Bogra	000	0	0	00	00	96	01	1	132	80	0	0	9	0	0	72	72
	Dinajpur	000	0	0	00	00	96	00	0	134	92	0	0	9	0	0	67	76
	Rangpur	000	0	0	13	02	96	01	0	132	79	0	0	9	0	0	68	68
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	03	0	100	66	0	0	9	7	0	54	63
	Sialkot	000	0	3	00	00	97	02	0	106	69	3	0	9	4	x	55	60
Rawalpindi	Jhelum	000	2	6	00	00	97	03	2	116	63	4	0	8	7	0	55	57
	Rawalpindi	000	0	6	31	02	97	03	0	115	64	6	0	9	4	8	51	56
	Campbellpur	000	0	1	00	00	98	01	1	080	65	0	0	9	1	0	50	59
Sargodha	Khushab	000	0	0	05	02	99	00	0	102	68	0	0	9	0	0	47	60
	Lyallpur	000	0	4	25	02	96	00	0	080	66	0	0	9	3	0	53	62
Multan	Montgomery	000	0	0	13	02	96	02	0	083	66	0	0	9	0	0	49	58
	Multan	000	0	3	00	00	97	03	0	087	64	0	0	9	0	2	53	60
	Leiah	000	0	0	11	02	97	03	0	075	66	0	0	9	0	0	47	55
Bahawalpur	Khanpur	000	0	0	27	02	96	02	0	090	66	0	0	9	0	0	49	57
	Bahawalpur	000	0	0	00	00	98	00	0	092	69	0	0	9	0	0	58	57
	Fort Abbas	000	0	0	23	02	98	00	0	092	72	0	0	9	0	0	45	64
Peshawar	Chakdara	000	0	0	36	02	97	00	0	125	59	0	0	9	0	0	45	56
	Peshawar	000	9	5	00	00	97	01	6	124	67	2	5	6	3	5	50	60
	Haripur	000	3	3	18	05	97	01	5	119	63	3	0	9	0	0	48	56
D. I. Khan	Bannu	000	2	8	00	00	98	17	2	116	61	0	0	9	8	0	51	58
	D. I. Khan	000	3	3	05	02	98	01	1	009	67	0	0	9	3	0	53	62
Quetta	Sibi	000	3	0	31	09	96	07	4	107	74	0	0	9	0	0	24	73
Kalat	Nokkundi	000	0	0	34	13	97	07	0	205	54	0	0	9	0	0	31	50
	Turbat	000	0	0	07	07	94	07	0	134	74	0	0	9	0	0	32	xx
	Jiwani	000	0	0	05	02	96	02	0	137	71	0	0	9	0	0	43	68
	Pasni	000	3	0	02	03	96	05	4	126	78	0	0	9	0	0	46	72
Karachi Division	Ormara	000	0	0	00	00	95	00	0	119	79	0	0	9	0	0	59	71
	Lasbela																	
	Karachi (Manora)	000	0	0	31	12	97	02	0	110	73	0	0	9	0	0	67	71
	Karachi (Air Port)	000	0	0	00	00	96	02	0	114	71	0	0	9	0	0	69	67
Hyderabad	Nagarparkar	000	0	0	31	03	97	00	0	094	81	0	0	9	0	0	74	xx
	Umarkot	000	0	0	20	02	97	02	0	099	73	0	0	9	0	0	71	66
	Hyderabad	000	0	0	23	02	97	02	0	103	77	0	0	9	0	0	69	71
	Badin	000	0	0	23	02	96	00	0	148	75	0	0	9	0	0	72	74
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	107	61	0	0	9	0	0	52	55
	Nawabshah	000	0	0	31	02	97	02	0	105	65	0	0	9	0	0	56	62
	Sukkur	000	0	0	34	05	96	02	0	097	73	0	0	9	0	0	41	67
	Kashmore	000	0	0	00	00	99	00	0	95	70	0	0	9	0	0	39	54
	Jacobabad	000	0	0	31	07	97	02	0	102	72	0	0	9	0	0	48	66
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	2	3	11	13	96	01	1	496	49	3	5	4	0	0	37	44
Peshawar	Drosh *	039	9	3	00	00	98	01	5	516	46	3	2	6	0	0	43	46
	Cherat *	000	0	4	23	09	98	03	2	486	57	4	7	6	0	0	41	53
	Kakul *	030	9	2	13	03	98	01	9	495	83	2	4	6	0	0	46	48
	Landi Kotal *	002	0	2	00	00	97	01	2	487	57	2	2	0	6	0	47	52
	Parachinar *	010	0	6	00	00	98	03	0	491	49	6	1	8	0	0	35	45
D.I. Khan	Miranshah *	000	0	2	00	00	99	02	3	495	69	2	4	9	0	0	33	56
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	1	20	01	98	01	0	513	54	1	0	9	0	4	23	48
	Hindubagh *	000	0	0	25	03	97	00	0	525	50	0	0	9	0	0	33	30
	Loralai *	000	0	4	31	03	99	00	1	384	53	0	0	9	1	2	25	29
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	31	02	96	01	0	536	48	0	0	9	0	1	10	35
	Chaman *	000	0	0	13	05	98	00	0	528	48	0	0	9	0	0	10	42
	Nushki *	000	0	0	05	05	98	02	0	530	54	0	0	9	0	0	34	50
	Dalbandin *	000	0	0	05	05	96	02	0	517	48	0	0	9	0	0	19	41
Kalat	Kalat *	000	0	0	09	02	98	00	0	504	40	0	0	9	0	0	13	30
	Panjgur *	000	0	0	05	02	98	02	0	514	58	0	0	9	0	0	31	53
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	114.7	—	122.4	—
	Cox's Bazar	0	+ 1	171.7	+55.7	184.8	140
	Chittagong	+ 2	+ 2	129.6	+45.7	170.6	108
	Maijdee Court	+ 1	+ 1	86.4	— 5.6	124.5	115
	Comilla	— 2	+ 1	62.7	— 6.9	76.9	94
	Brahmanbaria	—	—	49.9	— 4.5	65.4	78
	Sylhet	—	—	100.0	—	—	—
	Srimangal	— 1					98
Dacca	Mymensingh	+ 1	+ 1	45.1	—24.2	61.4	91
	Narayanganj		+ 2	59.4	+ 6.1		74
	Dacca (Tezgaon)	—	—	57.4	—	81.0	—
	Faridpur	+ 3	+ 1	50.1	— 1.3	87.9	71
Khulna	Barisal	+ 4	+ 2	61.4	— 0.5	76.5	81
	Khulna	+ 3	+ 2	44.5	— 8.2	56.1	60
	Satkhira	+ 1	+ 4	40.1	—10.2	61.8	65
	Jessore	+ 3	+ 1	44.5	— 3.6	55.5	65
Rajshahi	Pabna	—	—	36.9	—	41.3	59
	Sirajganj	+ 3	+ 3	34.8	—14.9	48.1	64
	Bogra	+ 3	+ 3	43.9	—11.2	51.5	69
	Dinajpur	+ 4	+ 9	34.9	—23.5	51.4	72
	Rangpur	0	— 1	53.7	—13.6	59.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 1	+ 10	36.2	+21.5	50.9	19
	Sialkot	0	+ 4	27.6	+ 3.8	34.7	32
Rawalpindi	Jhelum	—	—	22.5	—	34.3	—
	Rawalpindi	+ 1	+ 5	38.1	+14.1	51.9	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	+ 1	+ 2	7.1	— 3.3	11.1	15
	Lyallpur	— 6	+ 6	10.9	+ 1.6	13.9	12
Multan	Montgomery	+ 1	+ 1	4.6	— 2.9	10.1	10
	Multan	xx	+ 3	5.5	+ 0.5	7.6	7
	Leiah	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	+ 2	0	11.1	+ 6.3	12.6	6
	Bahawalpur	+ 1	+ 1	3.0	— 1.3	4.9	6
	Fort Abbas	—	—	3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	— 2	+ 5	8.3	+ 3.7	17.3	11
	Haripur	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	—	—	5.5	—	12.9	11
	D. I. Khan	+ 1	+ 7	5.1	— 0.5	7.4	9
Quetta	Sibi	—	—	3.5	—	5.4	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	+ 5	+ 7	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	6
	Lasbela						8
	Karachi (Manora)	+ 1	+ 2	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	26.1	—	27.3	—
	Umarkot	—	—	15.9	—	18.0	—
	Hyderabad	+ 4	+ 5	12.0	+ 5.9	12.9	7
	Badin	—	—	14.0	+ 6.8	14.8	9
Khairpur	Pad-i-dan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	7.5	—	9.3	4
	Sukkur	—	—	1.1	—	3.2	—
	Kashmore	—	—	1.7	—	1.7	4
	Jacobabad	+ 3	+ 7	6.6	+ 4.3	8.3	
Junagadh	Veraval						30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						
	Gilgit *						5
Rawalpindi	Murree *	—	—	47.3	+10.1	67.8	59
Peshawar	Drosh *	—	—	5.2	—	22.1	18
	Cherat *	—	—	15.3	+ 2.8	33.4	29
	Kakul *	—	—	33.0	—	35.3	—
	Landi Kotal *	—	—	4.1	—	12.8	—
	Parachinar *	—	—	18.3	—	29.2	29
D.I. Khan	Miranshah *	—	—	3.1	— 1.7	7.7	13
	Wana *	—					11
Quetta	Fort Sandeman *	— 3	— 2	5.1	0	11.2	11
	Hindubagh *	—	—	0.7	—	5.5	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	6.7	9
	Chaman *	— 6	— 7	0.7	+ 0.3	6.3	8
	Nushki *	—	—	1.1	—	2.8	—
	Dalbandin *	—	— 7	1.3	+ 1.0	2.7	4
Kalat	Kalat *	— 7	— 5	1.2	— 0.1	12.9	7
	Panjgur *	— 9	0	2.0	—	5.0	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isocardia	63 242	587 06	0 24 03	98 0 20	175 84	00 9 00	36 2 15	...	05 1 75	12 4 x0
Caltex Amsterdan	63 213	596 12	0 22 08	98 0 23	134 82	00 9 00	...	...	00 0 66	12 2 20
Isocardia	63 229	599 12	0 02 05	98 0 23	150 82	0: 9 10	26 7 10	...	05 1 70	10 2 x0
Aichila	63 182	572 12	1 06 05	98 0 23	125 81	11 3 00	16 7 20	...	05 1 70	10 6 21
Rimping	63 175	648 12	2 02 09	98 0 21	099 81	21 4 03	66 6 15	..	05 1 70	10 2 21
Mersaylloyd	63 247	585 13	0 00 00	98 0 20	131 84	00 9 00	37 7 01	...	00 1 88	10 0 x0
Rimpany	63 171	632 18	0 01 05	98 0 23	120 79	00 9 00	66 4 03	...	00 0 68	12 6 20
Isocardia	63 216	615 18	0 07 03	98 0 23	160 79	00 9 00	36 1 05	...	05 5 73	14 9 x0
Kempala	63 083	568 18	4 07 05	99 2 58	120 81	42 5 32	15 3 04	...	05 2 75	10 9 21
BAY OF BENGAL										
Jal Vijah	63 190	873 00	8 23 05	96 0 22	114 81	85 5 xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT$_d$T$_d$T$_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	010 242 225	094 222 182	...	142 138 028	..	307 058 599	432 022 999	576 580 999	746 715 999	953 842	...	...	...
Jiwani ...														
Karachi ...	00 00	008 212 202	090 228 202	...	141 180 990	...	311 042 998	434 532 995	576 615 998	744 722 998	954 830	226 035	408 115	655 210
Lahore ...	00 00	984 225 115	081 xxx xxx	...	147 162 005	...	313 075 538	439 008 572	583 588 999	753 662 999	963 800	247 882	...	...
Multan ...														
Peshawar ...	23 00	970 185 072	...	...	143 142 032	...	317 018 552	431 566 628	571 655 722	736 778 999	937 902	...	...	...
Quetta ...	00 00	832 028 505	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PI PTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 165 062	800 075 018	738 022 512	...	...	...	...		...	738 022 512	...	...
Jiwani ...													
Karachi ...	00 00	900 21x xxx	800 19x xxx	757 06x xxx	250 94x xxx	136 21x xxx	076 15xxxx	070 21x xxx	050 07x xxx	...	050 07x xxx	...	...
Lahore ...	00 00	900 182 045	800 142 515		...	...	...	...	...	...	800 142 515	...	...
Multan ...													
Peshawar ...	23 00	947 198 082	900 178 062	800 105 502	...	...	...	...	...	...	800 105 502	...	...
Quetta ...	00 00		MISDA	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	26 06	27 08	26 13	26 18	25 25	26 26	...	...	...	19 09	19 11	20 08	...	...	...
Chaklala ...	...	36 01	30 02	28 01	15 05	19 10	22 17	24 29	21 37	...	04 11	04 11	21 02	16 03	22 08
Chhor ...	72 04	25 03	30 02	04 06	02 05	27 15	25 24	26 34	26 35	27 20	26 19	34 15	19 08	19 05	36 17
Chittagong ...	07 09	05 09	05 08	35 09	31 16	32 06	...	...	...	33 06	30 06	30 04	27 07	24 12	25 10
Cox's Bazar ...	03 08	02 13	02 17	02 17	34 09	29 15	29 16	...	...	34 15	33 09	31 05	29 05	27 09	24 17
Dacca ...	36 06	36 03	33 03	28 09	25 08	...	...	...	...	09 04	35 02	30 06	30 12	30 15	30 12
Dalbandin ...	...	...	07 06	11 05	34 03	31 21	28 22	28 24	27 22	...	...	09 07	31 11	30 15	29 27
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 01	30 04	...	...	...	...	...	...	12 01	03 06	02 06
Fort Sandeman ...	...	...	...	30 05	28 11	26 13	28 26	27 36	...	...	...	...	24 04	32 07	29 06
Jacobabad ...	25 04	26 03	27 02	25 02	27 08	26 07	28 13	28 19	27 19	35 27	34 16	32 19	30 18	25 20	23 28
Jessore ...	33 02	31 09	30 12	29 13	24 16	24 24	29 19	27 08	28 29	23 10	23 06	27 04	28 07	28 07	27 14
Jhelum ...	25 02	20 02	20 03	20 04	18 07	22 10	25 16	26 23	27 32	32 04	14 03	15 03	17 05	15 05	24 06
Jiwani ...	15 04	03 01	04 06	33 09	33 10	34 04	29 16	28 23	27 27	05 15	05 05	03 05	02 05	31 07	31 10
Karachi ...	23 11	23 09	26 08	32 06	03 08	35 08	28 19	26 21	27 31	...	...	...	...	...	...
Khanpur ...	25 12	27 12	27 12	27 08	26 08	25 09	28 15	28 19	28 18	27 17	31 20	32 19	29 17	28 25	24 27
Lahore ...	19 02	19 03	17 03	18 04	20 04	25 17	24 16	25 17	25 20	12 11	13 12	15 12	15 11	19 04	30 07
Multan ...	12 03	28 03	28 03	27 09	27 16	27 15	24 25	27 25	...	35 12	35 13	35 15	36 18	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 09	33 06	35 15	30 16	27 17	27 23	...	...	...	35 14	34 37	33 46
Peshawar ...	...	34 07	34 06	33 03	15 07	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	30 07	30 18	28 37	27 62	25 82	...	...	...	...	30 03	30 06
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	24 11	27 12	28 15	28 18	28 17	30 12	...	...	...	17 06	17 03	15 01	29 06	22 08	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	26 09	28 03	22 05	24 07	27 07	30 09	26 21	...	...	...	...
Chaklala ...	...	25 01	04 04	12 07	10 09	15 12	...	...	...	...	...
Chhor ...	25 12	25 15	24 14	22 10	23 09	25 07	...	...	...	...	...
Chittagong ...	33 06	36 07	35 11	30 08	25 10	25 20	27 13	24 15	23 19	28 26	27 29
Cox's Bazar ...	36 09	34 10	34 09	32 06	24 08	24 21	26 16	28 18	26 17	...	...
Dacca ...	27 06	28 05	29 04	29 07	28 11	29 13	25 23	27 20	25 25	23 33	26 40
Dalbandin ...	...	...	07 08	29 07	29 16	32 19	33 29	30 31	30 41	30 54	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 06	01 02	23 17	27 17	21 21	23 27	34 37
Fort Sandeman ...	...	...	...	36 01	02 02	12 10	25 17	27 28	25 28	...	...
Jacobabad ...	34 29	35 32	...	...	...	...	...	...	...	...	...
Jessore ...	26 08	26 07	29 08	...	...	...	...	...	...	...	...
Jhelum ...	31 01	11 07	12 10	13 10	13 13	15 14	21 22	...	...	...	...
Jiwani ...	02 19	03 19	03 15	02 07	32 14	31 19	32 16	32 29	32 35	...	...
Karachi ...	02 19	03 19	03 15	02 07	32 14	31 19	32 16	32 29	32 35	...	...
Khanpur ...	03 13	03 12	03 08	23 04	23 07	22 13	23 24	24 33	25 19	...	...
Lahore ...	10 05	13 09	14 14	14 13	14 13	20 12	20 15	33 25	22 23	23 29	...
Multan ...	33 06	36 09	34 13	33 19	33 15	32 17	29 22	29 29	20 33	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 14	33 28	31 25	32 27	32 36	...	...	...
Peshawar ...	...	18 10	18 05	30 03	33 06	36 08	...	...	...	...	...
Quetta ...	...	...	...	...	28 02	29 15	29 25	29 35	30 41	30 60	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	07 03	36 01	27 01	27 05	21 08	28 14	27 26	26 32	24 29	35 37	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	17 07	03 02	31 03	29 10	29 13	28 12	26 12	27 22	25 14	27 28	26 17	25 21	...	...	...	...	...	...
Karachi ...	25 15	25 12	25 11	27 12	31 14	30 12	30 47	27 38	27 28	26 81	27 82	26 81	77 01	26 93	26 74	27 55	26 50	28 70
Peshawar ...		01 05	01 06	36 03	34 04	19 07	31 21	29 43	27 48	27 72	26 83	76 20	...	...	...	...	...	...
Quetta ...																		

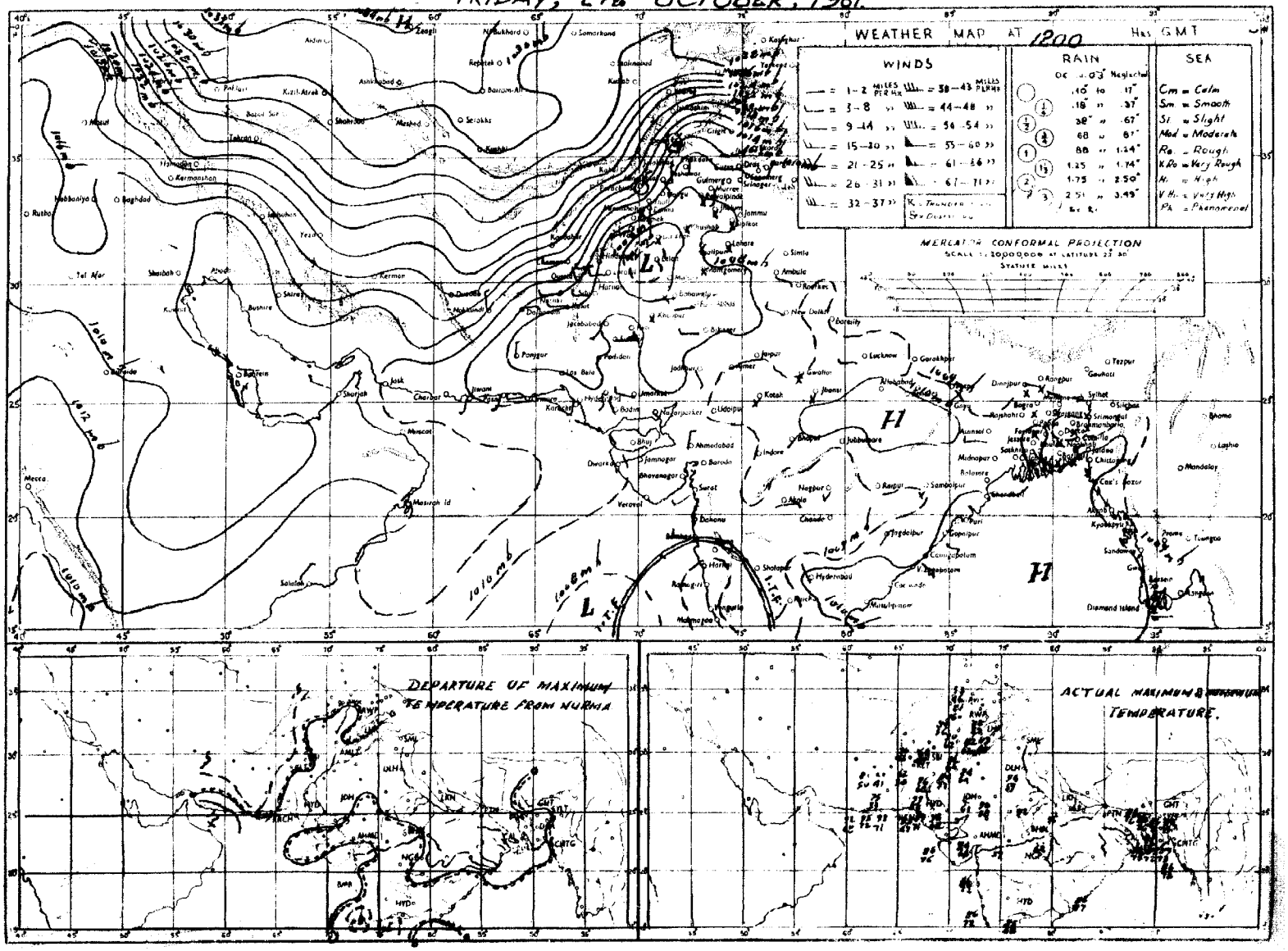
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

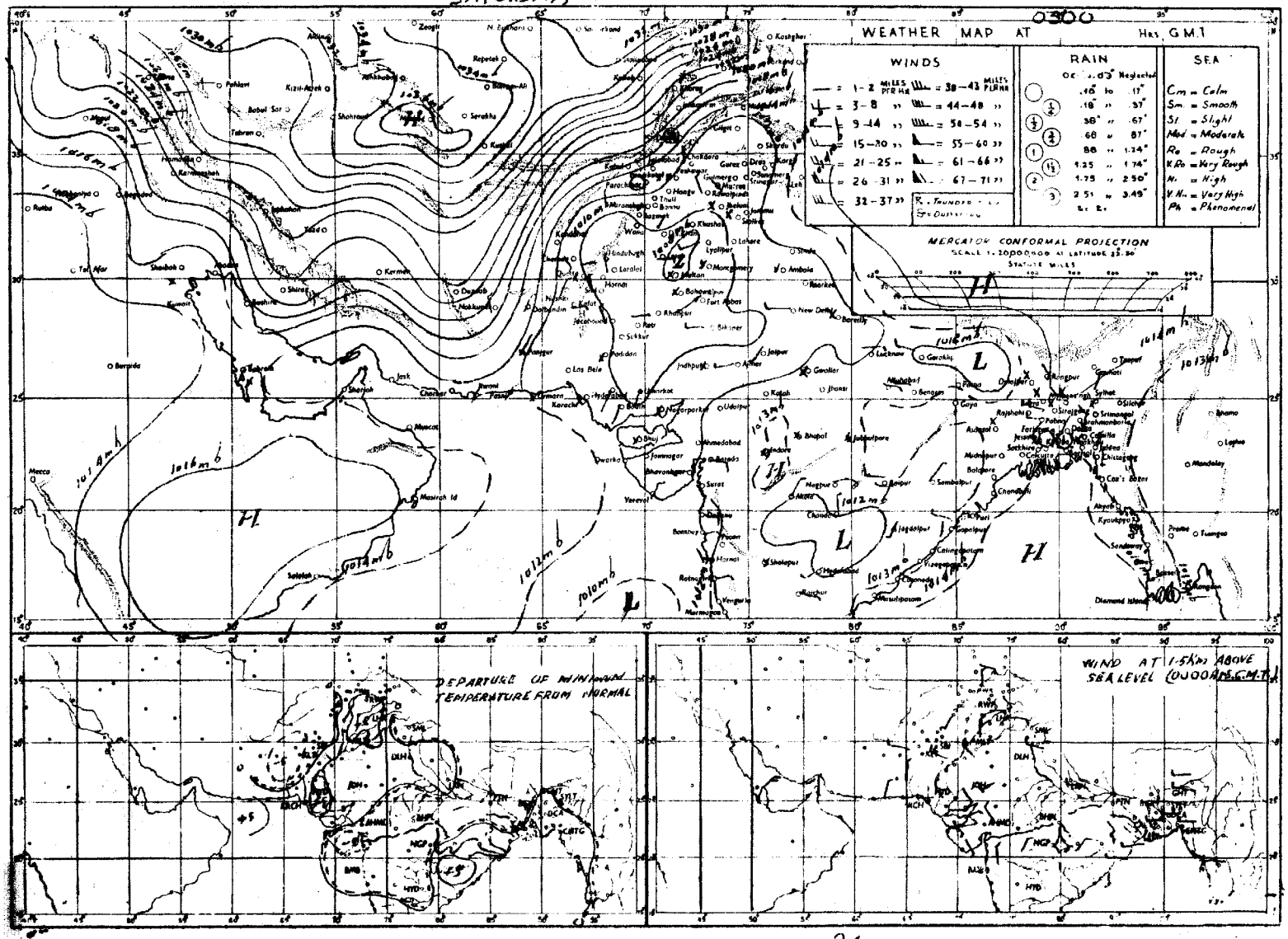
FRIDAY, 27th OCTOBER, 1961



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 28th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 29th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low in the east central Arabian Sea has weakened into a trough over there.
The **secondary** western disturbance over Sargodha division is now moving away across southeast Kashmir and neighbourhood with its trough extending Rajisthan.
Western disturbance north of Afghanistan is moving across north of Peshawar division.
Rain/thundershowers have been widespread in Rawalpindi and Sargodha divisions. Local in Lahore, Peshawar divisions and scattered in D. I. Khan division.
Westerly low pressure wave west Bengal has moved away northeast-wards.
Chief amounts of rainfall are:—Bannu 1"; Drosh and Peshawar ¾" each Murree and Kakul 1/2" each, Sialkot, Rawalpindi and Landikotal 1/4" each.
Night temperatures were 5–8 °F above normal in Bahawalpur, Multan, Sargodha, Lahore and Rawalpindi divisions. and 8–14°F below normal over Quetta and Kalat divisions outside coast and 4–5°F so over Khairpur, Hyderabad and Karachi divisions.
Forecast valid until the evening of 30th October, 1961:—Thunderstorms/sohwers will be local in Rawalpindi division and Kashmir and be scattered in Peshawar and Lahore division.

Karachi-11
The 29th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	03	1	114	81	9	x	0	x	x	69	87
	Cox's Bazar	000	0	2	36	02	xx	03	0	101	81	1	1	6	3	0	74	86
	Chittagong	000	0	0	00	00	xx	00	0	105	81	0	0	9	0	0	68	87
	Maijdee Court	000	0	9	36	02	xx	00	1	114	81	9	x	0	x	x	69	87
	Comilla	000	0	0	00	00	96	02	0	092	79	0	0	9	0	0	70	87
	Brahmanbaria	000	0	0	00	00	xx	01	1	108	80	1	5	5	0	0	71	86
	Sylhet	000	0	1	00	00	xx	01	0	103	78	1	2	6	0	0	69	83
	Srimangal	000	0	0	00	00	95	00	0	xxx	74	0	0	9	0	0	69	90
Dacca	Mymensingh	000	0	0	00	00	97	00	0	109	80	0	0	9	0	0	69	87
	Narayanganj	000	9	0	00	00	xx	05	0	102	82	0	0	9	0	0	67	90
	Dacca (Tejgaon)	000	0	1	00	00	96	02	0	101	80	1	1	6	0	0	67	87
	Faridpur	000	0	2	00	00	95	01	1	101	81	2	4	6	0	0	74	86
Khulna	Barisal	000	0	0	00	00	97	02	2	102	86	0	0	9	0	0	75	88
	Khulna	000	0	0	00	00	xx	00	0	102	81	0	0	9	0	0	71	84
	Satkhira	000	0	6	00	00	96	03	1	100	84	5	4	6	3	0	75	88
	Jessore	000	0	8	18	02	96	03	2	097	81	6	8	5	x	x	72	88
Rajshahi	Pabna	000	0	0	00	00	xx	01	1	100	83	0	0	9	0	0	70	89
	Sirajganj	000	0	0	00	00	95	00	0	101	80	0	0	9	0	0	69	89
	Bogra	000	0	0	00	00	96	02	1	103	78	0	0	9	0	0	71	88
	Dinajpur	000	0	0	00	00	xx	00	0	096	82	0	0	9	0	0	67	90
	Rangpur	000	0	1	00	00	96	01	0	105	81	1	2	6	0	0	71	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	[illegible]	8	4	13	03	96	01	1	061	82	1	0	9	1	4	51	87
	Sialkot	000	0	0	00	00	97	00	0	063	81	0	0	9	0	0	53	65
Rawalpindi	Jhelum	000	0	2	13	03	97	02	1	063	81	0	0	9	0	1	53	86
	Rawalpindi	000	0	7	27	02	98	02	2	080	72	4	5	6	9	8	51	60
	Campbellpur	000	0	6	31	04	98	02	2	085	73	0	0	9	6	0	41	76
Sargodha	Khushab	000	0	6	26	03	99	03	2	062	83	0	0	9	0	7	49	86
	Lyallpur	000	0	0	20	02	96	00	0	043	86	0	0	9	0	0	46	86
Multan	Montgomery	000	0	0	00	00	96	00	0	052	88	0	0	9	0	0	48	89
	Multan	000	0	0	00	00	98	02	0	055	85	0	0	9	0	0	57	87
	Leiah	000	0	0	36	05	96	03	6	048	89	0	0	9	1	0	46	xx
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	056	83	0	0	9	0	0	51	85
	Bahawalpur	000	0	0	36	02	98	00	0	948	89	0	0	9	0	0	62	91
	Fort Abbas	000	0	0	20	02	98	00	0	050	89	0	0	9	0	0	50	95
Peshawar	Chakdara	000	0	4	09	02	97	00	0	100	64	4	0	9	4	0	45	71
	Peshawar	000	5	7	31	07	98	02	6	119	66	5	9	6	7	0	49	72
	Haripur	000	4	5	13	05	97	03	2	083	70	5	0	9	3	0	59	74
D.I. Khan	Bannu	097	9	5	29	20	98	03	2	084	74	0	0	9	5	0	44	74
	D. I. Khan	000	2	4	05	02	98	03	0	063	80	0	0	9	2	0	57	83
Quetta	Sibi	000	0	0	31	08	96	00	0	060	85	0	0	9	0	0	55	87
Kalat	Nokkundi	000	0	0	34	23	96	07	3	057	64	0	0	9	0	0	34	67
	Turbat	000	0	0	05	05	96	07	0	091	85	0	0	9	0	0	29	92
	Jiwani	000	0	0	18	10	96	02	0	105	77	0	0	9	0	0	73	89
	Pasni	000	8	0	20	07	96	05	4	096	85	0	0	9	0	0	54	92
Karachi Division	Ormara	000	8	0	21	07	95	05	4	086	83	0	0	9	0	0	68	91
	Lasbela																	
	Karachi (Manora)	000	0	0	31	16	96	02	0	075	84	0	0	9	0	0	69	88
	Karachi (Air Port)	000	0	0	27	12	96	05	0	076	88	0	0	9	0	0	38	94
Hyderabad	Nagarparkar	000	0	0	29	03	97	00	0	062	88	0	0	9	0	0	77	93
	Umerkot	000	0	0	23	03	98	02	0	060	90	0	0	9	0	0	58	95
	Hyderabad	000	0	0	00	00	97	02	0	060	90	0	0	9	0	0	51	94
	Badin	000	0	0	23	02	97	00	0	077	92	0	0	9	0	0	60	xx
Khairpur	Padidan	000	0	0	00	00	97	02	0	074	88	0	0	9	0	0	27	90
	Nawabshah	000	0	0	00	00	97	02	0	078	90	0	0	9	0	0	33	92
	Sukkur	000	0	0	25	03	96	02	0	065	85	0	0	9	0	0	31	87
	Kashmore	000	0	0	00	00	99	00	0	066	88	0	0	9	0	0	49	90
	Jacobabad	000	0	0	31	02	96	02	0	067	85	0	0	9	0	0	41	88
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	7	11	09	95	02	1	477	52	5	5	4	5	0	36	58
Peshawar	Drosh *	000	4	8	23	05	96	03	2	500	56	8	5	6	x	x	34	61
	Cherat *	005	8	6	34	24	97	03	5	465	54	6	7	6	0	0	37	69
	Kakul *	000	4	7	31	05	98	03	5	483	59	5	4	6	0	2	46	67
	Landi Kotal *	008	4	8	00	00	96	21	6	476	53	8	0	9	7	x	49	62
	Parachinar *	000	0	6	23	01	98	03	1	499	51	6	0	8	6	0	39	62
D.I. Khan	Miranshah *	000	0	8	00	00	98	02	3	474	68	8	4	8	0	0	43	72
	Wana *	000	0	0	00	00	90	00	0	505	50	0	0	9	0	0	28	xx
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	471	68	0	0	9	0	0	23	69
	Hindubagh *	000	0	0	00	00	97	00	0	456	55	0	0	9	0	0	17	58
	Loralai *	000	0	0	00	00	99	01	0	336	65	0	0	9	0	0	33	69
	Harnai *	000	0	0	09	01	xx	xx	x	xxx	xx	x	x	x	x	x	xx	xx
	Quetta *	000	0	0	03	02	96	00	0	526	xx	0	0	9	0	0	38	64
	Chaman *	000	0	0	23	05	98	00	0	496	56	0	0	9	0	0	13	58
	Nushki *	000	0	0	05	19	97	02	0	555	59	0	0	9	0	0	34	64
	Dalbandin *	000	0	0	34	05	94	05	0	509	70	0	0	9	0	0	16	71
Kalat	Kalat *	000	0	0	31	03	98	00	0	479	47	0	0	9	0	0	07	51
	Panjgur *	000	0	0	36	12	96	07	0	512	64	0	0	9	0	0	03	65
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	3	1	36	02	98	01	4	154	75	1	1	5	0	0	67	70	—	—	114.7	—	122.4	—
	Cox's Bazar	000	0	1	05	05	97	02	0	130	79	1	1	9	3	0	69	70	0	— 1	171.7	+55.3	184.5	140
	Chittagong	000	0	1	09	03	96	01	1	137	78	1	0	7	0	1	71	68	+ 2	— 3	129.6	+45.4	170.6	108
	Maijdee Court	000	9	0	00	00	98	00	4	142	79	0	0	9	0	0	72	68	+ 2	— 2	66.4	— 5.9	124.5	115
	Comilla	000	0	0	00	00	97	00	0	143	82	0	0	9	0	0	68	80	+ 1	+ 10	62.6	— 7.0	76.9	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					73
	Sylhet	000	0	3	09	05	96	02	2	138	75	1	6	7	0	0	68	66	—	—	100.0	—	—	—
	Srimangal	000	0	0	36	02	96	00	0	xxx	81	0	0	9	0	0	71	78	+ 2	+ 11	—	—	—	98
Dacca	Mymensingh	000	0	4	09	02	97	01	1	148	80	0	0	9	0	9	73	69	+ 2	— 1	45.1	—24.3	61.4	91
	Narayanganj	000	0	3	00	00	96	01	0	143	85	0	0	9	0	7	68	73	+ 4	+ 1	59.4	+ 6.0	62.4	74
	Dacca (Tejgaon)	000	0	2	00	00	96	02	0	135	82	2	0	9	3	0	70	69	—	—	57.4	—	81.0	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					81
	Khulna	000	0	4	00	00	96	01	2	140	81	4	5	7	0	0	75	73	+ 3	+ 3	44.5	— 8.7	58.9	68
	Satkhira	000	0	0	00	00	97	02	2	141	82	3	2	6	3	0	73	73	+ 1	+ 5	40.2	—10.3	61.8	65
	Jessore	000	0	7	13	03	96	03	1	136	80	7	5	6	0	0	74	71	+ 2	+ 1	44.5	— 3.7	55.5	65
Rajshahi	Pabna	000	0	7	18	02	97	03	2	140	78	7	0	9	9	0	73	72	—	—	36.9	—	41.3	59
	Sirajganj	000	0	7	00	03	97	02	2	141	79	7	0	9	4	0	71	70	+ 4	— 1	34.8	—14.9	48.1	64
	Bogra	000	0	7	00	00	96	03	2	143	79	3	5	5	7	0	73	71	+ 3	+ 2	43.9	—11.3	51.5	69
	Dinajpur	000	7	4	00	00	96	02	2	137	78	4	0	9	2	0	71	69	+ 5	— 2	34.9	—23.6	51.4	72
	Rangpur	000	0	6	05	02	96	01	2	153	73	4	5	6	2	0	71	71	+ 1	— 3	53.7	—13.7	59.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	7	13	02	96	02	2	115	67	2	5	7	7	0	55	61	— 3	+ 8	36.2	+21.5	50.9	19
	Sialkot	022	2	5	13	09	97	01	6	112	67	5	5	6	x	x	57	63	— 3	+ 7	27.8	+ 4.0	35.0	32
Rawalpindi	Jhelum	003	4	8	36	05	96	95	9	122	64	4	3	6	2	x	46	61	—	—	22.5	—	34.3	—
	Rawalpindi	030	6	7	05	12	98	50	9	142	61	6	5	7	4	0	49	56	— 5	+ 5	38.4	+14.4	52.1	36
	Campbellpur	000	0	7	05	04	98	03	2	174	60	0	0	9	7	0	48	54	—	—	10.8	—	11.8	—
Sargodha	Khushab	000	0	0	05	05	99	00	0	106	69	0	0	9	0	0	46	64	— 4	+ 6	7.1	— 3.3	11.1	15
	Lyallpur	000	3	6	20	03	96	02	9	078	70	6	7	8	0	0	52	64	— 2	+ 8	10.9	+ 1.6	13.9	12
Multan	Montgomery	000	0	5	13	02	96	03	0	083	69	5	3	9	2	0	53	58	— 2	+ 1	4.6	— 2.9	10.1	10
	Multan	000	0	0	36	07	97	02	0	094	65	0	0	9	0	0	52	62	— 3	+ 7	5.5	+ 0.5	7.6	7
	Leiah	000	9	0	36	08	97	00	3	111	65	0	0	9	0	0	44	55	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	000	0	0	05	07	96	02	0	092	67	0	0	9	0	0	43	56	— 7	— 1	11.1	+ 6.3	12.6	6
	Bahawalpur	000	0	0	02	02	98	00	0	085	64	0	0	9	0	0	57	61	0	+ 5	3.0	— 1.3	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	085	68	0	0	9	0	0	53	64	—	—	3.1	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	127	58	0	0	9	0	0	49	54	—	—	12.2	—	25.3	—
	Peshawar	069	9	7	23	03	98	60	9	138	59	6	9	6	1	0	53	56	— 11	+ 1	9.0	+ 4.4	18.0	11
	Haripur	000	5	5	13	05	95	03	5	143	60	5	6	6	0	0	53	54	—	—	27.2	—	28.6	—
D.I. Khan	Bannu	097	0	3	00	00	99	02	1	123	59	0	0	9	3	0	49	58	—	—	6.4	—	13.9	11
	D. I. Khan	000	3	4	00	00	98	01	1	115	63	0	0	9	4	0	54	58	— 6	+ 3	5.1	— 0.5	7.4	9
Quetta	Sibi	000	0	0	31	02	97	00	0	106	68	0	0	9	0	0	30	65	—	—	3.5	—	5.6	5
Kalat	Nokkundi	000	0	0	34	09	97	00	3	117	46	0	0	9	0	0	28	44	—	—	0.1	—	1.0	2
	Turbat	000	0	0	09	02	95	07	0	138	66	0	0	9	0	0	23	xx	—	—	4.6	—	11.3	—
	Jiwani	000	0	1	15	02	96	02	0	145	69	0	0	9	0	0	45	66	—	—	0.3	—	3.8	5
	Pasni	000	3	0	29	00	95	05	4	147	66	0	0	9	0	0	35	64	+ 2	— 1	2.0	+ 1.1	5.4	6
Karachi Division	Ormara	000	9	●	27	02	94	05	4	134	70	0	0	9	0	0	45	64	—	—	4.4	+ 3.6	9.9	6
	Lasbela																							8
	Karachi (Manora)	000	0	0	31	16	95	05	0	114	67	0	0	9	0	0	43	65	+ 1	— 4	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	000	0	0	29	07	96	06	0	115	69	0	0	9	0	0	06	64	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	28	03	97	00	0	090	75	0	0	9	0	0	60	xx	—	—	26.1	—	27.3	—
	Umerkot	000	0	0	20	01	97	02	0	083	69	0	0	9	0	0	67	64	—	—	15.9	—	18.0	—
	Hyderabad	000	0	0	00	00	94	05	0	100	67	0	0	9	0	0	34	62	— 1	— 4	12.0	+ 5.9	12.9	7
	Badin	000	0	0	31	02	97	00	0	095	65	0	0	9	0	0	50	62	—	—	14.0	+ 6.8	14.8	9
Khairpur	Padidan	000	0	0	31	05	96	02	0	109	58	0	0	9	0	0	39	47	—	—	9.6	—	11.1	—
	Nawabshah	000	0	0	31	02	97	02	0	108	62	0	0	9	0	0	32	57	—	—	7.5	—	9.3	—
	Sukkur	000	0	0	00	00	96	02	0	091	64	0	0	9	0	0	46	59	—	—	1.1	—	2.2	4
	Kashmore	000	0	0	05	03	99	00	0	094	70	0	0	9	0	0	45	57	—	—	1.7	—	1.7	—
	Jacobabad	000	0	0	31	03	96	02	0	098	63	0	0	9	0	0	38	55	— 5	— 4	6.6	— 4.3	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	052	2	8	09	19	96	03	9	516	37	8	9	3	x	x	36	35	—	—	47.9	+10.7	68.4	59
Peshawar	Drosh *	084	9	8	00	00	95	50	6	536	41	8	7	5	x	x	40	40	—	—	6.0	—	23.0	18
	Cherat *	005	0	7	31	05	97	03	2	484	50	7	7	6	0	0	42	45	—	—	15.4	+ 2.9	33.4	29
	Kakul *	060	7	8	26	12	96	61	9	513	47	8	9	4	x	x	46	46	—	—	33.9	—	56.9	—
	Landi Kotal *	018	0	8	00	00	97	03	2	495	51	8	0	9	7	x	47	48	—	—	4.3	—	13.0	—
	Parachinar *	000	0	2	00	00	99	01	1	499	42	2	1	9	0	0	32	39	—	—	18.3	—	29.2	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	476	51	0	0	9	0	0	41	50	—	—	3.1	— 1.7	7.7	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	3	16	01	98	03	0	505	50	3	0	8	3	0	20	49	— 10	— 1	5.1	+ 0.0	11.2	11
	Hindubagh *	000	0	0	23	02	97	00	0	497	41	0	0	9	0	0	10	28	—	—	0.8	—	5.6	—
	Loralai *	000	0	3	29	03	99	00	1	391	50	0	0	9	1	1	34	28	—	—	2.7	—	5.6	9
	Harnai *	000	0	0	27	02	95	01	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	21.1	+13.4	34.7	14
	Quetta *	000	0	0	36	02	96	00	0	513	41	0	0	9	0	0	19	30	—	—	1.6	+ 0.5	6.2	9
	Chaman *	000	0	0	23	07	98	00	0	508	41	0	0	9	0	0	05	35	— 18	— 14	0.7	+ 0.3	6.3	8
	Nushki *	000	0	0	05	09	98	02	0	543	47	0	0	9	0	0	23	39	—	—	1.0	—	3.8	—
	Dalbandin *	000	0	0	16	02	97	05	4	504	41	0	0	9	0	0	12	40	— 14	— 8	1.3	+ 1.0	2.7	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	501	32	0	0	9	0	0	28	22	— 18	— 13	1.2	— 0.1	12.9	7
	Panjgur *	000	0	0	00	00	98	02	0	505	48	0	0	9	0	0	10	42	— 19	— 11	2.0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D,V, a PP	8 $N_ch_ch_s$	OT,T,T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isocardia	73 192	632 05	0 27 04	98 0 20	160 82	00 9 00	36 1 05	...	05 1 72	12 7 20
Dando	73 162	536 06	5 05 08	98 0 30	153 81	48 4 00	15 3 10	...	05 2 81	xx x xx
Merseyloyd	73 122	617 06	1 32 05	98 0 11	149 81	31 4 00	37 1 08	...	05 1 73	13 0 21
Bengalen	73 239	613 06	0 04 15	98 0 20	129 85	00 9 00	26 2 02	...	00 3 69	10 4 22
Dondo	73 169	552 12	0 14 02	xx x xx	130 85	00 9 00	13 7 12	..	00 2 82	11 3 22
Merseyloyd	73 209	633 12	1 30 08	98 0 20	121 27	11 5 00	37 5 03	..	05 2 72	13 0 21
Rempang	73 158	582 12	0 01 02	98 0 00	104 81	00 9 00	66 6 13	...	05 2 68	10 1 20
Isocardia	73 181	644 12	1 24 08	98 0 10	140 81	12 5 00	36 7 06	...	05 2 68	13 4 21
Mahdi	73 240	671 12	1 29 02	99 0 10	144 85	44 x xx	...	...	...	...
Bengalin	72 232	629 12	0 04 09	98 0 00	103 81	00 9 00	26 6 09	...	05 2 61	10 4 22
Nerseyloy	73 195	651 18	1 27 05	98 1 20	138 81	18 5 00	37 1 05	...	00 1 72	12 7 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 275 235	111 215 148	...	147 112 168	..	310 050 990	435 005 995	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	006 198 102	074 212 992	...	140 155 998	...	308 060 790	434 015 998	578 575 992	749 660 590	960 785	...	...	...
Lahore ...	00 00	985 212 115	081 xxx xxx	...	145 162 055	...	311 022 545	431 555 995	574 628 995	741 720 990	949 820	...	...	...
Multan ...														
Peshawar ...	00 00	970 145 088	...	...	143 122 025	...	309 058 555	431 515 662	576 572 995	746 678 995	956 812	282 992	...	...
Quetta ...	00 00	832 005 595	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	xxxxx xxx	...	...
Jiwani ...													
Karachi ...	00 00	900 175 998	800 145 992	...	...	...	...	...	...	...	800 145 992	...	...
Lahore ...	00 00	900 200 060	800 105 505	...	...	...	...	...	...	...	800 105 505	...	...
Multan ...													
Peshawar ...	00 00	929 162 012 MISDA	900 152 058	800 108 502	...	...	...	...	...	...	800 108 502	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP - Pressure in hundreds tens and units of millibars.

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

Sc : Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	29 06	29 04	30 06	29 05	31 04	26 07	...	...	...	05 04	04 04	04 04	xx xx	32 04	34 07	04 05	01 03	36 04	01 05	...	...	...	...	...	...	...
Chaklala ...	...	31 07	35 06	01 05	07 04	13 07	12 09	...	...	...	05 08	07 10	12 10	...	...	...	06 17	xx xx	08 09	19 08	...	...	...	...	...	...
Chhor ...	23 13	23 15	23 12	25 12	23 12	...	...	...	...	28 13	29 13	28 12	24 23	24 24	22 08	25 08	25 07	25 07	33 10	28 19	28 27	25 23	28 39	28 47	...	...
Chittagong ...	36 02	36 04	03 06	29 10	27 17	26 24	...	...	...	01 13	01 13	02 13	26 06	23 12	27 07	04 09	04 09	32 09	25 12	24 13	26 05	24 17	23 21	24 21	24 24	24 25
Cox's Bazar ...	01 11	01 13	02 13	35 11	29 08	...	...	...	...	02 16	01 18	01 13	06 66	22 08	24 18	02 10	02 10	05 07	19 05	≤0 06	23 15	26 12	25 14	27 15	...	...
Dacca ...	28 03	27 04	27 05	27 08	28 12	31 17	27 17	26 18	25 28	13 03	13 02	33 01	31 05	30 17	25 14	34 04	32 04	32 02	31 06	32 03	26 05	24 27	25 29	25 32	26 28	24 [illegible]
Dalbandin ...	...	...	18 11	27 03	32 07	32 23	...	...	...	...	...	08 02	03 02	35 10	34 23	...	...	07 09	08 09	35 10	34 32	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	22 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	27 02	28 02	05 05	13 19	24 31	24 32	No	...	...	Ascent	...	...	...	...	...	...	05 06	...	...	...	...	...	...
Hoobebad ...	28 06	29 06	30 07	31 12	29 12	27 15	28 22	28 26	28 31	...	...	...	24 05	05 05	28 05	...	...	...	...	01 09	36 06	14 03	32 02	13 06	...	...
Jacobabad ...	04 01	03 02	36 03	33 03	...	...	...	...	...	34 19	36 11	01 09	05 03	13 05	20 06	26 03	05 06	06 09	xx xx	61 05	01 11	30 19	...	...	...	...
Jessore ...	10 04	12 07	12 06	16 13	17 19	19 13	22 11	22 15	22 17	16 06	15 05	13 05	35 01	27 07	28 04	15 04	15 04	13 04	...	...	...	...	...	...	...	...
Jhelum ...	17 03	09 05	01 10	34 19	32 28	32 20	33 29	32 35	32 38	12 03	19 13	20 16	...	...	...	36 15	03 19	05 14	11 15	...	...	...	...	...	...	...
Jiwani ...	30 16	32 12	33 10	32 16	30 22	29 28	30 26	31 35	31 40	03 16	01 17	01 15	35 15	33 23	32 27	02 09	01 14	36 15	36 16	35 12	33 18	32 35	31 32	32 40	...	...
Karachi ...	31 07	32 05	32 06	29 09	19 21	21 17	21 14	21 24	21 27	04 27	06 15	08 12	08 11	11 08	12 06	34 08	34 13	35 14	...	...	...	...	...	...	...	...
Khanpur ...	11 07	11 13	14 12	16 12	17 12	20 08	20 19	22 17	24 15	12 10	14 19	16 18	18 18	16 22	...	02 15	02 17	02 19	36 12	31 10	32 15	...	...	...	...	...
Lahore ...	28 06	30 07	30 07	24 11	23 19	22 23	...	...	...	02 10	02 31	02 13	05 08	...	...	24 04	19 10	18 14	21 18	17 17	17 19	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	01 12	02 11	03 11	14 06	15 09	14 14	17 19	19 15	22 15	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 13	33 19	31 23	...	...	...	...	...	...	35 21	34 31	34 38	...	...	...	36 12	36 32	36 36	33 34	30 37	31 45	...	...
Peshawar ...	...	30 09	11 15	33 17	31 09	...	...	...	...	...	...	...	...	30 01	29 07	...	...	33 19	33 15	01 08	09 20	...	...	...	...	...
Quetta ...	...	...	...	...	28 05	29 04	28 33	26 54	25 72	...	...	...	...	...	...	...	...	...	...	...	29 05	31 12	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	14 03	18 01	23 01	26 01	26 08	...	...	...	...	...	...	...	...	...	...	12 04	12 04	12 03	07 03	36 05	...	...	...	...	...	...
Varvad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	17 02	09 03	35 02	35 03	31 06	29 05	25 14	25 25	25 45	24 43								
Karachi ...	31 5	30 33	31 31	31 31	30 36	29 43	24 52	28 56	29 71	29 83	28 89	26 96	26 84	...	...	...	...	...
Peshawar ...		34 21	07 25	33 10	30 06	19 03	22 24	19 35	19 27	18 39	16 33	22 33	27 42	27 44	27 43	...	...	...
Quetta ...																		

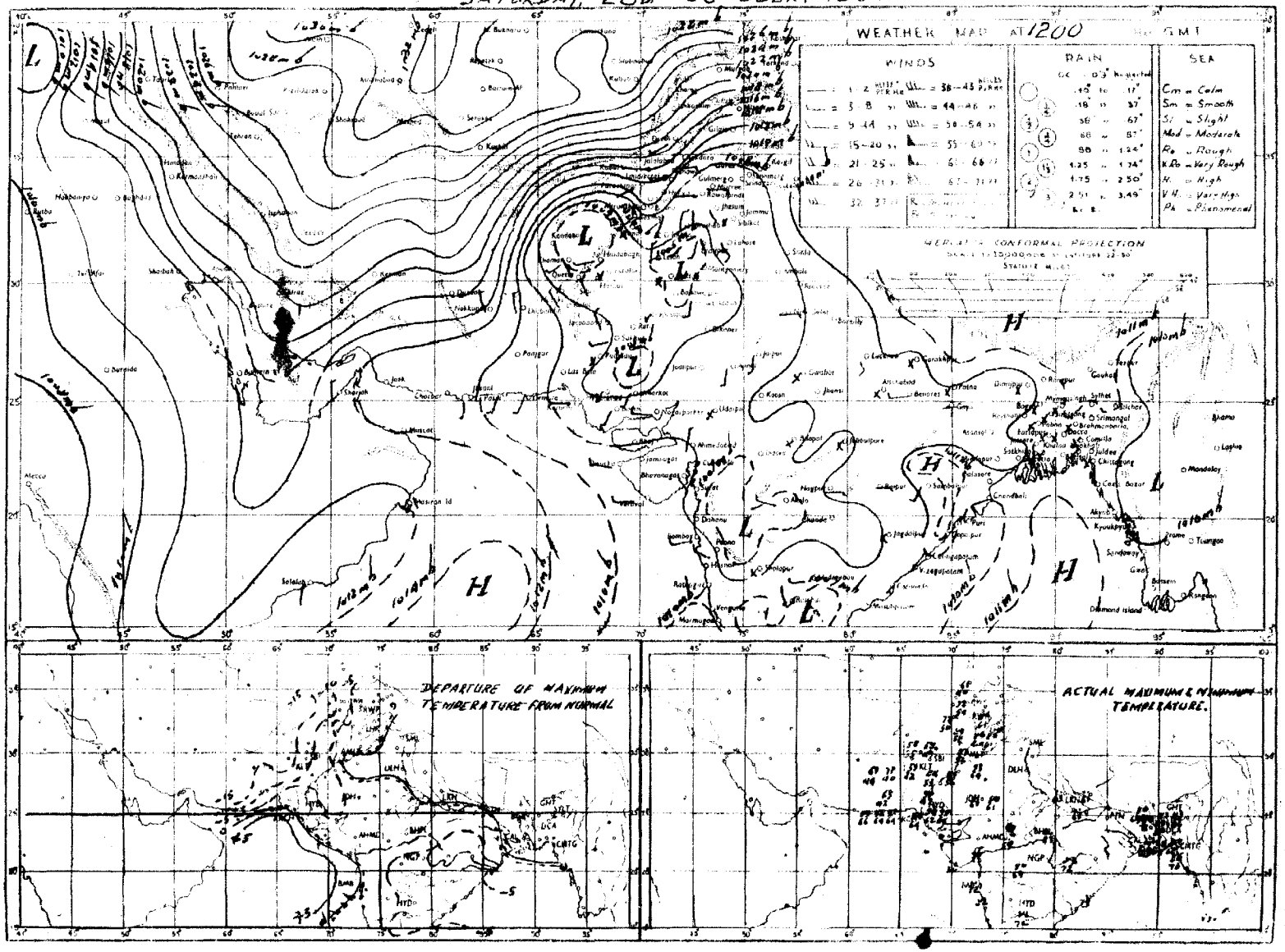
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

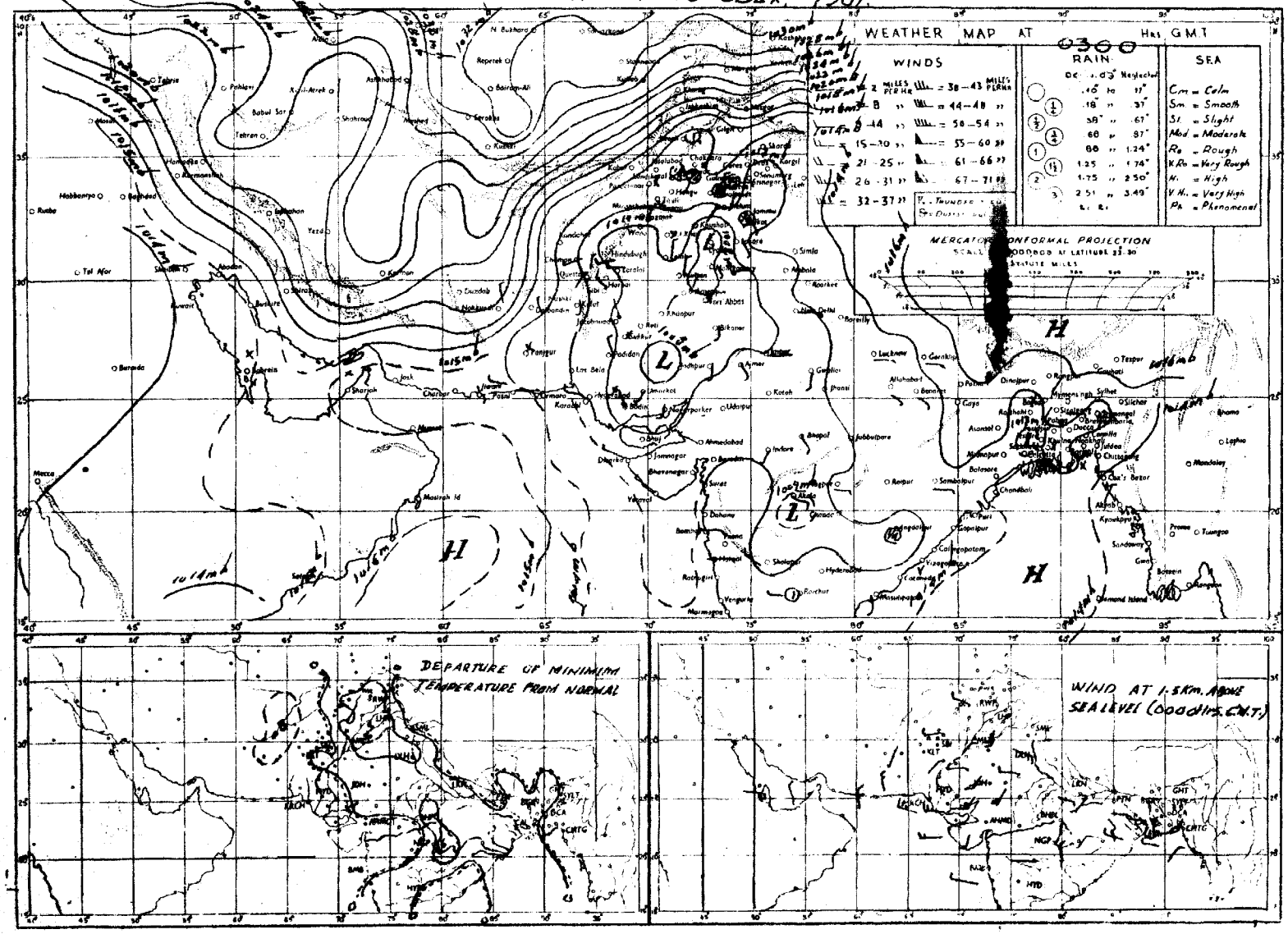
SATURDAY, 28th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 29th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 29th OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low in the east central Arabian Sea has weakened into a trough over there.

The secondary western disturbance over Sargodha division is now moving away across southeast Kashmir and neighbourhood with its trough extending Rajisthan.

Western disturbance north of Afghanistan is moving across north of Peshawar division.

Rain/thundershowers have been widespread in Rawalpindi and Sargodha divisions. Local in Lahore, Peshawar divisions and scattered in D. I. Khan division.

Westerly low pressure wave west Bengal has moved away northeast-wards.

Chief amounts of rainfall are:—Bannu 1"; Drosh and Peshawar ¾" each Murree and Kakul 1/2" each, Sialkot, Rawalpindi and Landikotal 1/4" each

Night temperatures were 5–8 °F above normal in Bahawalpur, Multan, Sargodha, Lahore and Rawalpindi divisions, and 8–14°F below normal over Quetta and Kalat divisions outside coast and 4–5°F so over Khairpur, Hyderabad and Karachi divisions.

Forecast valid until the evening of 30th October, 1961:—Thunderstorms/sohwers will be local in Rawalpindi division and Kashmir and be scattered in Peshawar and Lahore division.

Karachi-11
The 29th October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	Heigh Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	36	02	xx	07	1	114	81	9	x	0	x	x	69	87
	Cox's Bazar ...	000	0	2	36	02	xx	03	0	101	81	1	1	6	3	0	74	86
	Chittagong ...	000	0	0	00	00	xx	00	0	105	81	0	0	9	0	0	68	67
	Maijdee Court ...	000	0	9	36	02	xx	00	1	114	81	9	x	0	x	x	69	87
	Comilla ...	000	0	0	00	00	96	02	0	092	79	0	0	9	0	0	70	87
	Brahmanbaria ...	000	0	0	00	00	xx	01	1	108	80	1	5	5	0	0	71	86
	Sylhet ...	000	0	1	00	00	xx	01	0	103	78	1	2	6	0	0	69	83
	Srimangal ...	000	0	0	00	00	95	00	0	xxx	74	0	0	9	0	0	69	90
Dacca	Mymensingh ...	000	0	0	00	00	97	00	0	109	80	0	0	9	0	0	69	87
	Narayanganj ...	000	9	0	00	00	xx	05	0	102	82	0	0	9	0	0	67	90
	Dacca (Tezgaon) ...	000	0	1	00	00	96	02	0	101	80	1	1	6	0	0	67	87
	Faridpur ...	000	0	2	00	00	95	01	1	101	81	2	4	6	0	0	74	86
Khulna	Barisal ...	003	0	0	00	00	97	02	2	102	86	0	0	9	0	0	75	88
	Khulna ...	010	0	0	00	00	xx	00	0	102	81	0	0	9	0	0	71	84
	Satkhira ...	000	0	6	00	00	96	03	1	100	84	5	4	6	3	0	75	88
	Jessore ...	000	0	8	18	02	96	03	2	097	81	6	8	5	x	x	72	88
Rajshahi	Pabna ...	000	0	0	00	00	xx	01	1	100	83	0	0	9	0	0	70	89
	Sirajganj ...	000	0	0	00	00	95	00	0	101	80	0	0	9	0	0	69	89
	Bogra ...	000	0	0	00	00	96	02	1	103	79	0	0	9	0	0	71	88
	Dinajpur ...	000	0	0	00	00	xx	00	0	096	82	0	0	9	0	0	67	90
	Rangpur ...	000	0	1	00	00	96	01	0	105	81	1	2	6	0	0	71	86
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	8	4	13	03	96	01	1	061	82	1	0	9	1	4	51	87
	Sialkot ...	000	0	0	00	00	97	00	0	063	81	0	0	9	0	0	53	85
Rawalpindi	Jhelum ...	000	0	2	13	03	97	02	1	063	81	0	0	9	0	1	53	86
	Rawalpindi ...	000	0	7	27	02	98	02	2	080	72	4	5	6	9	8	51	80
	Campbellpur ...	000	0	6	31	04	98	02	2	085	73	0	0	9	6	0	41	76
Sargodha	Khushab ...	000	0	6	36	03	99	03	2	062	83	0	0	9	0	7	49	86
	Lyallpur ...	000	0	0	20	02	96	00	0	043	86	0	0	9	0	0	46	86
Multan	Montgomery ...	000	0	0	00	00	96	00	0	052	88	0	0	9	0	0	48	89
	Multan ...	000	0	0	00	00	98	02	0	055	85	0	0	9	0	0	57	87
	Leiah ...	000	0	0	36	05	96	03	6	048	89	0	0	9	1	0	46	xx
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	056	83	0	0	9	0	0	51	85
	Bahawalpur ...	000	0	0	36	02	98	00	0	948	89	0	0	9	0	0	62	91
	Fort Abbas ...	000	0	0	20	02	98	00	0	050	89	0	0	9	0	0	50	95
Peshawar	Chakdara ...	000	0	4	09	02	97	00	0	100	64	4	0	9	4	0	45	71
	Peshawar ...	000	5	7	31	07	98	02	6	119	66	5	9	6	7	0	49	72
	Haripur ...	000	4	5	13	05	97	03	2	083	70	5	9	9	3	0	59	74
D. I. Khan	Bannu ...	997	9	5	29	20	98	03	2	084	74	0	0	9	5	0	44	74
	D. I. Khan ...	000	2	4	05	02	98	03	0	063	80	0	0	9	2	0	57	83
Quetta	Sibi ...	000	0	0	31	08	96	00	0	060	85	0	0	9	0	0	55	87
Kalat	Nokkundi ...	000	0	0	34	23	96	07	3	057	64	0	0	9	0	0	34	67
	Turbat ...	000	0	0	05	05	96	07	0	091	85	0	0	9	0	0	29	92
	Jiwani ...	000	0	0	18	10	96	02	0	105	77	0	0	9	0	0	73	89
	Pasni ...	000	8	0	20	07	96	05	4	096	85	0	0	9	0	0	54	92
Karachi Division	Ormara ...	000	8	0	21	07	95	05	4	086	83	0	0	9	0	0	68	91
	Lasbela ...																	
	Karachi (Manora) ...	000	0	0	31	16	96	02	0	075	84	0	0	9	0	0	69	88
	Karachi (Air Port) ...	000	0	0	27	12	96	05	0	076	88	0	0	9	0	0	38	94
Hyderabad	Nagarparkar ...	000	0	0	29	03	97	00	0	062	88	0	0	9	0	0	77	93
	Umerkot ...	000	0	0	23	03	98	02	0	060	90	0	0	9	0	0	58	95
	Hyderabad ...	000	0	0	00	00	97	02	0	060	90	0	0	9	0	0	51	94
	Badin ...	000	0	0	23	02	97	00	0	077	92	0	0	9	0	0	60	xx
Khairpur	Padidan ...	000	0	0	00	00	97	02	0	074	88	0	0	9	0	0	27	90
	Nawabshah ...	000	0	0	00	00	97	02	0	078	90	0	0	9	0	0	33	92
	Sukkur ...	000	0	0	25	03	96	02	0	065	85	0	0	9	0	0	31	87
	Kashmore ...	000	0	0	00	00	99	00	0	066	88	0	0	9	0	0	49	90
	Jacobabad ...	000	0	0	31	02	96	02	0	067	85	0	0	9	0	0	41	88
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Allabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	9	7	11	09	95	02	1	477	52	5	5	4	5	0	36	58
Peshawar	Drosh * ...	000	4	8	23	05	96	03	2	500	56	8	5	6	x	x	34	61
	Cherat * ...	005	8	6	34	24	97	03	5	465	54	6	7	6	0	0	37	69
	Kakul * ...	000	4	7	31	05	98	03	5	483	59	5	4	6	0	2	46	67
	Landi Kotal * ...	008	4	8	00	00	96	21	6	476	53	8	0	9	7	x	49	62
	Parachinar * ...	000	0	6	23	01	98	03	1	499	51	6	0	8	6	0	39	62
D.I. Khan	Miranshah * ...	000	0	8	00	00	98	02	3	474	68	8	4	8	0	0	43	72
	Wana * ...	000	0	0	00	00	90	00	0	505	50	0	0	9	0	0	28	xx
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	471	68	0	0	9	0	0	23	69
	Hindubagh * ...	000	0	0	00	00	97	00	0	456	55	0	0	9	0	0	17	58
	Loralai * ...	000	0	0	00	00	99	01	0	336	65	0	0	9	0	0	33	69
	Harnai * ...	000	0	0	09	01	xx	xx	x	xxx	xx	x	x	x	x	x	xx	xx
	Quetta * ...	000	0	0	03	02	96	00	0	526	xx	0	0	9	0	0	38	64
	Chaman * ...	000	0	0	23	05	98	80	0	496	56	0	0	9	0	0	13	58
	Nushki * ...	000	0	0	05	19	97	02	0	535	59	0	0	9	0	0	34	64
	Dalbandin * ...	000	0	0	34	05	94	05	0	509	70	0	0	9	0	0	16	71
Kalat	Kalat * ...	000	0	0	31	03	98	00	0	479	47	0	0	9	0	0	07	51
	Panjgur * ...	000	0	0	36	12	96	07	0	512	64	0	0	9	0	0	03	65
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	3	1	36	07	98	01	4	154	[illegible]	1	1	5	0	0	67	70
	Cox's Bazar	000	0	1	05	05	97	02	0	130	79	1	1	9	3	0	69	70
	Chittagong	000	0	1	09	03	96	01	1	137	78	1	0	7	0	1	71	68
	Maijdee Court	000	9	0	00	00	98	00	4	143	79	0	0	9	0	0	72	68
	Comilla	000	0	0	00	00	97	00	0	143	82	0	0	9	0	0	68	80
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	3	09	05	96	02	2	138	79	1	6	7	0	0	68	66
	Srimangal	000	0	0	36	02	96	00	0	xxx	81	0	0	9	0	0	71	78
Dacca	Mymensingh	000	0	4	09	02	97	01	1	148	80	0	0	9	0	9	73	69
	Narayanganj	000	0	3	00	00	96	01	0	143	85	0	0	9	0	7	68	73
	Dacca (Tezgaon)	000	0	2	00	00	96	02	0	135	82	2	0	9	3	0	70	69
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal																	
	Khulna	000	0	4	00	00	96	01	2	140	81	4	5	7	0	0	75	73
	Satkhira	000	0	0	00	00	97	02	2	141	82	3	2	6	3	0	73	73
	Jessore	000	0	7	13	03	96	03	1	136	80	7	5	6	0	0	74	71
Rajshahi	Pabna	000	0	7	18	02	97	03	2	140	78	7	0	9	9	0	73	72
	Sirajganj	000	0	7	00	00	97	02	2	141	78	7	0	9	4	0	71	70
	Bogra	000	0	7	00	00	96	03	2	143	79	3	5	5	7	0	73	71
	Dinajpur	000	7	4	00	00	96	02	2	137	78	4	0	9	2	0	71	69
	Rangpur	000	0	6	05	02	96	01	2	153	73	4	5	6	2	0	71	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	13	02	96	01	2	115	67	2	5	7	7	0	55	61
	Sialkot	022	2	5	13	09	97	01	6	112	67	5	5	6	x	x	57	63
Rawalpindi	Jhelum	003	4	8	36	05	96	95	9	122	64	4	3	6	2	x	46	61
	Rawalpindi	030	6	7	05	12	98	50	9	142	61	6	5	7	4	0	49	56
	Campbellpur	000	0	7	05	04	98	63	2	174	60	0	0	9	7	0	48	54
Sargodha	Khushab	000	0	0	05	05	99	00	0	106	69	0	0	9	0	0	46	64
	Lyallpur	000	3	6	20	03	96	02	9	078	70	6	7	8	0	0	52	64
Multan	Montgomery	000	0	5	13	02	96	03	0	083	69	5	0	9	2	0	53	58
	Multan	000	0	0	36	07	97	02	0	094	65	0	0	9	0	0	52	62
	Leiah	000	9	0	36	08	97	00	3	111	65	0	0	9	0	0	44	55
Bahawalpur	Khanpur	000	0	0	05	07	96	02	0	092	67	0	0	9	0	0	43	56
	Bahawalpur	000	0	0	02	02	98	00	0	085	64	0	0	9	0	0	57	61
	Fort Abbas	000	0	0	00	00	98	00	0	085	68	0	0	9	0	0	53	64
Peshawar	Chakdara	000	0	0	00	00	97	00	0	127	58	0	0	9	0	0	49	54
	Peshawar	069	9	7	23	03	98	60	9	138	59	6	9	6	1	0	53	56
	Haripur	000	5	5	13	05	95	03	5	143	60	5	6	6	0	0	53	54
D. I. Khan	Bannu	097	0	3	00	00	99	02	1	123	59	0	0	9	3	0	49	58
	D. I. Khan	000	3	4	00	00	98	01	1	115	63	0	0	9	4	0	54	58
Quetta	Sibi	000	0	0	31	02	97	00	0	106	68	0	0	9	0	0	30	65
Kalat	Nokkundi	000	0	0	34	09	97	00	3	117	46	0	0	9	0	0	28	44
	Turbat	000	0	0	09	02	95	07	0	138	66	0	0	9	0	0	23	xx
	Jiwani	000	0	1	15	02	96	02	0	145	69	0	0	9	0	0	45	66
	Pasni	000	3	0	29	00	95	05	4	147	66	0	0	9	0	0	35	64
Karachi Division	Ormara	000	9	0	27	02	94	05	4	134	70	0	0	9	0	0	45	64
	Lasbela																	
	Karachi (Manora)	000	0	0	31	16	95	05	0	114	67	0	0	9	0	0	43	65
	Karachi (Air Port)	000	0	0	29	07	96	06	0	115	69	0	0	9	0	0	06	64
Hyderabad	Nagarparkar	000	0	0	28	03	97	00	0	090	75	0	0	9	0	0	60	xx
	Umerkot	000	0	0	20	01	97	02	0	083	69	0	0	9	0	0	67	64
	Hyderabad	000	0	0	00	00	94	05	0	100	67	0	0	9	0	0	34	62
	Badin	000	0	0	31	02	97	00	0	095	65	0	0	9	0	0	50	62
Khairpur	Padidan	000	0	0	31	05	96	02	0	109	58	0	0	9	0	0	39	47
	Nawabshah	000	0	0	31	02	97	02	0	108	62	0	0	9	0	0	32	57
	Sukkur	000	0	0	00	00	96	02	0	091	64	0	0	9	0	0	46	59
	Kashmore	000	0	0	05	03	99	00	0	094	70	0	0	9	0	0	45	57
	Jacobabad	000	0	0	31	03	96	02	0	098	63	0	0	9	0	0	38	55
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	052	2	8	09	19	96	03	9	516	37	8	9	3	x	x	36	35
Peshawar	Drosh *	084	9	8	00	00	95	50	6	536	41	8	7	5	x	x	40	40
	Cherat *	005	0	7	31	05	97	03	2	484	50	7	7	6	0	0	42	45
	Kakul *	060	7	8	36	12	96	61	9	513	47	8	9	4	x	x	46	46
	Landi Kotal *	018	0	8	00	00	97	03	2	495	51	8	0	9	7	x	47	48
	Parachinar *	000	0	2	00	00	99	01	1	499	42	2	1	9	0	0	32	39
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	476	51	0	0	9	0	0	41	50
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	3	16	01	98	03	0	505	50	3	0	8	3	0	20	49
	Hindubagh *	000	0	0	23	02	97	00	0	497	41	0	0	9	0	0	10	28
	Loralai *	000	0	3	29	03	99	00	1	391	50	0	0	9	1	1	34	28
	Harnai *	000	0	0	27	02	95	01	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	36	02	96	00	0	513	41	0	0	9	0	0	19	30
	Chaman *	000	0	0	23	07	98	00	0	508	41	0	0	9	0	0	05	35
	Nushki *	000	0	0	05	09	98	02	0	543	47	0	0	9	0	0	23	39
	Dalbandin *	000	0	0	16	02	97	05	4	504	41	0	0	9	0	0	12	40
Kalat	Kalat *	000	0	0	18	02	98	00	0	501	32	0	0	9	0	0	29	22
	Panjgur *	000	0	0	00	00	98	02	0	505	48	0	0	9	0	0	10	42
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	114.7	—	122.4	—
	Cox's Bazar	0	— 1	171.7	+55.3	194.5	140
	Chittagong	— 2	— 3	129.6	+45.4	170.6	168
	Maijdee Court	+ 2	— 2	66.4	— 5.9	124.5	115
	Comilla	— 1	+ 10	62.6	— 7.0	76.9	94
	Brahmanbaria	—					73
	Sylhet			100.0	—	—	—
	Srimangal	+ 2	+ 11	—	—	—	98
Dacca	Mymensingh	+ 2	— 1	45.1	—24.3	61.4	91
	Narayanganj	+ 4	+ 1	59.4	+ 6.0	62.4	74
	Dacca (Tezgaon)	—	—	57.4	—	81.0	—
	Faridpur	— 2					71
Khulna	Barisal	3					81
	Khulna	+ 3	+ 3	44.5	— 8.3	56.1	66
	Satkhira	+ 1	+ 5	40.2	—10.3	61.8	65
	Jessore	+ 2	+ 1	44.5	— 3.7	55.5	65
Rajshahi	Pabna	—	—	36.9	—	41.3	59
	Sirajganj	+ 4	+ 1	34.8	—14.9	48.1	44
	Bogra	+ 3	+ 2	43.9	—11.3	51.5	69
	Dinajpur	+ 5	+ 2	36.9	—23.6	51.4	72
	Rangpur	+ 1	— 3	53.7	—13.7	59.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 3	+ 8	36.2	+21.5	50.9	19
	Sialkot	— 3	+ 7	27.8	+ 4.0	35.0	32
Rawalpindi	Jhelum	—	—	22.5	—	34.3	—
	Rawalpindi	— 5	+ 5	38.4	+14.4	52.1	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	— 4	+ 6	7.1	— 3.3	11.1	15
	Lyallpur	— 2	+ 8	10.9	+ 1.6	13.9	12
Multan	Montgomery	— 2	+ 1	4.6	— 2.9	10.1	10
	Multan	— 3	+ 7	5.5	+ 0.5	7.6	7
	Leiah	—	—	9.3	—	10.6	8
Bahawalpur	Khanpur	— 7	— 1	11.1	+ 6.3	12.6	6
	Bahawalpur	0	+ 5	3.0	— 1.3	4.9	6
	Fort Abbas	—	—	3.1	—	3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	— 11	+ 1	9.0	+ 4.4	18.0	11
	Haripur	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	—	—	6.4	—	13.9	11
	D. I. Khan	— 6	+ 3	5.1	— 0.5	7.4	9
Quetta	Sibi	—	—	3.5	—	5.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	+ 2	— 1	2.0	+ 1.1	5.4	4
Karachi Division	Ormara	—	—	4.4	+ 3.6	9.9	6
	Lasbela						8
	Karachi (Manora)	+ 1	— 4	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	26.1	—	27.3	—
	Umerkot	—	—	15.9	—	18.0	
	Hyderabad	— 1	— 4	12.0	+ 5.9	12.9	7
	Badin	—	—	14.0	+ 6.8	14.8	9
Khairpur	Padidan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	7.5	—	9.3	—
	Sukkur	—	—	1.1	—	2.2	4
	Kashmore	—	—	1.7	—	1.7	—
	Jacobabad	— 5	— 4	6.6	— 4.3	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Allabad *						—
	Gilgit *						5
Rawalpindi	Murree *	—	—	47.9	+10.7	68.4	59
Peshawar	Drosh *	—	—	6.0	—	23.0	18
	Cherat *	—	—	15.4	+ 2.9	33.4	29
	Kakul *	—	—	33.9	—	56.9	—
	Landi Kotal *	—	—	4.3	—	13.0	—
	Parachinar *	—	—	18.3	—	29.2	29
D.I. Khan	Miranshah *	—	—	3.1	— 1.7	7.7	13
	Wana *	—					11
Quetta	Fort Sandeman *	— 10	— 1	5.1	+ 0.0	11.2	11
	Hindubagh *	—	—	0.8	—	5.6	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	6.3	9
	Chaman *	— 18	— 14	0.7	+ 0.3	6.3	8
	Nushki *	—	—	1.0	—	3.8	—
	Dalbandin *	— 14	— 8	1.3	+ 1.0	2.7	4
Kalat	Kalat *	— 18	— 13	1.2	— 0.1	12.9	7
	Panjgur *	— 19	— 11	2.0	—	5.0	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dd_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isocardia	73 192	632 05	0 27 04	98 0 20	160 82	00 9 00	36 1 05	...	05 1 72	12 7 x0
Danco	73 162	536 06	5 05 08	98 0 30	153 81	48 4 00	15 3 10	...	05 2 81	xx x xx
Merseyloyd	73 122	617 06	1 32 05	98 0 11	149 81	11 4 00	37 1 08	...	05 1 73	13 0 21
Bengalen	73 239	613 06	0 04 15	98 0 20	129 45	00 9 00	26 2 02	...	00 3 59	10 4 22
Dondo	73 169	552 12	0 14 03	xx x xx	130 85	00 9 00	13 7 12	..	00 2 82	12 3 23
Herseylloyd	73 209	633 12	1 30 08	98 0 20	121 27	11 5 00	37 5 03	...	05 2 72	13 0 21
Rempang	73 158	582 12	0 01 02	98 0 00	104 81	00 9 00	66 6 13	...	05 2 68	10 1 20
Isocardia	73 181	644 12	1 24 08	98 0 10	140 81	12 5 00	36 7 08.	...	05 2 68	13 4 x1
Mehdi	73 240	671 12	1 29 02	99 0 10	14x 85	44 x xx	...	...	...	...
Bengalin	72 232	629 12	0 04 09	98 0 09	103 81	00 9 80	26 6 09	...	05 2 61	10 4 22
Nerseylloy	73 195	651 18	1 27 05	98 1 20	138 81	10 5 00	37 1 05	...	00 1 72	12 7 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 275 235	111 215 148	...	147 112 168	..	310 050 990	435 005 995	...	..	...	...	...	...
Jiwani ...														
Karachi ...	00 00	006 198 102	074 212 992	...	140 155 998	...	308 060 790	434 015 998	578 575 992	749 660 990	960 785	...	...	...
Lahore ...	00 00	985 212 115	081 xxx xxx	...	145 162 055	...	311 022 545	431 555 995	574 628 995	741 720 990	949 820	...	...	...
Multan ...														
Peshawar ...	00 00	970 145 088	...	...	143 132 025	...	309 058 555	431 515 662	576 572 995	746 678 995	956 812	282 992	...	...
Quetta ...	00 00	832 005 595	...	...	...		...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	..	...	...	...	...		...	xxxxxx xxx	...	...
Jiwani ...													
Karachi ...	00 00	900 175 998	800 145 992	...	...	...	...	...	-	...	800 145 992	...	...
Lahore ...	00 00	900 200 060	800 105 505	...	...	...	...	...	...	...	800 105 505	...	...
Multan ...													
Peshawar ...	00 00	929 162 012	900 152 058	800 108 502	...	...	...	...	...	...	800 108 502	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	29 06	29 06	30 06	29 05	31 04	26 07	...	...	...
Chaklala ...	...	31 07	35 06	03 05	07 04	13 07	12 09	...	...
Chhor ...	23 13	23 15	23 12	25 12	23 12	...	...	...	...
Chittagong ...	36 02	36 04	03 06	29 10	27 17	26 24	...	...	...
Cox's Bazar ...	01 11	01 13	02 13	35 11	29 08	...	...	...	...
Dacca ...	28 03	27 04	27 05	27 08	28 12	31 17	27 17	26 18	25 28
Dalbandin ...	...	...	18 11	27 03	32 07	32 23	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	22 04	...	...	...
Fort Sandeman ...	...	...	...	27 02	20 02	05 05	13 19	24 31	24 32
Jacobabad ...	28 06	29 06	30 07	31 12	29 12	27 15	28 22	28 26	28 31
Jessore ...	04 01	03 02	36 03	33 03	...	...	...	...	...
Jhelum ...	10 04	12 07	12 06	15 13	17 15	19 13	22 11	22 15	22 17
Jiwani ...	17 03	09 05	01 10	34 19	32 25	32 20	33 29	32 35	32 38
Karachi ...	30 16	32 12	33 10	32 16	30 22	29 28	30 26	31 35	31 40
Khanpur ...	31 07	32 05	32 06	29 09	19 21	21 17	21 14	21 24	21 27
Lahore ...	11 07	11 13	14 12	16 12	17 12	20 08	20 19	22 17	24 15
Multan ...	28 06	30 07	30 07	24 11	23 19	22 23	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 13	33 19	31 23	...	...	...
Peshawar ...	...	30 09	11 15	33 17	31 09	...	...	...	...
Quetta ...	...	...	...	...	28 05	29 04	28 33	26 54	25 72
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	14 03	18 01	23 01	26 01	26 08	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. → STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	04 05	01 03	36 04	01 05	...	...	...	...	...	...	...
Chaklala ...	...	06 17	xx xx	08 09	19 08	...	...	...	...	...	...
Chhor ...	25 08	25 07	25 07	33 10	28 19	28 27	25 23	28 39	28 47	...	...
Chittagong ...	04 09	04 09	32 04	25 12	24 13	26 05	24 17	23 21	24 21	24 24	24 25
Cox's Bazar ...	02 10	03 10	05 07	19 05	20 08	23 15	26 12	25 14	27 15	...	...
Dacca ...	34 04	32 04	32 03	31 06	32 03	26 05	24 27	25 29	25 32	26 28	24 57
Dalbandin ...	...	...	07 09	08 09	35 10	34 32	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 06	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	35 01	01 09	36 06	14 03	32 02	13 06	...	...
Jacobabad ...	26 03	05 06	06 09	xx xx	01 05	01 11	30 19	...	...	...	...
Jessore ...	15 04	15 04	13 04	...	...	...	...	...	...	...	...
Jhelum ...	36 15	03 19	05 14	11 15	...	...	...	...	...	...	...
Jiwani ...	02 09	11 14	36 15	36 16	35 12	33 18	32 35	31 32	32 40	...	...
Karachi ...	34 08	34 13	35 16	...	...	...	...	...	...	...	...
Khanpur ...	02 15	02 17	02 19	36 12	31 10	32 15	...	...	...	...	...
Lahore ...	24 04	19 10	18 14	21 18	17 17	17 19	...	...	...	...	...
Multan ...	01 12	02 11	03 11	14 06	15 09	14 14	17 19	19 15	22 15	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 12	36 32	36 36	33 34	30 37	31 45	...	...
Peshawar ...	...	33 19	33 15	01 08	09 20	...	...	...	...	...	...
Quetta ...	...	...	...	...	29 05	29 05	31 12	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	12 04	12 04	12 03	07 03	36 05	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...																		
Karachi ...	17 02	09 03	35 02	35 03	31 06	29 05	25 14	25 25	25 45	24 43	...	...			...	...	...	...
Peshawar ...	31 15	30 33	31 31	31 31	30 36	29 43	27 52	28 56	29 71	29 83	28 89	26 96	26 84		...	...	..	
Quetta ...		34 21	07 25	33 10	30 06	19 03	22 24	19 35	19 27	18 39	16 33	22 33	27 42	27 44	27 43	...		...

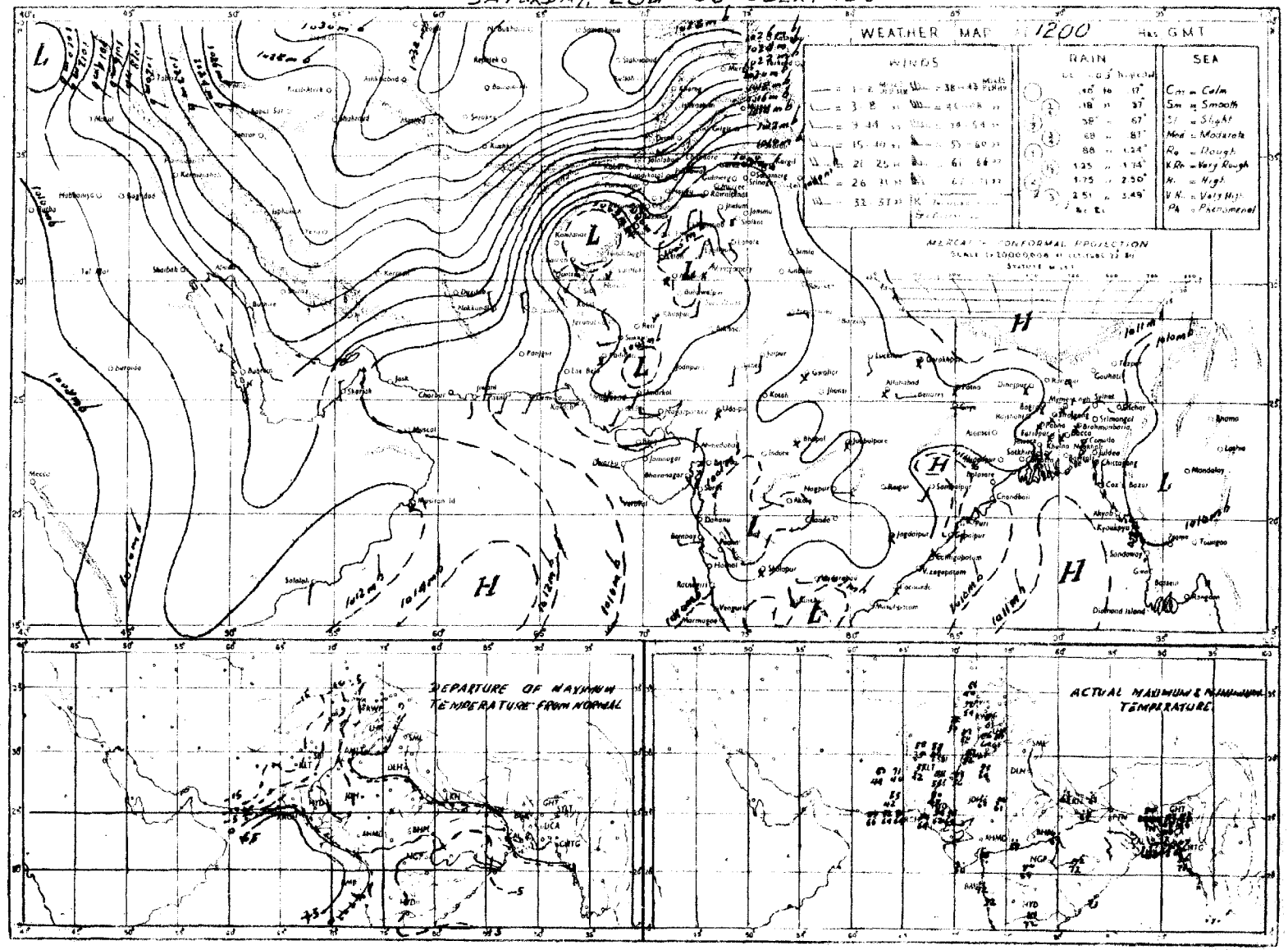
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

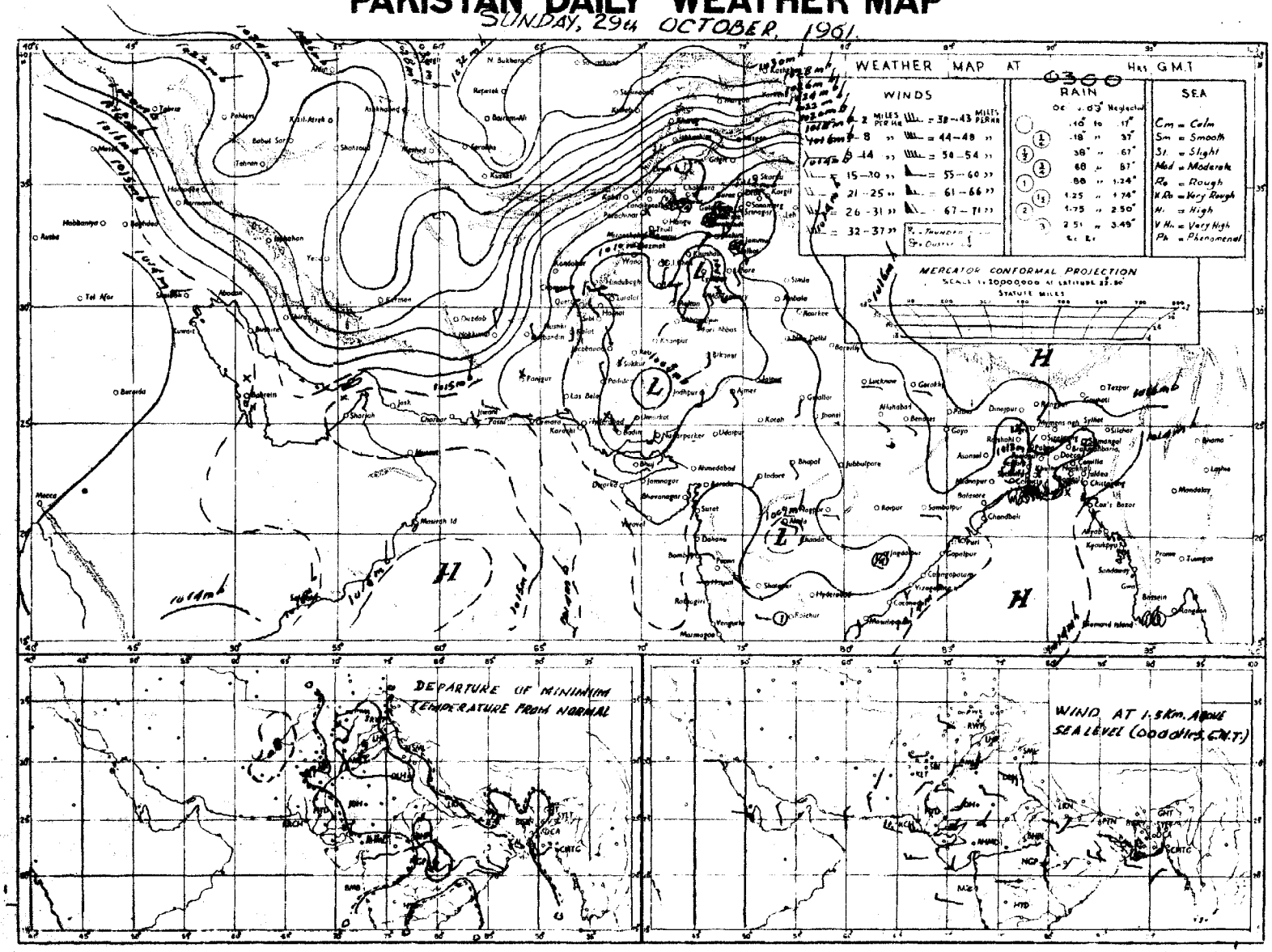
SATURDAY, 28th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 29th OCTOBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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WEATHER BUREAU

TUESDAY THE 31st OCTOBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave moved away eastwards. Another to-day lies over Rajshahi and Khulna divisions.
Rainfall has been widespread in Rajshahi division, local in Dacca and Khulna divisions and scattered in Chittagong division.
The western disturbance north of Peshawar division and its associated trough over D. I. Khan division moved away eastwards.
A fresh westerly low pressure wave now lies over D. I. Khan and Peshawar divisions.
Rain/thundershowers have been fairly widespread in Rawalpindi division and scattered in Lahore and Peshawar divisions.
Chief amounts of rainfall are:—Bogra 1½"; Sirajganj 1"; Mymensingh, Khulna, Satkhira and Jhelum 1/2" each and Narayanganj, Rawalpindi and Murree 1/4" each.
Night temperatures were 9–19 °F below normal in Quetta and Kalat divisions and 4–6°F so in Sargodha and Karachi divisions.
Forecast valid until the evening of 1st November, 1961:—Rain/thundershowers will be local in East Pakistan, Rawalpindi division and Kashmir and scattered in Lahore, Sargodha, Multan, Peshawar and D. I Khan divisions.

Karachi-11
The 31st October, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	03	xx	03	1	146	81	9	x	0	x	x	72	88
	Cox's Bazar	000	0	4	23	02	xx	02	1	133	81	2	4	5	3	8	75	85
	Chittagong	000	0	3	27	02	xx	01	1	133	80	1	0	6	2	2	76	87
	Maijdee Court	000	9	0	00	00	xx	00	0	133	76	0	0	9	0	0	70	84
	Comilla	000	0	8	36	09	xx	03	2	123	75	8	4	4	x	x	69	84
	Brahmanbaria	000	6	6	05	03	xx	03	6	141	75	6	5	5	0	0	69	88
	Sylhet	001	7	8	00	00	xx	61	6	145	69	4	5	5	2	0	64	79
	Srimangal	015	5	8	09	03	94	03	6	xxx	71	8	7	4	0	0	68	80
Dacca	Mymensingh	010	6	8	00	00	97	02	6	153	73	8	7	4	x	x	71	78
	Narayanganj	018	6	8	00	00	xx	02	6	141	74	5	5	4	2	x	70	82
	Dacca (Tezgaon)	004	9	7	36	02	97	02	6	136	73	4	5	6	7	0	68	79
	Faridpur	000	0	6	02	02	95	02	2	112	74	7	5	5	1	0	69	79
Khulna	Barisal	000	0	7	00	00	96	02	2	107	85	7	6	6	0	0	70	88
	Khulna	042	3	8	00	00	xx	03	6	138	73	8	7	6	x	x	71	79
	Satkhira	006	9	8	00	00	95	03	6	134	74	6	7	4	3	x	72	75
	Jessore	004	9	8	13	02	95	03	6	141	74	8	8	4	x	x	69	75
Rajshahi	Pabna	002	2	8	00	00	xx	03	6	134	73	8	0	9	9	x	67	77
	Sirajganj	020	2	8	00	00	xx	51	5	146	72	8	7	4	0	0	69	78
	Bogra	014	2	8	00	00	xx	61	6	153	72	7	7	4	2	x	71	78
	Dinajpur	010	9	7	00	00	xx	61	6	155	72	7	4	7	x	x	67	77
	Rangpur	007	8	8	00	00	96	20	5	154	77	8	7	6	x	x	75	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	05	02	96	97	0	150	69	5	9	7	0	0	57	74
	Sialkot	000	4	3	05	03	97	01	2	152	65	3	2	6	x	x	56	66
Rawalpindi	Jhelum	000	1	7	13	07	97	17	9	172	59	6	3	6	2	0	51	71
	Rawalpindi	033	9	6	09	09	98	01	6	173	57	2	0	3	5	7	53	58
	Campbellpur	000	0	2	13	04	98	01	1	180	66	0	0	9	2	0	53	69
Sargodha	Khushab	000	0	6	05	03	99	03	2	155	73	0	0	9	0	1	53	80
	Lyallpur	000	0	0	16	02	96	00	0	143	72	0	0	9	0	0	54	73
Multan	Montgomery	000	0	0	30	00	96	00	1	090	73	0	0	9	0	0	55	76
	Multan	000	0	1	36	03	98	01	1	133	75	1	1	6	0	0	54	77
	Leiah	000	0	1	05	03	97	00	0	095	75	0	0	9	0	6	47	88
Bahawalpur	Khanpur	000	0	0	05	07	96	02	0	128	75	0	0	9	0	0	53	79
	Bahawalpur	000	0	0	09	02	98	00	0	136	74	0	0	9	0	0	64	76
	Fort Abbas	000	0	0	02	03	98	00	0	146	71	0	0	9	0	0	59	76
Peshawar	Chakdara	000	0	0	36	02	97	00	0	130	63	0	0	9	0	0	48	64
	Peshawar	000	0	7	00	00	98	03	1	141	69	5	8	6	3	0	51	72
	Haripur	000	5	3	05	03	96	02	1	156	64	3	6	6	0	0	58	67
D. I. Khan	Bannu	000	0	0	09	02	99	00	0	134	71	0	0	9	0	0	49	71
	D. I. Khan	000	0	0	00	00	98	00	0	132	70	0	0	9	0	0	59	76
Quetta	Sibi	000	6	0	23	02	98	00	0	125	81	0	0	9	0	0	58	83
Kalat	Nokkundi	000	0	0	36	09	98	02	0	141	73	0	0	9	0	0	37	74
	Turbat	000	0	0	09	04	98	00	0	111	85	0	0	9	0	0	29	89
	Jiwani	000	0	0	18	07	97	02	0	133	81	0	0	9	0	0	36	85
	Pasni	000	8	0	16	10	96	05	4	129	79	0	0	9	0	[illegible]	61	83
Karachi Division	Ormara	000	9	0	18	02	94	05	4	129	83	0	0	9	0	0	33	95
	Lasbela	000	0	0	00	00	98	00	0	067	86	0	0	9	0	0	52	88
	Karachi (Manora)	000	0	0	30	14	96	02	0	116	76	0	0	9	0	0	62	82
	Karachi (Air Port)	000	0	0	23	03	96	02	0	120	81	0	0	9	0	0	43	88
Hyderabad	Nagarparkar	000	0	0	31	01	97	00	0	093	82	0	0	9	0	0	73	86
	Umarkot	000	0	0	34	01	98	02	0	111	82	0	0	9	0	0	50	85
	Hyderabad	000	0	0	02	02	97	02	0	119	81	0	0	9	0	0	52	86
	Badin	000	0	0	31	02	97	00	0	135	83	0	0	9	0	0	49	87
Khairpur	Padidan	000	0	0	05	03	97	02	0	125	80	0	0	9	0	0	42	83
	Nawabshah	000	0	0	00	00	96	02	0	127	82	0	0	9	0	0	44	83
	Sukkur	000	0	0	05	03	96	02	0	125	79	0	0	9	0	0	53	81
	Kashmore	000	0	4	00	00	99	02	3	139	83	4	1	6	0	0	50	89
	Jacobabad	000	0	0	13	02	97	02	0	129	80	0	0	9	0	0	66	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	014	9	8	11	13	96	61	6	517	37	8	9	3	x	x	37	40
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	5	05	05	98	03	2	476	53	5	9	6	0	0	45	67
	Kakul *	003	4	6	29	03	96	01	5	512	52	4	1	5	3	0	46	53
	Landikotal *	000	0	2	18	06	99	03	0	481	58	2	2	7	0	0	49	61
	Parachinar *	000	0	2	13	01	99	00	0	479	57	2	1	9	0	0	36	60
D. I. Khan	Miranshah *	000	0	4	02	02	99	02	3	494	65	4	4	9	0	0	46	72
	Wana *	000	0	0	00	00	99	00	0	517	60	0	0	9	0	0	33	34
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	503	67	0	0	9	0	0	29	68
	Hindubagh *	000	0	0	25	17	97	00	0	489	60	0	0	9	0	0	00	63
	Loralai *	000	0	0	16	02	99	00	0	380	62	0	0	9	0	0	53	68
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	514	53	0	0	9	0	0	34	35
	Chaman *	000	0	0	23	03	98	00	0	505	61	0	0	9	0	0	15	42
	Nushki *	000	0	0	27	05	98	02	0	563	63	0	0	9	0	0	36	67
	Dalbandin *	000	0	0	18	02	96	05	0	527	68	0	0	9	0	0	23	71
Kalat	Kalat *	000	0	0	31	03	98	00	0	484	53	0	0	9	0	0	25	38
	Panjgur *	000	0	0	36	02	98	02	0	512	65	0	0	9	0	0	07	67
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	0	4	36	09	98	01	2	190	83	3	2	5	7	9	73	74
	Cox's Bazar	000	0	2	07	02	97	02	0	174	84	0	0	9	3	8	73	73
	Chittagong	000	0	2	05	03	96	01	1	177	82	1	0	7	1	2	75	73
	Maijdee Court	000	9	2	36	02	98	01	2	181	78	0	0	9	3	0	71	71
	Comilla	000	0	2	13	05	97	02	0	166	80	2	2	7	0	0	69	78
	Brahmanbaria	000	0	6	05	05	97	03	1	186	77	6	0	9	4	0	69	71
	Sylhet	013	3	8	09	02	96	21	6	184	72	5	5	5	2	x	69	69
	Srimangal	016	2	4	05	07	96	02	6	xxx	77	0	0	5	4	0	70	63
Dacca	Mymensingh	040	9	8	00	00	97	02	6	201	71	8	0	8	2	x	68	67
	Narayanganj	018	9	6	05	02	97	03	1	187	75	3	5	5	0	8	69	71
	Dacca (Tezgaon)	004	3	7	05	05	97	21	6	184	75	7	0	9	7	0	68	69
	Faridpur	000	0	8	02	02	95	02	2	183	75	6	5	6	1	0	69	69
Khulna	Barisal	000	0	6	00	00	97	02	2	149	82	4	7	6	4	0	76	72
	Khulna	042	0	5	00	00	96	02	2	180	77	5	5	6	0	0	70	73
	Satkhira	040	9	6	00	00	96	03	6	187	75	4	4	6	3	0	70	71
	Jessore	004	0	7	05	05	96	03	2	186	74	6	7	5	0	0	69	70
Rajshahi	Pabna	016	9	8	36	05	97	03	6	198	71	8	0	9	9	x	69	67
	Sirajganj	115	x	8	00	00	97	02	2	196	71	8	7	4	0	0	69	65
	Bogra	140	9	8	09	02	95	61	6	197	68	4	7	4	2	x	68	67
	Dinajpur	010	9	3	00	00	96	02	2	197	76	3	0	9	2	0	67	68
	Rangpur	015	9	5	05	09	96	01	5	198	74	5	5	6	0	0	70	69
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	002	9	2	00	00	96	02	6	231	62	1	5	7	3	0	55	55
	Sialkot	000	3	6	05	05	97	02	2	130	62	6	5	x	x	x	57	59
Rawalpindi	Jhelum	039	9	6	00	00	97	02	9	239	58	6	0	9	7	0	55	55
	Rawalpindi	033	0	7	00	00	97	03	2	131	55	7	5	6	0	0	51	51
	Campbellpur	000	0	2	00	00	98	01	1	269	60	0	0	9	2	0	53	52
Sargodha	Khushab	000	0	0	00	00	99	02	0	133	58	0	0	9	0	0	53	52
	Lyallpur	000	0	0	00	00	96	00	0	223	60	0	0	9	0	0	55	54
Multan	Montgomery	000	0	0	09	02	96	02	0	220	60	0	0	9	0	0	51	55
	Multan	000	0	0	00	00	98	02	0	221	62	0	0	9	0	0	55	54
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	0	05	05	96	02	0	125	62	0	0	9	0	0	55	55
	Bahawalpur	000	0	1	03	03	98	00	0	206	64	0	0	9	0	0	58	57
	Fort Abbas	000	0	0	36	02	98	00	0	214	65	0	0	9	0	0	56	56
Peshawar	Chakdara	000	0	0	00	00	96	00	0	232	56	0	0	9	0	0	47	51
	Peshawar	006	8	3	00	00	98	01	9	232	59	1	8	6	3	1	55	57
	Haripur	000	4	6	23	03	97	01	2	228	54	6	0	9	7	0	48	50
D. I. Khan	Bannu	000	0	x	00	00	99	02	0	224	61	0	0	9	5	0	54	59
	D. I. Khan	000	3	3	00	00	98	01	1	230	60	0	0	9	3	0	55	55
Quetta	Sibi	000	0	0	00	00	97	05	0	223	61	0	0	9	0	0	32	57
Kalat	Nokkundi	000	0	8	05	05	98	02	0	261	45	0	0	9	0	0	23	41
	Turbat	000	0	0	09	02	xx	00	0	177	65	0	0	9	0	0	21	xx
	Jiwani	000	0	3	09	03	96	03	0	191	68	0	0	9	0	1	35	63
	Pasni	000	3	0	29	02	96	05	4	214	61	1	0	9	0	0	49	56
Karachi Division	Ormara	000	9	0	00	00	94	05	4	181	64	0	0	9	0	0	51	58
	Lasbela	000	0	0	00	xx	98	00	0	181	60	0	0	9	0	0	41	54
	Karachi (Manora)	000	0	0	05	12	96	02	0	182	68	0	0	9	0	0	47	65
	Karachi (Air Port)	000	0	0	36	03	96	02	0	192	67	0	0	9	0	0	43	58
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	170	69	0	0	9	0	0	59	xx
	Umarkot	000	0	0	02	02	97	02	0	185	63	0	0	9	0	0	52	55
	Hyderabad	000	0	0	02	02	97	02	0	196	66	0	0	9	0	0	52	62
	Badin	000	0	0	31	02	97	00	0	163	61	0	0	9	0	0	54	57
Khairpur	Padidan	000	0	0	05	02	97	02	0	207	60	0	0	9	0	0	53	55
	Nawabshah	000	0	0	00	00	96	02	0	214	61	0	0	9	0	0	51	56
	Sukkur	000	0	0	05	02	96	02	0	206	65	0	0	9	0	0	56	62
	Kashmore	000	0	0	00	00	99	00	0	147	70	0	0	9	0	0	52	58
	Jacobabad	000	0	0	09	02	97	01	0	215	65	0	0	9	0	0	59	60
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	030	9	8	23	02	96	51	6	553	39	8	9	3	x	x	36	35
Peshawar	Drosh *	000	1	5	00	00	97	01	2	571	48	5	8	6	0	0	41	43
	Cherat *	000	0	0	05	03	98	00	2	464	48	0	0	9	0	0	42	44
	Kakul *	030	9	7	05	02	99	03	2	568	49	7	4	6	0	0	45	47
	Landikotal *	030	0	5	00	00	97	02	2	854	54	5	0	9	7	x	48	47
	Parachinar *	000	0	6	00	00	98	03	2	536	44	0	6	1	8	0	43	40
D. I. Khan	Miranshah *	000	0	4	00	00	99	07	3	548	51	4	4	8	0	0	51	47
	Wana *	000	0	0	00	00	99	00	0	513	63	0	0	9	0	0	37	43
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	509	51	0	0	9	0	0	38	45
	Hindubagh *	000	0	0	27	03	97	00	0	503	41	0	0	9	0	0	41	36
	Loralai *	000	0	0	31	03	99	00	0	280	44	0	0	9	0	0	35	32
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	546	42	0	0	9	0	0	06	42
	Chaman *	000	0	0	09	05	98	00	0	555	50	0	0	9	0	0	09	38
	Nushki *	000	0	0	09	05	98	02	0	559	53	0	0	9	0	0	35	46
	Dalbandin *	000	0	0	09	02	95	05	0	535	39	0	0	9	0	0	99	29
Kalat	Kalat *	000	0	0	18	03	98	00	0	527	33	0	0	9	0	0	18	25
	Panjgur *	000	0	0	13	04	98	03	0	538	44	0	0	9	0	0	06	40
Afghanistan	Kabul *																	
	Kandhar *																	

Divisions	Stations	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	114.7	—	122.4	—
	Cox's Bazar	— 1	+ 2	171.7	+54.9	194.5	140
	Chittagong	+ 2	+ 2	129.6	+44.9	170.6	108
	Maijdee Court	— 1	+ 1	86.4	— 6.3	124.5	115
	Comilla	— 2	+ 8	62.7	— 7.3	76.9	94
	Brahmanbaria	—	—				78
	Sylhet	—	—	100.1	—	—	—
	Srimangal	— 8	— 4	37.3	—28.6	51.1	98
Dacca	Mymensingh	— 7	— 3	45.5	—24.1	61.8	91
	Narayanganj	— 4	— 1	59.5	+ 5.9	62.5	76
	Dacca (Tezgaon)	—	—	54.6	—	81.2	—
	Faridpur	— 5	— 2	50.1	— 1.7	87.9	71
Khulna	Barisal	+ 3	+ 1	61.4	— 8.2	76.5	81
	Khulna	— 6	+ 3	44.9	— 8.0	56.5	68
	Satkhira	— 12	+ 3	40.6	—10.0	62.2	65
	Jessore	— 11	0	44.6	— 4.0	55.4	65
Rajshahi	Pabna	—	—	37.1	—	41.4	59
	Sirajganj	— 7	— 4	35.9	—13.9	49.3	64
	Bogra	— 7	— 2	45.8	— 9.5	53.4	69
	Dinajpur	— 8	+ 1	37.1	—23.5	51.7	72
	Rangpur	— 6	+ 2	53.3	—14.2	60.1	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 16	+ 2	36.4	+21.7	51.1	19
	Sialkot	— 22	+ 3	27.8	+ 4.0	35.0	33
Rawalpindi	Jhelum	—	—	23.0	—	34.8	—
	Rawalpindi	— 27	0	38.7	+14.7	52.5	36
	Campbellpur	—	—	10.8	—	11.8	—
Sargodha	Khushab	— 10	— 6	7.1	— 3.3	11.1	15
	Lyallpur	— 15	— 2	10.9	+ 1.6	13.9	13
Multan	Montgomery	— 15	—	4.6	— 2.9	10.1	10
	Multan	— 13	+ 2	5.5	+ 0.5	7.6	7
	Leiah						8
Bahawalpur	Khanpur	— 13	— 2	11.1	+ 6.3	12.6	6
	Bahawalpur	— 15	+ 1	3.8	— 1.3	4.9	6
	Fort Abbas	—	—	3.1		3.1	8
Peshawar	Chakdara	—	—	12.2	—	25.3	—
	Peshawar	— 11	+ 2	9.1	+ 4.5	16.1	11
	Haripur	—	—	27.2	—	28.6	—
D. I. Khan	Bannu	—	—	6.4	—	13.9	11
	D. I. Khan	— 13	0	5.4	— 0.2	7.7	9
Quetta	Sibi	—	—	3.5	—	3.6	5
Kalat	Nokkundi	—	—	0.1	—	1.0	2
	Turbat	—	—	4.6	—	11.3	—
	Jiwani	—	—	0.3	—	3.8	5
	Pasni	— 7	— 9	2.0	+ 1.1	3.4	4
Karachi Division	Ormara	—	—	4.4	+ 3.6	5.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	— 5	— 4	9.7	+ 3.7	9.8	8
	Karachi (Air Port)	—	—	21.2	—	24.6	—
Hyderabad	Nagarparkar	—	—	24.1	—	27.2	—
	Umarkot	—	—	15.9	—	18.0	7
	Hyderabad	— 9	— 4	12.0	+ 5.9	[illegible]	7
	Badin	—	—	14.0	+ 6.8	[illegible]	9
Khairpur	Padidan	—	—	9.6	—	11.1	—
	Nawabshah	—	—	7.5	—	8.5	—
	Sukkur	—	—	1.1	—	2.2	4
	Kashmore	—	—	1.7	—	1.8	—
	Jacobabad	—	+ 1	4.4	+ 4.3	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						36
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	—	—	48.7	+10.6	60.3	59
Peshawar	Drosh *	—	—	6.0	—	2.3	18
	Cherat *	—	—	15.4	+ 2.9	33.4	29
	Kakul *	—	—	34.3	—	36.3	—
	Landikotal *	—	—	4.4	—	13.1	—
	Parachinar *	—	—	18.4	+ 3.7	29.3	29
D. I. Khan	Miranshah *	—	—	3.1	—	7.7	13
	Wana *	—	—	3.0	—	11.3	11
Quetta	Fort Sandeman *	— 11	— 5	5.1	0	11.2	11
	Hindubagh *	—	—	0.7	—	5.8	—
	Loralai *	—	—	2.7	—	5.6	9
	Harnai *	—	—	21.1	+13.4	34.7	14
	Quetta *	—	—	1.6	+ 0.5	4.3	9
	Chaman *	— 14	— 11	0.7	+ 0.3	4.3	8
	Nushki *	—	—	1.1	—	3.8	—
	Dalbandin *	— 14	— 19	1.8	+ 1.0	2.7	4
Kalat	Kalat *	— 11	— 10	1.2	— 0.1	12.9	7
	Panjgur *	— 17	— 13	2.0	[illegible]	6.0	6
Afghanistan	Kabul *						
	Kandhar *						

† Given in Code.
* These [illegible] the PPP, the [illegible] of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These [illegible] the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at [illegible] G.M.T. of the previous day and RRR at 0300 hrs. is rainfall since 1200 hrs. G.M.T. of the same day.
Whe[illegible]

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 31st OCTOBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	23 248	660 00	0 00 06	98 0 20	114 77	00 9 00	25 4 00	...	05 5 48	10 0 22
Kampala	23 082	547 00	8 35 05	98 0 22	110 72	78 5 xx	15 7 11	...	05 4 76	13 5 22
Tokimaru	23 234	614 00	0 36 06	98 0 20	135 79	00 9 00	32 3 05	...	05 2 55	13 6 21
Selhomaru	23 108	752 00	4 34 07	98 0 12	080 91	33 4 30	75 6 20	...	05 4 74	...
Seeramento	23 175	573 00	0 00 00	98 0 20	128 78	00 9 00	15 7 03	...	05 1 69	10 0 00
Seeramento	23 187	600 06	5 04 02	98 0 31	157 81	51 4 00	15 1 01	..	00 0 71	10 4 20
Tokenmaru	23 227	625 06	0 35 20	98 0 20	155 81	00 9 00	34 2 05	...	05 2 54	13 5 23
Barendrech	23 246	591 36	0 08 07	98 0 20	161 81	00 9 00	00 0 25	...	10 5 48	10 0 x0
Saeramento	23 189	597 12	0 04 07	98 0 11	125 81	00 0 00	15 3 01	...	00 0 62	10 4 20
Doudo	23 255	573 12	0 16 04	99 0 20	145 90	00 9 00	75 4 00	...	00 5 79	10 9 22
Jokermaru	23 224	635 12	0 36 08	98 0 20	125 79	00 9 00	34 6 10	...	05 2 58	13 6 21
Salatiga	23 272	518 12	3 00 00	98 0 11	131 84	12 3 31	35 7 12	...	00 0 58	...
Dwarka	23 236	678 18	0 05 05	97 0 04	159 79	00 9 00	35 2 11	...	05 2 68	1x x xx
Calakx Delft	23 173	569 48	0 08 07	98 0 20	143 79	00 9 00	...	...	05 3 72	10 8 20
Sacramento	23 197	607 18	0 04 09	98 0 20	248 79	00 9 00	15 1 01	...	00 0 74	10 4 31
Tokeimaru	23 219	647 18	0 02 10	98 0 20	152 79	00 9 00	34 2 12	...	05 1 60	40 2 21
BAY OF BENGAL										
Bharat Bhussan	23 205	877 06	8 14 12	98 6 28	140 82	89 7 xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT_dT_d	1000 mb HHHTTTT_dT_d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	016 218 192	143 198 162	...	150 152 112	..	315 048 018	439 512 532	582 605 632	751 702 739	973 845	265 055	444 175	...
Jiwani ...														
Karachi ...	00 00	013 122 095	135 292 955	...	149 128 525	...	312 028 995	435 525 992	577 618 998	744 725 995	948 890	216 852	397 135	...
Lahore ...	00 00	995 198 122	...	...	149 098 042	...	309 515 538	430 622 995	567 712 995	729 782 998	930 878	...	...	...
Multan ...														
Peshawar ...	00 00	978 152 115	...	...	150 115 028	...	314 038 548	437 532 642	579 615 998	747 725 998	952 870	223 990	411 022	...
Quetta ...			...	...	...		...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT_dT_d									Max. Height Reached PPPTTTT_dT_d	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 192 112	800 125 085	620 002 518	350 772 798	250 948 028	010 450 540	...	...	...	010 450 540	...	...
Jiwani ...													
Karachi ...	00 00	900 178 045	800 09x xxx	350 80x xxx	250 97x xxx	...	...	...	...	...	250 97x xxx	...	...
Lahore ...	00 00	900 142 068	800 062 005	...	...	...	...	...	...	...	800 062 005	...	...
Multan ...													
Peshawar ...	80 00	942 155 035	900 138 052	800 092 005	...	...	...	...	...	...	800 920 005	...	...
Quetta ...			...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

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

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	2	3	4	5	6	7	8	9	10
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	08 08	09 09	08 06	36 06	32 11	...	...	...
Chitral ...	36 12	36 10	01 18	36 09	34 11	30 13	29 25	27 25	26 30
Chittagong ...	25 05	23 08	19 10	19 10	20 13	21 21	21 17	...	...
Cox's Bazar ...	25 05	18 07	17 06	18 08	18 11	...	...	...	...
Dacca ...	07 21	08 17	10 09	...	...	...	...	...	...
Dalbandin ...	...	...	25 05	30 02	02 08	36 07	33 21	32 23	31 35
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 07	22 05	01 08	36 15	35 19
Fort Sandeman ...	...	...	...	27 02	25 03	30 09	34 06	32 15	33 20
Jacobabad ...	16 03	17 02	17 01	31 04	32 07	33 12	32 37	30 29	31 40
Jessore ...	08 16	09 12	14 13	18 17	20 21	19 27	24 25	...	...
Jhelum ...	11 07	11 14	11 10	14 06	...	...	...	...	...
Jiwani ...	09 03	02 04	02 07	01 15	36 18	36 08	31 21	29 29	29 30
Karachi ...	20 04	13 03	13 03	04 09	36 11	32 12	32 21	29 26	29 27
Khanpur ...	32 08	02 08	02 10	01 09	35 08	34 11	24 33	29 29	29 33
Lahore ...	05 07	10 09	11 07	10 07	09 03	34 06	23 12	...	...
Multan ...	06 06	07 06	07 07	01 03	04 03	28 03	33 12	33 08	...
Murree ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 06	35 05	34 16	33 19	31 24	30 29
Peshawar ...	...	06 12	08 08	10 06	...	...	...	...	...
Quetta ...	...	...	...	...	27 05	30 06	34 12	33 21	33 22
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	No	Ascent	...	...	...	...	...	...
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	11	12	13	14	15	16
Bogra ...	NO	...	Ascent	...	...	...
Chaklala ...	...	20 09	25 02	08 03	10 07	07 04
Chitral ...	06 19	06 12	03 13	04 21	02 21	03 18
Chittagong ...	13 06	17 03	19 06	22 40	18 10	21 13
Cox's Bazar ...	14 03	18 03	19 05	18 40	19 12	19 09
Dacca ...	05 21	07 17	11 12	21 11	22 19	23 19
Dalbandin ...	...	...	07 09	08 07	33 07	01 07
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	18 01	20 03	19 02
Fort Sandeman ...	...	...	...	08 01	30 03	29 07
Jacobabad ...	09 08	10 09	11 07	08 05	34 05	31 13
Jessore ...	08 18	09 19	16 14	...	...	...
Jhelum ...	31 05	32 04	29 03	19 05	22 09	28 13
Jiwani ...	05 10	08 11	07 12	05 12	03 09	32 04
Karachi ...	...	...	...	...	...	...
Khanpur ...	07 16	05 15	03 14	04 11	36 09	36 09
Lahore ...	05 09	07 06	10 05	11 08	13 08	04 03
Multan ...	09 08	05 08	03 09	02 09	04 08	01 10
Murree ...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 17	05 12	01 13
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	31 03	30 05
Sharjah ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
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	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	03 06	18 05	15 14	...	...	...	...	...	...	...	...
Chaklala ...	...	12 06	11 11	15 09	10 07	06 04	36 06	...	...	...	...
Chitral ...	04 11	04 14	04 17	05 15	06 15	03 15	30 17	28 27	27 29	...	...
Chittagong ...	01 03	28 03	28 03	21 06	21 12	22 10	21 15	23 19	24 20	25 20	...
Cox's Bazar ...	15 02	17 03	17 04	20 08	20 07	21 08	24 11	25 13	26 18	...	...
Dacca ...	03 13	07 12	13 08	22 05	22 13	23 17	25 23	24 15	23 19	...	...
Dalbandin ...	...	...	08 06	08 05	03 03	04 05	33 06	27 11	32 17	31 21	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	18 01	35 06	03 05	...	...	...	...
Fort Sandeman ...	...	...	...	02 03	07 02	23 07	26 10	29 14	29 14	...	...
Jacobabad ...	08 05	06 04	06 04	08 03	10 03	36 06	29 49	29 33	29 26	30 31	30 33
Jessore ...	05 10	07 09	15 06	...	...	...	...	...	...	...	...
Jhelum ...	13 05	15 05	15 07	14 07	10 50	19 04	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	05 10	06 09	05 09	06 12	06 13	01 08	29 19	30 27	29 32	...	...
Khanpur ...	04 11	05 19	05 20	04 13	03 09	05 10	34 02	29 18	29 25	25 16	...
Lahore ...	07 07	08 11	08 07	05 05	03 08	02 08	08 17	13 15	08 07	...	...
Multan ...	04 05	05 08	04 11	05 10	07 10	01 05	35 08	31 14	28 19	27 30	27 47
Murree ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	05 14	06 07	36 08	33 25	30 29	30 34	29 39	29 47
Peshawar ...	...	02 02	01 03	01 04	06 02	06 08	34 06	...	...	...	...
Quetta ...	...	...	...	...	18 03	32 03	31 16	31 23	31 27	31 55	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	34 06	02 03	03 12	17 08	23 13	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

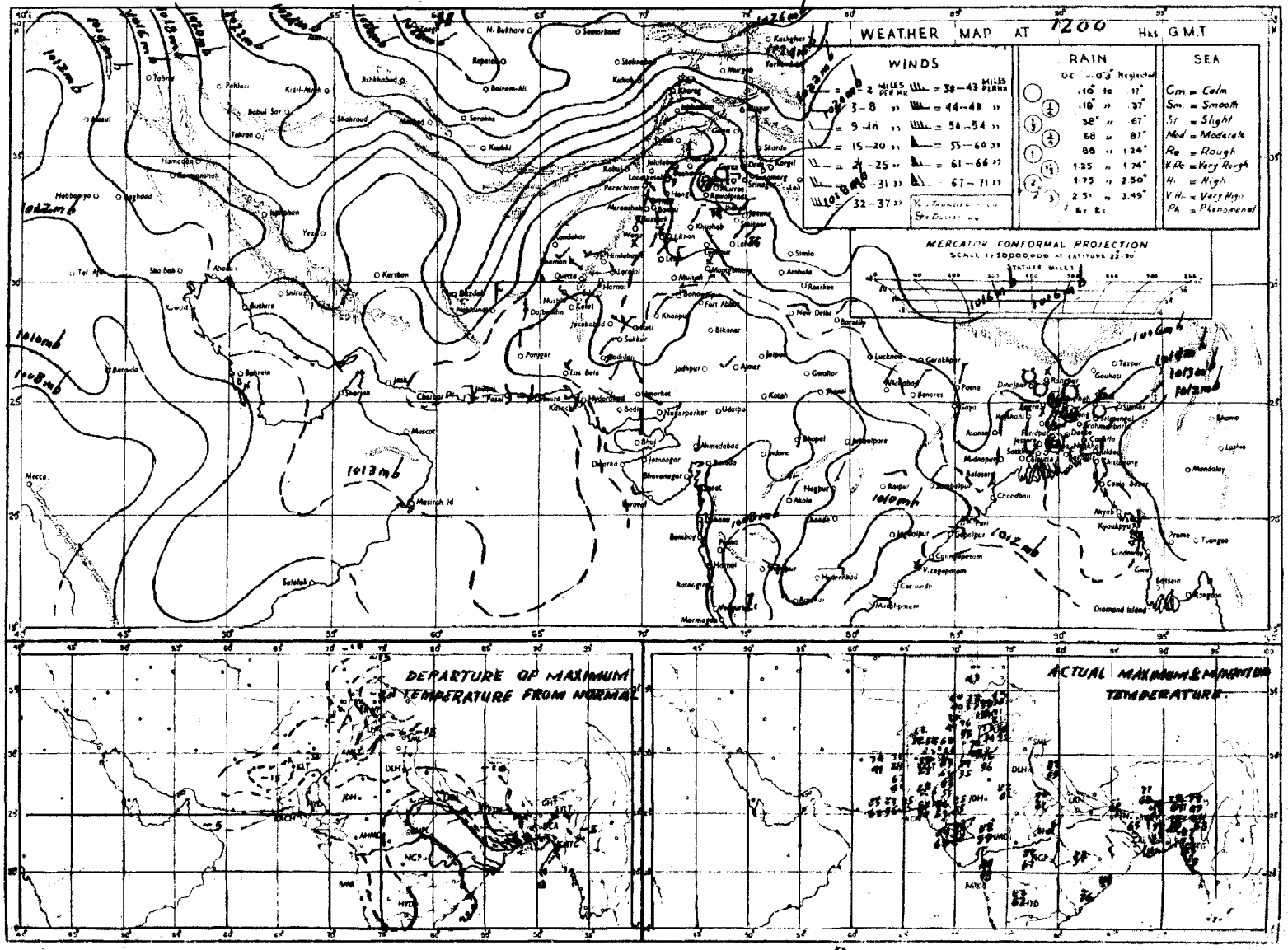
RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 24	07 41	14 34	21 12	22 37	21 35	23 17	35 13	25 16	23 17	24 25	24 29	24 41	23 33	23 15	77 09	...	...
Karachi ...	05 06	04 07	04 08	04 10	04 12	01 14	31 17	33 29	28 25	29 41	27 62	28 70	27 91	77 09	77 09		...	...
Peshawar ...	...	30 07	18 08	03 05	36 05	36 05	07 09	35 15	33 08	31 16	33 23	33 29	32 33	...	...		...	...
Quetta ...																		

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

PAKISTAN DAILY WEATHER MAP

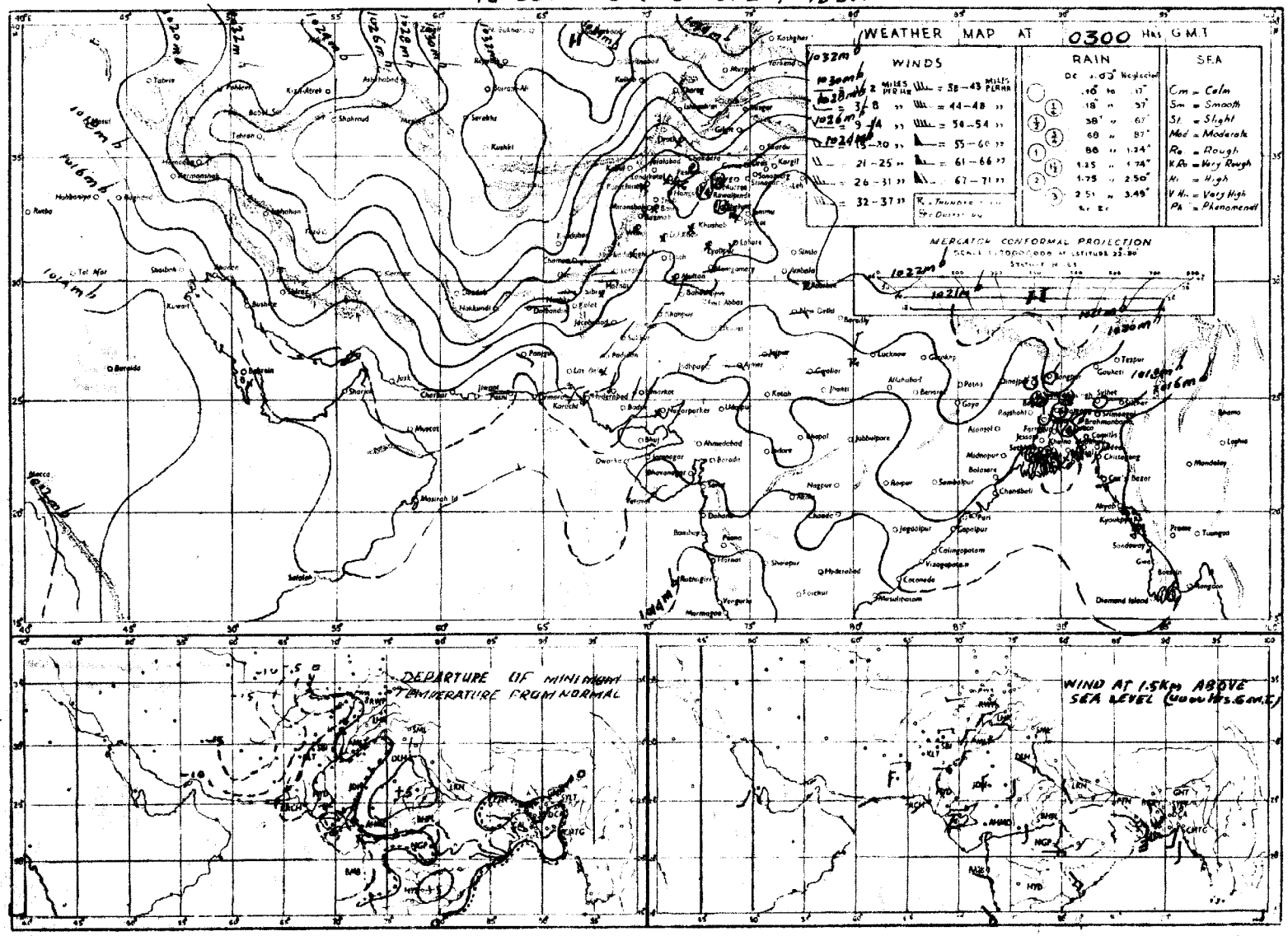
MONDAY 30th OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 31st OCTOBER, 1961.



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

Pakistan

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PAKISTAN DAILY WEATHER REPORT

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Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 1st NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rājshahi and Khulna divisions is moving away across Assam. Another lies over north Bihar and neighbourhood.
Scattered rain has been reported from Rajshahi division. Sirajganj recorded 1/4" of rain.
The low pressure wave over D. I. Khan and Peshawar division is moving away across Kashmir and adjoining areas.
Rainfall has been scattered in Peshawar division. Cherat recorded ½"; of rain.
Night temperatures were 5–10 °F below normal in Kalat and adjoining Quetta divisions and 2–4°F above normal in East Pakistan and Lahore division.
Forecast valid until the evening of 2nd November, 1961:—Rain/thundershowers will be scattered in Rajshahi division and Kashmir. Weather will remain dry elsewhere over the country.

Karachi-11
The 1st November, 1961.

80
50
110

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

Divisions	Stations	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
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	9	36	02	xx	00	2	159	84	9	x	0	x	x	72	89	000	2	4	36	05	98	01	4	172	78	4	2	5	1	x	73	74	—	—	0	—	122.4	—
	Cox's Bazar ...	000	0	1	36	07	xx	01	0	134	82	1	8	6	3	0	75	89	000	0	1	36	05	97	01	0	153	82	2	x	5	0	0	75	75	+ 3	+ 4	0	— 0.3	184.5	140
	Chittagong ...	000	0	1	31	02	xx	01	1	137	81	1	0	7	1	0	71	89	000	0	2	05	02	96	01	1	157	82	1	0	7	1	1	76	72	+ 4	+ 2	0	— 0.2	170.6	108
	Maijdee Court ...	000	9	0	00	00	xx	10	0	142	79	0	0	9	0	0	73	85	000	9	0	30	06	98	00	0	167	79	0	0	9	0	0	71	72	0	+ 3	0	— 0.2	124.5	118
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	09	97	02	0	145	81	0	0	9	0	0	72	70		+ 2	0	— 0.1	78.9	94
	Brahmanbaria ...	000	0	2	05	02	xx	01	1	150	77	2	0	9	4	0	71	82	000	0	0	36	03	97	01	1	168	79	0	0	9	0	0	73	70	—	—	0	0	65.4	78
	Sylhet ...	000	0	5	00	00	xx	02	2	136	77	4	5	7	6	0	73	81	000	9	1	09	02	97	02	4	162	79	1	2	6	5	0	72	xx	—		0	—	—	—
	Srimangal ...	000	8	7	09	03	95	01	2	xxx	76	0	0	5	4	0	71	84	000	1	2	09	03	96	02	0	xxx	81	0	0	6	0	2	72	65	— 4	+ 2	0	— 0.1	51.1	98
Dacca	Mymensingh ...	000	0	6	00	00	97	02	1	155	76	4	4	4	8	0	71	77	000	0	2	27	02	97	01	1	163	75	2	4	5	0	0	72	70	— 8	+ 2	0	— 0.1	61.8	91
	Narayanganj ...	000	9	2	07	02	xx	03	1	147	79	2	3	9	7	0	72	85	000	9	1	00	00	96	01	0	169	80	1	0	9	3	0	69	71	— 1	+ 1	0	— 0.1	62.3	74
	Dacca (Tejgaon) ...	000	9	2	00	00	97	01	6	144	77	2	0	9	3	0	71	82	000	0	1	09	02	97	02	0	164	79	0	0	9	3	0	68	70	—	—	0	—	81.2	—
	Faridpur ...	000	0	2	05	02	95	01	1	129	82	2	4	7	0	0	79	85	000	0	1	00	00	99	05	0	169	80	0	0	9	0	1	69	70	+ 1	+ 1	0	— 0.1	87.9	71
Khulna	Barisal ...	000	0	5	00	00	96	02	1	144	82	4	0	9	8	0	73	87	000	0	0	36	02	97	02	2	168	82	0	0	9	0	0	72	73	+ 2	+ 4	0	— 0.1	70.8	81
	Khulna ...	000	0	0	00	00	xx	00	0	145	79	0	0	9	0	0	73	82	000	0	0	00	00	97	00	0	170	79	0	0	9	0	0	72	73	+ 3	+ 5	0	— 0.1	56.5	60
	Satkhira ...	000	0	6	00	00	95	03	1	144	80	4	4	6	3	x	74	82	000	0	0	00	00	97	00	0	174	79	0	0	9	0	0	72	79	— 5	+ 13	0	— 0.1	62.2	80
	Jessore ...	000	0	4	36	02	96	02	2	138	78	2	4	6	6	0	74	81	000	0	2	05	03	97	00	0	168	76	0	0	9	0	2	70	69	— 5	—	0	— 0.1	55.6	60
Rajshahi	Pabna ...	003	9	3	00	00	xx	01	6	152	73	3	0	9	3	0	67	78	003	0	0	36	05	99	02	2	169	78	0	0	9	0	0	71	71	—	—	0	—	41.5	59
	Sirajganj ...	010	7	2	00	00	xx	03	5	150	75	2	0	9	4	0	72	77	030	x	0	05	02	98	00	1	167	79	0	0	9	0	0	72	67	— 8	0	0.2	+ 0.1	49.5	64
	Bogra ...	004	9	6	00	00	95	01	6	152	75	4	5	5	1	0	71	78	007	9	3	05	03	97	01	6	166	78	2	0	9	3	9	72	70	— 7	+ 4	0.1	0	53.4	60
	Dinajpur ...	000	9	5	00	00	xx	02	2	148	78	5	0	9	2	0	69	85	000	0	0	00	00	96	00	0	168	81	0	0	9	0	0	69	69	0	+ 4	0	0	51.7	72
	Rangpur ...	000	0	5	00	00	96	01	2	152	77	3	5	6	2	0	71	83	000	0	2	05	02	96	03	0	173	76	2	0	9	3	0	70	68	— 2	+ 3	0	0	60.1	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	1	36	02	96	01	0	208	71	1	0	9	3	0	55	75	000	0	0	00	00	96	02	0	215	59	0	0	9	0	0	53	53	— 15	+ 2	0	0	51.1	[illegible]
	Sialkot ...	000	0	0	00	00	97	00	0	204	70	0	0	9	0	0	52	75	000	0	0	00	00	97	00	0	011	63	0	0	9	0	0	50	59	— 13	+ 5	0	0	35.0	[illegible]
Rawalpindi	Jhelum ...	000	0	4	36	03	97	01	2	212	68	1	1	7	1	1	54	74	000	0	0	31	02	97	02	0	012	60	0	0	9	0	0	51	52	—	—	0	—	34.8	—
	Rawalpindi ...	000	0	1	00	00	99	01	2	228	63	1	0	9	4	0	53	71	000	0	0	00	00	96	10	0	223	54	0	0	9	0	0	51	48	— 14	0	0	0	52.3	[illegible]
	Campbellpur ...	000	0	2	00	00	98	01	1	191	71	0	0	9	2	0	49	73	000	0	0	00	00	98	00	0	223	56	0	0	9	0	0	46	46	—	—	0	—	11.4	—
Sargodha	Khushab ...	000	0	5	06	02	99	03	2	217	71	0	0	9	0	1	50	76	000	0	0	00	00	99	00	0	142	61	0	0	9	0	0	51	53	— 14	— 1	0	0	11.1	18
	Lyallpur ...	000	0	0	07	02	96	00	0	205	74	0	0	9	0	0	50	71	000	0	0	00	00	96	00	0	213	58	0	0	9	0	0	54	53	— 17	+ 1	0	0	13.9	12
Multan	Montgomery ...	000	0	0	13	02	96	00	1	212	73	0	0	9	0	0	51	76	000	0	0	00	00	96	04	0	217	60	0	0	9	0	0	53	53	— 15	— 2	0	0	[illegible]	[illegible]
	Multan ...	000	0	0	00	00	98	02	0	202	76	0	0	9	0	0	53	77	000	0	0	00	00	98	02	0	220	64	0	0	9	0	0	53	57	— 13	+ 3	0	0	7.6	7
	Leiah ...	000	0	4	36	01	97	03	0	095	75	0	7	9	0	0	47	87	000	0	0	09	02	97	00	0	095	63	0	0	9	0	0	43	52	—	—	0	—	—	8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	96	02	0	218	64	0	0	9	0	0	53	52	—	— 3	0	0	12.6	6
	Bahawalpur ...	000	0	0	05	02	98	00	0	203	75	0	0	9	0	0	62	78	000	0	0	23	02	98	00	0	117	65	0	0	9	0	0	60	55	— 13	+ 1	0	0	4.9	6
	Fort Abbas ...	000	0	0	02	03	98	00	0	202	75	0	0	9	0	0	53	79	000	0	0	02	02	98	00	0	232	67	0	0	9	0	0	55	54	—	—	0	—	3.1	[illegible]
Peshawar	Chakdara ...	000	0	0	36	02	97	00	0	195	65	0	0	9	0	0	46	70	000	0	0	00	00	97	00	0	223	53	0	0	9	0	0	43	46	—	—	0	—	25.3	—
	Peshawar ...	000	0	2	00	00	98	01	1	213	70	2	9	6	0	0	53	73	000	0	0	00	00	98	02	0	225	55	0	0	9	0	0	52	52	— 10	— 1	0	0	18.1	11
	Haripur ...	000	4	4	23	03	95	03	2	222	65	4	6	6	0	0	56	69	000	0	0	23	03	97	00	0	213	55	0	0	9	0	0	43	47	—	—	0	—	28.6	—
D. I. Khan	Bannu ...	000	0	6	00	00	98	02	1	206	73	0	0	9	6	0	54	73	000	0	0	00	00	99	00	0	223	57	0	0	9	0	0	51	53	—	—	0	—	13.9	11
	D. I. Khan ...	000	0	0	00	00	98	00	0	206	75	0	0	9	0	0	59	77	000	0	0	00	00	98	00	0	222	58	0	0	9	0	0	53	54	— 12	+ 2	0	0	7.7	9
Quetta	Sibi ...	000	0	0	05	02	98	00	0	202	83	0	0	9	0	0	53	83	000	0	0	05	02	[illegible]	[illegible]	4	233	63	0	0	9	0	0	46	[illegible]	—	—	0	—	[illegible]	[illegible]
Kalat	Nokkundi ...	000	0	0	18	03	98	02	0	188	77	0	0	9	0	0	31	78	000	0	0	09	02	98	02	0	267	47	0	0	9	0	0	23	43	—	—	0	—	1.0	2
	Turbat ...	000	0	0	27	01	98	00	0	130	86	0	0	9	0	0	36	89	000	0	0	09	00	xx	00	0	218	62	0	0	9	0	0	23	xx	—	—	0	—	11.3	—
	Jiwani ...	000	0	0	13	07	97	01	0	180	79	0	0	9	0	0	33	83	000	0	0	36	02	96	01	0	215	69	0	0	9	0	0	45	65	—	—	0	—	3.8	5
	Pasni ...	000	8	2	16	05	96	05	4	179	80	0	0	9	3	0	54	82	000	3	2	29	02	97	02	0	206	60	0	0	9	0	0	53	56	— 8	— 9	0	0	5.4	[illegible]
Karachi Division	Ormara ...	000	9	0	18	03	95	05	4	168	82	3	0	9	0	1	41	94	000	9	0	00	00	94	05	4	197	64	0	0	9	0	0	61	60	—	—	0	0	9.9	[illegible]
	Lasbela ...	000	0	0	00	00	97	20	2	116	87	0	0	9	0	0	51	90	000	9	0	00	00	98	00	0	123	63	0	0	9	0	0	49	56	—	—	0	—	0	[illegible]
	Karachi (Manora) ...	000	0	0	09	12	97	02	0	159	77	0	0	9	0	0	59	88	000	0	0	05	14	96	02	0	204	71	0	0	9	0	0	53	68	+ 1	— 2	0	0	9.8	[illegible]
	Karachi (Airport) ...	000	0	0	02	10	96	02	0	164	84	0	0	9	0	0	39	87	000	0	0	04	05	96	02	0	205	70	0	0	9	0	0	52	63	—	—	0	—	24.6	—
Hyderabad	Nagarparkar ...	000	0	0	31	01	97	00	0	133	83	0	0	9	0	0	66	86	000	0	0	00	00	97	00	0	164	60	0	0	9	0	0	50	xx	—	—	0	—	27.8	—
	Umerkot ...	000	0	0	02	02	98	02	0	137	84	0	0	9	0	0	52	87	000	0	0	02	02	97	02	0	196	63	0	0	9	0	0	55	56	—	—	0	—	10.0	—
	Hyderabad ...	000	0	0	02	02	97	02	0	164	83	0	0	9	0	0	51	85	000	0	0	05	03	97	02	0	212	67	0	0	9	0	0	55	63	— 10	0	0	0	13.9	[illegible]
	Badin ...	000	0	0	31	02	97	00	0	144	84	0	0	9	0	0	[illegible]	87	000	0	0	36	02	97	00	0	196	65	0	0	9	0	0	[illegible]	60	—	— 3	0	0	14.8	[illegible]
Khairpur	Padidan ...	000	0	0	05	10	97	02	0	181	80	0	0	9	0	0	47	84	000	0	0	36	03	97	02	0	219	62	0	0	9	0	0	54	56	—	—	0	—	11.1	[illegible]
	Nawabshah ...	000	0	0	36	05	96	01	0	187	82	0	0	9	0	0	45	84	000	0	0	00	00	97	02	0	227	61	0	0	9	0	0	54	58	—	—	0	—	9.3	[illegible]
	Sukkur ...	000	0	0	02	03	96	02	0	183	79	0	0	9	0	0	54	81	000	0	0	16	05	96	02	0	220	67	0	0	9	0	0	55	62	—	—	0	—	2.2	[illegible]
	Kashmore ...	000	0	0	00	00	99	00	0	165	61	0	0	9	0	0	48	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					[illegible]
	Jacobabad ...	000	0	0	36	02	97	02	0	190	84	0	0	9	0	0	49	92	000	0	0	00	00	97	02	0	226	66	0	0	9	0	0	53	60	— 11	+ 4	0	0	8.3	4
Junagadh	Veraval ...																																								28
Afghanistan	Jalalabad ...																																								
Arabia	Muscat ...																																								[illegible]
	Kuwait ...																																								[illegible]
	HILL STATIONS																																								
Kashmir	Srinagar * ...																																								[illegible]
	Gulmarg ** ...																																								[illegible]
	Sonamarg ** ...																																								[illegible]
	Dras ** ...																																								[illegible]
	Leh ** ...																																								[illegible]
	Skardu * ...																																								[illegible]
	Misgar ** ...																																								[illegible]
	Aliabad * ...																																								—
	Gilgit * ...																																								[illegible]
Rawalpindi	Murree ** ...	005	9	6	00	00	96	02	5	354	42	6	5	2	0	0	40	45	005	9	0	11	00	98	00	1	562	43	0	0	9	0	0	27	36	—	— 8	0.1	0	69.3	[illegible]
Peshawar	Drosh * ...	000	9	2	23	03	97	03	1	552	62	2	2	7	0	0	35	79	000	0	0	00	00	97	02	0	567	45	0	0	9	0	0	33	45	—	— 1	0	—	23.0	[illegible]
	Cherat * ...	040	7	0	00	00	98	00	8	543	53	0	0	9	0	0	49	67	040	0	0	31	05	98	00	0	521	49	0	0	9	0	0	45	44	—	— 8	0.5	+ 0.3	33.4	29
	Kalam * ...	000	8	4	31	03	98	01	5	567	56	2	2	6	0	2	47	[illegible]	000	0	0	36	02	99	00	0	561	51	0	0	9	0	0	42	44	—	—	0	—	36.3	—
	Landikotal * ...	010	0	2	00	00	97	61	1	468	61	2	1	7	0	0	48	66	010	0	0	00	00	97	00	0	546	48	0	0	9	0	0	44	44	—	—	0.1	—	18.1	[illegible]
	Parachinar * ...	000	0	4	[illegible]	[illegible]	99	04	2	540	[illegible]	4	1	9	0	0	[illegible]	61	005	0	0	00	00	99	00	0	333	40	0	0	9	0	0	32	37	—	— 6	0.1	—	29.1	[illegible]
D. I. Khan	Miranshah * ...	000	0	8	02	02	97	02	3	456	67	8	4	8	0	0	49	69	000	0	0	00	00	99	00	0	546	50	0	0	9	0	0	42	46	—	—	0	—	7.7	13
	Wana * ...	000	0	6	05	07	99	04	1	517	60	0	0	9	0	0	43	65	—	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman * ...	000	0	1	00	00	99	01	0	[illegible]	66	1	0	8	3	0	30	68	000	0	0	00	00	99	02	0	575	40	0	0	9	0	0	30	44	— 11	— 1	0	0	11.2	11
	Hindubagh * ...	000	0	0	23	05	97	00	0	[illegible]	61	0	0	9	0	0	21	62	000	0	0	27	07	97	00	0	552	46	0	0	9	0	0	11	29	—	—	0	—	5.8	—
	Loralai * ...	000	0	0	13	03	99	00	0	526	62	0	0	9	0	0	56	66	000	0	0	27	02	99	00	0	310	47	0	0	9	0	0	36	36	—	—	0	—	8.6	9
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	0	34.7	[illegible]
	Quetta * ...	000	0	0	31	02	96	00	0	579	54	0	0	9	0	0	35	56	000	0	0	00	00	96	00	0	570	43	0	0	9	0	0	09	25	—	—	0	0	6.2	9
	Chaman * ...	000	0	0	23	05	98	00	0	544	65	0	0	9	0	0	07	60	000	0	0	09	05	98	00	0	567	50	0	0	9	0	0	09	39	— 10	— 7	0	0	6.3	[illegible]
	Nushki * ...	000	0	0	27	05	98	02	0	595	69	0	0	9	0	0	19	71	000	0	0	09	05	98	02	0	601	59	0	0	9	0	0	18	51	—	—	0	—	3.8	—
	Dalbandin * ...	000	0	0	18	02	96	02	0	569	72	0	0	9	0	0	18	73	000	0	0	05	02	96	02	0	553	41	0	0	9	0	0	06	36	— 12	— 10	0	0	2.7	4
Kalat	Kalat * ...	000	0	0	34	03	98	00	0	[illegible]	61	0	0	9	0	0	35	64	000	0	0	31	03	98	00	0	547	38	0	0	9	0	0	15	29	— 5	— 5	0	0	12.9	7
	Panjgur * ...	000	0	1	05	00	[illegible]	02	0	[illegible]	69	0	0	9	0	1	[illegible]	71	000	0	0	05	05	98	02	0	511	44	0	0	9	0	0	25	43	— 13	— 7	0	—	8.0	5
Afghanistan	Kabul * ...																																								13
	Kandhar * ...																																								

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_{dw}d_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tokenmaru	33 215	657 00	0 07 15	98 0 20	150 81	00 9 00	34 5 00	...	00 0 63	10 7 22
Carcali	33 231	5x4 00	0 00 00	98 0 00	172 82	00 9 00	34 4 00	...	00 1 72	10 0xx0
Carcal	33 219	597 06	0 04 08	96 1 00	213 82	00 9 00	54 2 00	...	00 0 72	10 4 xx
Tabar istan	33 214	596 06	0 07 13	98 0 20	189 90	00 9 00	14 2 20	...	05 1 62	...
Salatiga	33 253	566 06	3 11 05	98 0 11	193 81	03 9 01	35 1 19	...	00 2 59	13 1 52
Saeramento	33 215	629 06	1 30 09	97 0 20	185 82	11 4 00	15 1 02	...	00 4 61	10 5121
Tokenmaru	33 216	670 12	0 03 20	90 0 20	141 81	00 9 00	24 6 04	...	05 2 85	10 4 76
Chindmaru	33 178	572 12	4 07 09	98 0 30	152 80	41 5 00	15 5 06	...	00 4 70	10 7 21
Salatiga	33 252	578 12	3 11 10	98 0 20	180 79	00 9 03	35 5 02	...	05 2 63	11 1 33
Saeramento	33 226	640 12	1 08 15	98 0 20	159 81	11 4 00	15 5 00	...	05 1 54	10 7 24
Sacramento	33 235	652 18	0 07 13	97 0 20	182 80	00 9 00	15 4 00	...	00 3 55	10 7 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 222 205	...	...	144 152 105	...	313 005 002	438 002 582	582 575 658	752 685 775	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 192 115	194 212 115	...	152 130 990	...	318 055 995	421 532 992	583 615 992	750 730 990	956 875	226 032	408 135	...
Lahore ...	00 00	995 202 188	168 xxxxxx	...	150 098 052	...	314 018 990	437 552 998	578 618 992	746 700 990	956 795	124 980	...	...
Multan ...														
Peshawar ...	00 00	xxxxx xxxx	...	...	151 122 055	...	324 042 548	477 555 632	587 680 990	750 805 995	694 950	210 078	...	...
Quetta ...	00 00	937 002 585	...	...	...		...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 172 122	800 132 072	...	...	...	...	...	...	...	800 132 072	...	...
Jiwani ...													
Karachi ...	00 00	900 155 008	...	...	...	...	...	...	...	...	900 155 008	...	...
Lahore ...	00 00	900 118 108	800 060 990	...	...	...	...	...	...	...	800 060 990	...	...
Multan ...													
Peshawar ...	00 00	xxxx xxxxx	...	...	...	...	...	...	...	...	xxxx xxxxx	...	...
Quetta ...	00 00		...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	34 01	24 05	24 07	22 10	25 12	30 08	25 23	...	—
Chaklala ...	...	13 04	10 03	09 15	07 07	06 05	34 09	34 12	01 15
Chhor ...	04 08	04 07	04 08	05 11	02 08	33 11	...	...	...
Chittagong ...	33 12	01 09	34 02	24 03	37 02	22 05	25 10	26 07	...
Cox's Bazar ...	33 10	33 05	35 02	28 04	29 02	...	...	...	...
Dacca ...	07 08	34 05	29 09	26 08	26 08	26 17	28 13	25 17	35 15
Dalbandin ...	...	...	15 02	03 03	36 08	05 04	33 11	33 13	31 17
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 04	xx xx	36 05	38 09	01 12
Fort Sandeman ...	...	...	...	29 07	26 09	24 12	23 05	30 42	28 15
Jacobabad ...	01 04	02 04	03 03	05 05	03 02	34 09	33 19	32 25	31 27
Jessore ...	08 04	07 03	30 03	23 06	23 11	25 16	26 16	25 15	25 17
Jhelum ...	35 04	04 05	04 06	03 09	06 04	32 07	32 11	33 10	31 15
Jiwani ...	11 07	09 10	06 10	04 11	07 07	01 07	04 10	03 10	...
Karachi ...	05 14	04 12	04 14	04 11	05 11	36 12	30 19	29 25	28 33
Khanpur ...	03 12	03 14	08 17	06 17	06 10	03 15	01 05	34 04	35 06
Lahore ...	05 07	10 09	11 07	10 07	09 03	34 06	23 12	...	—
Multan ...	04 10	04 12	04 12	04 10	02 03	32 10	30 12	30 17	29 19
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 03	11 01	32 03	33 15	32 24	30 32
Peshawar ...	...	09 03	10 03	06 01	01 03	36 10	36 13	35 20	36 18
Quetta ...	...	...	...	...	31 04	30 06	32 18	34 19	34 21
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	32 04	07 05	18 03	26 06	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	01 10	02 07	28 04	30 05	...	...
Chaklala ...	...	05 03	17 01	35 05	33 03	30 07
Chhor ...	06 23	07 27	06 21	05 18	04 26	...
Chittagong ...	02 13	01 03	02 07	04 03	05 03	24 06
Cox's Bazar ...	36 13	36 10	36 08	32 03	21 03	18 06
Dacca ...	36 10	34 60	06 04	27 06	26 07	24 09
Dalbandin ...	...	...	09 02	07 07	34 07	35 08
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	04 04	10 01	12 03
Fort Sandeman ...	...	...	...	25 01	29 07	35 11
Jacobabad ...	10 15	10 08	36 31	34 03	30 07	09 07
Jessore ...	02 12	35 09	34 05	25 08	22 09	24 10
Jhelum ...	31 08	35 09	36 06	08 06	07 10	04 13
Jiwani ...	35 03	04 02	08 06	08 10	08 13	07 12
Karachi ...	...	...	...	...	...	...
Khanpur ...	09 11	05 08	04 08	04 14	02 09	36 06
Lahore ...	01 07	35 09	35 09	38 11	26 06	24 04
Multan ...	15 03	18 02	35 04	36 04	35 07	34 13
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	08 14	07 05	05 06
Peshawar ...	...	35 04	35 02	38 08	32 18	03 09
Quetta ...	...	...	...	...	32 02	30 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	09 09	08 04	08 05	29 03	26 10	...
Veraval ...	...	...	...	—	...	—

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	01 05	31 03	35 01	30 10	23 13	...	...	—	...	...	...
Chaklala ...	...	27 03	01 03	07 06	10 06	08 12	04 36	01 14	02 13	...	...
Chhor ...	03 14	05 17	05 18	05 18	05 18	33 09	30 19	28 27	...	...	...
Chittagong ...	36 03	36 04	36 05	22 05	24 03	24 04	24 09	24 17	24 30	...	...
Cox's Bazar ...	35 07	01 05	02 03	29 03	18 02	17 03	23 08	22 13	24 14	...	...
Dacca ...	36 03	02 02	02 01	30 06	25 10	25 12	45 17	25 20	25 24	23 31	24 3
Dalbandin ...	...	...	09 05	10 06	03 04	34 11	35 10	34 09	31 16	32 29	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 15	02 28	36 33	09 03	05 15	04 34	...
Fort Sandeman ...	...	...	...	23 01	30 42	35 08	01 45	36 15	35 17	35 19	...
Jacobabad ...	11 04	11 01	03 03	33 05	02 06	35 05	32 20	31 29	30 35	29 34	...
Jessore ...	01 07	02 03	36 05	36 18	23 09	22 11	...	...	...	...	...
Jhelum ...	31 04	33 08	32 05	30 02	09 09	09 12	10 08	01 10	36 13	33 09	31 1
Jiwani ...	01 05	04 08	03 11	01 08	03 10	10 09	31 09	30 16	30 19	...	...
Karachi ...	05 10	05 15	05 17	06 17	05 16	35 06	30 24	29 36	28 39	...	...
Khanpur ...	10 04	05 04	06 06	04 06	02 08	01 07	33 13	32 17	30 23	31 19	...
Lahore ...	36 06	34 05	34 04	07 04	07 05	28 01	29 05	31 28	24 13	—	...
Multan ...	23 03	36 03	36 01	32 06	34 10	36 12	35 15	35 19	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	07 10	08 07	04 06	31 08	32 17	31 30	29 31	28 5
Peshawar ...	...	06 04	36 03	34 05	30 06	34 09	05 26	07 30	09 37	...	...
Quetta ...	...	...	—	—	18 04	29 06	30 11	30 13	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 07	11 06	12 03	25 12	26 08	38 09	36 20	26 30	26 31	33 34	24 4
Veraval ...	...	...	...	...	...	...	—	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 09	34 07	33 04	25 04	24 05	23 07	24 15	24 21	24 17	24 23						...	...	
Karachi ...	05 27	06 27	08 27	05 23	05 23	08 22	22 21	27 29	28 35	27 58	27 64	27 72	27 94	26 87	26 74	...	...	
Peshawar ...																	...	
Quetta ...																		

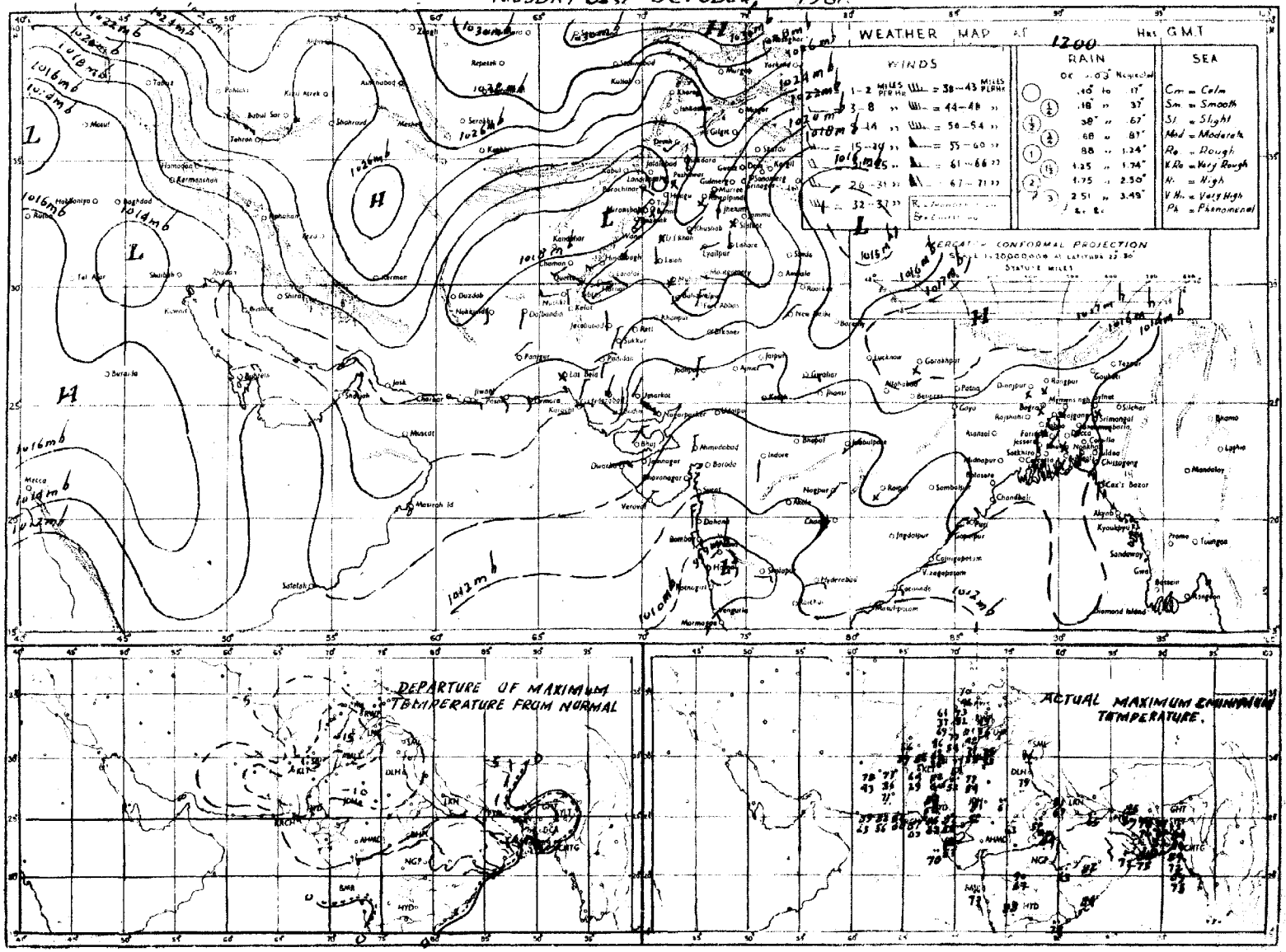
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

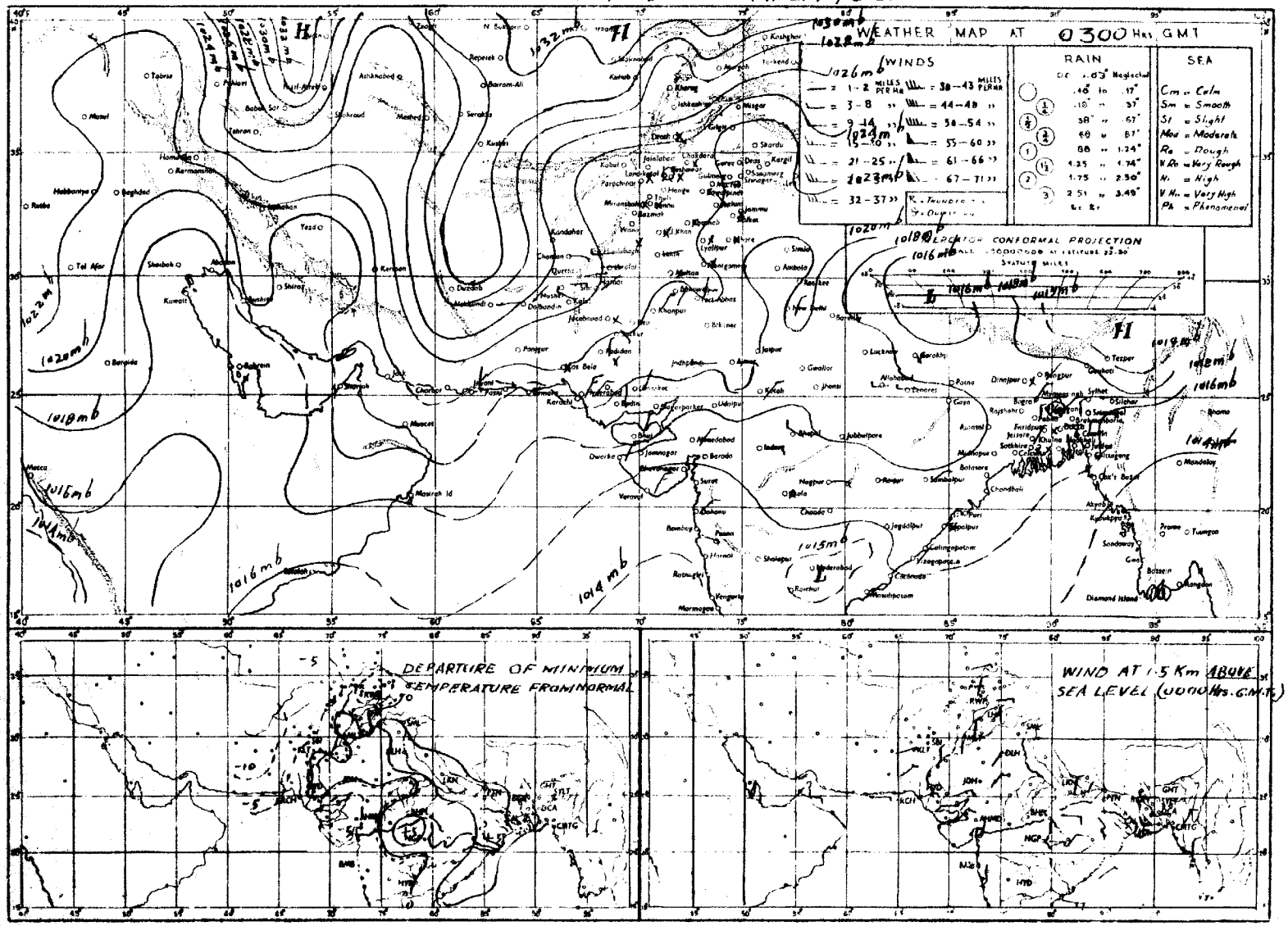
TUESDAY 31st OCTOBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY : 1st NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 2nd NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over north Bihar and neighbourhood is moving across sub-Himalayan West Bengal.

Dry continental air prevails over West Pakistan.

Weather remained dry over the country.

Night temperatures were 5-11 °F below normal in Quetta and Kalat divisions and 3-5°F so in Rawalpindi and Peshawar divisions and 3-5°F above normal in East Pakistan.

Forecast valid until the evening of 3rd November, 1961:—Scattered thunderstorm/showers are likely to occur in Rajshahi, Dacca and Chittagong divisions. Weather will remain dry elsewhere over the country.

Karachi-11
The 2nd November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	26	02	xx	07	1	135	84	9	x	0	x	x	75	89
	Cox's Bazar ...	000	0	4	34	09	xx	02	0	129	82	1	1	6	3	8	75	88
	Chittagong ...	000	0	6	30	05	xx	03	2	132	81	2	0	6	2	2	74	89
	Maijdee Court ...	000	9	0	00	00	xx	00	0	133	80	0	0	9	0	0	73	85
	Comilla ...	000	0	1	00	00	xx	01	1	122	81	1	5	8	0	0	74	87
	Brahmanbaria ...	000	0	2	00	00	xx	03	1	137	80	0	0	9	0	4	71	85
	Sylhet ...	000	0	3	27	02	xx	01	1	128	79	1	2	6	0	1	72	88
	Srimangal ...	000	0	0	36	02	55	01	0	xxx	77	0	0	9	0	0	73	87
Dacca	Mymensingh ...	000	0	4	00	00	xx	01	1	141	82	0	0	9	0	4	73	87
	Narayanganj ...	000	9	4	00	00	xx	01	0	135	82	0	0	9	0	0	72	89
	Dacca (Tezgaon) ...	000	0	2	31	02	97	01	1	133	80	0	0	9	0	1	71	87
	Faridpur ...	000	0	4	00	00	95	05	0	136	83	2	4	7	0	8	73	85
Khulna	Barisal ...	000	0	6	00	00	96	02	1	125	83	6	0	9	8	0	73	87
	Khulna ...	000	0	0	00	00	xx	00	0	140	81	0	0	9	0	0	72	85
	Satkhira ...	000	0	4	00	00	96	03	1	137	84	2	4	6	3	x	74	88
	Jessore ...	000	0	6	05	02	96	02	2	132	81	4	4	6	6	0	72	87
Rajshahi	Pabna ...	000	0	4	00	00	xx	01	2	133	82	1	1	6	0	8	73	87
	Sirajganj ...	000	0	2	00	00	xx	03	1	135	79	2	0	9	0	1	73	86
	Bogra ...	000	0	3	00	00	xx	01	2	140	81	1	0	9	7	8	73	83
	Dinajpur ...	000	0	0	00	00	xx	00	0	128	81	0	0	9	0	0	72	87
	Rangpur ...	000	0	1	00	00	96	01	1	143	77	1	0	9	2	0	69	85
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	184	73	0	0	9	0	0	54	76
	Sialkot ...	000	0	0	00	00	98	00	0	176	75	0	0	9	0	0	52	78
Rawalpindi	Jhelum ...	000	0	1	27	02	98	02	0	178	72	1	1	7	0	0	54	79
	Rawalpindi ...	000	0	0	27	02	99	00	0	187	68	0	0	9	0	0	50	75
	Campbellpur ...	000	0	0	00	00	98	00	0	177	75	0	0	9	0	0	47	76
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	180	71	0	0	9	0	1	54	82
	Lyallpur ...	000	0	0	00	00	96	00	0	182	77	0	0	9	0	0	47	82
Multan	Montgomery ...	000	0	0	00	00	96	00	0	186	75	0	0	9	0	0	53	78
	Multan ...	000	0	0	00	00	98	02	0	186	78	0	0	9	0	0	51	81
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	186	78	0	0	9	0	0	56	83
	Bahawalpur ...	000	0	0	36	00	98	00	0	205	79	0	0	9	0	0	66	82
	Fort Abbas ...	000	0	0	36	03	98	00	0	202	77	0	0	9	0	0	51	78
Peshawar	Chakdara ...	000	0	0	00	00	97	00	0	143	69	0	0	9	0	0	49	74
	Peshawar ...	000	0	1	00	00	98	02	0	182	75	1	1	6	0	0	52	76
	Haripur ...	000	0	0	13	02	97	00	0	185	73	0	0	9	0	0	48	76
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	187	76	0	0	9	0	0	48	76
	D. I. Khan ...	000	0	0	00	00	98	00	0	182	77	0	0	9	0	0	73	80
Quetta	Sibi ...	000	6	0	00	00	98	00	0	200	82	0	0	9	0	0	52	82
Kalat	Nokkundi ...	000	0	0	27	03	98	02	0	189	79	0	0	9	0	0	27	80
	Turbat ...	000	0	0	00	00	98	00	0	164	87	0	0	9	0	0	29	90
	Jiwani ...	000	0	2	16	05	97	01	0	186	80	0	0	9	0	1	32	87
	Pasni ...	000	7	0	16	05	97	00	0	182	81	0	0	9	0	0	58	88
Karachi Division	Ormara ...	000	0	0	27	04	96	00	0	178	83	0	0	9	0	0	56	85
	Lasbela ...	000	0	0	00	00	98	00	0	167	90	0	0	9	0	0	50	91
	Karachi (Manora) ...	000	0	0	05	12	97	02	0	165	76	0	0	9	0	0	53	86
	Karachi (Airport) ...	000	0	0	05	09	96	02	0	173	84	0	0	9	0	0	35	87
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	00	0	137	84	0	0	9	0	0	72	87
	Umerkot ...	000	0	0	02	04	98	02	0	159	85	0	0	9	0	0	99	88
	Hyderabad ...	000	0	0	36	03	97	02	0	176	82	0	0	9	0	0	53	86
	Badin ...	000	0	0	36	02	97	00	0	164	84	0	0	9	0	0	45	86
Khairpur	Padidan ...	000	0	0	05	02	97	02	0	187	81	0	0	9	0	0	46	84
	Nawabshah ...	000	0	0	00	00	97	02	0	182	82	0	0	9	0	0	45	84
	Sukkur ...	000	0	0	36	03	97	02	0	186	80	0	0	9	0	0	49	82
	Kashmore ...	000	0	0	00	00	99	00	0	198	61	0	0	9	0	0	73	86
	Jacobabad ...	000	0	0	13	02	97	02	0	193	80	0	0	9	0	0	49	87
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	31	09	98	00	0	551	42	0	0	9	0	0	41	53
Peshawar	Drosh * ...	000	0	0	31	05	97	02	0	551	61	0	0	9	0	0	18	66
	Cherat * ...	000	0	0	31	05	98	00	0	563	58	0	0	9	0	0	44	70
	Kakul * ...	000	0	0	18	07	99	00	0	556	67	0	0	9	0	0	48	67
	Landikotal * ...	000	0	0	13	02	99	00	0	547	67	0	0	9	0	0	60	69
	Parachinar * ...	000	0	0	13	01	99	00	0	540	62	0	0	9	0	0	32	65
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	525	71	0	0	9	0	0	40	74
	Wana * ...	000	0	0	00	00	99	00	0	509	47	0	0	9	0	0	33	47
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	560	68	0	0	9	0	0	18	71
	Hindubagh * ...	000	0	0	27	07	97	00	0	520	66	0	0	9	0	0	13	63
	Loralai * ...	000	0	0	13	03	99	00	0	325	64	0	0	9	0	0	52	70
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	31	02	98	00	0	544	62	0	0	9	0	0	08	63
	Chaman * ...	000	0	0	27	05	98	00	0	540	65	0	0	9	0	0	07	67
	Nushki * ...	000	0	0	27	08	98	02	0	566	69	0	0	9	0	0	39	71
	Dalbandin * ...	000	0	0	13	03	96	02	0	577	72	0	0	9	0	0	15	75
Kalat	Kalat * ...	000	0	0	31	03	98	00	0	513	58	0	0	9	0	0	27	62
	Panjgur * ...	000	0	0	65	06	98	02	0	566	71	0	0	9	0	0	35	76
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	7	36	02	98	02	2	160	80	4	7	5	5	7	73	74	—	—	0	—	122.4	—
	Cox's Bazar	000	0	3	02	05	97	01	0	153	82	2	0	9	3	8	75	76	+ 2	— 5	0	— 0.6	184.5	140
	Chittagong	000	0	6	36	02	96	02	2	159	79	6	0	8	2	0	73	74	+ 4	+ 4	0	— 0.4	170.6	108
	Maijdee Court	000	9	7	36	02	96	03	1	165	79	7	0	9	3	0	73	73	+ 1	+ 4	0	— 0.3	124.5	115
	Comilla	000	0	6	13	05	97	02	2	151	81	6	5	6	0	0	74	72	+ 2	+ 4	0	— 0.2	76.9	94
	Brahmanbaria	000	0	6	05	02	97	03	1	165	80	6	0	9	4	0	69	73	—	—	0	0	65.4	78
	Sylhet	000	0	6	09	02	96	03	0	165	79	2	5	6	7	1	73	70	—	—	0	—	—	—
	Srimangal	000	2	4	36	03	96	02	1	xxx	85	0	0	9	0	2	72	66	— 1	+ 3	0	— 0.3	51.1	98
Dacca	Mymensingh	000	0	2	00	00	97	01	1	173	77	0	0	9	0	4	73	72	— 3	4	0	— 0.1	61.8	91
	Narayanganj	000	9	7	00	00	96	03	1	166	78	2	5	5	7	0	74	73	— 4	— 3	0	— 0.2	62.5	74
	Dacca (Tezgaon)	000	9	2	20	02	97	01	1	162	78	1	0	9	3	1	72	71	—	—	0	—	81.2	—
	Faridpur	000	0	3	05	02	97	02	0	161	79	0	0	9	0	8	70	72	+ 3	+ 3	0	— 0.2	87.9	71
Khulna	Barisal	000	0	2	00	00	97	02	0	165	80	2	0	9	6	0	74	75	+ 3	+ 6	0	— 0.3	76.5	81
	Khulna	000	0	6	00	00	97	01	2	170	80	6	5	6	6	0	73	71	+ 1	+ 3	0	— 0.2	56.5	68
	Satkhira	000	0	2	00	00	97	01	2	174	79	1	1	7	3	0	70	71	+ 1	+ 5	0	— 0.1	62.2	65
	Jessore	000	0	0	00	00	97	02	0	164	79	0	0	9	0	0	70	72	—	—	0	— 0.2	55.6	65
Rajshahi	Pabna	000	0	0	31	05	99	02	1	169	79	0	0	9	0	0	72	71	—	—	0	—	41.5	59
	Sirajganj	000	0	0	00	00	98	00	0	167	80	0	0	9	0	0	73	69	+ 3	+ 2	0.2	+ 0.1	49.5	64
	Bogra	000	0	3	36	02	96	02	0	170	78	3	0	9	6	0	72	70	— 1	+ 4	0.1	0	53.4	69
	Dinajpur	000	0	0	00	00	96	00	0	165	80	0	0	9	0	0	69	68	+ 3	— 3	0	0	51.7	72
	Rangpur	000	0	0	07	02	96	02	0	177	76	0	0	9	0	0	68	68	+ 1	+ 3	0	— 0.1	60.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	212	59	0	0	9	0	0	53	52	— 12	+ 1	0	0	51.1	19
	Sialkot	000	0	0	00	00	98	00	0	213	65	0	0	9	0	0	56	55	— 8	+ 1	0	0	35.0	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	214	57	0	0	9	0	0	51	51	—	—	0	—	34.8	—
	Rawalpindi	000	0	0	00	00	96	10	0	224	52	0	0	9	0	0	48	48	— 7	0	0	0	52.5	36
	Campbellpur	000	0	0	00	00	98	00	0	196	56	0	0	9	0	0	46	45	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	209	65	0	0	9	0	0	50	50	— 5	— 4	0	0	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	213	60	0	0	9	0	0	53	52	— 4	0	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	212	61	0	0	9	0	0	52	53	— 11	— 2	0	0	10.1	10
	Multan	000	0	0	00	00	98	02	0	212	65	0	0	9	0	0	50	57	— 7	+ 3	0	0	7.6	7
	Leiah	000	0	0	13	02	97	00	0	202	62	0	0	9	0	0	41	52	—	—	0	—	—	8
Bahawalpur	Khanpur	000	0	0	23	02	96	02	0	208	64	0	0	9	0	0	53	54	— 8	— 1	0	0	12.6	6
	Bahawalpur	000	0	0	18	02	98	00	0	204	66	0	0	9	0	0	55	55	— 9	+ 1	0	0	4.9	6
	Fort Abbas	000	0	0	20	02	98	00	0	214	66	0	0	9	0	0	50	53	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	222	51	0	0	9	0	0	38	45	—	—	0	—	25.3	—
	Peshawar	000	0	0	00	00	98	02	0	215	54	0	0	9	0	0	46	50	— 5	— 3	0	0	18.1	11
	Haripur	000	0	0	23	03	97	00	0	211	57	0	0	9	0	0	41	48	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	209	58	0	0	9	0	0	46	50	—	—	0	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	206	58	0	0	9	0	0	53	52	— 5	0	0	0	7.7	9
Quetta	Sibi	000	2	0	00	00	94	05	4	217	58	0	0	9	0	0	47	57	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	36	03	98	02	0	260	49	0	0	9	0	0	18	43	—	—	0	—	1.0	2
	Turbat	000	0	0	09	02	97	00	0	200	59	0	0	9	0	0	26	xx	—	—	0	—	11.3	—
	Jiwani	000	0	1	02	02	96	03	0	209	67	0	0	9	0	1	43	62	—	—	0	—	3.8	5
	Pasni	000	0	0	29	02	97	00	0	195	62	0	0	9	0	0	49	58	— 0	— 7	0	0	5.4	6
Karachi Division	Ormara	000	0	0	00	00	96	00	0	195	66	0	0	9	0	0	63	60	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	213	62	0	0	9	0	0	47	56	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	05	05	96	02	0	199	73	0	0	9	0	0	58	70	— 1	0	0	0	9.8	8
	Karachi (Airport)	000	0	0	36	03	97	02	0	201	67	0	0	9	0	0	47	57	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	185	72	0	0	9	0	0	54	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	01	97	02	0	195	63	0	0	9	0	0	50	55	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	208	65	0	0	9	0	0	51	61	— 7	— 2	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	200	60	0	0	9	0	0	55	57	— 8	— 6	0	0	14.8	9
Khairpur	Padidan	000	0	0	00	00	96	02	0	215	58	0	0	9	0	0	53	51	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	211	59	0	0	9	0	0	51	55	—	—	0	—	9.3	—
	Sukkur	000	0	0	16	03	96	02	0	231	65	0	0	9	0	0	60	59	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	209	70	0	0	9	0	0	50	59	—	—	0	—	1.8	—
	Jacobabad	000	0	0	00	00	97	02	0	213	62	0	0	9	0	0	52	56	— 4	0	0	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							4
Arabia	Muscat																							5
	Kuwait																							28
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	09	02	98	00	0	546	47	0	0	9	0	0	13	39	— 7	— 5	0.1	0	69.3	59
Peshawar	Drosh *	000	0	0	09	03	97	02	0	590	46	0	0	9	0	0	25	45	— 3	— 1	0	—	23.0	18
	Cherat *	000	0	0	31	03	98	00	0	524	55	0	0	9	0	0	32	45	0	— 7	0.5	+ 0.5	33.9	29
	Kakul *	000	0	0	09	03	99	00	0	558	52	0	0	9	0	0	37	46	—	—	0	—	36.3	—
	Landikotal *	000	0	0	00	00	97	00	0	448	55	0	0	9	0	0	35	42	—	—	0.1	—	13.2	—
	Parachinar *	000	0	0	00	00	99	00	0	[illegible]	43	0	0	9	0	0	24	39	— 4	— 4	0.1	—	29 3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	538	52	0	0	9	0	0	23	50	—	—	0	0	7.7	13
	Wana *	000	0	0	00	00	99	00	0	523	48	0	0	9	0	0	24	36	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	575	52	0	0	9	0	0	20	42	— 5	— 3	0	0	11.2	11
	Hindubagh *	000	0	0	27	01	97	00	0	565	44	0	0	9	0	0	21	28	—	—	0	—	5.8	—
	Loralai *	000	0	0	29	03	99	00	0	311	44	0	0	9	0	0	35	37	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	0	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	579	44	0	0	9	0	0	06	25	—	—	0	0	6.7	9
	Chaman *	000	0	0	09	02	98	00	0	572	45	0	0	9	0	0	16	41	— 6	— 5	0	0	6.3	8
	Nushki *	000	0	0	00	00	98	02	0	595	61	0	0	9	0	0	29	51	—	—	0	—	3.8	—
	Dalbandin *	000	0	0	05	02	97	02	0	554	43	0	0	9	0	0	03	25	— 8	— 11	0	0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	558	38	0	0	9	0	0	15	27	— 5	— 7	0	0	12.9	7
	Panjgur *	000	0	0	05	03	98	02	0	551	47	0	0	9	0	0	13	40	— 5	— 10	0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 2nd NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN		$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_{dw} d_w P_w H_w$
1		2	3	4	5	6				10	11
ARABIAN SEA											
Sacramento	... ...	43 246	662 00	0 06 24	97 0 20	190 76	00 9 00	15 4 00	...	05 2 58	10 6 24
Baihomaru	... ...	43 178	661 00	1 03 16	98 0 20	120 79	11 4 40	75 4 00	...	05 3 68	...
Chindwara	... ...	43 202	691 06	1 05 18	99 0 10	241 80	31 2 0x	15 1 02	...	05 1 80	10 6 42
Caltex Delft	... ...	43 246	580 36	2 00 07	98 0 20	123 41	00 9 04	05 1 17	...	10 8 68	10 9 21
Lalatiga	... ...	43 246	628 06	0 01 09	98 0 20	221 79	00 9 00	25 2 13	...	00 3 65	11 5 33
Sejhomaru	... ...	43 181	653 06	1 02 16	97 0 20	150 84	00 0 10	75 1 20	...	00 2 68	
Seihomaru	... ...	43 195	641 12	2 04 16	99 0 20	140 82	00 0 40	75 7 10	...	00 0 68	...
Salatiga	... ...	43 246	648 12	0 09 08	98 0 20	232 86	00 9 00	25 5 17	...	05 0 59	10 9 21
Chindwara	... ...	43 214	614 12	1 05 24	99 0 20	164 81	11 1 00	15 6 18	...	00 2 80	05 0 22
British Advocate	... ...	43 223	605 18	2 05 19	98 0 20	397 78	xxx xxx	74 4 00	...	05 2 66	10 5 32
Chindwara	... ...	43 222	625 18	1 05 27	98 0 20	240 79	1x x 00	15 1 00	...	00 0 77	10 5 22
British	... ...	43 174	64 718	2 03 13	97 0 23	146 80	xxx xxx	75 3 05	...	00 0 73	10 3 25

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels $HHHTTTT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 224 208	...	...	150 162 102	...	314 065 028	439 520 550	582 562 995	752 680 990	...	...	...	...
Jiwani ...														
Karachi ...	00 00	015 158 102	151 215 118	...	150 152 992	...	315 068 998	440 508 998	583 592 998	756 720 990	957 882	227 028	...	...
Lahore ...	00 00	993 195 112	...	...	151 125 545	...	313 022 998	435 578 992	575 640 990	743 715 995	950 815	233 890	...	...
Multan ...														
Peshawar ...	00 00	977 105 015	...	...	150 108 992	...	311 025 995	434 558 995	574 662 995	738 788 992	938 935	...	...	...
Quetta ...	00 00	838 002 632	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 192 145	800 128 078	621 002 535	539 565 618	...	...	...	...	...	539 565 618	...	...
Jiwani ...													
Karachi ...	00 00	900 178 028	800 11x xxx	350 71x xxx	250 94x xxx	158 12x xxx	...	...	...	...	158 12x xxx	...	...
Lahore ...	00 00	900 162 532	800 088 618	...	...	...	...	...	...	...	800 088 618	...	...
Multan ...													
Peshawar ...	00 00	900 122 555	800 085 998	765 070 990	...	...	...	...	...	...	765 070 990	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	28 10	28 09	31 09	28 10	25 10	...	...	...	...	35 07	35 05	34 06	26 03	24 15	...	36 07	35 07	35 07	...	...	...	...	...	...	...	...
Chaklala ...	...	28 06	32 04	07 14	11 10	08 13	06 12	03 17	02 16	...	36 03	03 03	08 04	10 05	08 07	...	36 01	12 03	33 02	35 03	03 05	05 06	01 14	36 18	34 17	32 27
Chhor ...	03 10	04 08	04 07	34 07	31 11	31 13	28 31	27 39	27 43	07 14	07 14	08 15	05 15	06 15	34 15	06 10	05 13	05 13	06 14	05 10	34 17	30 23	29 27	28 29	27 37	...
Chittagong ...	33 13	35 11	36 09	33 04	27 02	...	...	...	...	03 13	03 09	03 08	09 02	21 05	21 08	03 06	03 07	05 06	14 03	16 02	19 07	22 11	23 14	...	...	...
Cox's Bazar ...	34 14	34 08	34 07	02 12	09 01	...	...	...	...	02 14	01 11	03 09	08 03	13 02	18 09	01 05	05 03	05 03	11 04	12 03	20 06	23 08	20 10	21 11	18 18	...
Dacca ...	28 04	30 04	31 05	29 05	24 15	25 13	...	...	...	35 10	36 05	34 04	25 05	23 09	23 17	01 03	35 02	36 02	23 05	24 08	24 16	23 17	34 15	26 22	26 32	25 4
Dalbandin ...	...	...	21 01	01 03	36 09	35 08	31 13	33 18	33 21	...	...	07 07	06 09	03 07	02 04	...	...	07 05	07 10	08 06	13 03	28 09	28 13	30 16	30 22	27 31
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 08	35 11	34 09	02 10	03 09	...	...	...	04 03	08 02	02 04	...	...	...	...	02 13	04 13	03 07	03 03	03 06	36 15	35 23
Fort Sandeman ...	...	...	...	04 04	03 05	35 07	01 16	36 22	36 21	...	...	...	21 03	33 06	32 12	...	...	...	23 04	17 03	35 08	35 11	33 18	35 19	33 27	...
Jacobabad ...	05 02	17 01	23 01	32 03	34 05	35 13	35 15	32 22	32 23	32 06	35 03	22 01	36 02	01 05	03 10	23 03	23 02	24 02	35 03	06 06	34 03	31 07	30 29	29 30	27 37	...
Jessore ...	31 04	31 01	32 04	...	...	...	...	...	...	01 12	01 13	03 09	33 03	24 12	22 15	34 04	35 07	36 05	25 03	25 09	23 17	22 26	23 19	23 17	...	...
Jhelum ...	38 04	29 06	29 07	06 06	08 10	10 13	07 09	06 10	05 13	34 06	31 03	30 09	30 09	32 07	34 09	32 01	30 06	29 07	28 12	30 10	36 03	09 06	01 12	05 15	32 17	...
Jiwani ...	15 06	12 04	10 05	06 08	07 07	01 09	31 06	29 10	28 13	34 11	36 05	09 05	06 10	08 13	11 09	04 07	04 11	05 14	04 10	06 09	11 05	27 06	28 08	28 09	...	...
Karachi ...	05 14	05 17	05 16	05 14	04 16	34 10	32 16	30 23	29 29	...	...	...	...	...	...	05 09	06 13	05 16	07 13	06 17	01 04	...	...	...	...	...
Khanpur ...	31 03	05 03	05 03	05 01	01 07	35 12	33 15	33 14	33 08	16 12	17 12	19 10	20 07	22 08	25 10	18 06	20 09	23 10	26 05	33 13	01 12	35 17	32 22	31 23	...	...
Lahore ...	35 04	33 05	33 07	33 04	03 04	06 04	32 04	28 04	35 04	28 05	31 05	33 06	01 07	02 05	08 09	31 05	31 03	31 03	04 04	01 07	07 08	04 10	02 15	32 17	30 27	29 31
Multan ...	13 01	30 02	31 05	01 09	01 09	34 11	35 16	24 21	34 23	21 05	24 05	32 05	36 07	34 13	36 25	21 06	21 06	21 03	05 01	30 09	02 14	33 12	32 21	31 25	30 24	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 03	34 03	34 07	34 15	29 23	30 29	...	...	...	03 12	06 09	32 05	...	...	...	04 10	03 09	27 03	28 12	28 16	28 20	25 24	...
Peshawar ...	...	25 03	34 05	01 07	06 08	04 13	03 15	02 28	01 25	...	...	...	...	—	...	...	06 02	01 03	18 04	30 10	30 13	30 02	03 04	01 06	...	...
Quetta ...	...	...	...	...	32 06	34 04	01 04	02 07	35 10	...	...	...	...	32 04	30 10	...	...	...	...	34 02	05 04	32 05	34 13	31 [illegible]	29 17	29 27
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 06	29 10	27 02	25 05	37 05	...	...	...	...	07 04	05 04	12 06	08 02	28 03	24 09	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 09	35 08	31 04	25 05	21 07	22 13	23 17	23 18	22 19	26 29	26 30	...	...	...	...	...	...	...
Karachi ...	06 18	06 18	05 20	05 19	05 17	05 13	32 00	29 21	30 28	06 35	28 41	26 89	24 95	26 85	...	...	...	...
Peshawar ...	14 04	31 04	06 04	27 03	31 04	32 11	01 13	35 17	03 15	01 14	34 32	...	...	...	...	...	...	...
Quetta ...																		

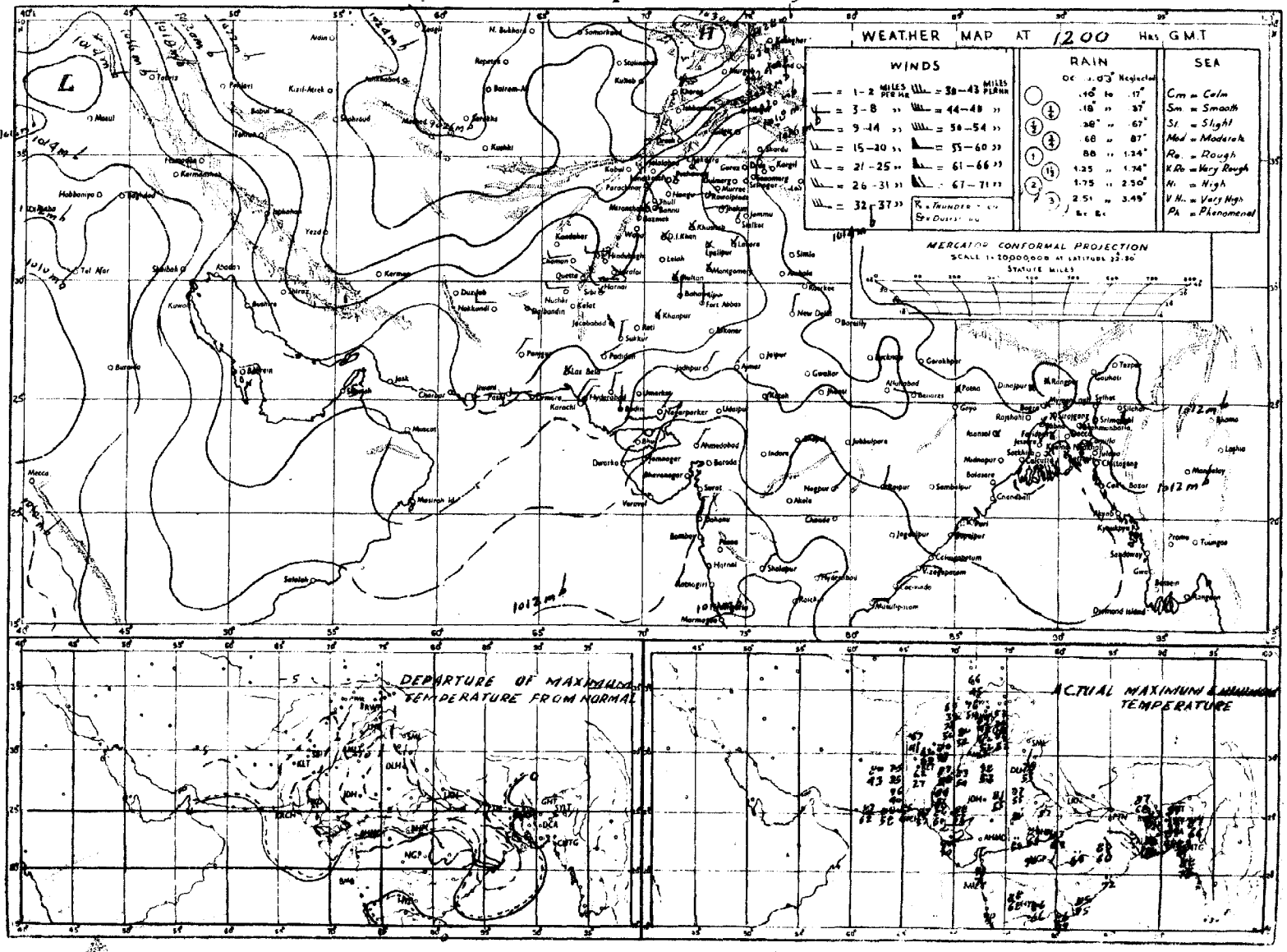
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

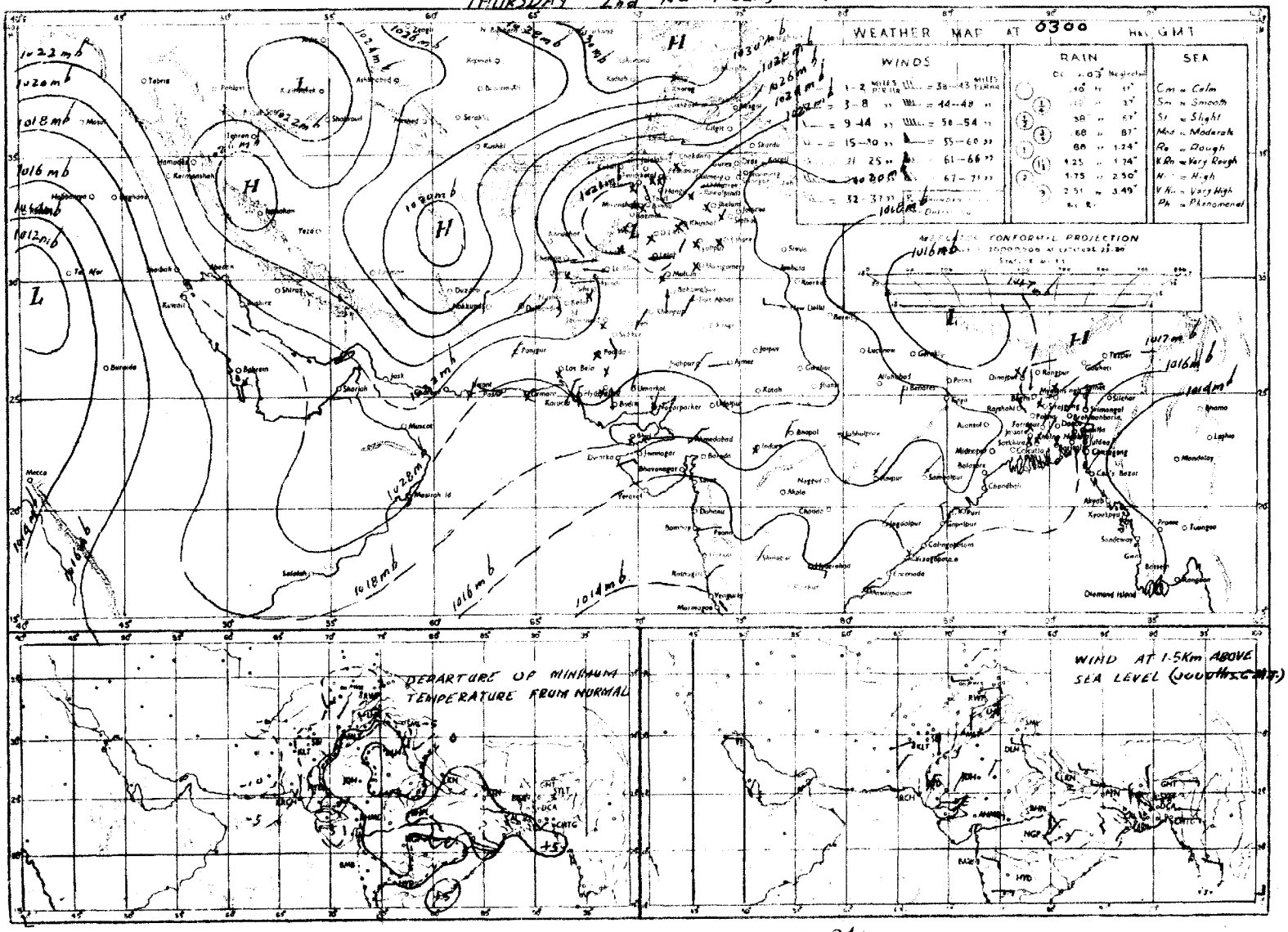
WEDNESDAY 1st NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 3rd NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave is moving away across Assam.

Dry continental air continues to prevails over West Pakistan.

Weather remained dry over the country.

Night temperatures were 6–8 °F below normal in Quetta and Kalat divisions, 2–5°F so in Peshawar and Rawalpindi divisions and 2–5°F above normal in East Pakistan.

Forecast valid until the evening of 4th November, 1961:—Scattered thunderstorm/showers may occur in Chittagong divisions. Dry weather will previal elsewhere over the country.

Karachi-11
The 3rd November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Ws (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	03	2	136	81	9	x	0	x	x	75	87
	Cox's Bazar	000	0	7	31	05	xx	03	2	123	82	1	1	6	3	8	75	89
	Chittagong	000	0	2	00	00	xx	13	1	127	81	7	3	6	1	0	75	87
	Maijdee Court	000	9	4	00	00	xx	03	0	125	80	2	0	9	4	0	75	85
	Comilla	000	0	4	00	00	96	02	2	121	82	4	4	6	0	0	75	89
	Brahmanbaria	000	0	4	00	00	xx	03	1	130	82	4	0	9	4	0	73	86
	Sylhet	000	0	5	27	02	xx	01	2	128	79	1	1	6	3	6	74	86
	Srimangal	000	0	0	00	00	xx	00	0	xxx	78	0	0	9	0	0	74	88
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	134	82	0	0	9	0	0	72	87
	Narayanganj	000	0	0	00	00	xx	00	0	133	83	0	0	9	0	0	72	87
	Dacca (Tezgaon)	000	0	0	31	02	97	01	1	126	79	0	0	9	0	0	72	87
	Faridpur	000	0	1	00	00	95	05	0	138	81	1	4	6	0	0	74	86
Khulna	Barisal	000	0	0	00	00	97	02	2	132	88	0	0	9	0	0	75	89
	Khulna	000	0	0	00	00	xx	00	0	133	83	0	0	9	0	0	72	87
	Satkhira	000	0	3	00	00	96	03	1	135	84	2	4	7	3	0	74	87
	Jessore	000	0	4	36	02	96	02	2	126	83	2	4	6	6	0	73	89
Rajshahi	Pabna	000	0	0	00	00	xx	02	1	133	81	0	0	9	0	0	71	67
	Sirajganj	000	0	0	00	00	xx	00	1	131	80	0	0	9	0	0	73	86
	Bogra	000	0	0	00	00	xx	0C	0	123	80	0	0	9	0	0	73	87
	Dinajpur	000	0	0	00	00	xx	00	0	139	81	0	0	9	0	0	69	68
	Rangpur	000	0	0	00	00	96	01	0	131	77	0	0	9	0	0	71	66
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	175	75	0	0	9	0	0	52	79
	Sialkot	000	0	0	23	02	97	00	0	164	75	0	0	9	0	0	49	80
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	169	75	0	0	9	0	0	49	80
	Rawalpindi	000	0	0	00	00	99	00	0	181	68	0	0	9	0	0	47	76
	Campbellpur	000	0	0	00	00	98	00	0	159	79	0	0	9	0	0	42	80
Sargodha	Khushab	000	0	0	00	00	99	00	0	166	xx	0	0	9	0	0	43	84
	Lyallpur	000	0	0	00	00	96	00	0	180	82	0	0	9	0	0	41	82
Multan	Montgomery	000	0	0	00	00	96	00	0	180	80	0	0	9	0	0	47	81
	Multan	000	0	0	00	00	98	02	0	177	79	0	0	9	0	0	42	83
	Leiah	000	0	0	18	02	97	00	0	088	74	0	0	9	0	0	32	82
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	176	80	0	0	9	0	0	56	84
	Bahawalpur	000	0	1	08	02	98	00	0	160	82	0	0	9	0	0	68	84
	Fort Abbas	000	0	0	36	02	98	00	0	190	78	0	0	9	0	0	54	82
Peshawar	Chakdara	000	0	0	00	00	97	00	0	154	71	0	0	9	0	0	45	76
	Peshawar	000	0	0	00	00	97	02	0	176	73	0	0	9	0	0	49	78
	Haripur	000	0	0	23	02	97	00	0	171	78	0	0	9	0	0	64	81
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	164	78	0	0	9	0	0	46	78
	D. I. Khan	000	0	0	00	00	98	00	0	173	80	0	0	9	0	0	59	84
Quetta	Sibi	000	6	0	18	02	98	00	0	176	83	0	0	9	0	0	42	87
Kalat	Nokkundi	000	0	0	23	03	98	02	0	177	80	0	0	9	0	0	34	82
	Turbat	000	0	0	27	02	98	00	0	147	69	0	0	9	0	0	28	92
	Jiwani	000	0	3	16	05	97	02	0	176	81	0	0	9	0	1	36	87
	Pasni	000	2	2	16	05	97	03	0	176	81	0	0	9	0	2	60	83
Karachi Division	Ormara	000	0	0	24	04	96	00	0	168	87	0	0	9	0	0	55	88
	Lasbela	000	0	0	00	00	98	00	0	165	91	0	0	9	0	0	59	92
	Karachi (Manora)	000	0	0	13	10	98	02	0	154	78	0	0	9	0	0	60	88
	Karachi (Airport)	000	0	0	05	05	97	02	0	165	85	0	0	9	0	0	33	88
Hyderabad	Nagarparkar	000	0	0	09	02	97	00	0	159	86	0	0	9	0	0	75	87
	Umerkot	000	0	0	02	04	98	02	0	156	85	0	0	9	0	0	47	89
	Hyderabad	000	0	0	36	02	97	02	0	167	85	0	0	9	0	0	47	88
	Badin	000	0	0	36	02	97	00	0	164	85	0	0	9	0	0	57	87
Khairpur	Padidan	000	0	0	00	00	97	02	0	177	83	0	0	9	0	0	49	86
	Nawabshah	000	0	0	00	00	97	02	0	177	84	0	0	9	0	0	45	86
	Sukkur	000	0	0	34	02	97	02	0	173	83	0	0	9	0	0	51	85
	Kashmore	000	0	0	00	00	99	00	0	171	88	0	0	9	0	0	46	88
	Jacobabad	000	0	0	36	00	97	02	0	177	84	0	0	9	0	0	53	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	02	98	00	0	544	52	0	0	9	0	0	36	58
Peshawar	Drosh *	000	0	0	13	07	97	02	0	551	61	0	0	9	0	0	15	71
	Cherat *	000	0	0	36	05	98	00	0	528	62	0	0	9	0	0	45	72
	Kakul *	000	2	1	18	05	98	01	0	554	62	0	0	9	0	1	40	70
	Landikotal *	000	0	0	23	02	99	00	0	543	68	0	0	9	0	0	41	72
	Parachinar *	000	0	2	13	01	99	00	0	545	64	2	0	9	2	0	21	68
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	555	73	0	0	9	0	0	46	75
	Wana *	000	0	0	00	00	99	00	0	517	68	0	0	9	0	0	27	71
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	557	71	0	0	9	0	0	13	73
	Hindubagh *	000	0	0	27	07	97	00	0	525	63	0	0	9	0	0	63	71
	Loralai *	000	0	0	16	03	99	00	0	321	67	0	0	9	0	0	53	72
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	547	64	0	0	9	0	0	27	65
	Chaman *	000	0	0	27	05	98	00	0	546	66	0	0	9	0	0	11	68
	Nushki *	000	0	0	00	00	98	02	0	597	72	0	0	9	0	0	44	74
	Dalbandin *	000	6	3	05	05	97	03	0	573	75	0	0	9	0	1	17	77
Kalat	Kalat *	000	0	0	31	03	98	00	0	502	58	0	0	9	0	0	33	69
	Panjgur *	000	0	3	05	02	98	02	0	548	72	0	0	9	5	0	28	77
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	6	36	05	96	03	4	176	79	3	2	5	7	x	75	75	—	—	0	—	122.4	—
	Cox's Bazar	000	0	2	36	09	97	02	0	160	83	2	0	9	3	0	76	76	+3	+5	0	−0.9	184.5	140
	Chittagong	000	0	2	05	05	96	01	1	165	85	1	0	7	1	1	76	75	+2	+5	0	−0.6	170.6	108
	Maijdee Court	000	0	2	31	02	98	00	0	174	80	0	0	8	3	0	70	74	+1	+5	0	−0.5	124.5	115
	Comilla	000	0	3	36	09	97	02	1	164	81	3	3	7	0	0	72	77	+4	+9	0	−0.3	76.9	94
	Brahmanbaria	000	0	0	36	02	97	01	1	175	81	2	0	9	4	0	71	74	—	—	0	−0.1	65.4	78
	Sylhet	000	0	6	09	02	96	42	4	170	76	8	8	5	3	0	75	71	—	—	0		—	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	179	78	0	0	9	0	0	71	70	+3	+2	0	−0.2	61.8	91
	Narayanganj	000	9	2	00	00	96	01	0	175	81	2	0	9	7	0	71	73	+2	+3	0	−0.3	62.5	74
	Dacca (Tezgaon)	000	0	2	36	02	97	02	0	169	79	2	0	9	3	0	70	70	—	—	0		81.2	—
	Faridpur	000	0	0	02	02	95	05	0	171	79	0	0	9	0	0	71	70	+3	+1	0	−0.3	87.9	71
Khulna	Barisal	000	0	4	00	00	97	02	2	174	80	4	0	9	4	0	73	xx	+5	xx	0	−0.4	76.5	81
	Khulna	000	0	0	00	00	97	00	0	170	80	0	0	9	0	0	69	73	+3	+5	0	−0.3	98.5	68
	Satkhira	000	0	0	00	00	97	00	1	180	79	0	0	9	0	0	69	70	0	+4	0	−0.2	62.2	65
	Jessore	000	0	0	36	02	97	00	0	174	78	0	0	9	0	0	69	69	—	—	0	−0.3	55.6	68
Rajshahi	Pabna	000	0	0	31	05	99	02	0	175	80	0	0	9	0	0	71	70	—	—	0	—	41.5	59
	Sirajganj	000	0	0	00	00	98	00	0	175	80	0	0	9	0	0	71	68	+3	+1	0.2	+0.0	49.5	64
	Bogra	000	0	0	34	02	96	02	0	176	77	0	0	9	0	0	71	69	+3	+3	0.1	−0.1	53.4	69
	Dinajpur	000	0	0	00	00	96	00	0	176	79	0	0	9	0	0	71	67	+4	+2	0	0	51.7	72
	Rangpur	000	5	1	05	02	96	01	4	180	75	1	0	9	1	0	70	68	+2	+3	0	−0.1	60.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	200	59	0	0	9	0	0	49	52	−9	+1	0	0	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	194	65	0	0	9	0	0	48	53	−4	−1	0	0	35.0	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	196	55	0	0	9	0	0	51	50	—	—	0	—	34.8	—
	Rawalpindi	000	0	0	00	00	96	10	0	210	51	0	0	9	0	0	47	46	−4	−2	0	0	52.5	36
	Campbellpur	000	0	0	00	00	98	00	0	187	54	0	0	9	0	0	38	44	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	97	00	0	196	56	0	0	9	0	0	46	50	−3	−4	0	0	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	213	58	0	0	9	0	0	50	52	−4	+1	0	0	1.4	12
Multan	Montgomery	000	0	0	00	00	96	00	0	212	61	0	0	9	0	0	52	52	−8	−3	0	0	10.1	10
	Multan	000	0	0	00	00	98	02	0	202	64	0	0	9	0	0	46	56	−5	+2	0	0	7.6	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	200	67	0	0	9	0	0	49	80	−7	−5	0	0	13.6	4
	Bahawalpur	000	0	0	18	02	98	00	0	207	66	0	0	9	0	0	54	53	−7	−1	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	205	68	0	0	9	0	0	51	52	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	210	50	0	0	9	0	0	37	44	—	—	0	—	25.3	—
	Peshawar	000	0	0	00	00	97	02	0	206	52	0	0	9	0	0	43	50	−5	−3	0	0	18.1	11
	Haripur	000	0	0	23	02	97	00	0	189	57	0	0	9	0	0	45	47	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	198	55	0	0	9	0	0	40	50	—	—	0	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	195	67	0	0	9	0	0	53	51	−1	−1	0	0	7.7	9
Quetta	Sibi	000	2	0	00	00	95	05	4	210	60	0	0	9	0	0	35	55	—	—	0	—	5.6	8
Kalat	Nokkundi	000	0	0	36	03	98	02	0	241	52	0	0	9	0	0	27	48	—	—	0	—	1.0	2
	Turbat	000	0	0	09	02	97	00	0	199	60	0	0	9	0	0	32	xx	—	—	0	—	11.3	—
	Jiwani	000	0	0	36	02	97	02	0	197	67	0	0	9	0	0	55	63	—	—	0	—	3.8	5
	Pasni	000	2	2	29	02	97	03	0	194	64	0	0	9	0	2	51	57	−5	−8	0	0	5.4	4
Karachi Division	Ormara	000	0	0	00	00	96	00	0	185	68	0	0	9	0	0	59	61	—	—	0	0	9.9	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Karachi (Manora)	000	0	0	05	09	96	02	0	191	70	0	0	9	0	0	56	67	+1	−3	0	0	9.8	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	197	62	0	0	9	0	0	41	55	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	06	97	00	0	166	72	0	0	9	0	0	54	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	34	01	97	02	0	188	62	0	0	9	0	0	44	53	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	200	65	0	0	5	0	0	53	61	−5	−2	0	0	12.9	7
	Badin	000	0	0	36	05	97	00	0	205	64	0	0	9	0	0	49	63	−7	0	0	0	14.8	9
Khairpur	Padidan	000	0	2	00	00	96	03	0	201	60	0	0	9	0	4	48	49	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	203	59	0	0	9	0	0	49	54	—	—	0	—	9.3	—
	Sukkur	000	0	0	13	02	95	02	0	192	66	0	0	9	0	0	53	58	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	097	70	0	0	9	0	0	54	52	—	—	0	—	1.8	—
	Jacobabad	000	0	0	05	02	97	02	0	203	49	0	0	9	0	0	49	xx	−6	xx	0	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	07	05	98	00	0	550	51	0	0	9	0	0	12	42	−2	−2	0.1	0	69.3	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	584	45	0	0	9	0	0	27	44	+2	−2	0	—	22.8	18
	Cherat *	000	0	0	02	11	98	00	0	524	56	0	0	9	0	0	34	45	+2	−7	0.5	+0.4	33.9	29
	Kakul *	000	0	0	34	03	99	00	0	551	55	0	0	9	0	0	31	48	—	—	0	—	36.3	—
	Landikotal *	000	0	0	00	00	99	00	0	534	51	0	0	9	0	0	37	41	—	—	0.1	—	13.2	—
	Parachinar *	000	0	0	00	00	99	00	0	547	43	0	0	9	0	0	24	41	−1	−2	0.1	—	29.3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	527	50	0	0	9	0	0	24	48	—	—	0	0	7.7	13
	Wana *	000	0	0	00	00	99	00	0	517	43	0	0	9	0	0	20	35	—	—	0	—	4.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	572	52	0	0	9	0	0	16	41	−3	−4	0	0	11.2	11
	Hindubagh *	000	0	0	27	02	97	00	0	567	45	0	0	9	0	0	08	28	—	—	0	—	5.8	—
	Loralai *	000	0	0	31	03	99	00	0	306	47	0	0	9	0	0	36	38	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	0	34.7	14
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Chaman *	000	0	0	09	05	98	00	0	561	54	0	0	9	0	0	13	39	−5	−7	0	0	6.3	8
	Nushki *	000	0	0	00	00	98	02	0	582	58	0	0	9	0	0	37	53	—	—	0	—	3.8	—
	Dalbandin *	000	0	1	05	03	98	01	0	547	42	0	0	9	0	0	03	37	−6	−9	0	0	2.7	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	545	35	0	0	9	0	0	21	38	+1	−6	0	0	12.9	7
	Panjgur *	000	0	3	05	03	98	03	0	543	47	3	0	9	0	4	23	44	−4	−6	0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

Whenever 999 list from or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 3rd NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Resource	53 185	638 00	1 03 13	97 0 20	137 79	xx x xx	75 4 00	...	00 0 73	10 3 22
Suhomaru	53 225	609 06	3 04 10	98 0 20	190 84	12 6 40	75 1 30	...	00 4 68	
Chindwara	53 35x	651 06	0 05 13	98 0 00	201 80	00 0 00	15 1 20	...	00 5 70	10 7 22
Eucadia	53 187	590 06	4 06 13	98 0 20	183 91	21 5 60	15 2 10	...	00 0 71	10 7 33
British Resource	53 205	419 12	0 02 13	98 0 20	149 80	03 9 00	75 4 00	..	05 1 73	10 2 23
British Resource	53 216	610 18	0 02 13	98 0 20	182 78	00 9 00	75 2 10	...	05 1 72	10 2 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 228 202	...	...	150 168 078	..	316 072 502	441 508 995	585 570 990	755 682 995	963 848	236 022	...	...
Jiwani ...														
Karachi ...	00 00	015 152 075	151 202 995	...	155 202 995	...	320 110 990	447 042 995	592 572 998	761 712 998	966 865	240 010	...	...
Lahore ...	00 00	993 192 115	...	...	149 138 012	...	315 012 602	438 560 990	578 642 995	744 740 990	950 830	228 958	...	...
Multan ...														
Peshawar ...	00 00	976 128 035	...	...	151 132 032	...	313 052 602	436 532 672	578 615 995	746 732 995	952 872	221 020	...	...
Quetta ...	00 00	834 068 622	...	...	...		312 525 925	432 xxx xxx	569 710 990	731 780 990	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 198 102	800 145 075	624 002 555	...	...	...	...	...	...	624 002 555	...	...
Jiwani ...													
Karachi ...	00 00	900 22x xxx	800 17x xxx	350 80x xxx	250 91x xxx	172 06x xxx	...	...	...	...	172 06x xxx	...	...
Lahore ...	00 00	900 168 058	800 105 512	...	...	...	...	...	...	...	800 105 512	...	...
Multan ...													
Peshawar ...	00 00	925 162 062	900 812 505	800 105 512	...	...	...	...	...	...	800 105 512	...	...
Quetta ...	00 00	800 062 598	745 042 618	751 000 990	...	...	...	...	...	...	715 000 990	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA†

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION (At 1200 hrs. G.M.T. † of Previous day (dd ff))	2	3	4	5	6	7	8	9	10
Bogra ...	31 06	32 06	31 06	29 06	20 07	24 23	25 20	26 30	26 34
Chaklala ...	...	30 08	29 08	04 03	04 04	08 06	02 13	35 14	35 20
Chhor ...	04 05	05 06	05 06	02 05	34 09	30 13	26 26	26 35	26 50
Chittagong ...	35 08	35 06	33 03	25 02	27 02	...	...	...	...
Cox's Bazar ...	33 13	31 04	16 03	16 04	...	...	...	...	...
Dacca ...	31 10	31 09	30 08	22 05	22 08	25 11	23 18	...	...
Dalbandin ...	...	...	07 02	04 04	33 02	03 02	31 09	31 11	29 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 02	35 03	09 [illegible]	34 13	34 19
Fort Sandeman ...	...	...	...	34 02	02 01	31 09	36 16	34 25	35 25
Jacobabad ...	27 02	25 02	24 03	32 05	01 05	34 08	33 13	31 19	20 27
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	30 04	31 05	32 07	02 02	03 03	08 03	35 15	33 19	33 21
Jiwani ...	13 04	05 03	05 06	10 07	09 05	01 06	29 10	26 09	25 06
Karachi ...	06 09	04 10	04 09	03 11	02 09	03 02	29 11	28 13	27 13
Khanpur ...	27 04	28 05	28 04	34 05	35 12	01 23	34 20	32 22	32 33
Lahore ...	31 06	31 06	32 07	35 08	02 07	03 08	03 11	03 03	36 10
Multan ...	12 03	06 01	38 01	07 07	07 18	01 09	36 09	32 18	31 23
Mianwali ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	27 01	25 08	33 05	31 13	28 15	27 15
Peshawar ...	...	07 01	19 03	19 05	20 06	31 09	34 10	36 11	34 11
Quetta ...	...	...	...	...	30 06	24 02	35 04	34 06	32 11
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 03	29 03	35 02	18 05	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION (At 0000 hrs. G.M.T. † of date (dd ff))	11	12	13	14	15	16
Bogra ...	34 10	36 06	36 06	31 07	27 08	...
Chaklala ...	...	04 06	02 04	39 04	36 09	32 03
Chhor ...	05 12	05 12	05 10	06 10	xx xx	30 16
Chittagong ...	02 11	02 11	01 04	21 04	21 08	18 10
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	35 08	35 09	35 04	23 10	22 13	22 15
Dalbandin ...	...	...	07 08	06 09	35 09	33 07
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	11 02	01 09	01 09
Fort Sandeman ...	...	...	...	24 02	31 06	01 07
Jacobabad ...	15 04	27 03	29 04	27 04	36 06	04 09
Jessore ...	01 15	01 12	36 09	28 03	24 14	...
Jhelum ...	35 04	32 08	32 09	35 10	33 07	29 03
Jiwani ...	29 06	30 05	35 02	09 05	08 12	01 04
Karachi ...	...	...	...	...	...	...
Khanpur ...	17 12	11 15	15 09	16 06	20 04	27 10
Lahore ...	29 09	30 13	30 10	33 08	35 06	04 08
Multan ...	19 08	20 05	18 04	06 01	03 04	01 14
Mianwali ...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 10	03 05	34 05
Peshawar ...	...	04 03	06 02	34 06	33 10	30 15
Quetta ...	...	...	...	...	32 03	30 09
Sharjah ...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION (At 0600 hrs. G.M.T. † of date (dd ff))	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 07	34 06	33 07	35 [illegible]	24 10	23 24	...	...	...	...	...
Chaklala ...	...	21 07	21 01	12 01	06 05	04 08	02 04	31 05	32 07	31 17	29 31
Chhor ...	07 07	04 09	04 12	05 15	06 08	31 11	29 13	27 13	30 13	...	...
Chittagong ...	01 03	35 02	15 01	21 04	xx xx	17 07	24 06	31 15	28 15	...	...
Cox's Bazar ...	35 04	04 03	07 01	22 03	18 06	16 13	14 10	30 03	01 07	...	...
Dacca ...	33 04	34 05	33 06	28 04	24 13	20 17	26 17	28 29	28 31	...	...
Dalbandin ...	...	...	07 08	07 09	36 07	31 07	31 13	31 18	31 20	29 17	28 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 11	02 12	02 12	32 04	33 07	...	...
Fort Sandeman ...	...	...	...	23 04	27 05	32 03	34 30	34 32	33 26	32 21	...
Jacobabad ...	22 01	23 02	23 04	26 06	35 05	06 07	29 13	30 17	30 15	27 17	...
Jessore ...	35 10	36 11	35 09	29 05	22 12	22 15	25 15	...	...	...	...
Jhelum ...	30 01	29 04	29 05	24 06	29 04	28 04	34 08	32 12	30 19	30 24	28 28
Jiwani ...	32 03	04 03	04 04	04 07	06 09	31 06	31 16	30 09	30 18	...	...
Karachi ...	07 08	07 06	05 08	06 13	07 16	32 08	30 09	29 12	27 13	...	...
Khanpur ...	17 08	17 07	17 06	28 04	05 05	01 09	04 04	33 12	29 21	...	...
Lahore ...	30 06	31 10	31 09	33 03	06 05	01 04	00 09	33 15	33 47	30 15	...
Multan ...	21 07	19 07	18 09	15 00	01 01	04 10	32 13	32 13	29 32	27 16	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	06 07	03 05	33 05	32 09	33 10	30 11	30 00	26 21
Peshawar ...	...	02 02	29 01	31 06	27 03	35 02	34 12	35 11	35 13	33 19	...
Quetta ...	...	...	...	...	30 05	25 01	30 18	32 12	32 43	32 17	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 03	14 02	15 02	25 04	24 11	24 17	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 06	35 07	31 07	25 09	21 12	20 10	23 15	26 24	27 25	26 27	26 37	27 43	27 35	27 38	...	...	...	...
Karachi ...	08 15	08 15	06 13	06 19	04 16	05 08	29 11	28 11	28 14	28 22	27 41	25 52	25 74	...	...	...	...	...
Peshawar ...	...	26 13	33 09	05 07	34 06	27 08	33 08	31 04	31 19	30 27	28 32	29 49	28 43	29 71	28 60	...	...	...
Quetta ...																		

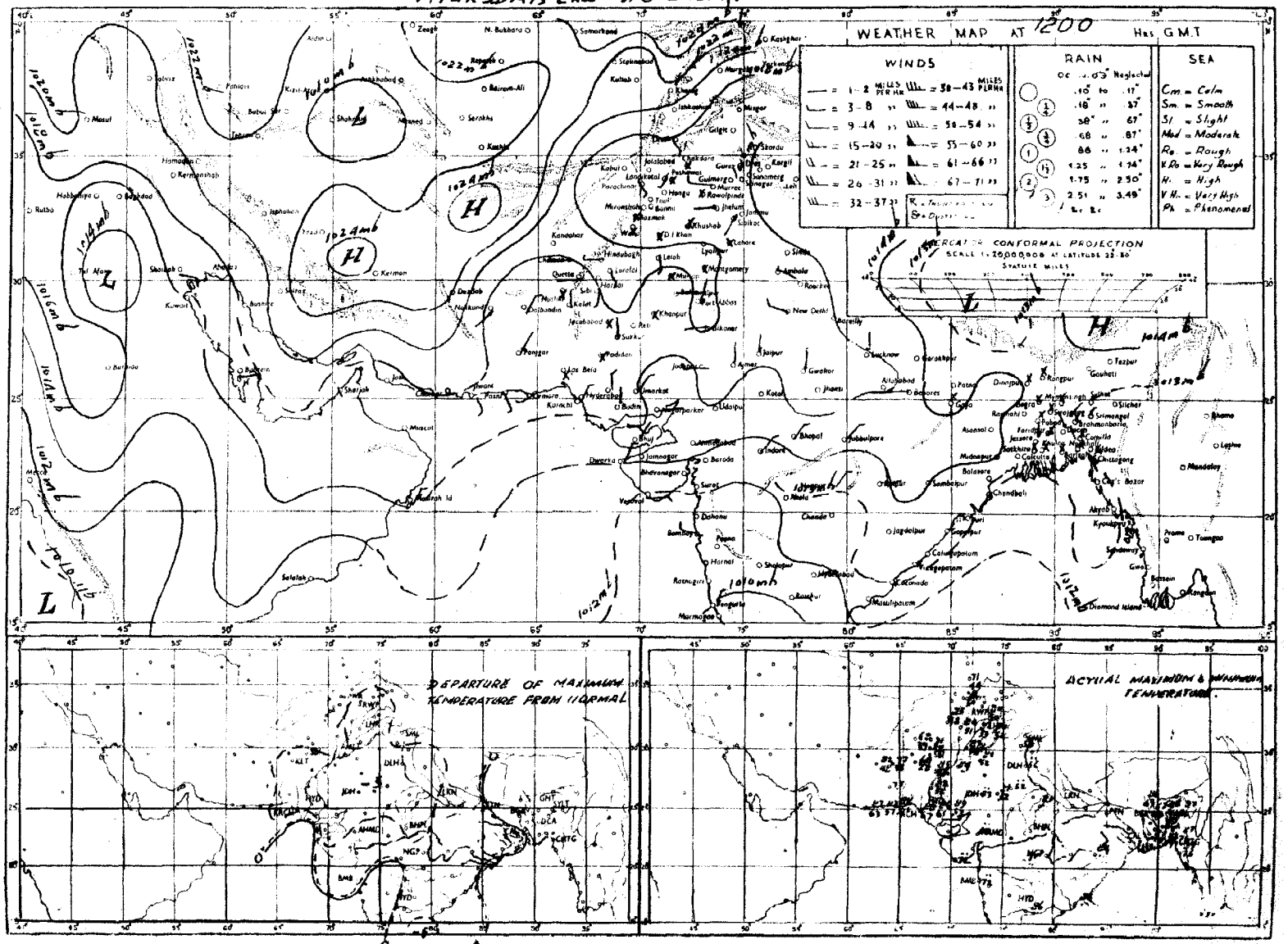
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

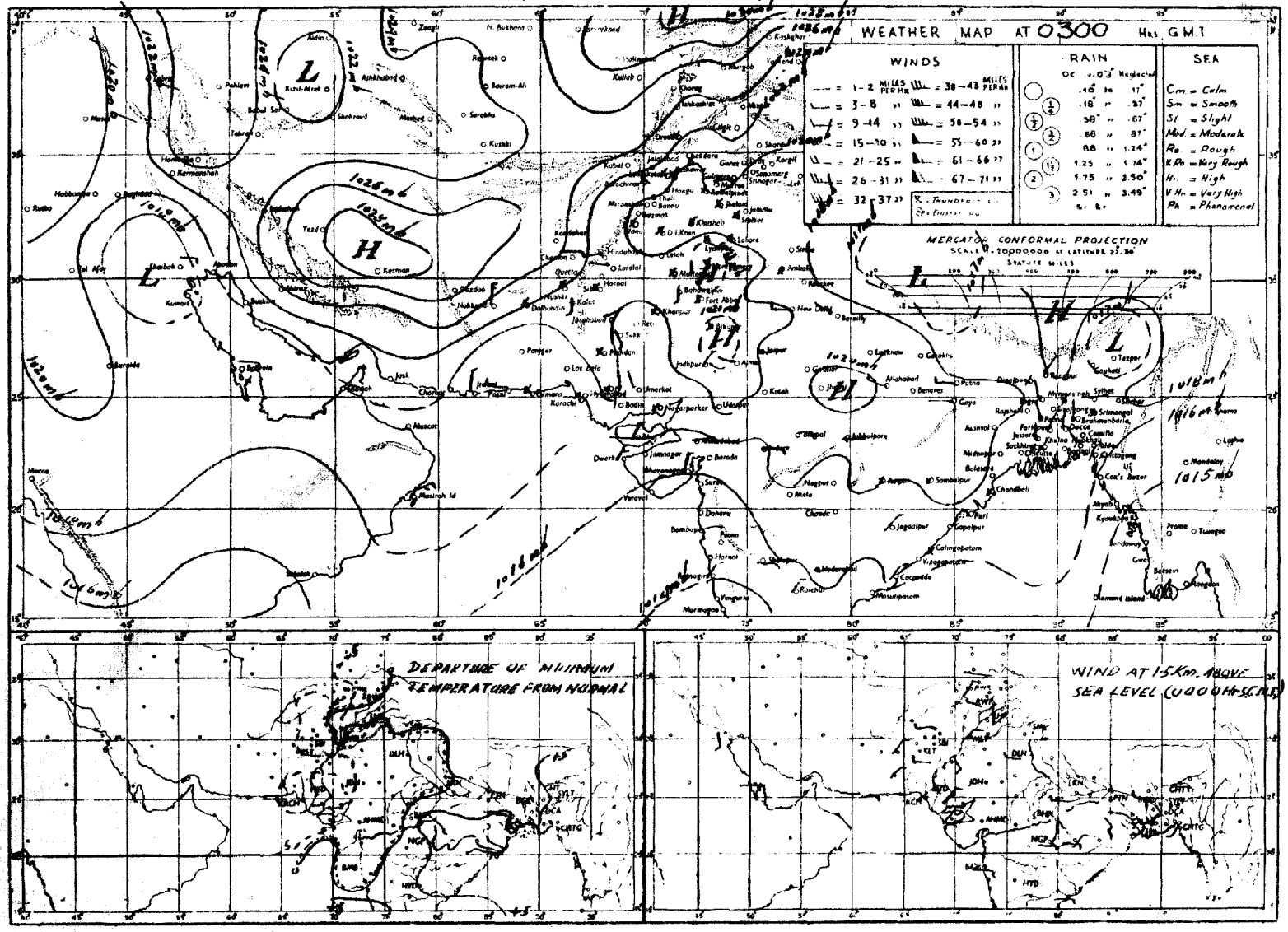
THURSDAY, 2nd NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 3rd NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 4th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A westerly low pressure wave is moving across north Bihar and neighbourhood. Isolated light rain has occured in Chittagong division.

Dry continental air continues to prevails over West Pakistan where weather remained dry.

Night temperatures were 6-10 °F below normal in Kalat and Hyderabad divisions, 3-5°F so in Quetta, Peshawar, Rawalpindi and Sargodha divisions and 3-5°F above normal in Bahwalpur and Chittagong divisions.

Forecast valid until the evening of 5th November, 1961:—Scattered thunderstorm/showers may occur in northern districts of Rajshahi, Dacca and Chittagong divisions. The weather will be dry elsewhere over the country.

Karachi-11
The 4th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	03	xx	00	2	140	84	9	x	0	x	x	73	89
	Cox's Bazar	000	0	3	36	05	xx	02	1	135	82	2	9	5	0	8	75	88
	Chittagong	000	0	2	34	04	xx	13	1	135	81	1	3	6	0	1	74	89
	Maijdee Court	000	9	0	00	00	xx	00	0	135	80	0	0	9	0	0	72	86
	Comilla	000	0	7	00	00	97	02	0	130	80	2	0	7	0	0	73	88
	Brahmanbaria	000	0	1	00	00	xx	01	1	137	82	1	0	9	4	0	75	87
	Sylhet	000	0	1	00	00	xx	01	2	132	80	0	0	9	8	0	73	89
	Srimangal	000	0	0	00	00	xx	00	0	xxx	77	0	0	9	0	0	73	90
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	140	82	0	0	9	0	0	70	88
	Narayanganj	000	9	2	00	00	xx	01	0	139	81	0	0	9	0	1	68	89
	Dacca (Tezgaon)	000	0	2	01	00	97	02	0	134	78	0	0	9	0	1	69	86
	Faridpur	000	0	2	00	00	95	05	0	141	81	0	0	9	0	8	69	85
Khulna	Barisal	000	0	3	00	00	97	02	2	134	86	3	7	6	0	0	75	89
	Khulna	000	0	0	00	00	xx	00	0	141	82	0	0	9	0	0	71	86
	Satkhira	000	0	3	00	00	97	03	1	141	83	2	4	6	3	0	73	86
	Jessore	000	0	2	36	02	97	01	1	145	82	2	4	6	6	0	70	87
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	142	81	0	0	9	0	0	70	85
	Sirajganj	000	0	0	00	00	xx	00	0	147	79	0	0	9	0	0	70	87
	Bogra	000	0	0	00	00	xx	02	0	141	79	0	0	9	0	0	72	87
	Dinajpur	000	0	0	00	00	xx	00	0	158	81	0	0	9	0	0	71	89
	Rangpur	000	0	0	00	00	96	01	0	142	78	0	0	9	0	0	69	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	164	76	0	0	9	0	0	51	81
	Sialkot	000	0	0	00	00	97	00	0	160	73	0	0	9	0	0	49	85
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	189	76	0	0	9	0	0	51	82
	Rawalpindi	000	0	0	00	00	99	00	0	170	70	0	0	9	0	0	48	80
	Campbellpur	000	0	0	00	00	98	06	0	148	80	0	0	9	0	0	41	81
Sargodha	Khushab	000	0	0	27	02	99	00	0	159	82	0	0	9	0	0	46	84
	Lyallpur	000	0	0	00	00	96	00	0	161	80	0	0	9	0	0	41	80
Multan	Montgomery	000	0	0	00	00	96	00	0	165	79	0	0	9	0	0	57	84
	Multan	000	0	0	00	00	98	02	0	162	82	0	0	9	0	0	47	85
	Leiah	000	0	0	36	07	97	00	0	160	74	0	0	9	0	0	42	81
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	162	81	0	0	9	0	0	51	87
	Bahawalpur	000	0	0	36	02	96	00	0	165	83	0	0	9	0	0	64	87
	Fort Abbas	000	0	0	00	00	98	00	0	164	80	0	0	9	0	0	52	85
Peshawar	Chakdara	000	0	0	18	02	97	00	0	156	71	0	0	9	0	0	45	78
	Peshawar	000	0	0	00	00	98	02	0	158	74	0	0	9	0	0	48	80
	Haripur	000	0	0	23	02	97	00	0	157	78	0	0	9	0	0	65	80
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	151	79	0	0	9	0	0	45	80
	D. I. Khan	000	0	0	00	00	98	00	0	156	79	0	0	9	0	0	56	82
Quetta	Sibi	000	6	0	00	00	98	00	0	007	83	0	0	9	0	0	42	81
Kalat	Nokkundi	000	0	0	23	03	98	02	0	168	81	0	0	9	0	0	55	83
	Turbat	000	0	0	13	02	98	00	0	132	90	0	0	9	0	0	28	93
	Jiwani	000	0	0	23	07	97	02	0	157	82	0	0	9	0	0	46	86
	Pasni	000	0	0	16	05	97	00	0	161	81	0	0	9	0	0	57	82
Karachi Division	Ormara	000	0	0	23	03	96	00	0	157	84	0	0	9	0	0	39	86
	Lasbela																	
	Karachi (Manora)	000	0	0	27	12	98	02	0	148	82	0	0	9	0	0	72	87
	Karachi (Airport)	000	0	0	27	05	97	02	0	152	84	0	0	9	0	0	42	89
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	120	83	0	0	9	0	0	69	92
	Umerkot	000	0	0	02	05	98	02	0	141	86	0	0	9	0	0	48	88
	Hyderabad	000	0	0	00	00	97	02	0	155	83	0	0	9	0	0	49	89
	Badin	000	0	0	36	02	97	00	0	145	84	0	0	9	0	0	50	89
Khairpur	Padidan	000	0	0	00	00	97	02	0	155	84	0	0	9	0	0	33	88
	Nawabshah	000	0	0	00	00	97	02	0	160	85	0	0	9	0	0	46	87
	Sukkur	000	0	0	16	02	97	02	0	157	83	0	0	9	0	0	51	87
	Kashmore	000	0	0	00	00	99	00	0	167	68	0	0	9	0	0	41	86
	Jacobabad	000	0	0	23	09	97	02	0	161	84	0	0	9	0	0	50	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	02	99	00	0	559	52	0	0	9	0	0	33	60
Peshawar	Drosh *	000	0	0	13	07	97	02	0	541	61	0	0	9	0	0	20	73
	Cherat *	000	0	0	00	00	98	00	0	517	63	0	0	9	0	0	45	72
	Kakul *	000	0	0	18	05	99	00	0	545	63	0	0	9	0	0	39	72
	Landikotal *	000	0	0	00	00	99	00	0	532	69	0	0	9	0	0	35	72
	Parachinar *	000	0	2	13	01	99	00	0	545	65	2	0	9	2	0	14	68
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	537	75	0	0	9	0	0	36	76
	Wana *	000	0	0	00	00	99	00	0	517	69	0	0	9	0	0	27	73
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	540	73	0	0	9	0	0	15	74
	Hindubagh *	000	0	0	27	09	97	00	0	504	67	0	0	9	0	0	67	72
	Loralai *	000	0	0	13	02	99	00	0	345	66	0	0	9	0	0	56	72
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	27	02	96	00	0	540	47	0	0	9	0	0	40	63
	Chaman *	000	0	0	27	05	98	00	0	542	68	0	0	9	0	0	11	70
	Nushki *	000	0	0	27	05	98	02	0	597	72	0	0	9	0	0	44	74
	Dalbandin *	000	0	0	05	02	98	02	0	558	74	0	0	9	0	0	06	77
Kalat	Kalat *	000	0	0	34	02	98	00	0	540	60	0	0	9	0	0	19	64
	Panjgur *	000	0	0	36	10	98	02	0	534	74	0	0	9	0	0	18	80
Afghanistan	Kabul *																	
	Kandahar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Rangamati	000	3	5	36	04	98	03	4	158	79	4	7	5	0	4	73	74	—	—	0	—	122.4	—
Cox's Bazar	000	0	3	34	07	57	02	0	150	81	3	0	9	3	8	73	75	+ 2	+ 4	0	— 2.2	184.5	140
Chittagong	000	0	1	05	02	96	01	1	150	83	1	0	9	1	0	73	73	+ 4	+ 3	0	— 0.7	170.6	108
Maijdee Court	000	9	0	00	00	98	00	0	165	90	0	0	9	0	0	72	71	+ 2	+ 2	0	— 0.7	134.5	115
Comilla	000	0	3	06	05	97	02	0	144	80	0	0	9	0	0	69	70	+ 3	+ 2	0	— 0.4	76.9	94
Brahmanbaria	000	0	0	36	02	97	00	1	164	80	0	0	9	0	0	71	70	—	—	0	— 0.2	65.4	78
Sylhet	000	4	1	09	05	91	61	4	113	60	1	4	6	0	0	75	75	—	—	0	—	—	—
Srimangal	000	3	4	36	03	96	02	0	xxx	84	0	0	5	4	0	74	68	+ 2	+ 5	0	— 0.5	51.1	98
Mymensingh	000	0	0	27	02	97	00	0	159	75	0	0	9	0	0	70	68	+ 4	0	0	— 0.3	61.8	91
Narayanganj	000	9	1	31	02	97	01	0	165	78	0	0	9	0	1	67	70	+ 4	0	0	— 0.4	62.5	74
Dacca (Tezgaon)	000	0	1	36	02	97	02	0	162	77	0	0	9	0	1	67	68	—		0	—	81.2	—
Faridpur	000	0	1	34	02	95	05	0	176	78	0	0	9	0	1	64	68	+ 2	— 1	0	— 0.4	87.9	71
Barisal	000	0	0	00	00	97	02	2	163	78	0	0	9	0	0	65	71	+ 5	+ 2	0	— 0.5	76.5	81
Khulna	000	0	0	00	00	97	00	0	169	79	0	0	9	0	0	63	70	+ 2	+ 2	0	— 0.3	56.5	68
Satkhira	000	0	3	36	02	97	01	1	173	77	1	1	1	3	0	61	66	— 1	0	0	— 0.2	62.2	65
Jessore	000	0	1	31	03	97	00	0	169	74	0	0	9	0	2	61	65	—	—	0	— 0.4	55.6	65
Pabna	000	0	1	31	05	99	03	0	168	75	1	0	9	5	0	11	67	—	—	0	—	41.5	59
Sirajganj	000	0	0	31	02	98	00	0	167	76	0	0	9	0	0	73	65	+ 4	— 2	0.2	0	49.5	64
Bogra	000	0	0	31	03	96	02	0	167	71	0	0	9	0	0	63	66	+ 3	0	0.1	— 0.2	53.4	69
Dinajpur	000	0	0	00	00	96	00	0	118	74	0	0	9	0	0	63	63	+ 5	— 2	0	0	51.7	72
Rangpur	000	0	2	05	02	96	01	2	172	74	2	0	9	2	0	71	66	+ 2	+ 1	0	— 0.1	60.1	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	187	60	0	0	9	0	0	48	51	— 7	0	0	0	51.1	19
Sialkot	000	0	0	00	00	98	00	0	184	62	0	0	9	0	0	54	54	— 1	0	0	0	35.0	32
Jhelum	000	0	0	00	00	96	02	0	184	52	0	0	9	0	0	49	48	—	—	0	—	34.8	—
Rawalpindi	000	0	0	00	00	96	10	0	200	53	0	0	9	0	0	46	46	— 2	— 2	0	0	52.5	36
Campbellpur	000	0	0	00	00	99	00	0	199	55	0	0	9	0	0	37	43	—	—	0	—	11.8	—
Khushab	000	0	0	00	00	99	00	0	188	60	0	0	9	0	0	44	48	— 3	— 6	0	0	11.1	18
Lyallpur	000	0	0	00	00	96	00	0	187	56	0	0	9	0	0	54	50	— 6	— 2	0	0	1.4	12
Montgomery	000	0	0	00	00	95	05	0	192	60	0	0	9	0	0	53	50	— 5	— 5	0	0	10.1	10
Multan	000	0	0	00	00	97	02	0	190	61	0	0	9	0	0	47	52	— 3	— 2	0	0	7.6	7
Leiah	000	0	0	23	02	97	00	0	198	63	0	0	9	0	0	35	51	—	—	0	—	10.6	8
Khanpur	000	0	0	00	00	96	02	0	189	63	0	0	9	0	0	44	49	— 4	+ 4	0	0	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	187	61	0	0	9	0	0	57	59	— 4	+ 5	0	0	4.9	6
Fort Abbas	000	0	0	00	00	98	00	0	201	72	0	0	9	0	0	48	53	—	—	0	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	212	48	0	0	9	0	0	39	94	—	—	0	—	25.3	—
Peshawar	000	0	0	00	00	98	02	0	200	52	0	0	9	0	0	43	50	— 1	— 3	0	0	18.1	11
Haripur	000	0	0	23	03	97	00	0	131	57	0	0	9	0	0	41	48	—	—	0	—	28.6	—
Bannu	000	0	0	00	00	99	00	0	193	54	0	0	9	0	0	41	50	—	—	0	—	13.9	11
D. I. Khan	000	0	0	00	00	98	00	0	192	59	0	0	9	0	0	54	51	— 3	— 1	0	0	7.7	9
Sibi	000	2	0	05	02	95	05	4	194	59	0	0	9	0	0	40	55	—	—	0	—	5.6	5
Nokkundi	000	0	0	36	03	98	02	0	212	54	0	0	9	0	0	27	48	—	—	0	—	1.0	2
Turbat	000	0	0	09	02	97	00	0	178	65	0	0	9	0	0	30	xx	—	—	0	—	11.3	—
Jiwani	000	0	0	31	02	99	02	0	182	67	0	0	9	0	0	60	65	—	—	0	—	3.8	5
Pasni	000	0	0	29	02	97	00	0	183	60	0	0	9	0	0	51	55	— 6	— 10	0	0	5.4	6
Ormara	000	0	0	00	00	96	00	0	168	64	0	0	9	0	0	55	58	—	—	0	0	9.9	8
Lasbela																							
Karachi (Manora)	000	0	0	05	05	95	05	0	170	71	0	0	9	0	0	59	68	+ 0	— 2	0	0	9.8	8
Karachi (Airport)	000	0	0	31	03	96	00	0	177	65	0	0	9	0	0	40	57	—	—	0	—	24.6	—
Nagarparkar	000	0	0	00	00	97	00	0	185	70	0	0	9	0	0	42	xx	—	—	0	—	37.3	—
Umerkot	000	0	0	02	01	97	02	0	181	64	0	0	9	0	0	46	54	—	—	0	—	18.1	—
Hyderabad	000	0	0	36	02	97	02	0	179	65	0	0	9	0	0	47	61	— 4	— 2	0	0	13.9	7
Badin	000	0	0	34	02	97	00	0	175	59	0	0	9	0	0	51	55	— 5	— 8	0	0	14.8	8
Padidan	000	0	0	00	00	96	02	0	181	55	0	0	9	0	0	47	49	—	—	0	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	189	57	0	0	9	0	0	48	51	—	—	0	—	9.3	—
Sukkur	000	0	0	16	05	96	02	0	193	66	0	0	9	0	0	47	59	—	—	0	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	189	62	0	0	9	0	0	53	52	—	—	0	—	1.8	—
Jacobabad	000	0	0	00	00	97	02	0	189	59	0	0	9	0	0	51	56	— 5	0	0	0	8.3	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu **																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	0	00	00	98	00	0	546	49	0	0	9	0	0	21	40	— 0	— 4	0.1	0	69.3	39
Drosh *	000	0	0	13	03	97	02	0	577	46	0	0	9	0	0	25	45	+ 4	— 1	0	—	23.0	18
Cherat *	000	0	0	23	13	98	00	0	535	58	0	0	9	0	0	31	49	+ 2	— 3	0.5	+ 0.4	33.9	29
Kakul *	000	0	0	36	03	99	00	0	547	53	0	0	9	0	0	34	49	—	—	0	—	36.3	—
Landikotal *	000	0	0	00	00	99	00	0	528	49	0	0	9	0	0	37	42	—	—	0.1	—	13.2	—
Parachinar *	000	0	0	00	00	98	00	0	541	46	0	0	9	0	0	13	42	— 1	— 1	0.1	—	29.3	29
Miranshah *	000	0	0	00	00	99	00	0	539	51	0	0	9	0	0	26	48	—	—	0	0	7.7	13
Wana *	000	0	0	00	00	99	00	0	513	49	0	0	9	0	0	15	35	—	—	0	—	11.3	11
Fort Sandeman *	000	0	0	00	00	98	02	0	560	50	0	0	9	0	0	15	42	— 2	— 3	0	0	11.2	11
Hindubagh *	000	0	0	27	02	97	00	0	540	47	0	0	9	0	0	22	27	—	—	0	—	5.8	—
Loralai *	000	0	0	29	02	99	00	0	324	46	0	0	9	0	0	34	34	—	—	0	—	5.6	9
Harnai *	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	0	34.7	14
Quetta *	000	0	2	00	00	97	01	0	555	39	0	0	9	0	1	04	22	—	—	0	0	62	9
Chaman *	000	0	0	09	03	98	00	0	550	55	0	0	9	0	0	10	41	— 5	— 5	0	0	6.3	8
Nushki *	000	0	0	09	13	98	00	0	596	58	0	0	9	0	0	31	51	—	—	0	—	3.8	—
Dalbandin *	000	0	0	05	02	98	02	0	531	44	0	0	9	0	0	11	37	— 6	— 9	0	0	2.7	4
Kalat *	000	0	0	18	02	98	00	0	564	30	0	0	9	0	0	18	29	— 3	— 5	0	0	12.9	7
Panjgur *	000	0	0	00	00	98	02	0	531	48	0	0	9	0	0	18	44	— 1	— 6	0	—	5.0	5
Kabul *																							12
Kandahar *																							

† Given in Code.

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

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

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

Whenever 999 has been or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Willemruys	63 103	614 00	5 08 14	98 0 21	084 81	58 4 00	23 6 12	...	05 1 73	10 8 22
Eucadie	61 218	627 00	0 04 09	98 0 20	165 79	00 9 00	15 4 02	...	05 2 61	10 4 22
British Resource	63 227	602 00	0 02 05	98 0 20	177 76	00 9 00	75 2 02	...	00 2 60	10 2 22
Eucadia	63 227	619 06	0 05 12	98 0 20	001 91	00 9 00	15 4 05	...	00 0 64	10 4 22
Daressa	63 215	696 06	0 06 12	98 0 20	164 82	03 9 00	75 2 01	..	00 1 73	...
Eucadia	63 238	653 12	0 05 09	98 0 20	160 82	00 9 00	15 4 00	...	00 1 63	10 5 22
Bay of Bengal										
Bharat Uitra	63 199	878 00	2 05 18	98 0 30	143 81	21 8 00	14 2 08	...		
President Cleveland	62 269	933 00	8 02 27	98 6 06	186 75	87 4 xx	16 2 13	...	05 2 71	10 2 33

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 218 175	...	...	160 162 065	...	314 065 502	439 015 992	583 582 998	753 698 995	961 842	...	...	...
Jiwani ...														
Karachi ...	00 00	016 152 082	153 225 105	...	157 138 018	...	316 045 998	440 522 995	581 628 998	748 748 998	951 788	221 025	...	...
Lahore ...	00 00	993 190 110	...	...	148 158 035	...	316 032 552	439 542 995	580 618 995	...	...	—	...	...
Multan ...														
Peshawar ...	00 00	976 128 008	...	...	149 152 508	...	315 835 622	441 022 995	586 558 995	758 638 995	972 722	...	...	...
Quetta ...	00 00	836 005 599	...	...	...	...	312 570 990	435 655 995	566 728 995	...	...	...	...	...

At Significant Levels

STATION	Time of ascent in G.M.T	$PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 185 122	800 142 098	666 038 512	...	...	...	...	...	...	666 038 512	...	...
Jiwani ...													
Karachi ...	00 00	900 195 062	800 100 xxx	350 820 xxx	250 940 xxx	...	...	...	...	...	250 940 xxx	...	...
Lahore ...	00 00	900 180 090	800 110 540	...	...	...	...	...	...	...	800 110 540	...	...
Multan ...													
Peshawar ...	00 00	900 162 225	895 155 018	800 135 545	750 122 588	...	...	...	...	...	750 122 588	...	...
Quetta ...	00 00	827 068 715	800 045 615	759 000 900	...	...	...	...	...	...	759 000 900	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	29 06	30 07	31 08	34 06	31 03	25 17	25 24	27 33	28 33
Chaklala ...	...	28 02	31 02	08 12	05 03	06 07	35 07	34 11	33 15
Chhor ...	03 13	02 12	02 12	07 10	04 08	33 09	31 15	28 12	28 14
Chittagong ...	33 08	34 06	35 05	25 04	20 04	19 07	22 07	30 08	31 11
Cox's Bazar ...	31 11	30 04	19 02	24 05	26 04	...	...	...	...
Dacca ...	30 06	31 07	31 07	26 09	25 07	21 13	24 15	...	...
Dalbandin ...	...	...	11 08	07 08	01 09	35 09	32 17	31 15	30 19
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	26 02	22 04	27 05	34 15	34 12	33 13
Jacobabad ...	26 04	27 03	28 03	32 02	03 01	33 01	32 15	32 15	23 13
Jessore ...	33 08	34 09	33 07	30 05	25 12	31 17	...	...	...
Jhelum ...	28 04	30 06	30 06	29 08	30 06	35 02	03 03	34 07	34 09
Jiwani ...	28 04	32 05	36 09	02 13	04 10	32 08	31 13	30 15	29 13
Karachi ...	31 01	07 07	05 10	05 18	34 07	32 13	33 07	31 08	29 12
Khanpur ...	...	...	...	...	...	...	...	...	...
Lahore ...	33 05	32 09	33 09	31 09	31 06	32 02	03 03	01 01	10 04
Multan ...	21 04	20 05	20 04	09 02	10 03	03 04	34 07	31 09	31 11
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 04	06 01	34 04	33 07	39 06	30 06
Peshawar ...	...	04 02	17 02	19 05	24 03	19 01	36 05	05 04	35 10
Quetta ...	...	...	...	...	19 02	24 04	31 11	32 15	35 18
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 05	25 04	28 03	29 05	25 10	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 06	36 07	36 09	36 03	24 11	22 22	...	...	...	...	...
Chaklala ...	...	17 03	33 03	08 03	33 04	08 08	32 05	30 00	30 08	29 15	...
Chhor ...	06 09	06 11	06 12	05 13	03 08	26 02	29 15	28 16	29 19	...	...
Chittagong ...	02 05	01 04	01 02	36 02	22 04	25 08	18 04	20 02	34 03	27 10	27 0
Cox's Bazar ...	34 04	34 02	34 02	07 01	14 02	11 04	08 04	08 03	28 15	...	...
Dacca ...	33 07	27 07	27 04	24 13	23 13	22 11	24 19	21 13	27 15	28 21	24 4
Dalbandin ...	...	...	08 05	06 04	34 08	33 11	33 14	31 15	32 15	31 24	30 3
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 10	01 15	36 11	08 05	04 06	05 15	05 2
Fort Sandeman ...	...	...	...	25 02	04 03	32 04	36 05	34 12	33 11	...	...
Jacobabad ...	16 01	20 01	23 01	03 03	11 03	29 10	28 10	28 15	28 15	27 19	27 2
Jessore ...	35 07	33 08	34 09	29 07	27 08	24 11	24 23	22 15	23 13	...	...
Jhelum ...	30 01	30 09	31 09	33 03	14 04	16 11	03 03	29 06	28 09	29 29	...
Jiwani ...	32 05	34 06	34 04	04 04	02 11	05 14	31 09	31 10	30 24	30 36	...
Karachi ...	08 08	07 10	06 08	03 12	06 15	28 09	27 08	25 16	28 27	30 29	...
Khanpur ...	15 04	16 02	16 01	04 06	04 07	02 04	29 01	29 17	27 18	...	...
Lahore ...	32 06	31 12	31 12	31 08	03 06	12 16	36 07	33 10	29 12	...	...
Multan ...	19 06	19 06	19 03	02 02	02 05	32 02	23 06	29 09	29 09	26 11	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 08	02 09	01 13	29 10	30 25	30 22	30 36	30
Peshawar ...	...	04 02	01 02	28 04	33 08	32 02	04 04	05 03	10 02	...	24
Quetta ...	...	...	...	...	06 01	15 06	20 05	21 03	21 03	25 02	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 06	13 06	13 05	27 07	21 09	24 16	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

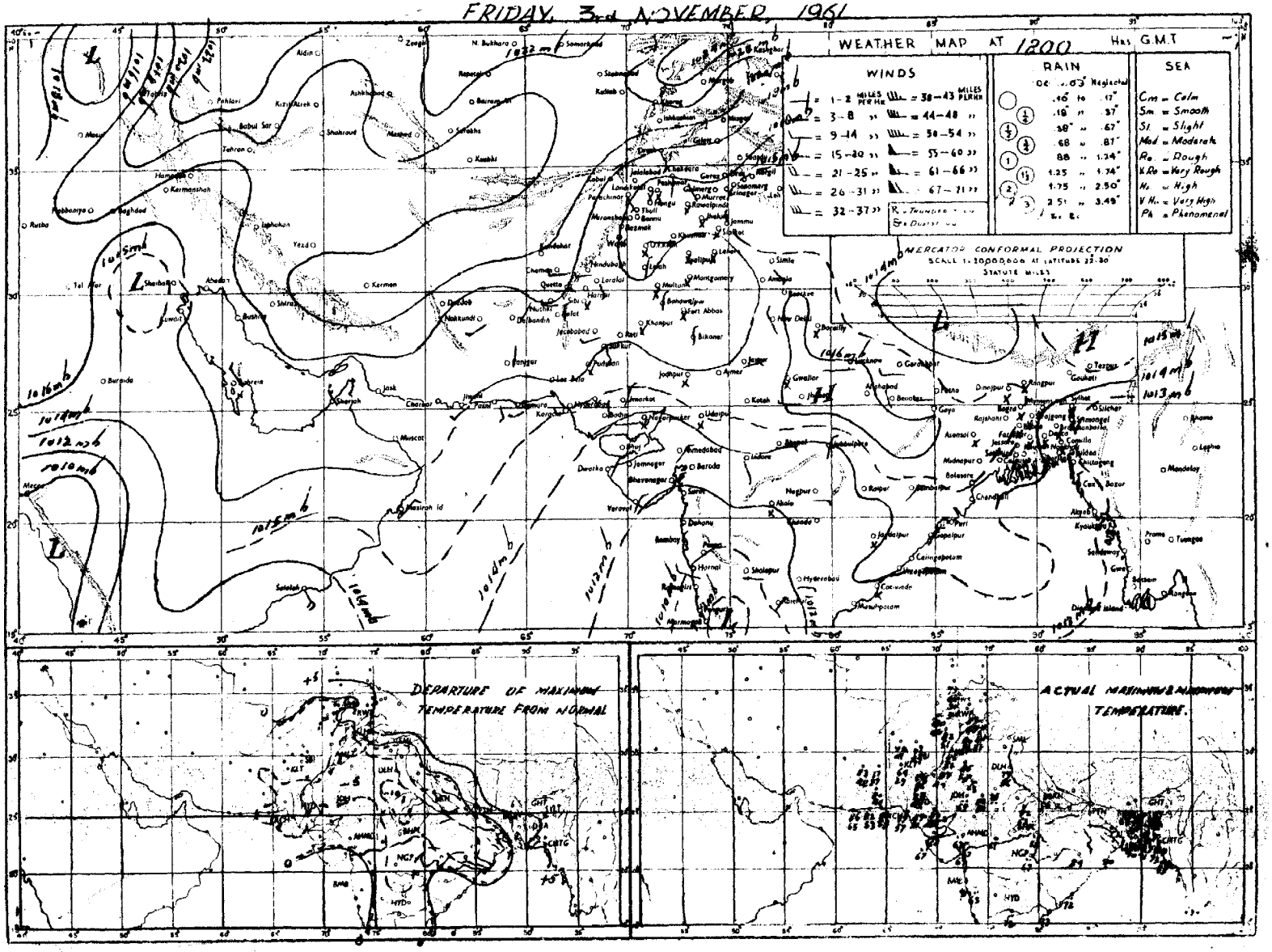
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 09	35 06	02 04	23 13	23 10	20 09	25 12	22 17	27 18	25 24	24 38	25 21	25 29	...	...	...	...	...
Karachi ...	03 11	04 08	06 08	05 10	04 14	25 08	28 11	26 16	29 20	30 34	29 43	27 49	27 86	27 70	...	...	...	...
Peshawar ...																...	...	
Quetta ...																		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

PAKISTAN DAILY WEATHER MAP

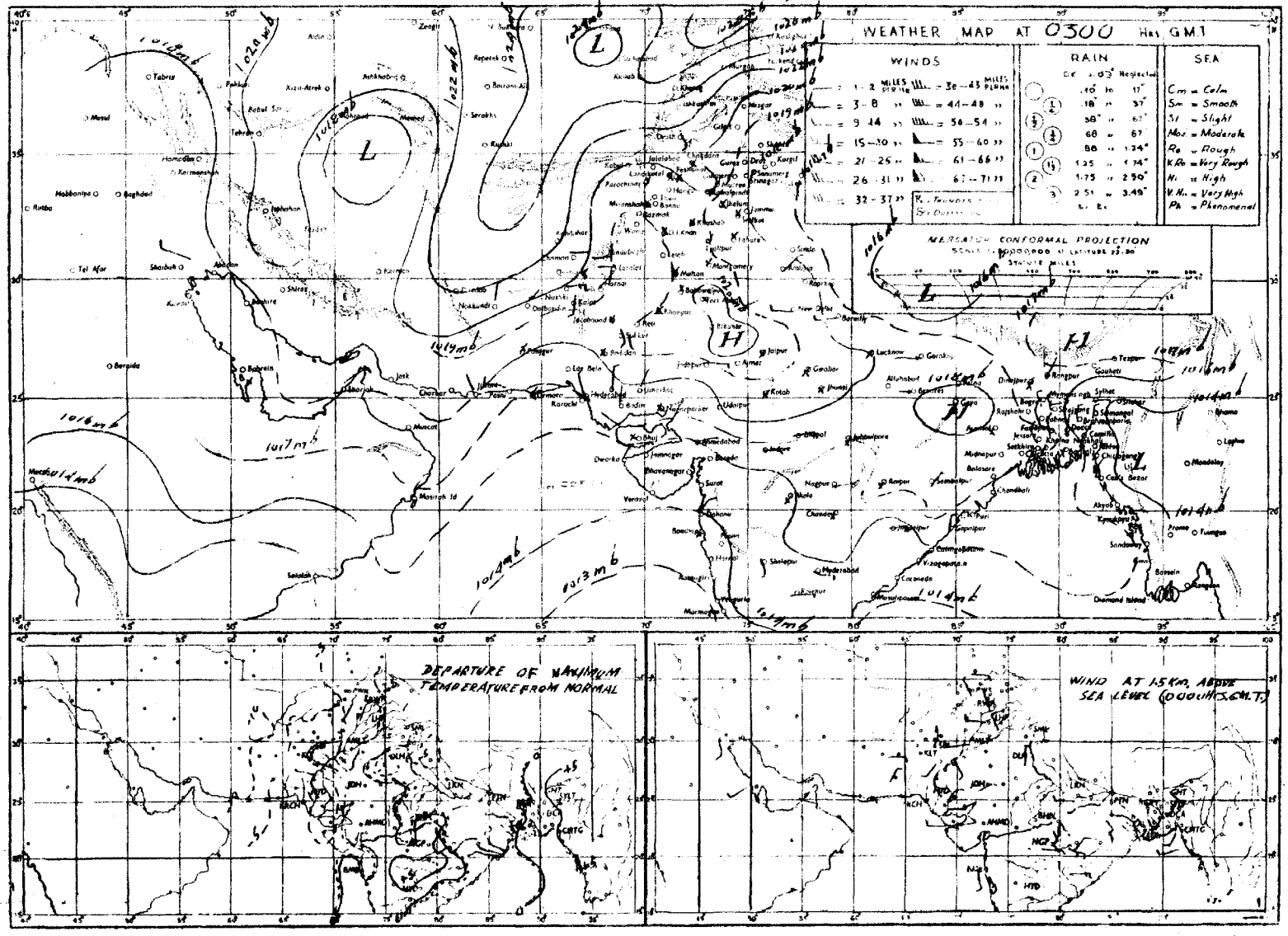
FRIDAY, 3rd NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 4th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 5th NOVEMBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave is moving away eastwards across Assam and adjoining Chittagong division.

Light rain/drizzle has been reported from Chittagong division.

A feeble westerly low pressure wave lies over Kashmir and adjoining Peshawar division.

Weather remained dry over West Pakistan.

Night temperatures were 4–8 °F below normal in West Pakistan outside Lahore, Rawalpindi, Peshawar, D. I. Khan, Karachi and Khairpur divisions.

Forecast valid until the evening of 6th November, 1961:—Light rain/drizzle may fall in Kashmir and Chittagong division. Weather will, otherwise remain dry in the country.

Karachi-11
The 5th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	36	02	xx	00	1	134	84	0	0	9	0	0	74	90
	Cox's Bazar	000	0	6	31	05	xx	03	1	118	82	2	4	5	3	0	75	89
	Chittagong	000	0	1	34	02	xx	01	1	122	81	0	0	9	0	2	74	89
	Maijdee Court	000	9	0	00	00	xx	00	0	123	80	0	0	9	0	0	71	85
	Comilla	000	0	0	00	00	96	02	0	117	81	0	0	9	0	0	72	88
	Brahmanbaria	000	0	4	00	00	xx	03	0	126	82	4	0	9	4	0	72	87
	Sylhet	000	0	3	00	00	xx	02	0	120	80	2	4	6	7	0	70	88
	Srimangal	000	5	9	31	03	xx	00	0	xxx	70	0	0	9	0	0	73	89
Dacca	Mymensingh	000	0	6	27	02	xx	02	2	119	81	6	4	4	0	0	71	87
	Narayanganj	000	9	4	00	00	xx	01	1	128	81	2	0	9	7	9	70	84
	Dacca (Tezgaon)	000	0	3	31	02	97	03	0	126	78	2	0	9	5	1	69	86
	Faridpur	000	0	2	00	00	95	05	0	125	78	0	0	9	0	8	69	84
Khulna	Barisal	000	0	2	00	00	97	02	0	124	80	2	1	6	0	0	69	87
	Khulna	000	0	0	00	00	xx	00	0	128	81	0	0	9	0	0	71	85
	Satkhira	000	0	6	00	00	96	03	1	124	80	4	4	6	3	0	74	86
	Jessore	000	0	2	36	03	97	01	1	130	80	2	0	9	6	0	64	86
Rajshahi	Pabna	000	0	5	00	00	xx	03	1	133	77	5	0	9	6	0	66	84
	Sirajganj	000	0	7	00	00	xx	02	2	123	78	7	0	9	4	0	71	89
	Bogra	000	0	8	27	02	96	02	2	129	79	3	5	6	2	x	69	87
	Dinajpur	000	0	4	00	00	xx	02	1	131	81	4	0	9	2	0	65	88
	Rangpur	000	0	3	00	00	96	03	0	136	78	3	0	9	3	0	72	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	148	77	0	0	9	0	0	50	80
	Sialkot	000	0	0	00	00	97	00	0	141	76	0	0	9	0	0	[illegible]	82
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	140	75	0	0	9	0	0	[illegible]	83
	Rawalpindi	000	0	0	00	00	99	00	0	151	69	0	0	9	0	0	[illegible]	78
	Campbellpur	000	0	0	00	00	98	00	0	127	80	0	0	9	0	0	[illegible]	81
Sargodha	Khushab	000	0	0	00	00	99	00	0	171	82	0	0	9	0	0	[illegible]	85
	Lyallpur	000	0	0	00	00	96	00	0	151	81	0	0	9	0	0	39	81
Multan	Montgomery	000	0	0	23	02	96	02	0	153	78	0	0	9	0	0	58	83
	Multan	000	0	1	00	00	98	02	0	150	82	0	0	9	0	1	45	86
	Leiah	000	0	0	18	03	97	00	0		73	0	0	9	0	0	26	81
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	150	82	0	0	9	0	0	50	87
	Bahawalpur	000	0	0	27	02	98	00	0	151	81	0	0	9	0	0	63	85
	Fort Abbas	000	0	0	02	02	98	00	0	158	82	0	0	9	0	0	55	82
Peshawar	Chakdara	000	0	0	00	00	97	00	0	138	70	0	0	9	0	0	41	71
	Peshawar	000	0	0	00	00	97	02	0	141	76	0	0	9	0	0	43	80
	Haripur	000	0	0	23	02	97	00	0	136	79	0	0	9	0	0	46	82
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	139	78	0	0	9	0	0	45	80
	D. I. Khan	000	0	0	00	00	98	00	0	153	80	0	0	9	0	0	60	82
Quetta	Sibi	000	6	0	18	02	98	02	0	151	83	0	0	9	0	0	38	87
Kalat	Nokkundi	000	0	0	11	03	98	02	0	144	81	0	0	9	0	0	55	84
	Turbat	000	0	0	07	02	98	00	0	138	90	0	0	9	0	0	28	94
	Jiwani	000	0	0	25	05	97	02	0	145	80	0	0	9	0	0	57	85
	Pasni	000	0	0	16	07	99	00	0	141	83	0	0	9	0	0	60	87
Karachi Division	Ormara	000	0	0	23	03	97	00	0	137	84	0	0	9	0	0	35	86
	Lasbela																	
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	0	0	23	03	97	02	0	138	83	0	0	9	0	0	47	89
Hyderabad	Nagarparkar	000	0	0	07	01	97	00	0	123	84	0	0	9	0	0	63	87
	Umerkot	000	0	0	02	01	98	02	0	129	85	0	0	9	0	0	49	88
	Hyderabad	000	0	0	05	02	97	02	0	138	85	0	0	9	0	0	41	89
	Badin	000	0	0	36	02	97	00	0	134	85	0	0	9	0	0	52	88
Khairpur	Padidan	000	0	0	00	00	97	02	0	151	87	0	0	9	0	0	39	84
	Nawabshah	000	0	0	00	00	97	02	0	158	85	0	0	9	0	0	38	86
	Sukkur	000	0	0	36	02	97	02	0	144	83	0	0	9	0	0	45	86
	Kashmore	000	0	0	00	00	99	00	0	144	86	0	0	9	0	0	41	86
	Jacobabad	000	0	0	00	00	97	02	0	151	82	0	0	9	0	0	50	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	533	52	0	0	9	0	0	34	58
Peshawar	Drosh *	000	0	0	09	05	97	02	0	526	63	0	0	9	0	0	15	72
	Cherat *	000	0	0	31	05	98	00	0	507	63	0	0	9	0	0	32	71
	Kakul *	000	0	0	18	03	99	00	0	531	64	0	0	9	0	0	37	72
	Landikotal *	000	0	0	00	00	99	00	0	524	69	0	0	9	0	0	33	72
	Parachinar *	000	0	0	13	01	99	00	0	545	63	0	0	9	0	0	16	68
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	525	72	0	0	9	0	0	32	76
	Wana *	000	0	0	00	00	99	00	0	517	68	0	0	9	0	0	27	72
Quetta	Fort Sandeman *	000	0	2	00	00	99	01	0	540	70	0	0	9	0	4	18	74
	Hindubagh *	000	0	0	27	03	97	00	0	506	67	0	0	9	0	0	26	67
	Loralai *	000	0	4	18	02	99	01	1	348	64	2	0	9	1	1	54	70
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	4	27	02	96	02	1	511	60	4	1	5	0	0	23	66
	Chaman *	000	0	3	27	05	98	01	0	536	66	1	0	9	4	0	11	68
	Nushki *	000	9	2	31	05	98	03	0	583	71	2	0	9	6	0	38	74
	Dalbandin *	000	7	1	13	05	98	03	0	547	75	0	0	9	0	1	15	77
Kalat	Kalat *	000	0	0	31	03	98	00	0	502	59	0	0	9	0	0	25	64
	Panjgur *	000	0	0	36	09	98	02	0	539	75	0	0	9	0	0	31	80
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	2	6	36	05	98	02	4	158	81	2	1	6	7	0	75	75
	Cox's Bazar	001	2	7	13	02	97	02	6	142	75	4	8	5	3	0	69	73
	Chittagong	000	0	5	36	02	96	02	1	145	78	5	0	8	2	0	73	73
	Maijdee Court	000	9	2	34	02	98	02	0	151	77	2	0	9	3	0	69	70
	Comilla	000	0	0	00	00	97	02	0	137	78	0	0	9	0	0	71	70
	Brahmanbaria	000	0	2	36	01	97	01	1	149	79	2	0	9	4	0	71	70
	Sylhet	000	0	6	09	05	96	02	2	147	79	3	7	3	5	0	74	72
	Srimangal	000	3	6	00	00	95	03	1	xxx	82	0	0	9	0	2	75	67
Dacca	Mymensingh	000	0	6	27	02	97	02	2	156	76	6	4	4	0	0	73	69
	Narayanganj	000	9	6	00	00	96	03	1	155	80	2	5	5	7	0	66	70
	Dacca (Tezgaon)	000	0	6	00	00	97	01	2	146	76	6	0	9	8	0	66	68
	Faridpur	000	0	8	34	02	96	02	2	152	73	5	5	6	1	x	64	68
Khulna	Barisal	000	0	3	00	00	97	02	0	159	79	3	0	9	4	0	64	70
	Khulna	000	0	5	00	00	97	03	1	159	79	5	5	6	0	0	62	69
	Satkhira	000	0	6	00	00	97	03	1	160	72	4	4	6	3	0	62	66
	Jessore	000	0	7	27	02	96	03	1	155	70	7	5	5	0	0	65	66
Rajshahi	Pabna	000	0	8	31	02	97	03	2	156	70	6	0	9	9	x	66	68
	Sirajganj	000	0	7	00	00	97	02	2	151	72	7	0	9	2	0	66	67
	Bogra	000	0	7	00	00	96	03	2	150	72	5	6	4	8	0	71	68
	Dinajpur	000	9	6	00	00	96	02	2	145	72	6	4	7	0	0	66	68
	Rangpur	000	0	8	00	00	96	03	2	150	74	8	6	6	x	x	70	65
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	168	57	0	0	9	0	0	49	49
	Sialkot	000	0	0	00	00	97	00	0	163	68	0	0	9	0	0	54	55
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	172	68	0	0	9	0	0	48	47
	Rawalpindi	000	0	0	00	00	96	10	0	183	62	0	0	9	0	0	46	46
	Campbellpur	000	0	0	00	00	98	00	0	169	55	0	0	9	0	0	40	43
Sargodha	Khushab	000	0	0	00	00	99	00	0	165	56	0	0	9	0	0	43	47
	Lyallpur	000	0	0	00	00	96	00	0	171	59	0	0	9	0	0	49	51
Multan	Montgomery	000	0	0	00	00	96	05	0	169	58	0	0	9	0	0	50	49
	Multan	000	0	0	00	00	97	02	0	164	64	0	0	9	0	0	41	55
	Leiah	000	0	0	28	01	97	00	0	162	62	0	0	9	0	0	35	48
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	160	64	0	0	9	0	0	43	47
	Bahawalpur	000	0	0	00	00	98	00	0	153	69	0	0	9	0	0	57	50
	Fort Abbas	000	0	0	00	00	98	00	0	163	62	0	0	9	0	0	46	50
Peshawar	Chakdara	000	0	0	00	00	97	00	0	189	49	0	0	9	0	0	38	44
	Peshawar	000	0	0	00	00	97	02	0	173	52	0	0	9	0	0	41	49
	Haripur	000	0	0	18	02	97	00	0	194	58	0	0	9	0	0	39	49
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	172	51	0	0	9	0	0	39	48
	D. I. Khan	000	0	0	00	00	98	00	0	169	57	0	0	9	0	0	52	50
Quetta	Sibi	000	2	0	00	00	95	05	4	170	57	0	0	9	0	0	42	55
Kalat	Nokkundi	000	0	0	36	03	98	02	0	202	51	0	0	9	0	0	22	47
	Turbat	000	0	0	00	00	97	00	0	164	64	0	0	9	0	0	32	xx
	Jiwani	000	0	0	31	02	97	02	0	160	67	0	0	9	0	0	65	65
	Pasni	000	0	0	29	02	97	00	0	157	62	0	0	9	0	0	59	58
Karachi Division	Ormara	000	0	0	00	00	96	00	0	158	64	0	0	9	0	0	59	58
	Lasbela																	
	Karachi (Manora)	000	0	0	05	09	96	02	0	164	72	0	0	9	0	0	62	69
	Karachi (Airport)	000	0	0	36	02	96	02	0	161	65	0	0	9	0	0	45	54
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	135	71	0	0	9	0	0	50	xx
	Umerkot	000	0	0	02	01	97	02	0	147	61	0	0	9	0	0	42	55
	Hyderabad	000	0	0	00	00	97	02	0	158	65	0	0	9	0	0	43	61
	Badin	000	0	0	36	02	97	00	0	159	64	0	0	9	0	0	44	54
Khairpur	Padidan	000	0	0	00	00	97	02	0	162	55	0	0	9	0	0	50	47
	Nawabshah	000	0	0	00	00	97	02	0	165	54	0	0	9	0	0	46	50
	Sukkur	000	0	0	16	03	96	02	0	162	65	0	0	9	0	0	50	60
	Kashmore	000	0	0	00	00	99	00	0	191	62	0	0	9	0	0	49	52
	Jacobabad	000	0	0	00	00	97	02	0	165	62	0	0	9	0	0	47	54
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	527	49	0	0	9	0	0	17	42
Peshawar	Drosh *	000	0	0	09	03	97	02	0	537	46	0	0	9	0	0	25	45
	Cherat *	000	0	0	05	09	98	00	0	487	39	0	0	9	0	0	23	50
	Kakul *	000	0	0	00	00	99	00	0	529	55	0	0	9	0	0	32	49
	Landikotal *	000	0	0	00	00	99	00	0	508	51	0	0	9	0	0	35	41
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	510	50	0	0	9	0	0	24	48
	Wana *	000	0	0	00	00	99	00	0	517	49	0	0	9	0	0	18	35
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	541	47	0	0	9	0	0	16	41
	Hindubagh *	000	0	0	27	02	97	00	0	537	42	0	0	9	0	0	12	26
	Loralai *	000	0	0	23	03	99	00	0	343	46	0	0	9	0	0	32	36
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	97	00	0	537	42	0	0	9	0	0	06	24
	Chaman *	000	0	0	09	05	98	00	0	430	49	0	0	9	0	0	06	41
	Nushki *	000	0	0	00	00	98	02	0	586	58	0	0	9	0	0	38	53
	Dalbandin *	000	9	0	05	03	98	02	0	522	47	0	0	9	0	0	37	39
Kalat	Kalat *	000	0	0	16	02	98	00	0	541	29	0	0	9	0	0	29	26
	Panjgur *	000	0	0	05	05	98	02	0	515	48	0	0	9	0	0	20	44
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0	—	122.4	—
	Cox's Bazar	+ 3	+ 2	0	— 1.4	184.5	140
	Chittagong	+ 4	+ 3	0	— 0.9	170.6	108
	Maijdee Court	+ 1	+ 1	0	— 0.7	124.5	115
	Comilla	+ 3	+ 2	0	— 0.5	76.9	94
	Brahmanbaria	—	—	0	— 0.2	65.4	78
	Sylhet	—	—	0	—	—	—
	Srimangal	— 1	+ 4	0	— 0.6	51.1	98
Dacca	Mymensingh	+ 3	+ 1	0	— 0.4	61.8	91
	Narayanganj	— 1	0	0	— 0.5	62.5	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	+ 1	1	0	— 0.5	87.9	71
Khulna	Barisal	+ 3	+ 1	0	— 0.6	76.5	81
	Khulna	+ 1	+ 1	0	— 0.4	56.5	68
	Satkhira	1	0	0	— 0.3	62.2	65
	Jessore	—	—	0	— 0.5	55.6	65
Rajshahi	Pabna	—	—	0	—	41.5	59
	Sirajganj	+ 6	0	0.2	— 0.1	49.5	64
	Bogra	+ 3	+ 2	0.1	— 0.3	53.4	69
	Dinajpur	+ 4	3	0	0	51.7	72
	Rangpur	+ 1	0	0	— 0.1	60.1	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 8	— 2	0	0	51.1	19
	Sialkot	— 4	+ 1	0	0	35.0	32
Rawalpindi	Jhelum	—	—	0	—	34.8	—
	Rawalpindi	— 4	— 2	0	0	52.5	36
	Campbellpur	—	—	0	—	11.8	—
Sargodha	Khushab	— 2	— 7	0	0	11.1	15
	Lyallpur	— 5	— 1	0	0	13.9	12
Multan	Montgomery	— 6	— 6	0	0	10.1	10
	Multan	— 2	— 1	0	0	7.6	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 4	— 8	0	0	12.6	6
	Bahawalpur	— 6	— 4	0	0	4.9	6
	Fort Abbas	—	—	0	—	3.1	6
Peshawar	Chakdara	—	—	0	—	25.3	—
	Peshawar	— 1	— 4	0	0	18.1	11
	Haripur	—	—	0	—	28.6	—
D. I. Khan	Bannu	—	—	0	—	13.9	11
	D. I. Khan	— 3	— 2	0	0	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	0	—	11.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	— 1	— 7	0	0	5.4	6
Karachi Division	Ormara	—	—	0	0	9.9	6
	Lasbela						8
	Karachi (Manora)		— 1	0	— 0.0	9.8	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	37.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	— 4	— 2	0	0	12.9	7
	Badin	— 6	— 9	0	0	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	— 5	— 2	0	0	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						2
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	— 2	— 2	0.1	0	69.3	59
Peshawar	Drosh *	+ 3	— 1	0	—	23.0	18
	Cherat *	+ 1	— 2	0.5	+ 0.4	33.9	29
	Kakul *	—	—	0	—	36.3	—
	Landikotal *	—	—	0.1	—	13.2	—
	Parachinar *	—					29
D. I. Khan	Miranshah *	—	—	0	0	7.7	13
	Wana *	—	—	0	—	11.3	11
Quetta	Fort Sandeman *	— 2	— 4	0	0	11.2	11
	Hindubagh *	—	—	0	—	5.8	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0	0	34.7	14
	Quetta *	—	—	0	—	6.2	9
	Chaman *	— 5	— 5	0	0	6.3	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	— 6	— 7	0	0	2.7	4
Kalat	Kalat *	— 3	— 8	0	0	12.9	7
	Panjgur *	— 1	— 6	0	—	5.0	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 5th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
William Ruys	73 089	698 00	8 11 13	98 0 23	081 68	36 4 1x	27 5 00		04 2 75	11 1 22
Timor	73 141	615 00	7 07 02	xx x xx	040 79	45 4 13		...		...
British Resource	73 264	560 00	0 27 05	98 0 03	160 77	00 9 03	65 7 05		05 4 61	10 0 00
Barendrecht	73 209	699 06	0 05 02	98 0 23	181 79	00 9 03		...	05 1 60	10 5 20
British Resource	73 264	544 06	4 05 05	99 0 33	185 81	00 9 03	65 2 05	...	05 2 62	...
Jalreera	73 071	687 12	5 17 09	97 0 12	xxx xx	42 2 53		...		
British Resource	73 267	539 12	1 00 00	99 0 11	156 84	00 9 03	75 7 45	...	00 1 40	10 0 00
Caltex Edinburgh	73 150	513 18	2 08 13	99 0 23	147 90	23 4 03	55 2 20	...	05 2 73	10 8 03
Bay of Bengal										
Dacca City	73 111	846 00	2 05 13	98 0 20	109 85	00 9 02		...		
South Bank	72 038	918 12	5 19 02	97 1 51	093 79	32 3 39	55 2 06	...	05 4 74	14 9 20
Servenioghje	72 059	905 12	4 08 05	98 0 21	092 80	22 4 31	66 4 00	...	05 2 70	10 8 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PPPTTTTdTdTd)	1000 mb	900 mb	850 mb	800 mb (HHHTTTTdTdTd)	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 222 185	109 242 159	...	150 175 522	..	313 078 028	439 000 999	583 572 999	752 670 999	964 795	...	...	...
Jiwani ...														
Karachi ...	00 00	012 152 075	112 208 999	...	148 152 999	...	311 065 999	436 522 999	579 612 999	746 722 999	951 872	220 050	...	...
Lahore ...	00 00	010 186 085	130 xxxxxx	...	149 172 525	...	316 100 670	442 035 999	588 542 999	755 648 999	968 742	257 825	462 852	...
Multan ...														
Peshawar ...	00 00	973 142 052	...	...	150 152 032	...	314 092 562	439 545 692	579 635 999	745 745 999	948 885	217 035	400 035	...
Quetta ...	00 00	835 505 592	...	...	...		307 605 999	425 720 999	557 850 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels (PPPTTTTdTdTd)									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	970 228 168	900 202 052	600 135 068	350 730 xxx	...	...	...	...	...	350 730 xxx	...	...
Jiwani ...													
Karachi ...	00 00	900 180 xxx	800 120 xxx	350 790 xxx	257 960 xxx	...	...	...	—	...	250 960 xxx	...	...
Lahore ...	00 00	900 205 022	800 152 598	350 710 xxx	250 780 xxx	...	...	...	...	...	250 760 xxx	...	...
Multan ...													
Peshawar ...	00 00	930 182 075	900 175 065	800 112 572	350 810 xxx	250 960 xxx	...	...	...	...	250 960 xxx	...	...
Quetta ...	00 00	800 515 535	755 550 xxx	010 100 xxx	...	—	...	...	...	...	010 100 xxx	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	29 09	30 09	33 08	32 09	26 14	23 23	...	...	...
Chaklala ...	...	27 06	33 03	05 11	14 02	09 09	02 05	02 07	02 08
Chhor ...	01 08	01 07	03 07	06 07	36 08	30 12	26 14	25 12	28 25
Chittagong ...	33 19	35 15	36 09	31 04	25 06	26 07	...	...	...
Cox's Bazar ...	36 11	36 08	01 04	32 05	22 04	...	...	...	...
Dacca ...	31 10	32 10	33 10	33 09	24 11	32 15	...	...	...
Dalbandin ...	...	...	12 05	08 08	36 17	30 11	30 14	32 11	31 16
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	08 06	10 05	12 05	13 11	44 11
Fort Sandeman ...	...	...	...	05 01	29 01	32 04	35 09	34 13	33 16
Jacobabad ...	02 02	10 02	11 02	02 02	04 02	01 02	29 13	30 15	30 11
Jessore ...	34 10	34 13	33 13	33 08	26 08	22 13	26 08	...	...
Jhelum ...	29 04	30 05	30 06	30 06	30 03	15 07	04 04	25 02	32 12
Jiwani ...	27 11	31 07	31 07	31 13	34 11	05 07	31 15	31 02	32 27
Karachi ...	03 08	03 10	02 09	01 07	02 12	32 16	31 16	30 23	29 29
Khanpur ...	05 01	05 01	05 02	03 05	04 07	34 11	29 08	29 10	27 09
Lahore ...	33 06	31 09	31 09	31 09	30 06	05 04	08 12	01 06	36 08
Multan ...	19 01	19 01	21 01	32 03	35 07	35 08	33 09	21 10	28 11
Murree ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 06	04 03	01 09	32 14	31 24	31 29
Peshawar ...	...	12 02	28 02	29 03	28 04	04 06	35 10	02 12	05 15
Quetta ...	...	...	...	...	27 05	17 03	09 10	07 10	..
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 05	28 06	27 04	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 07	31 11	31 12	31 14	27 08	21 16	...	...	...	...	...
Chaklala ...	...	14 03	04 03	33 05	30 06	03 07	05 10	04 17	03 21	...	...
Chhor ...	06 20	06 10	06 10	05 14	05 07	31 08	25 17	28 37	...	...	...
Chittagong ...							...	...	...	...	...
Cox's Bazar ...	14 05	12 05	16 05	15 06	18 08	17 07	...	...	...	...	...
Dacca ...	30 10	28 09	26 07	25 04	26 10	23 12	...	...	...	...	...
Dalbandin ...	...	...	08 06	06 08	35 08	33 12	33 23	33 40	32 50	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 07	36 11	02 06	01 05	36 06	03 16	...
Fort Sandeman ...	...	...	...	23 02	05 05	32 07	03 17	02 15	02 17	...	...
Jacobabad ...	28 01	26 02	26 02	26 01	08 08	34 04	30 14	30 13	30 10	30 35	29 35
Jessore ...	31 07	31 11	31 12	31 14	27 08	24 16	...	...	...	...	...
Jhelum ...	31 01	30 06	30 06	30 07	32 06	12 04	06 06	04 12	04 17	01 19	...
Jiwani ...	27 06	29 06	32 05	05 06	05 19	03 10	32 14	30 15	30 19	30 27	...
Karachi ...	06 08	06 10	06 07	01 07	36 14	05 12	31 06	31 24	31 33	30 41	...
Khanpur ...	18 04	25 05	25 07	25 08	03 08	02 10	35 15	33 17	31 18	...	...
Lahore ...	29 03	32 07	31 07	32 07	32 03	11 10	13 03	07 02	35 01	04 10	01 13
Multan ...	17 05	20 06	21 05	10 01	35 04	35 13	35 12	34 16	35 13	...	...
Murree ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 03	35 09	35 18	35 14	31 27	31 25	31 34	...
Peshawar ...	...	03 03	01 02	27 07	28 06	30 05	03 15	03 18	05 24	...	...
Quetta ...	...	...	...	...	01 02	14 03	04 07	01 15	35 47	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 05	08 03	16 02	25 04	24 04	14 06	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 40	32 09	24 04	26 06	16 11	23 15	21 13	21 13	21 12	22 26	24 41		...	...	...	...	...	..
Karachi ...	04 09	02 12	03 12	03 13	02 14	02 15	32 15	29 23	30 35	33 60	31 72	27 69	...	...	...	...	...	
Peshawar ...	...	27 12	04 21	31 12	28 11	26 12	24 19	27 24	29 23	29 28	29 41	29 54	29 69	30 74	30 64	...	..	...
Quetta ...																		

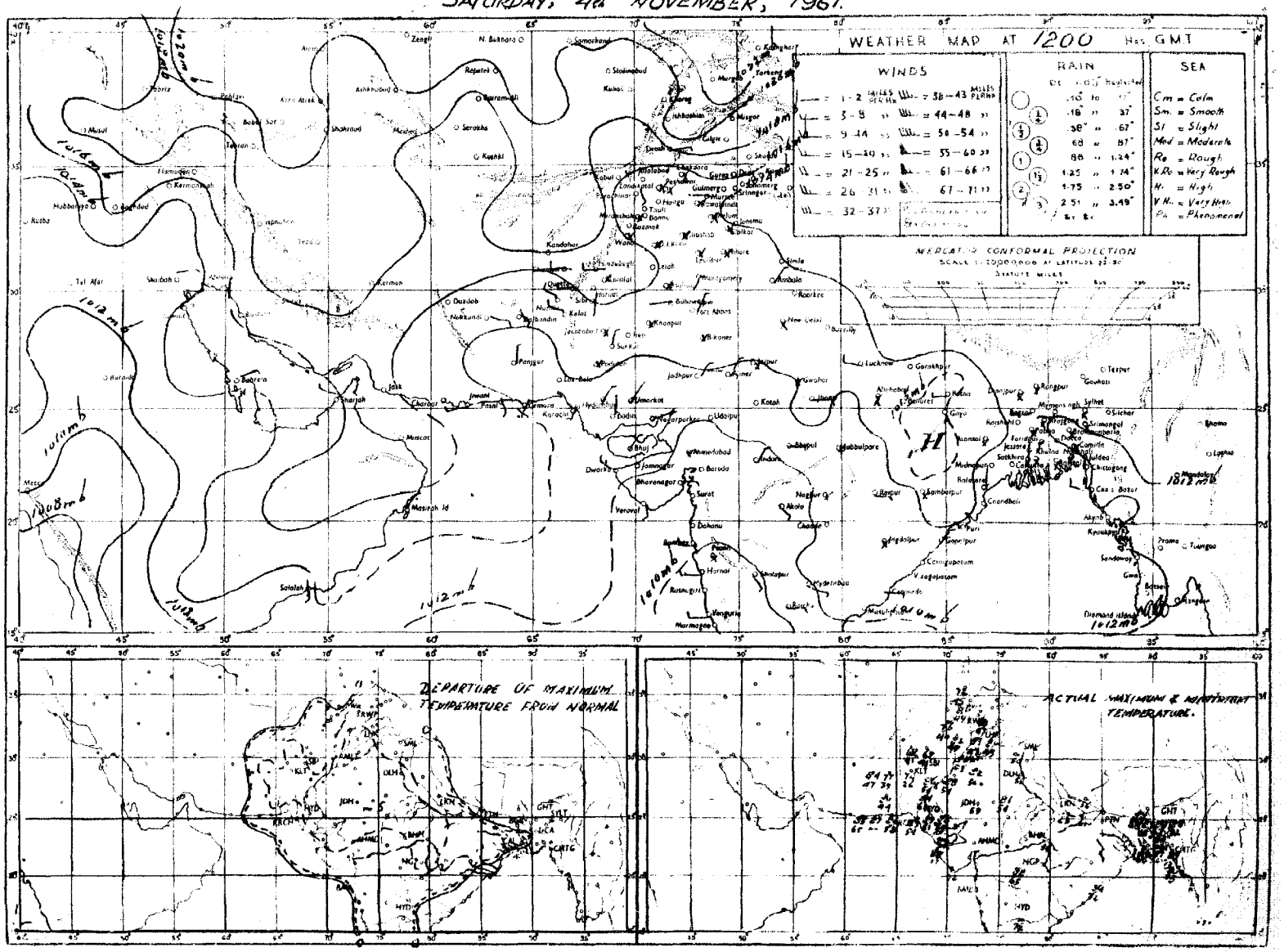
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGIii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Force, KARACHI-14.

PAKISTAN DAILY WEATHER MAP

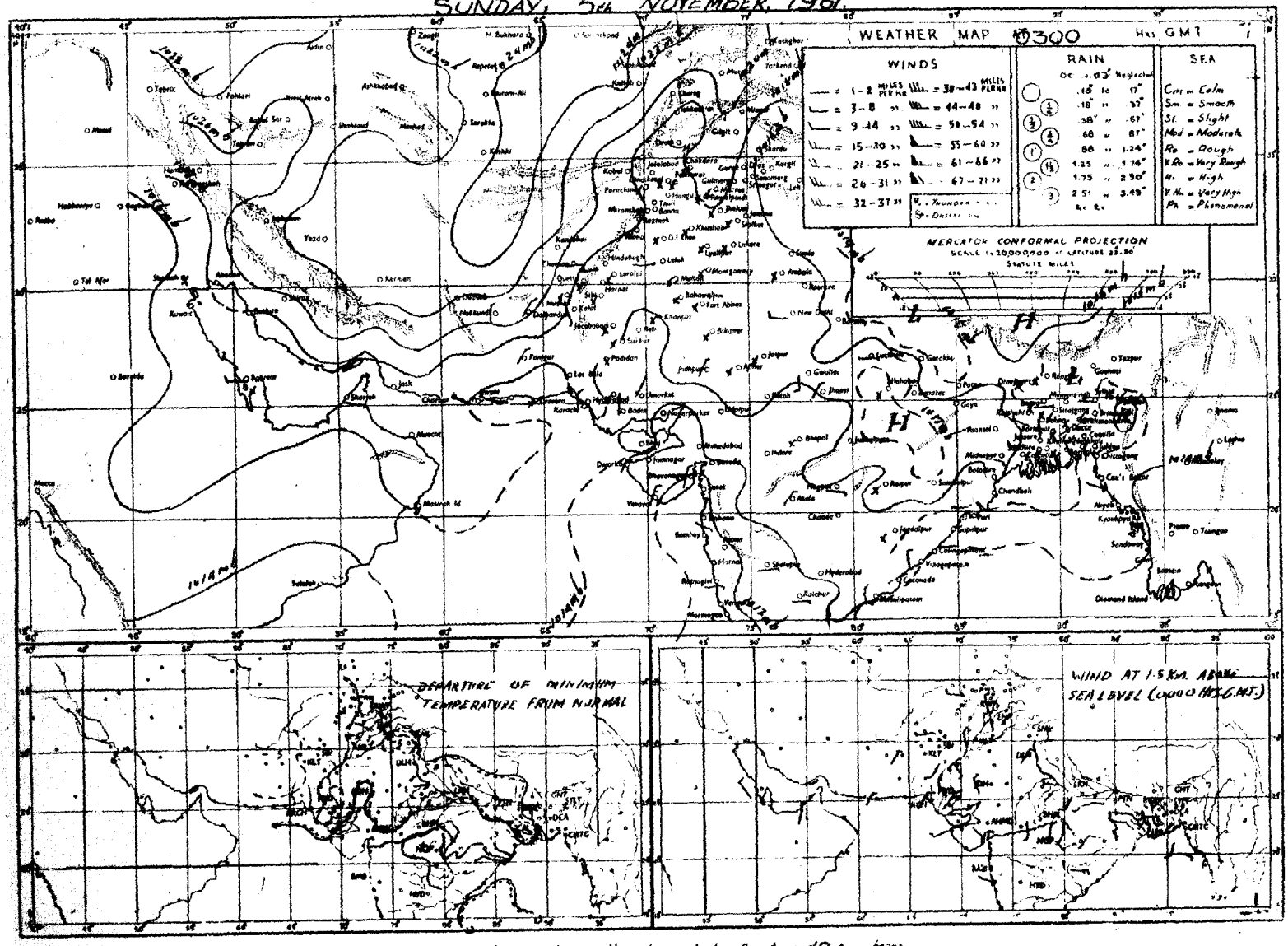
SATURDAY, 4th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 5th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 6th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Kashmir and Peshawar division moved away eastwards. Another lies over Afghanistan and adjoining Peshawar division. Weather remained dry over West Pakistan.

A westerly low pressure wave is moving across sub-Himalyan west Bengal.

Scattered thunderstorm/showers have been reported from Chittagong division and scattered light rain from Rajshahi division. Srimangal recorded ¼" of rainfall.

Night temperatures were 3–8 °F below normal in Kalat, Quetta, D. I. Khan, Sargodha divisions and southren districts of Hyderabad division.

Forecast valid until the evening of 7th November, 1961:—Thunderstorm/showers will be local in East Pakistan and scattered in Peshawar division and Kashmir. Weather will remain dry elsewhere in the country.

Karachi-11
The 6th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wc	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	005	2	9	36	09	xx	00	6	127	77	9	x	0	x	x	73	88	005	0	7	36	02	97	02	2	160	75	5	7	4	2	x	73	72	—	—	0.1	—	122.4	—
	Cox's Bazar	000	4	6	05	02	xx	03	9	108	81	3	5	5	3	0	74	87	000	9	7	05	02	97	02	9	144	77	5	5	5	7	0	69	70	+ 1	0	0	— 1.7	184.5	140
	Chittagong	000	0	6	31	03	xx	03	2	113	81	6	0	8	5	9	72	87	000	0	7	00	00	97	02	2	152	73	2	5	3	7	x	71	71	+ 2	+ 3	0	— 1.0	170.6	108
	Maijdee Court	050	9	6	27	09	xx	03	0	118	76	4	2	5	3	0	67	85	000	9	8	00	00	96	03	2	152	73	2	5	5	2	x	70	69	+ 1	+ 1	0	— 0.8	124.5	115
	Comilla	000	0	0	36	09	xx	03	2	112	77	8	4	4	x	x	71	xx	000	0	8	36	05	96	03	2	144	74	8	4	4	x	x	69	69	x	+ 2	0	— 0.5	76.9	94
	Brahmanbaria	000	0	6	34	03	xx	03	1	126	76	6	0	9	4	0	67	83	000	0	8	36	02	97	03	2	155	74	8	0	9	2	x	69	70	—	—	0	0	65.4	78
	Sylhet	007	3	8	13	02	xx	09	9	113	75	6	5	5	2	x	70	84	007	0	7	00	00	96	02	2	156	73	2	5	6	2	0	69	68	—	—	0.1	—	—	—
	Srimangal	023	3	x	09	07	xx	03	6	xxx	70	x	x	9	x	x	68	xx	023	3	8	09	03	95	02	2	xxx	74	8	7	4	x	x	69	67	x	+ 5	0.2	— 0.5	51.4	98
Dacca	Mymensingh	000	0	8	17	02	xx	02	1	125	73	8	7	4	x	x	68	82	000	0	6	00	00	97	02	2	158	73	6	4	5	0	0	70	70	— 2	+ 3	0	— 0.4	61.8	91
	Narayanganj	000	9	7	34	04	xx	02	1	125	73	8	5	4	x	x	68	86	000	9	8	00	00	96	02	2	156	72	8	7	4	x	x	69	70	+ 1	+ 1	0	— 0.6	62.5	74
	Dacca (Tezgaon)	000	9	7	31	07	97	02	2	120	71	7	0	9	7	0	63	83	000	0	7	36	02	96	01	2	151	71	1	5	4	1	0	69	66	—	—	0	—	81.2	—
	Faridpur	000	0	8	34	02	95	02	2	136	71	6	4	6	1	0	59	79	000	0	7	00	00	95	02	2	145	72	0	0	9	0	6	72	66	— 4	— 1	0	— 0.5	87.9	71
Khulna	Barisal	000	0	3	05	01	97	02	1	135	78	3	0	9	4	0	62	84	000	3	8	36	02	97	03	5	158	73	8	7	6	x	x	68	68	0	0	0	— 0.7	76.5	81
	Khulna	000	0	7	00	00	xx	02	2	126	74	7	5	6	0	0	61	85	000	0	6	00	00	96	02	2	155	71	6	5	6	0	0	63	68	+ 1	+ 2	0	— 0.4	56.5	68
	Satkhira	000	0	7	00	00	96	02	2	146	73	4	4	6	3	0	61	81	000	0	8	00	00	96	02	2	165	68	6	7	4	3	0	64	66	— 6	+ 1	0	— 0.3	62.2	65
	Jessore	000	0	7	36	13	96	03	2	119	75	7	8	5	0	0	67	81	000	0	7	27	02	96	03	2	159	70	6	7	1	6	0	63	65	—	— 2	0	— 0.5	55.6	67
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	9	4	31	05	99	01	6	159	72	4	0	9	3	0	65	66		—	0.1	—	41.5	59
	Sirajganj	009	3	8	31	02	xx	02	5	120	69	8	7	5	0	0	xx	77	009	x	2	00	00	98	01	1	153	75	2	0	9	4	0	70	66	— 6	+ 1	0.3	0	49.6	64
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	007	9	7	27	03	96	03	6	157	72	2	5	6	6	0	66	66		+ 1	0.1	— 0.3	53.5	69
	Dinajpur	000	8	7	02	00	xx	02	2	116	73	4	5	6	2	x	67	78	000	3	3	00	00	96	01	1	152	74	8	5	6	x	x	67	68	— 6	+ 5	0	0	51.7	72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	36	02	96	03	1	155	74	2	5	6	2	0	70	68		+ 5	0	— 0.2	60.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	133	77	0	0	9	0	0	55	81	000	0	0	00	00	94	05	0	164	59	0	0	9	0	0	50	49	— 7	0	0	0	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	126	75	0	0	9	0	0	56	80	000	0	0	00	00	97	00	0	163	63	0	0	9	0	0	56	53	— 6	+ 1	0	0	35.0	32
Rawalpindi	Jhelum	000	0	0	18	02	97	01	0	122	77	0	0	9	0	0	54	83	000	0	0	00	00	96	02	0	166	56	0	0	9	0	0	48	48	—	—	0	—	34.8	—
	Rawalpindi	000	0	0	27	02	98	00	0	130	71	0	0	9	0	0	41	78	000	0	0	00	00	96	10	0	177	51	0	0	9	0	0	43	46	— 4	0	0	0	52.5	36
	Campbellpur	000	0	0	00	00	98	00	0	110	79	0	0	9	0	0	39	81	000	0	0	00	00	98	00	0	174	51	0	0	9	0	0	40	42	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	133	82	0	0	9	0	0	41	85	000	0	0	00	00	99	00	0	168	52	0	0	9	0	0	42	45	— 2	— 8	0	0	11.1	15
	Lyallpur	000	0	0	00	00	96	00	0	126	82	0	0	9	0	0	34	82	000	0	0	00	00	95	05	4	157	60	0	0	9	0	0	48	49	— 4	— 1	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	132	79	0	0	9	0	0	56	85	000	0	0	00	00	95	05	0	113	56	0	0	9	0	0	52	48	— 4	— 5	0	0	10.1	10
	Multan	000	0	0	00	00	98	02	0	120	80	0	0	9	0	0	41	85	000	0	0	00	00	98	02	0	160	66	0	0	9	0	0	35	55	— 3	+ 2	0	0	7.6	7
	Leiah	000	0	0	23	03	97	00	0	129	82	0	0	9	0	0	44	82	000	0	0	18	03	97	00	0	164	61	0	0	9	0	0	33	48	—	—	0	—	10.4	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	125	83	0	0	9	0	0	51	86	000	0	0	00	00	96	02	0	154	59	0	0	9	0	0	45	51	— 5	— 2	0	0	12.6	6
	Bahawalpur	000	0	0	31	02	98	00	0	156	81	0	0	9	0	0	55	84	000	0	0	00	00	98	00	0	151	66	0	0	9	0	0	54	52	— 7	0	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	142	77	0	0	9	0	0	57	84	000	0	0	00	00	98	00	0	166	66	0	0	9	0	0	44	49	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	111	70	0	0	9	0	0	44	77	000	0	0	00	00	97	00	0	180	50	0	0	9	0	0	35	44	—	—	0	—	25.3	—
	Peshawar	000	0	0	00	00	97	02	0	126	73	0	0	9	0	0	45	78	000	0	1	00	00	98	03	0	170	53	0	0	9	0	1	42	51	— 3	0	0	0	18.1	11
	Haripur	000	0	0	23	02	97	00	0	154	78	0	0	9	0	0	65	80	000	0	0	23	03	97	00	0	158	58	0	0	9	0	0	42	48	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	117	78	0	0	9	0	0	64	79	000	0	0	00	00	99	00	0	164	55	0	0	9	0	0	37	50	—	—	0	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	124	80	0	0	9	0	0	60	84	000	0	0	00	00	98	00	0	164	57	0	0	9	0	0	52	48	— 1	— 3	0	0	7.7	9
Quetta	Sibi	000	6	0	23	02	98	00	0	126	82	0	0	9	0	0	33	83	000	2	0	00	00	94	05	4	174	57	0	0	9	0	0	40	53	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	18	03	98	02	0	120	82	0	0	9	0	0	41	84	000	0	0	31	03	98	02	0	186	51	0	0	9	0	0	17	48	—	—	0	—	1.0	2
	Turbat	000	0	0	27	02	96	00	0	110	91	0	0	9	0	0	35	94	000	0	0	09	02	98	00	0	148	63	0	0	9	0	0	26	xx	—	—	0	—	11.3	—
	Jiwani	000	0	0	27	07	97	02	0	130	80	0	0	9	0	0	58	82	000	0	0	31	02	96	02	0	152	67	0	0	9	0	0	64	63	—	—	0	—	3.8	5
	Pasni	000	0	0	25	09	97	00	0	127	81	0	0	9	0	0	69	84	000	2	0	09	02	97	00	4	146	61	0	0	9	0	0	59	60	— 4	— 3	0	0	5.4	4
Karachi Division	Ormara	000	0	0	27	07	96	00	0	119	79	0	0	9	0	0	63	82	000	0	0	00	00	96	00	0	148	66	0	0	9	0	0	64	60	—	—	0	0	9.9	6
	Lasbela																																								8
	Karachi (Manora)	000	0	0	27	10	98	02	0	127	84	0	0	9	0	0	79	88	000	0	0	05	09	96	02	0	142	73	0	0	9	0	0	63	70	+ 1	+ 1	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	23	05	96	02	0	120	82	0	0	9	0	0	37	90	000	0	0	05	02	96	02	0	152	60	0	0	9	0	0	37	53	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	080	87	0	0	9	0	0	67	90	000	0	0	00	00	97	00	0	134	70	0	0	9	0	0	52	xx	—	—	0	—	37.3	—
	Umerkot	000	0	0	02	02	98	02	0	108	86	0	0	9	0	0	51	90	000	0	0	02	01	97	02	0	145	61	0	0	9	0	0	42	52	—	—	0	—	18.1	—
	Hyderabad	000	0	0	02	02	97	02	0	120	85	0	0	9	0	0	41	81	000	0	0	00	00	97	02	0	156	64	0	0	9	0	0	43	59	— 4	— 3	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	122	85	0	0	9	0	0	44	90	000	0	0	36	02	97	00	0	135	61	0	0	9	0	0	47	64	— 4	— 8	0	0	14.8	9
Khairpur	Padidan	000	0	0	27	05	97	02	0	127	84	0	0	9	0	0	35	87	000	0	0	00	00	97	02	0	157	55	0	0	9	0	0	42	48	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	140	85	0	0	9	0	0	37	88	000	0	0	00	00	97	02	0	156	50	0	0	9	0	0	42	48	—	—	0	—	9.3	—
	Sukkur	000	0	0	31	03	97	02	0	124	84	0	0	9	0	0	48	88	000	0	0	16	03	96	02	0	156	66	0	0	9	0	0	49	59	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	205	89	0	0	9	0	0	38	88	000	0	0	00	00	99	00	0	179	68	0	0	9	0	0	47	52	—	—	0	—	1.8	—
	Jacobabad	000	0	0	23	02	97	02	0	128	83	0	0	9	0	0	43	86	000	0	0	00	00	96	02	0	159	61	0	0	9	0	0	44	56	— 5	+ 1	0	0	8.5	4
Junagadh	Veraval																																								30
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	511	50	0	0	9	0	0	33	40	000	0	0	23	02	98	00	0	529	47	0	0	9	0	0	22	41	0	— 2	0.1	0	69.3	39
Peshawar	Drosh *	000	0	0	13	05	97	02	0	502	43	0	0	9	0	0	17	73	000	0	0	00	00	97	02	0	542	45	0	0	9	0	0	27	45	+ 4	0	0	—	23.0	18
	Cherat *	000	0	0	31	05	98	00	0	517	62	0	0	9	0	0	42	72	000	0	0	23	05	98	00	0	506	59	0	0	9	0	0	21	46	+ 2	— 5	0.5	+ 0.4	33.9	29
	Kakul *	000	0	0	16	05	99	00	0	514	63	0	0	9	0	0	34	70	000	0	0	36	02	98	00	0	525	56	0	0	9	0	0	35	49	—	—	0	—	36.3	—
	Landikotal *	000	0	0	00	00	99	00	0	502	48	0	0	9	0	0	36	72	000	0	0	00	00	99	00	0	499	47	0	0	9	0	0	36	41	—	—	0.1	—	13.2	—
	Parachinar *	000	0	2	13	01	99	00	0	529	45	2	0	9	2	0	19	69	000	0	0	00	00	99	00	0	529	42	0	0	9	0	0	23	41	0	0	0.1	—	29.3	29
D.I. Khan	Miranshah *	000	0	0	02	02	99	00	0	508	74	0	0	9	0	0	49	77	000	0	0	00	00	99	00	0	498	49	0	0	9	0	0	22	48	—	—	0	0	7.7	13
	Wana *	000	0	0	00	00	99	00	0	509	68	0	0	9	0	0	25	71	000	0	0	00	00	99	00	0	517	47	0	0	9	0	0	13	39	—	—	0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	516	71	0	0	9	0	0	21	74	000	0	0	00	00	98	02	0	531	42	0	0	9	0	0	18	41	— 2	— 3	0	0	11.2	11
	Hindubagh *	000	0	0	25	07	97	00	0	497	68	0	0	9	0	0	28	70	000	0	0	27	02	97	00	0	534	40	0	0	9	0	0	07	26	—	—	0	—	5.8	—
	Loralai *	000	0	0	16	02	99	00	0	370	65	0	0	9	0	0	53	71	000	0	0	31	02	99	00	0	327	45	0	0	9	0	0	30	35	—	—	0	—	5.6	9
	Harnai *	000	0	0	09	01	96	01	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	0	34.7	14
	Quetta *	000	0	0	31	02	96	00	0	513	61	0	0	9	0	0	25	65	000	0	0	00	00	96	00	0	542	41	0	0	9	0	0	04	24	—	—	0	0	6.2	9
	Chaman *	000	0	0	27	05	98	00	0	523	68	0	0	9	0	0	03	69	000	0	0	09	05	98	00	0	526	60	0	0	9	0	0	01	40	— 4	— 5	0	0	6.3	8
	Nushki *	000	0	0	00	00	98	02	0	578	72	0	0	9	0	0	44	75	000	0	0	09	13	98	02	0	554	58	0	0	9	0	0	39	54	—	—	0	—	3.8	—
	Dalbandin *	000	0	0	13	02	98	02	0	529	75	0	0	9	0	0	17	79	000	0	0	05	02	98	02	0	546	46	0	0	9	0	0	05	36	— 4	— 9	0	0	2.7	4
Kalat	Kalat *	000	0	0	34	05	98	00	0	574	60	0	0	9	0	0	19	64	000	0	0	20	03	98	00	0	544	39	0	0	9	0	0	32	29	— 3	— 3	0	0	12.8	7
	Panjgur *	000	0	0	36	02	98	02	0	520	75	0	0	9	0	0	08	77	000	0	0	05	03	98	02	0	509	47	0	0	9	0	0	19	44	— 4		0	—	6.0	3
Afghanistan	Kabul *																																								12
	Kandhar *																																								

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw_dw_P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shams	13 178	718 00	4 36 09	98 0 11	100 81	41 4 39	76 3 00	...	05 2 76	1x x 20
Dondo	13 108	586 606	0 07 05	99 0 20	163 100	00 9 00	35 3 10	...	00 0 70	10 7 xx
Shams	13 192	707 06	9 36 09	99 0 11	150 86	xx x xx	67 3 00	...	05 2 76	10 1 21
Albarau	13 224	662 06	0 05 02	98 0 00	149 80	00 9 00	33 1 01	...	00 2 64	10 6 23
Caledonia	13 153	522 06	5 55 05	98 0 31	154 79	32 5 40	26 2 09	...	05 5 72	10 5 x2
AEMALE	13 159	532 42	2 09 03	98 0 20	090 81	11 4 20	00 2 21	...	10 9 70	10 8 22
Elhasan	12 215	605 12	0 05 32	98 0 00	116 77	00 9 03	32 0 01	...	00 0 62	10 6 23
Calcex	13 155	523 12	2 07 12	98 0 20	121 92	11 4 04	16 6 15	...	00 1 70	10 7 21
Dondo	13 224	592 12	0 08 04	99 0 20	155 79	00 9 00	35 7 10	...	05 1 70	11 2 xx
Shams	13 209	695 12	0 36 09	99 0 11	100 87	xx x xx	76 3 00	...	00 2 63	1x xxxx
Acrosea	13 165	547 48	1 09 17	98 0 21	115 79	1x 4 00	...	...	05 1 68	...
Alhasan	12 210	689 18	0 05 02	98 0 00	129 78	00 9 00	33 1 01	...	00 1 62	10 6 23

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
					HHHTTTT_dT_d						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	03 10	013 218 192	...	...	150 155 045	...	302 048 008	425 532 575	578 608 635	745 712 735	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 142 065	120 205 995	...	150 180 990	...	315 102 995	440 520 990	532 600 990	750 725 992	956 855	228 010	...	...
Lahore ...	00 00	990 192 105	...	...	153 162 035	...	314 038 995	437 588 992	574 748 995	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 118 012	...	...	145 142 512	...	311 065 652	436 012 735	580 570 800	752 648 998	964 775	248 918	440 990	...
Quetta ...	00 00	834 022 582	...	...			309 580 990	427 655 995	563 715 995	725 800 990	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	03 10	900 185 132	800 115 042	640 002 568	350 768 805	...	...	...	...	...	350 768 805	...	...
Jiwani ...													
Karachi ...	00 00	900 018 202	800 008 312	...	...	...	...	...	...	...	800 008 312	...	...
Lahore ...	00 00	900 195 055	800 122 012	...	...	...	...	...	...	...	800 122 012	...	...
Multan ...													
Peshawar ...	00 00	900 148 045	884 152 005	800 128 552	...	...	...	...	...	...	800 128 552	...	...
Quetta ...	00 00	814 055 598	800 042 572	770 000 900	...	...	...	...	...	...	770 000 900	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.6
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	16 01	26 02	28 10	30 06	32 03	36 10	35 12	35 15	35 10	...
Chhor	09 06	07 06	06 06	06 10	04 07	33 11	32 19	32 30	34 37	31 49	...
Chittagong	24 05	20 09	19 13	19 05	23 04	20 07	20 15	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	09 04	09 04	16 06	23 04	23 12	23 18	34 33	...	...	...	...
Dalbandin	...	...	08 06	05 05	31 05	33 13	34 07	33 12	32 16	30 23	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	02 07	36 10	02 08	35 05	35 10	...	...
Fort Sandeman	...	...	...	23 05	04 04	32 06	03 06	35 07	34 08	36 08	...
Jacobabad	03 01	26 02	29 02	36 02	03 04	01 05	01 07	xx xx	32 19	...	...
Jessore	34 06	04 03	34 03	23 06	22 11	22 18	...	...	...	...	...
Jhelum	32 01	29 06	29 07	30 11	31 13	16 01	05 10	36 13	01 15	29 32	...
Jiwani	33 05	35 03	04 02	04 01	35 56	02 04	28 09	30 17	30 26	31 35	...
Karachi	07 08	07 08	06 07	04 09	06 12	36 11	32 18	31 28	32 29	...	...
Khanpur	16 04	14 04	17 03	28 05	34 08	01 18	36 14	02 18	01 21	...	...
Lahore	31 06	30 07	32 07	34 09	03 05	07 09	06 08	03 17	02 20	01 17	...
Multan	11 07	17 06	17 05	17 06	12 09	03 11	01 15	01 18	01 21	...	...
Muscat	...	...	...	...	...	...	...	...	...	32 34	...
Panjgur	...	...	...	36 06	36 11	35 17	32 16	32 25	32 27	32 22	30 60
Peshawar	...	03 03	02 03	36 03	26 02	25 06	29 08	34 11	36 17	15 02	32 12
Quetta	...	...	...	...	20 01	13 02	34 01	03 01	34 01	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	10 05	09 09	09 09	18 03	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms, a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	33 06	35 07	05 08	16 02	14 02	30 12	23 20	27 23	25 28	23 33	23 56	...	...	...	...	...	...	...
Karachi ...	04 12	08 09	08 07	12 11	03 18	02 20	32 19	31 35	31 37	31 58	30 78	80 11	...	...	...	...	...	...
Peshawar ...	...	28 05	16 05	07 05	06 04	01 08	33 15	01 13	01 19	01 26	01 37	36 38	36 38	34 46	32 55	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

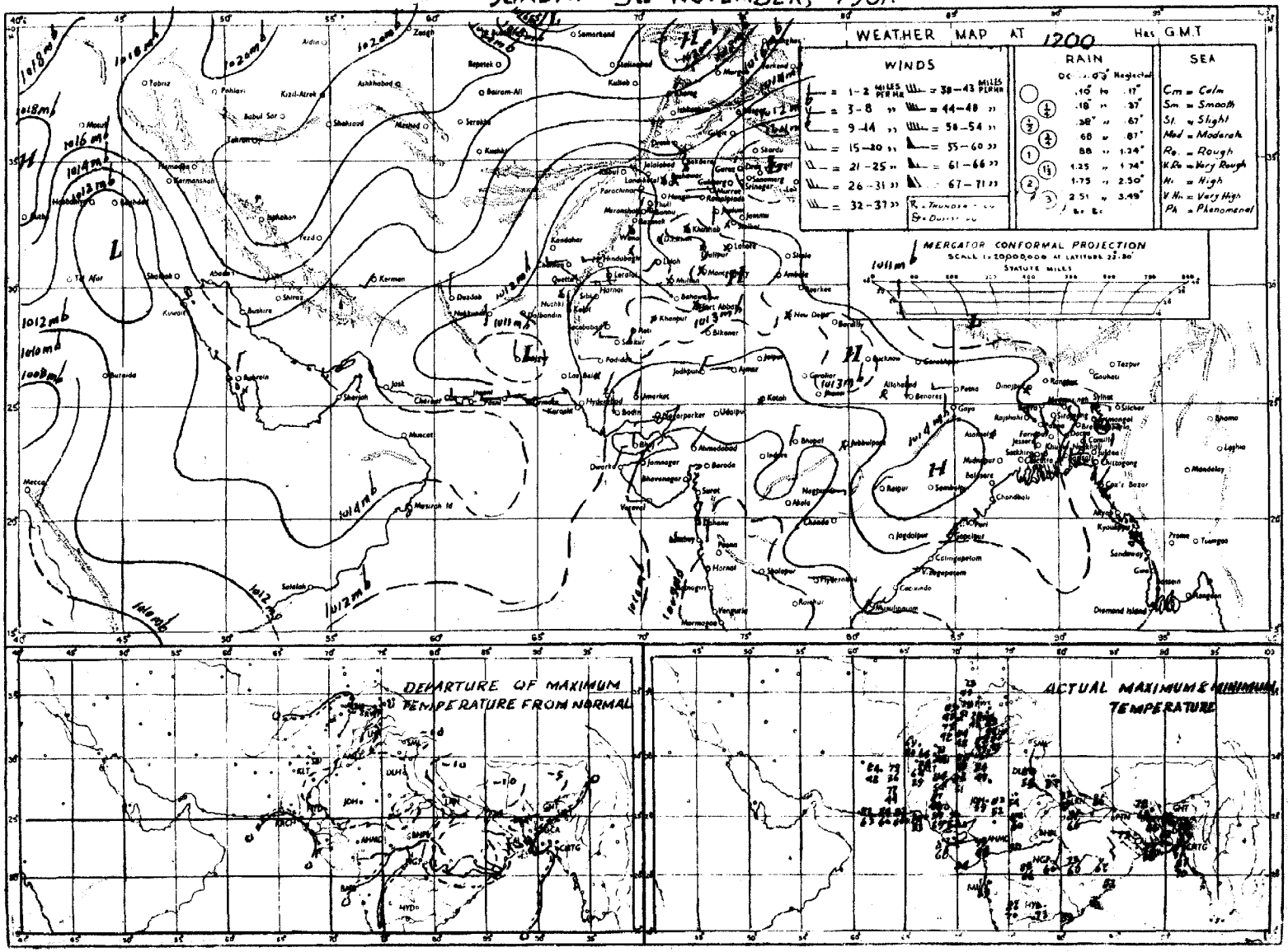
11 917 32 308

11 915 23 220

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

PAKISTAN DAILY WEATHER MAP

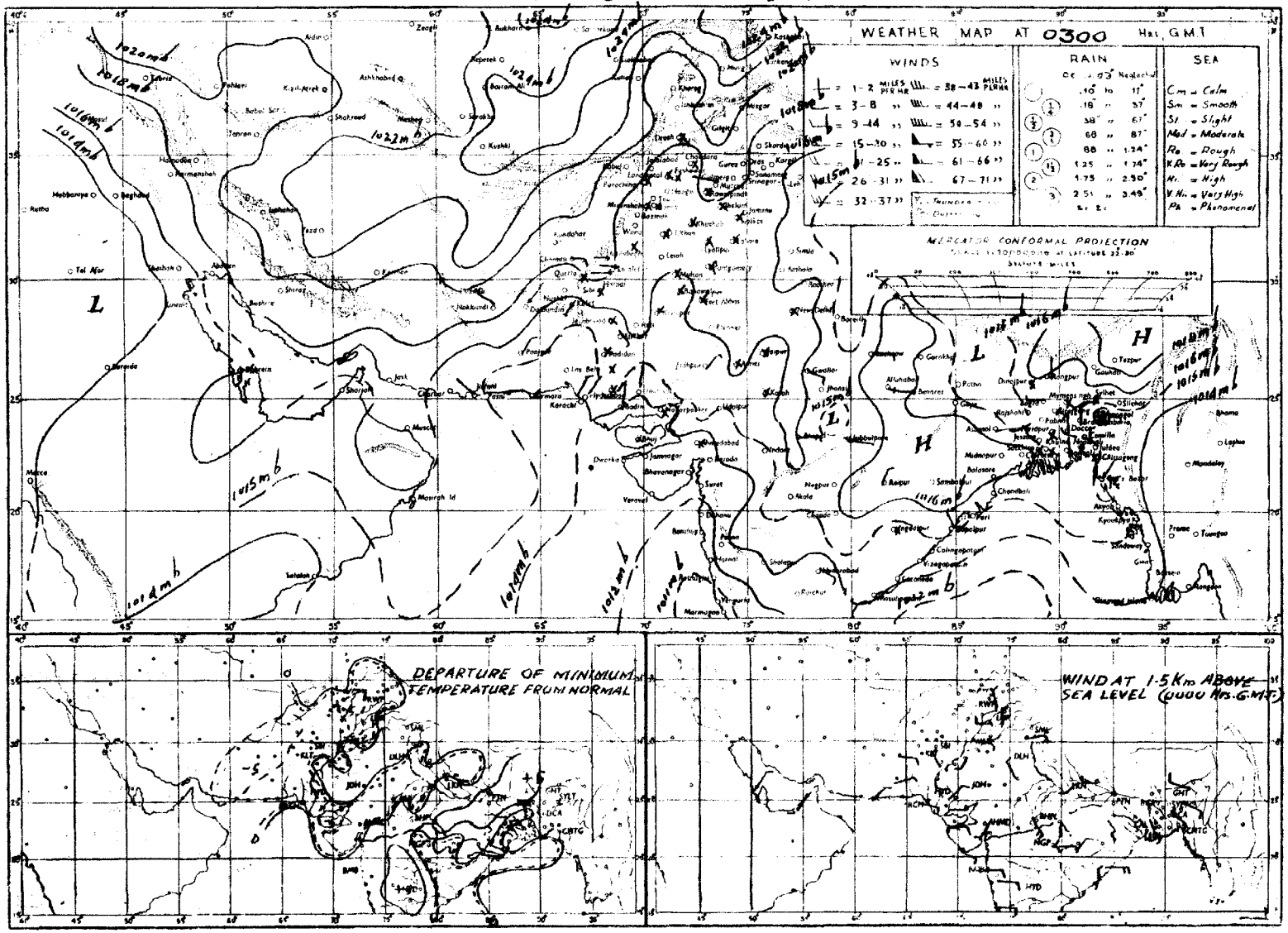
SUNDAY 5th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 6th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 7th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe conditions are unsettled in south Bay of Bengal where a depression may form.

Yesterday's low pressure wave over Sub-Himalayan West Bengal moved away northeastwards.

Scattered thunderstorm/showers have occurred in Chittagong division. Light rain has also been reported from Dacca and Khulna divisions. Cox's Bazar recorded 1' of rainfall.

The westerly low pressure wave over Afghanistan and adjoining Peshawar division is moving away across Kashmir.

Night temperatures were 3-9°F below normal in Kalat, Quetta and Hyderabad divisions.

Forecast valid until the evening of 8th November, 1961:—Rain/thundershowers will be fairly widespread in Chittagong division, local in Dacca and Khulna divisions and scattered in Rajshahi division.

Weather will remain dry over West Pakistan.

Karachi-11
The 7th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	00	2	xxx	xx	1	5	0	2	6	71	89
	Cox's Bazar	088	5	8	09	05	xx	91	9	126	71	4	5	5	2	x	71	83
	Chittagong	005	0	8	05	02	xx	61	5	131	75	8	7	4	x	x	73	77
	Maijdee Court	030	0	9	36	02	xx	02	2	150	76	9	x	0	x	x	71	78
	Comilla	000	0	8	00	00	xx	03	2	116	75	8	4	4	x	x	72	77
	Brahmanbaria	000	0	8	00	00	xx	02	2	128	76	8	0	9	2	x	70	78
	Sylhet	000	0	7	00	00	xx	02	2	131	74	4	4	5	2	0	70	80
	Srimangal	000	3	0	00	00	xx	02	0	xxx	73	0	0	9	0	0	xx	77
Dacca	Mymensingh	000	0	6	00	00	xx	02	2	127	80	6	4	4	0	0	71	84
	Narayanganj	000	9	8	00	00	xx	02	2	125	75	6	5	3	3	x	71	77
	Dacca (Tezgaon)	000	0	7	00	00	97	02	2	122	73	7	0	9	8	0	69	78
	Faridpur	000	0	6	00	00	95	02	2	136	74	6	4	6	0	0	68	79
Khulna	Barisal	000	4	6	00	00	97	02	5	136	78	3	7	5	4	0	62	83
	Khulna	000	0	6	00	00	xx	02	2	127	72	6	5	6	0	0	66	75
	Satkhira	000	0	8	00	00	95	03	1	129	74	5	4	4	3	x	66	76
	Jessore	000	0	8	27	02	96	03	2	127	72	8	8	5	x	x	69	78
Rajshahi	Pabna	000	0	2	00	00	xx	01	1	123	77	0	0	9	0	8	67	82
	Sirajganj	000	0	6	00	00	xx	03	1	118	76	6	0	9	4	0	68	84
	Bogra	000	0	2	00	00	xx	01	2	120	77	1	0	9	7	8	71	77
	Dinajpur	000	8	4	00	00	xx	01	1	117	78	4	0	9	1	0	65	84
	Rangpur	000	0	6	00	00	96	01	2	128	77	4	4	6	2	0	69	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	137	72	0	0	9	0	0	54	81
	Sialkot	000	0	0	00	00	97	00	0	128	73	0	0	9	0	0	5	82
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	124	77	0	0	9	0	0	53	82
	Rawalpindi	000	0	0	27	02	97	00	0	xxx	xx	0	0	9	0	0	44	80
	Campbellpur	000	0	0	00	00	98	00	0	125	77	0	0	9	0	0	39	81
Sargodha	Khushab	000	0	0	00	00	99	00	0	134	80	0	0	9	0	0	47	80
	Lyallpur	000	0	0	00	00	96	00	0	133	81	0	0	9	0	0	51	81
Multan	Montgomery	000	0	0	00	00	96	00	0	137	77	0	0	9	0	0	52	85
	Multan	000	0	0	00	00	98	02	0	132	81	0	0	9	0	0	39	86
	Leiah	000	0	0	18	04	97	00	0	130	80	0	0	9	0	0	44	81
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	127	80	0	0	9	0	0	63	86
	Bahawalpur	000	0	0	00	00	98	00	0	131	80	0	0	9	0	0	60	88
	Fort Abbas	000	0	0	36	02	98	00	0	129	79	0	0	9	0	0	45	80
Peshawar	Chakdara	000	0	0	00	00	97	00	0	110	73	0	0	9	0	0	43	74
	Peshawar	000	0	1	00	00	96	05	0	134	73	0	0	9	0	1	50	76
	Haripur	000	0	0	23	02	97	00	0	124	79	0	0	9	0	0	63	81
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	124	79	0	0	9	0	0	39	80
	D. I. Khan	000	0	0	00	00	98	00	0	125	81	0	0	9	0	0	59	83
Quetta	Sibi	000	0	0	23	02	98	00	0	126	82	0	0	9	8	0	38	87
Kalat	Nokkundi	000	0	0	16	03	99	02	0	116	82	0	0	9	0	0	41	83
	Turbat	000	0	0	27	02	98	00	0	110	92	0	0	9	0	0	34	95
	Jiwani	000	0	0	23	07	97	02	0	124	80	0	0	9	0	0	64	86
	Pasni	000	0	0	16	05	97	00	0	123	80	0	0	9	0	0	68	81
Karachi Division	Ormara	000	0	0	18	03	97	00	0	119	84	0	0	9	0	0	39	84
	Lasbela	000	0	0	00	00	98	00	0	117	90	0	0	9	0	0	63	91
	Karachi (Manora)	000	0	0	27	10	98	02	0	115	85	0	0	9	0	0	76	89
	Karachi (Airport)	000	0	0	27	03	96	02	0	119	84	0	0	9	0	0	45	91
Hyderabad	Nagarparkar	000	0	0	02	01	97	00	0	106	86	0	0	9	0	0	59	88
	Umerkot	000	0	0	02	04	98	02	0	110	85	0	0	9	0	0	53	91
	Hyderabad	000	0	0	00	00	97	02	0	118	85	0	0	9	0	0	45	90
	Badin	000	0	0	36	02	97	00	0	110	86	0	0	9	0	0	49	90
Khairpur	Padidan	000	0	0	31	02	97	02	0	125	83	0	0	9	0	0	40	88
	Nawabshah	000	0	0	00	00	97	02	0	128	84	0	0	9	0	0	45	89
	Sukkur	000	0	0	36	03	97	02	0	125	86	0	0	9	0	0	50	88
	Kashmore	000	0	0	00	00	99	00	0	123	86	0	0	9	0	0	42	88
	Jacobabad	000	0	0	23	02	97	02	0	130	83	0	0	9	0	0	58	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	02	98	00	0	520	49	0	0	9	0	0	23	57
Peshawar	Drosh *	000	0	0	00	00	97	02	0	502	62	0	0	9	0	0	27	74
	Cherat *	000	0	0	05	04	98	00	0	506	62	0	0	9	0	0	40	74
	Kakul *	000	8	1	18	05	99	01	0	516	63	0	0	9	0	1	35	70
	Landikotal *	000	0	0	13	05	99	00	0	500	66	0	0	9	0	0	39	71
	Parachinar *	000	0	0	13	01	99	00	0	529	63	0	0	9	0	0	19	67
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	506	71	0	0	9	0	0	37	74
	Wana *	000	0	0	00	00	99	00	0	509	67	0	0	9	0	0	25	71
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	513	73	0	0	9	0	0	15	75
	Hindubagh *	000	0	0	25	12	97	00	0	483	66	0	0	9	0	0	xx	79
	Loralai *	000	0	0	13	03	99	00	0	368	65	0	0	9	0	0	53	71
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	31	02	96	00	0	511	64	0	0	9	0	0	31	65
	Chaman *	000	0	0	23	05	98	00	0	511	67	0	0	9	0	0	15	70
	Nushki *	000	0	0	00	00	98	02	0	541	71	0	0	9	0	0	46	74
	Dalbandin *	000	0	0	13	02	98	02	0	525	73	0	0	9	0	0	21	78
Kalat	Kalat *	000	0	0	27	02	98	00	0	502	64	0	0	9	0	0	19	68
	Panjgur *	000	0	0	18	02	96	02	0	515	74	0	0	9	0	0	03	77
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	011	9	6	36	05	98	02	6	173	75	2	4	7	2	0	70	71	—	—	0.2	—	122.5	—
Cox's Bazar	093	7	8	07	02	57	20	6	153	74	4	4	5	7	x	71	71	— 2	+ 1	0.9	— 0.9	185.4	140
Chittagong	009	8	8	05	03	96	03	5	161	75	8	6	6	x	x	71	70	— 7	+ 2	0.1	— 1.0	170.7	108
Maijdee Court	000	9	6	05	02	96	03	1	162	74	4	5	5	2	0	72	59	— 4	+ 1	0	— 0.9	124.5	115
Comilla	000	0	8	36	09	96	03	2	153	76	8	4	4	x	x	72	71	— 8	4	0	— 0.6	76.9	94
Brahmanbaria	000	0	7	05	02	97	02	2	163	75	7	0	9	7	0	72	72	—	—	0	— 0.4	65.4	78
Sylhet	000	0	7	09	10	97	02	2	172	75	5	1	3	5	1	xx	xx	—	—	0.1	—	—	—
Srimangal	000	3	8	09	03	95	02	2	xxx	77	0	0	9	0	1	71	69	— 11	+ 7	0.2	— 0.5	51.4	98
Mymensingh	000	0	6	00	00	97	02	1	169	76	6	4	4	0	0	71	70	0	+ 3	0	— 0.5	61.8	91
Narayanganj	000	9	8	00	00	96	02	2	162	76	6	4	5	3	x	67	71	— 8	+ 2	0	— 0.6	62.5	74
Dacca (Tezgaon)	000	x	7	00	00	96	60	2	158	73	4	5	5	7	1	69	69	—	—	0	—	81.2	—
Faridpur	003	0	7	00	00	96	02	6	155	73	5	5	6	1	0	58	65	— 4	+ 1	0	— 0.6	87.9	71
Barisal	000	4	6	18	02	97	02	5	162	78	6	0	9	4	0	69	77	— 1	+ 9	0	— 0.8	76.5	81
Khulna	000	0	7	00	00	97	02	2	163	76	7	5	6	0	0	62	xx	— 9	—	0	— 0.5	56.5	68
Satkhira	000	0	6	00	00	97	02	2	166	75	4	4	6	3	0	65	68	— 10	+ 3	0	— 0.3	62.2	65
Jessore	002	6	6	00	00	96	03	6	160	72	3	5	6	6	2	64	68	— 6	+ 1	—	—	—	65
Pabna	000	0	5	00	00	98	03	1	159	74	5	0	9	5	0	69	68	—	—	0	—	55.6	59
Sirajganj	000	0	7	00	00	98	03	2	161	72	6	7	6	9	0	69	67	+ 1	+ 2	0.3	— 0.1	49.6	64
Bogra	000	0	2	05	02	96	01	1	160	77	1	5	5	7	0	72	67	— 6	+ 2	0.1	— 0.3	53.5	69
Dinajpur	000	0	0	00	00	96	00	0	160	78	0	0	9	0	0	67	65	0	+ 2	0	— 0.1	51.7	72
Rangpur	000	0	3	36	02	96	03	0	172	75	3	0	9	2	0	69	67	0	+ 4	0	— 0.2	60.1	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	10	4	174	56	0	0	9	0	0	50	49	— 5	0	0	0	51.1	19
Sialkot	000	0	0	00	00	97	00	0	178	62	0	0	9	0	0	53	52	— 2	0	0	0	35.0	32
Jhelum	000	0	0	09	02	96	02	0	174	55	0	0	9	0	0	45	47	—	—	0	—	34.8	—
Rawalpindi	000	0	0	00	00	96	10	0	186	49	0	0	9	0	0	44	45	0	— 1	0	0	32.5	36
Campbellpur	000	0	0	00	00	98	00	0	182	53	0	0	9	0	0	39	42	—	—	0	—	11.8	—
Khushab	000	0	0	00	00	99	00	0	165	53	0	0	9	0	0	45	46	— 5	— 7	0	0	11.1	15
Lyallpur	000	0	0	00	00	95	05	4	177	60	0	0	9	0	0	48	50	— 3	0	0	0	13.9	12
Montgomery	000	0	0	00	00	96	02	0	172	58	0	3	9	0	0	50	48	— 2	— 5	0	0	10.1	10
Multan	000	0	0	00	00	97	02	0	171	60	0	0	9	0	0	48	52	0	— 1	0	0	7.6	7
Leiah	000	0	0	23	02	97	00	0	152	51	0	0	9	0	0	16	47	—	—	0	—	10.4	8
Khanpur	000	0	1	00	00	95	05	0	169	61	0	0	9	0	1	47	47	— 3	— 6	0	0	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	165	65	0	0	9	0	0	55	53	+ 1	+ 1	0	0	4.9	6
Fort Abbas	000	0	0	07	02	98	00	0	164	64	0	0	9	0	0	44	52	—	—	0	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	184	52	0	0	9	0	0	35	44	—	—	0	—	25.3	—
Peshawar	000	0	0	00	00	96	05	0	185	52	0	0	9	0	0	42	51	— 3	0	0	0	18.1	11
Haripur	000	0	0	23	02	97	00	0	170	57	0	0	9	0	0	47	47	—	—	0	—	28.6	—
Bannu	000	0	0	00	00	99	00	0	176	51	0	0	9	0	0	42	50	—	—	0	—	13.9	11
D. I. Khan	000	0	0	00	00	98	00	0	169	56	0	0	9	0	0	51	51	— 2	0	0	0	7.7	9
Sibi	000	2	2	00	00	97	03	0	172	55	1	0	9	4	9	40	53	—	—	0	—	5.6	5
Nokkundi	000	0	0	36	02	98	02	0	186	52	0	0	9	0	0	23	48	—	—	0	—	1.0	2
Turbat	000	0	0	09	02	98	00	0	143	66	0	0	9	0	0	41	xx	—	—	0	—	11.3	—
Jiwani	003	0	1	00	00	96	03	0	154	69	1	5	5	0	0	67	65	—	—	0	—	3.8	5
Pasni	000	3	0	00	00	97	00	4	150	65	0	0	9	0	0	63	61	— 6	— 2	0	0	5.4	6
Ormara	000	0	0	00	00	96	00	0	146	67	0	0	9	0	0	65	62	—	—	0	0	9.9	6
Lasbela	000	0	0	00	00	98	00	0	131	64	0	0	9	0	0	51	61	—	—	0	—	9.1	8
Karachi (Manora)	000	0	0	02	05	96	02	0	153	72	0	0	9	0	0	60	69	+ 2	0	0	— 0.1	9.8	8
Karachi (Airport)	000	0	0	36	02	97	02	0	156	63	0	0	9	0	0	35	53	—	—	0	—	24.6	—
Nagarparkar	000	0	0	13	01	97	00	0	145	74	0	0	9	0	0	50	xx	—	—	0	—	37.3	—
Umerkot	000	0	0	02	01	97	02	0	146	60	0	0	9	0	0	42	52	—	—	0	—	18.1	—
Hyderabad	000	0	0	36	02	97	02	0	162	64	0	0	9	0	0	44	59	— 1	— 3	0	0	12.9	7
Badin	000	0	0	36	02	97	00	0	160	60	0	0	9	0	0	51	55	— 3	— 7	0	0	14.8	9
Padidan	000	0	1	00	00	97	02	0	164	53	0	0	9	0	1	46	48	—	—	0	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	174	55	0	0	9	0	0	45	48	—	—	0	—	9.3	—
Sukkur	000	6	4	16	05	97	03	0	154	65	0	0	9	0	3	43	59	—	—	0	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	168	65	0	0	9	0	0	48	53	—	—	0	—	1.8	—
Jacobabad	000	0	2	18	03	97	02	0	166	61	0	0	9	0	2	49	55	— 4	0	0	0	8.3	4
Veraval																							30
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	0	27	02	97	00	0	533	46	0	0	9	0	0	18	41	— 2	— 2	0.1	— 0.1	69.3	59
Drosh *	000	0	0	00	00	97	02	0	544	47	0	0	9	0	0	30	45	+ 7	0	0	—	23.0	18
Cherat *	000	0	0	34	03	98	00	0	505	56	0	0	9	0	0	34	47	+ 5	— 4	0.5	+ 0.4	33.9	29
Kakul *	000	0	0	18	02	99	00	0	532	56	0	0	9	0	0	35	49	—	—	0	—	36.3	—
Landikotal *	000	0	0	00	00	99	00	0	510	48	0	0	9	0	0	38	42	—	—	0.1	—	13.2	—
Parachinar *	000	0	0	00	00	99	00	0	530	42	0	0	9	0	0	23	40	0	— 1	0.1	—	29.3	29
Miranshah *	000	0	0	00	00	99	00	0	401	42	0	0	9	0	0	35	46	—	—	0	0	7.7	12
Wana *	000	0	0	00	00	99	00	0	513	44	0	0	9	0	0	15	35	—	—	0	—	11.3	11
Fort Sandeman *	000	0	3	00	00	98	01	0	532	44	0	0	9	0	4	22	41	0	— 3	0	0	11.2	11
Hindubagh *	000	0	0	27	02	97	00	0	513	39	0	0	9	0	0	05	25	—	—	0	—	5.8	—
Loralai *	000	0	5	29	03	99	02	1	334	46	2	0	9	1	2	21	34	—	—	0	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.1	34.7	14
Quetta *	000	0	0	00	00	96	03	0	538	40	0	0	9	0	0	07	24	—	—	0	0	6.2	9
Chaman *	000	0	0	09	05	98	00	0	514	51	0	0	9	0	0	05	42	— 1	— 3	0	0	6.3	8
Nushki *	000	0	0	09	03	98	02	0	574	59	0	0	9	0	0	41	54	—	—	0	—	3.8	—
Dalbandin *	000	5	0	05	02	98	02	0	506	42	0	0	9	0	0	07	36	— 2	— 9	0	0	2.7	4
Kalat *	000	0	0	18	03	98	00	0	542	37	0	0	9	0	0	32	31	+ 3	— 1	0	0	12.9	7
Panjgur *	000	0	0	05	03	98	02	0	477	48	0	0	9	0	0	17	43	— 3	— 5	0	—	5.0	5
Kabul *																							12
Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L,L,L,	L,L,L, GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw_dwP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Acmaca	23 180	572 06	4 C8 09	98 0 21	136 79	42 5 00		...	05 1 60	10 8 21
Caledonia	23 191	590 12	5 07 09	98 0 21	129 78	51 5 00	15 4 00	...	05 5 64	10 7 x3
Acmaca	23 190	580 12	3 L7 C5	98 0 20	120 79	31 5 00		...	C5 2 60	10 7 20
Caltex Endhoven	23 188	578 12	2 05 08	98 0 30	139 79	21 5 0	16 4 00	...	05 1 63	10 5 21
Caledonia	23 201	605 18	1 00 C0	98 0 20	152 77	15 9 00	15 1 04	...	05 7 63	10 6 x3
Sornes	23 189	579 18	0 C6 03	99 0 00	044 77	03 9 00	14 2 10	...	05 2 66	10 6 xx
Caltex Endhoven	23 201	590 18	0 .5 .5	98 0 20	162 81	00 9 00	16 2 04	...	05 4 64	10 5 20
Shunenaru	23 082	727 18	1 11 C6	99 0 20	100 92	11 4 00	67 0 05	...	05 2 75	...
Bay of Bengal										
Dacca City	23 180	892 00	8 ´5 15	99 0 22	126 80	38 7 7x	...	...	...	...
Dacca City	23 189	898 06	7 (5 15	98 0 22	142 82	78 7 00	...	...	...	...
Dacca City	22 198	905 12	9 L5 15	98 0 22	130 80	9x 0 xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	011 225 205	107 200 999	...	140 135 999	..	309 035 012	432 542 565	574 622 999	741 715 999	947 865	216 065	...	...
Jiwani ...														
Karachi ...	00 00	012 192 085	122 225 999	...	150 135 999	...	313 055 999	437 525 999	580 605 999	747 740 999	952 885	222 018	410 990	...
Lahore ...	00 00	991 202 115	133 xxx xxx	...	147 148 042	...	314 018 999	437 830 999	578 658 999	743 775 999	...	.	...	...
Multan ...														
Peshawar ...	00 00	973 128 022	...	...	149 102 012	...	309 052 622	435 522 695	578 595 745	748 678 999	957 815	232 960	421 052	...
Quetta ...	00 00	834 002 592	...	...	...	.	307 630 993	423 718 999	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	800 315 072	250 052 028			...	...	...	...	...	350 052 028	...	...
Jiwani ...													
Karachi ...	00 00	900 190 xxx	800 120 xxx	350 790 xxx	250 950 xxx	...	...	...	...	...	250 950 xxx	...	...
Lahore ...	00 00	900 178 065	800 130 000	350 830 xxx	...	...	...	...	...	...	350 830 xxx	...	...
Multan ...													
Peshawar ...	00 00	875 158 022	800 108 535	350 740 xxx	250 890 xxx	...	...	...	...	...	250 890 xxx	...	...
Quetta ...	00 00	800 008 542	769 520 xxx	726 610 xxx	460 890 xxx	...	...	...	...	...	460 890 xxx	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 03	12 03	11 04	15 06	18 08	...	...	...	...	...	...
Chaklala ...	...	13 02	19 01	26 04	21 10	21 06	25 07	28 08	27 09	25 10	23 16
Chhor ...	10 08	06 08	06 09	36 10	02 12	03 13	28 07	30 16	31 19	29 26	...
Chittagong ...	30 03	20 13	20 06	18 05	20 08	20 09	...	...	...	...	...
Cox's Bazar ...	*14 05	13 05	12 05	18 09	18 08	...	...	...	...	...	...
Dacca ...	*05 02	11 03	15 03	16 05	14 06	20 10	...	...	...	...	...
Dalbandin ...	...	...	08 05	26 06	28 14	34 17	32 20	29 20	29 24	29 33	29 43
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	06 03	01 09	17 07	16 07	18 10	...	...
Fort Sandeman ...	...	...	...	25 04	12 04	19 07	...	...	...	...	...
Jacobabad ...	12 05	14 03	16 02	22 04	27 03	28 02	27 12	29 18	28 19	29 30	29 47
Jessore ...	06 01	08 01	17 01	17 08	18 09	18 09	...	...	...	...	...
Jhelum ...	15 02	27 01	32 05	27 07	27 08	24 02	24 04	00 07	30 09	27 09	24 13
Jiwani ...	17 03	...	...	...	...	...	...	...	...	...	...
Karachi ...	08 08	09 08	08 06	03 06	06 06	36 03	31 10	31 18	30 25	...	...
Khanpur ...	15 08	15 07	15 08	15 06	17 03	36 05	08 10	28 09	26 10	...	...
Lahore ...	04 01	03 03	03 05	34 03	01 07	16 05	07 07	32 03	33 14	30 15	...
Multan ...	20 08	19 11	20 09	17 07	13 15	05 08	26 04	26 07	27 12	28 17	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 05	34 07	36 12	29 08	29 12	29 20	29 38	30 60
Peshawar ...	...	02 03	06 03	36 01	21 01	24 04	19 09	23 12	23 17	...	...
Quetta ...	...	...	...	...	15 02	26 07	25 06	28 16	27 15	28 23	29 33
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	12 06	13 04	13 04	13 04	15 05	17 05	22 15	23 17	24 18	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 05	07 06	12 07	18 10	18 08	22 06	22 11	23 11	26 29	24 43	24 57	17 87	21 72			...	...	–
Karachi ...	08 03	08 04	02 06	02 07	06 05	12 03	34 11	32 12	30 23	29 47	29 57	29 70	79 21	79 46	28 85	...	...	...
Peshawar ...		06 09	10 04	15 03	03 06	35 13	30 13	28 13	28 14	26 26	26 22	26 24	77 44	28 58	28 88	...	...	...
Quetta ...																		

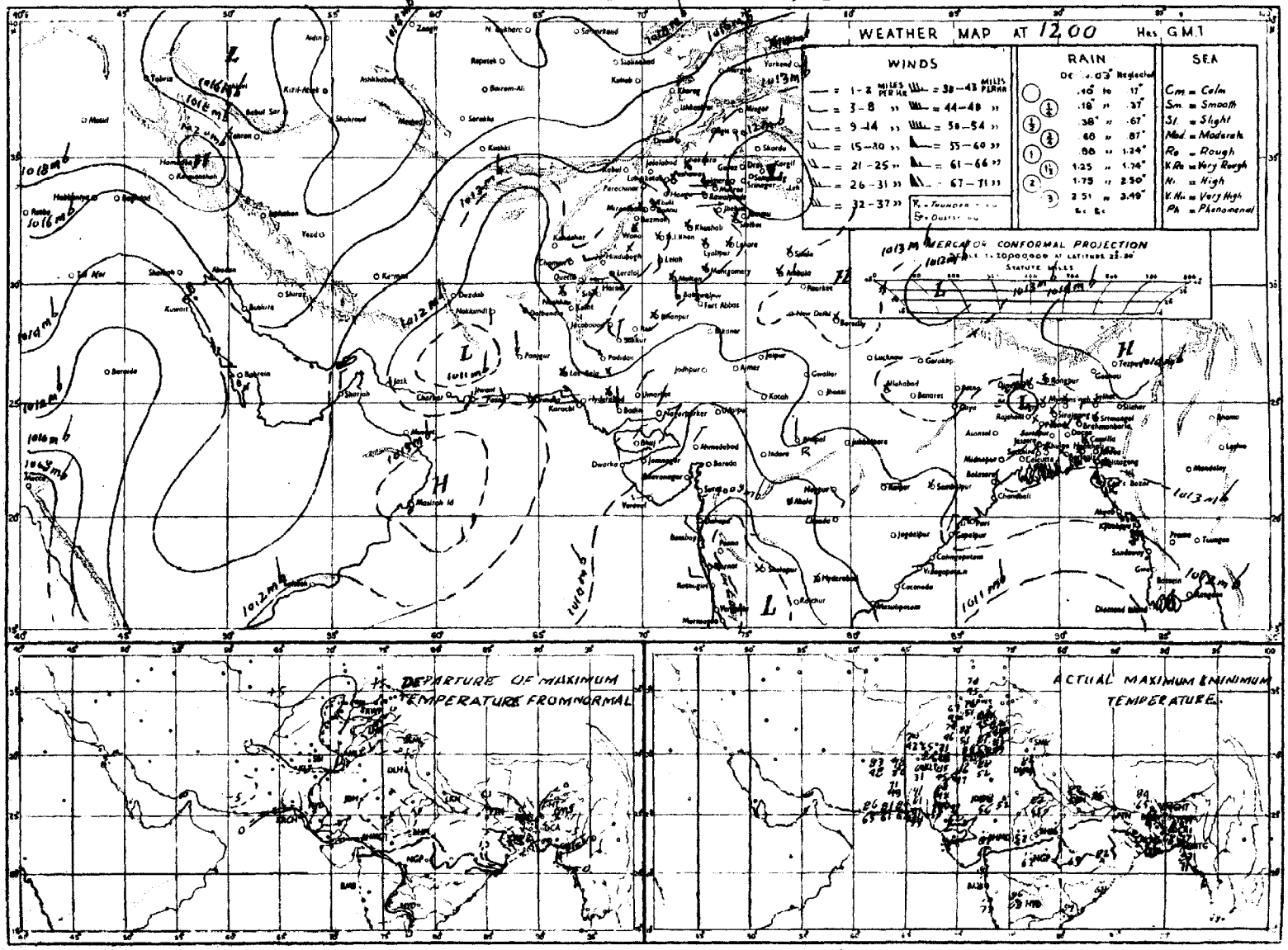
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-14.

PAKISTAN DAILY WEATHER MAP

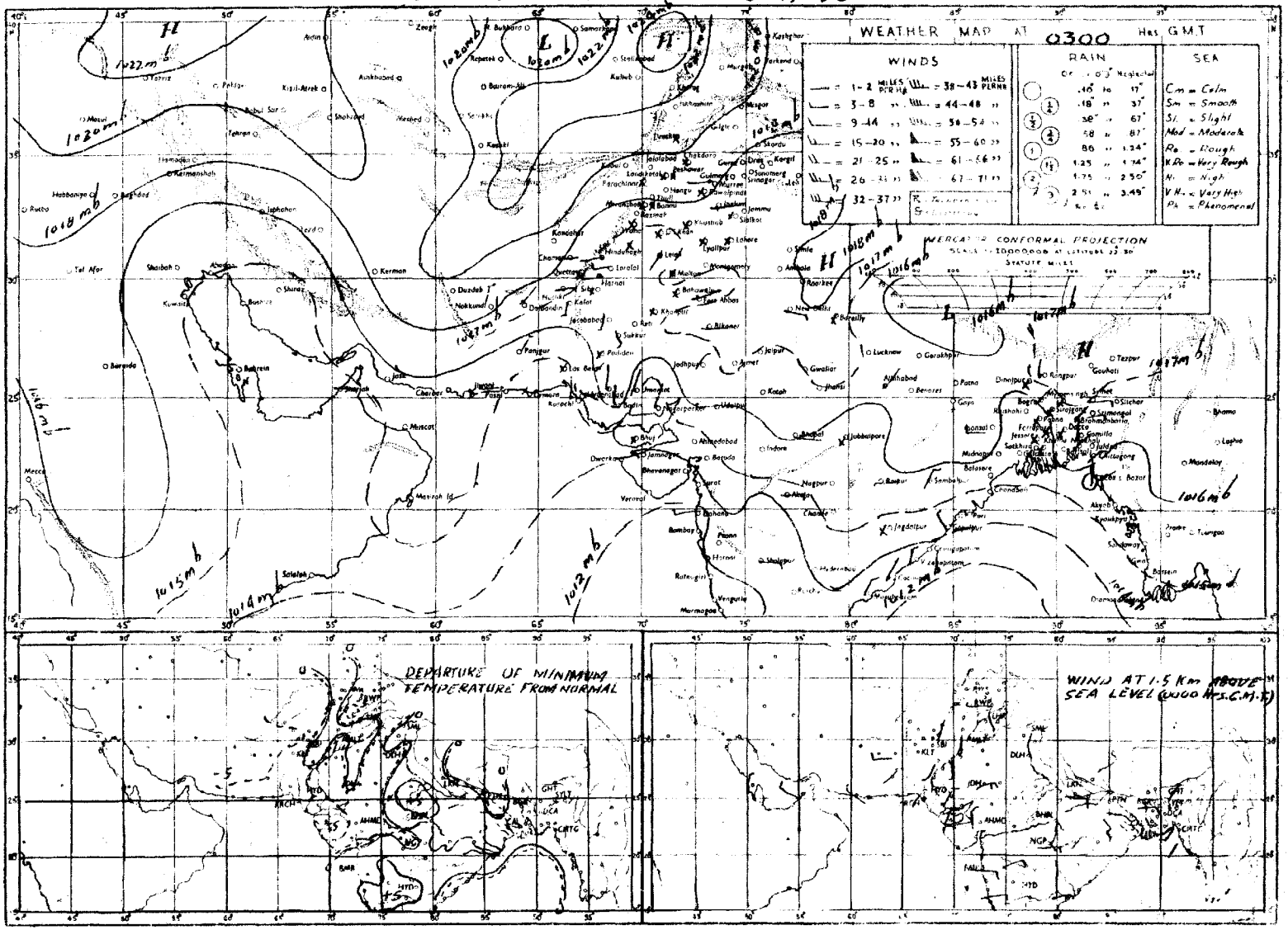
MONDAY 6th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 8th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Ships' observations are lacking but believe low pressure wave is moving westwards across southwest Bay of Bengal.

A westerly low pressure wave is moving away eastwards across sub-Himalayan West Bengal.

Scattered light rain has been reported from East Pakistan outside Khulna division.

Sirajganj recorded ½" of rainfall.
A feeble western distrubance lies over north Afghanistan.

Weather remained dry in West Pakistan.

Night temperatures were: 2-to-6-°F above normal in East Pakistan and were 3-to 6-°F below normal in Peshawar, Rawalpindi, Bawalpur, Multan, Quetta and northern Kalat divisions and 2 to 4°F so in Karachi and Hyderabad divisions.

Forecast valid until the evening of 9th November, 1961:— Scattered light rain will fall in East Pakistan.
Weather will remain ory over West Pakistan.

Karachi-11
The 8th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (13)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	36	05	xx	00	2	147	75	9	x	0	x	x	70	79
	Cox's Bazar ...	000	3	8	09	02	xx	20	5	136	75	6	5	5	2	x	70	76
	Chittagong ...	002	4	8	00	00	xx	61	6	141	75	8	6	4	x	x	71	79
	Maijdee Court ...	000	9	0	00	00	xx	10	0	135	76	0	0	9	0	0	71	80
	Comilla ...	000	0	8	36	05	96	02	0	116	75	8	4	4	x	x	72	77
	Brahmanbaria ...	000	0	4	00	00	xx	01	1	133	78	4	0	9	2	0	72	81
	Sylhet ...	000	0	8	00	00	xx	02	2	128	77	4	5	6	2	x	70	82
	Srimangal ...	000	3	x	00	00	xx	02	2	xxx	75	x	x	0	x	x	74	83
Dacca	Mymensingh ...	015	2	8	00	00	xx	02	6	134	81	8	7	4	x	x	71	82
	Narayanganj ...	000	9	8	00	00	xx	02	2	133	78	8	7	4	x	x	71	82
	Dacca (Tezgaon) ...	000	0	8	00	00	97	02	2	125	76	3	5	5	2	x	70	80
	Faridpur ...	000	0	8	00	00	95	02	2	126	74	6	4	5	1	0	69	79
Khulna	Barisal ...	000	0	8	00	00	96	02	2	131	78	8	5	5	0	0	67	83
	Khulna ...	000	0	7	00	00	xx	02	2	135	76	7	5	6	0	0	68	80
	Satkhira ...	000	0	8	00	00	95	03	1	135	76	6	4	5	3	x	68	81
	Jessore ...	000	0	6	09	02	96	03	2	123	75	4	4	6	6	0	65	84
Rajshahi	Pabna ...	000	0	5	00	00	xx	01	2	129	77	3	0	9	7	8	68	82
	Sirajganj ...	000	0	8	00	00	xx	01	2	119	75	8	0	9	0	4	70	65
	Bogra ...	000	0	6	23	02	xx	02	2	132	77	2	4	6	0	1	71	82
	Dinajpur ...	000	2	4	00	00	xx	02	6	133	72	4	0	9	2	0	64	83
	Rangpur ...	000	0	7	00	00	96	03	2	137	76	6	5	6	2	0	70	82
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	3	00	00	95	05	0	150	75	0	0	9	0	3	50	81
	Sialkot ...	000	0	0	00	00	97	00	0	147	73	0	0	9	0	0	55	80
Rawalpindi	Jhelum ...	000	0	2	00	00	97	03	0	148	73	0	0	9	0	1	46	83
	Rawalpindi ...	000	0	5	00	00	99	01	1	157	68	0	0	9	4	8	48	80
	Campbellpur ...	000	0	0	00	00	98	00	0	127	75	0	0	9	0	0	38	80
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	154	81	0	0	9	0	0	39	83
	Lyallpur ...	000	0	0	00	00	96	00	0	158	75	0	0	9	0	0	52	xx
Multan	Montgomery ...	000	0	5	00	00	96	02	0	151	76	0	0	9	0	1	53	84
	Multan ...	000	0	6	00	00	97	02	1	147	79	0	0	9	0	2	39	84
	Leiah ...	000	0	4	18	03	97	00	0	137	78	0	7	9	0	0	60	79
Bahawalpur	Khanpur ...	000	0	1	00	00	96	02	0	140	83	1	0	9	4	0	47	87
	Bahawalpur ...	000	0	0	00	00	98	00	0	111	80	0	0	9	0	0	62	87
	Fort Abbas ...	000	0	0	36	02	98	00	0	151	79	0	0	9	0	0	50	84
Peshawar	Chakdara ...	000	0	0	00	00	97	00	0	134	73	0	0	9	0	0	37	74
	Peshawar ...	000	0	4	00	00	96	05	0	149	72	0	0	9	0	1	50	77
	Haripur ...	000	3	3	13	03	95	02	1	150	79	3	6	6	0	0	63	80
D. I. Khan	Bannu ...	000	8	8	13	02	99	03	2	143	76	0	0	9	0	8	40	77
	D. I. Khan ...	000	3	4	00	00	98	02	1	141	77	0	0	9	1	0	57	80
Quetta	Sibi ...	000	6	0	18	03	98	00	0	142	79	0	0	9	0	0	44	86
Kalat	Nokkundi ...	000	0	0	16	03	98	02	0	113	81	0	0	9	0	0	32	83
	Turbat ...	000	0	0	37	03	98	00	0	110	90	0	0	9	0	0	44	93
	Jiwani ...	000	0	1	18	09	97	01	1	129	79	0	0	9	0	1	65	81
	Pasni ...	000	0	0	16	05	97	00	0	127	82	0	0	9	0	0	67	84
Karachi Division	Ormara ...	000	0	0	23	03	97	00	0	117	83	0	0	9	0	0	56	86
	Lasbela ...	000	0	0	00	00	98	00	0	117	92	0	0	9	0	0	61	98
	Karachi (Manora) ...	000	0	0	25	10	98	02	0	117	86	0	0	9	0	0	77	89
	Karachi (Airport) ...	000	0	0	23	03	97	02	0	121	85	0	0	9	0	0	37	89
Hyderabad	Nagarparkar ...	000	0	0	09	02	97	00	0	098	84	0	0	9	0	0	53	87
	Umerkot ...	000	0	0	36	03	98	02	0	115	85	0	0	9	0	0	60	88
	Hyderabad ...	000	0	0	36	02	97	02	0	124	85	0	0	9	0	0	41	91
	Badin ...	000	0	0	36	02	97	00	0	121	86	0	0	9	0	0	62	92
Khairpur	Padidan ...	000	0	0	31	03	97	02	0	128	83	0	0	9	0	0	37	87
	Nawabshah ...	000	0	0	00	00	97	02	0	131	85	0	0	9	0	0	41	88
	Sukkur ...	000	2	0	36	02	97	02	1	131	83	0	0	9	0	0	45	87
	Kashmore ...	000	0	0	00	00	99	00	0	209	85	0	0	9	0	0	42	88
	Jacobabad ...	000	0	1	00	00	97	02	0	138	84	0	0	9	0	1	50	87
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Allabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	4	3	00	00	97	01	1	530	48	0	0	9	0	8	30	57
Peshawar	Drosh * ...	000	0	3	05	05	97	03	0	511	63	3	1	7	0	0	35	73
	Cherat * ...	000	0	3	05	07	98	03	0	515	59	3	0	9	0	0	43	73
	Kakul * ...	000	7	2	16	02	99	01	0	534	62	1	1	7	4	1	31	71
	Landikotal * ...	000	0	2	13	02	98	03	0	515	65	0	0	9	0	4	40	70
	Parachinar * ...	000	0	2	13	01	99	00	0	529	59	2	0	9	2	0	14	64
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	512	68	0	0	9	0	0	35	73
	Wana * ...	000	0	0	00	00	99	00	0	509	67	0	0	9	0	0	25	71
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	01	0	521	69	0	0	9	0	0	20	70
	Hindubagh * ...	000	0	0	25	07	97	00	0	488	63	0	0	9	0	0	11	66
	Loralai * ...	000	0	0	11	02	99	02	0	358	63	0	0	9	0	0	53	67
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	31	02	96	00	0	513	64	0	0	9	0	0	23	xx
	Chaman * ...	000	0	0	23	05	98	00	0	503	66	0	0	9	0	0	03	67
	Nushki * ...	000	0	0	27	05	98	02	0	552	74	0	0	9	0	0	54	75
	Dalbandin * ...	000	0	0	05	02	98	02	0	522	77	0	0	9	0	0	27	80
Kalat	Kalat * ...	000	0	0	24	05	98	00	0	594	59	0	0	9	0	0	06	64
	Panjgur * ...	000	0	0	23	02	98	02	0	516	78	0	0	9	0	0	04	80
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	0	7	36	05	98	02	2	166	75	3	6	4	7	x	70	71
	Cox's Bazar	001	9	8	09	02	97	02	5	149	75	3	5	5	7	x	70	71
	Chittagong	002	0	7	05	03	96	02	2	155	77	5	5	6	2	0	72	70
	Maijdee Court	000	6	8	00	00	96	03	2	160	75	3	5	5	2	x	71	72
	Comilla	000	0	8	36	05	98	03	2	156	76	8	4	4	x	x	73	72
	Brahmanbaria	000	0	7	05	03	97	03	1	158	76	7	0	9	4	0	71	72
	Sylhet	002	0	7	09	05	96	02	2	161	79	4	5	5	3	0	67	72
	Srimangal	000	3	8	27	05	95	02	2	xxx	71	0	0	5	0	2	72	69
Dacca	Mymensingh	015	0	6	00	00	99	02	1	164	75	6	4	4	0	0	70	68
	Narayanganj	000	9	7	00	00	96	02	2	160	75	3	5	5	7	0	70	71
	Dacca (Tezgaon)	000	9	7	02	03	97	02	1	154	75	7	0	9	7	0	70	69
	Faridpur	000	0	5	05	02	96	02	2	154	77	4	5	6	1	0	77	70
Khulna	Barisal	000	0	6	36	02	97	02	2	157	78	4	7	6	4	0	71	74
	Khulna	000	0	3	05	03	97	01	2	159	79	3	5	6	0	0	69	70
	Satkhira	000	0	3	00	00	97	01	2	159	77	1	1	8	3	0	68	71
	Jessore	000	0	1	05	03	97	01	2	152	75	0	0	9	0	2	70	69
Rajshahi	Pabna	002	9	3	31	05	98	01	6	163	76	3	0	9	3	0	68	64
	Sirajganj	040	4	7	00	00	98	02	2	162	74	7	0	9	4	0	71	68
	Bogra	008	7	4	05	00	96	01	6	165	71	3	5	5	0	8	69	69
	Dinajpur	000	9	3	00	00	96	02	2	165	73	0	0	9	0	0	68	64
	Rangpur	005	9	5	02	02	96	01	1	171	72	3	5	6	2	0	69	67
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	0	00	00	94	10	0	200	53	0	0	9	0	0	49	49
	Sialkot	000	0	0	00	00	97	00	0	200	64	0	0	9	0	0	53	53
Rawalpindi	Jhelum	000	0	1	00	00	96	01	0	200	51	0	0	9	0	1	45	46
	Rawalpindi	000	0	0	00	00	96	10	0	211	49	0	0	9	0	0	44	44
	Campbellpur	000	0	0	00	00	98	00	0	207	42	0	0	9	0	0	38	42
Sargodha	Khushab	000	0	0	09	02	99	02	0	197	56	0	0	9	0	0	46	xx
	Lyallpur	000	0	0	00	00	95	05	4	194	60	0	0	9	0	0	51	50
Multan	Montgomery	000	0	0	13	03	96	02	0	193	62	0	0	9	0	0	49	49
	Multan	000	0	1	00	00	97	02	0	194	60	0	0	9	0	2	46	53
	Leiah	000	0	0	18	02	97	00	0	143	62	0	0	9	0	0	37	45
Bahawalpur	Khanpur	000	0	1	00	00	96	03	0	187	60	0	0	9	0	1	47	50
	Bahawalpur	000	0	0	00	00	98	00	0	196	55	0	0	9	0	0	53	49
	Fort Abbas	000	0	0	07	02	98	00	0	201	66	0	0	9	0	0	51	55
Peshawar	Chakdara	000	0	0	00	00	97	00	0	209	50	0	0	9	0	0	37	43
	Peshawar	000	0	1	00	00	97	01	0	204	51	0	0	9	0	1	45	48
	Haripur	000	1	1	23	03	98	01	0	190	57	1	0	9	0	9	38	48
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	195	52	0	0	9	0	0	41	50
	D. I. Khan	000	0	0	00	00	98	00	0	195	52	0	0	9	0	0	48	49
Quetta	Sibi	000	2	3	27	02	97	03	1	191	57	0	0	9	3	0	40	52
Kalat	Nokkundi	000	0	0	36	03	98	02	0	149	55	0	0	9	0	0	29	50
	Turbat	000	0	0	09	02	98	00	0	158	68	0	0	9	0	0	44	xx
	Jiwani	000	0	2	05	05	97	02	0	170	67	0	0	9	0	0	65	64
	Pasni	000	3	0	20	02	97	00	4	171	64	0	0	9	0	0	62	62
Karachi Division	Ormara	000	0	0	00	00	96	00	0	165	66	0	0	9	0	0	64	62
	Lasbela	000	0	0	00	00	98	00	0	157	67	0	0	9	0	0	47	62
	Karachi (Manora)	000	0	0	05	12	95	05	0	170	68	0	0	9	0	0	54	65
	Karachi (Airport)	000	0	0	00	00	96	02	0	171	63	0	0	9	0	0	38	55
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	045	68	0	0	9	0	0	51	xx
	Umerkot	000	0	0	02	01	97	02	0	167	62	0	0	9	0	0	44	54
	Hyderabad	000	0	0	36	02	97	02	0	178	65	0	0	9	0	0	42	60
	Badin	000	0	0	36	02	97	00	0	170	60	0	0	9	0	0	38	50
Khairpur	Padidan	000	0	4	00	00	97	03	0	185	54	0	0	9	0	5	46	49
	Nawabshah	000	0	3	00	00	97	03	0	186	56	0	0	9	0	0	46	52
	Sukkur	000	6	4	16	03	96	03	0	164	63	0	0	9	0	3	41	59
	Kashmore	000	0	0	00	00	99	02	0	202	63	4	1	6	0	0	41	52
	Jacobabad	000	0	3	29	02	97	03	0	189	63	0	0	9	0	1	45	56
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	0	00	00	97	00	1	550	44	0	0	9	0	0	24	38
Peshawar	Drosh *	000	0	0	00	00	97	02	0	558	43	0	0	9	0	0	27	45
	Cherat *	000	0	0	31	05	98	00	0	523	51	0	0	9	0	0	33	45
	Kakul *	000	3	1	11	02	98	01	0	549	53	0	0	9	0	1	29	48
	Landikotal *	000	0	1	00	00	98	03	0	525	49	0	0	9	0	7	37	41
	Parachinar *	000	0	0	00	00	99	00	0	559	39	0	0	9	0	0	25	40
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	529	51	0	0	9	0	0	26	46
	Wana *	000	0	0	00	00	99	00	0	509	54	0	0	9	0	8	25	63
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	558	49	0	0	9	0	0	22	41
	Hindubagh *	000	0	0	27	02	97	00	0	534	39	0	0	9	0	0	11	24
	Loralai *	000	0	0	34	02	99	00	3	244	xx	0	0	9	1	0	05	35
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	4	18	02	97	01	0	564	42	0	0	9	0	1	12	30
	Chaman *	000	0	0	09	05	98	00	0	528	53	0	0	9	0	0	03	44
	Nushki *	000	0	0	09	09	98	02	0	561	64	0	0	9	0	0	47	54
	Dalbandin *	000	0	5	31	03	97	03	1	577	49	0	0	9	0	6	39	37
Kalat	Kalat *	000	2	2	18	09	98	03	0	556	39	0	0	9	0	1	35	33
	Panjgur *	000	0	1	05	02	98	02	0	522	52	0	0	9	0	1	08	47
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.2	—	122.5	—
	Cox's Bazar	— 9	+ 1	0.9	— 1.0	185.4	140
	Chittagong	— 5	+ 2	0.1	— 1.1	170.7	108
	Maijdee Court	— 4	+ 4	0	— 0.9	124.5	115
	Comilla	— 8	+ 5	0	— 0.7	76.9	94
	Brahmanbaria	—	—	0	— 0.5	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 5	— 7	0.2	— 0.6	51.4	98
Dacca	Mymensingh	— 2	+ 1	0.1	— 0.4	62.0	91
	Narayanganj	— 3	+ 2	0	— 0.6	62.5	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	— 4	+ 3	0	— 0.6	87.9	71
Khulna	Barisal	— 1	+ 6	0	— 0.9	76.5	81
	Khulna	— 4	+ 4	0	— 0.5	56.5	68
	Satkhira	— 5	+ 6	0	— 0.4	62.2	65
	Jessore	— 0	+ 2	—	—	—	65
Rajshahi	Pabna	—	—	0	—	55.6	59
	Sirajganj	+ 2	+ 3	0.7	— 0.3	50.0	64
	Bogra	—	+ 4	0.1	— 0.3	53.6	69
	Dinajpur	— 1	+ 1	0	— 0.1	51.7	72
	Rangpur	— 1	+ 4	0.1	— 0.2	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	0	0	0	51.1	19
	Sialkot	— 4	+ 1	0	0	35.0	32
Rawalpindi	Jhelum	—	—	0	—	34.8	—
	Rawalpindi	0	— 2	0	0	52.5	36
	Campbellpur	—	—	0	—	11.0	—
Sargodha	Khushab	— 2	—	0	0	11.1	15
	Lyallpur	×	0	0	0	13.9	12
Multan	Montgomery	— 3	— 4	0	0	10.1	10
	Multan	— 2	— 0	0	0	7.6	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 2	— 3	0	0	12.6	6
	Bahawalpur	0	+ 3	0	0	4.9	6
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	0	—	25.3	—
	Peshawar	— 2	— 3	0	0	18.1	11
	Haripur	—	—	0	—	28.6	—
D. I. Khan	Bannu	—	—	0	—	13.9	11
	D. I. Khan	— 5	— 2	0	0	7.0	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	0	—	11.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	— 3	— 1	0	0	5.4	6
Karachi Division	Ormara	—	—	0	0	9.9	6
	Lasbela	—	—	0	—	9.1	8
	Karachi (Manora)	+ 2	— 4	0	— 0.1	9.8	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	37.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	0	— 2	0	0	12.9	7
	Badin	— 1	— 12	0	0	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	— 2	+ 1	0	0	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Allabad *						—
	Gilgit *						5
Rawalpindi	Murree *	— 2	— 5	0.1	— 0.1	69.3	59
Peshawar	Drosh *	+ 6	0	0	—	23.0	18
	Cherat *	+ 4	— 6	0.5	— 0.4	33.9	29
	Kakul *	—	—	0	—	36.3	—
	Landikotal *	—	—	0.1	—	13.2	—
	Parachinar *	— 3	— 1	0.1	—	29.3	29
D.I. Khan	Miranshah *	—	—	0	0	7.7	13
	Wana *	—	—				11
Quetta	Fort Sandeman *	— 5	— 3	0	0	11.2	11
	Hindubagh *	—	—	0	—	5.8	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	×	—	0	— 0.1	34.7	14
	Quetta *	—	— 6	0	0	6.2	9
	Chaman *	— 4	— 1	0	0	6.3	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	0	— 8	0	0	2.7	4
Kalat	Kalat *	— 1	+ 1	0	0	12.9	7
	Panjgur *	0	— 1	0	—	5.0	5
Afghanistan	Kabul *						12
	Kandhar *						

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 8th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lhC_mC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_dT_d$	$Id_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Egdia	...	...	...	33 162	465 00	5 07 13	98 1 32	123 78	4x x xx	65 7 10	...	05 3 69	10 7 xx
Caledonia	...	...	...	33 219	629 06	0 05 05	98 0 20	158 77	00 9 00	15 1 04	...	05 7 63	10 5 x2
Dondo	...	...	...	33 164	541 06	1 06 13	99 0 20	162 84	14 5 00	55 2 10	...	00 6 77	10 7 xx
Aenaca	...	...	...	33 227	597 36	1 18 06	98 0 20	147 77	10 6 01	05 4 16	...	11 8 70	10 9 21
Caltex Endhoven	...	...	...	33 229	596 06	3 18 05	98 0 20	178 77	00 5 05	76 2 03	...	05 3 60	11 8 21
Dwarka	...	...	...	33 206	703 06	1 05 04	98 0 03	139 82	11 7 10	75 0 00	...	00 2 70	10 5 21
Caltex Endhouen	...	...	...	33 141	584 12	0 12 05	98 0 20	148 82	00 9 03	76 6 02	...	11 2 70	13 3 21
Eucadia	...	...	...	33 221	675 12	0 01 09	98 0 20	126 77	00 9 00	35 4 00	...	05 2 6x	10 1 22
Aenaca	...	...	...	33 239	586 42	0 13 06	98 0 20	122 82	00 9 00	05 0 19	...	21 3 79	00 x 00
Shinanemaru	...	...	...	33 092	673 12	7 02 18	98 0 31	083 64	2 3 00	67 7 03	...	00 2 77	...
Caledais	...	...	...	33 228	641 12	0 05 05	98 0 20	139 79	00 9 0	15 5 03	...	15 5 59	10 5 x2
Caltex Delft	...	...	...	33 226	598 48	0 13 07	98 0 20	149 77	06 9 00	15 x xx	...	05 3 68	11 3 20
Caledoina	...	...	...	33 237	654 08	0 07 05	98 0 20	155 79	00 9 00	15 1 04	...	05 5 57	10 7 x2
Dwarka	...	...	...	33 229	618 18	0 05 08	98 0 03	141 79	00 9 00	75 1 02	...	00 1 68	11 x xx
Borneo	...	...	...	83 232	593 18	0 00 06	99 0 03	050 77	00 9 00	75 1 05	...	05 6 67	10 0 xx
Aenaca	...	...	...	33 252	576 48	2 27 03	98 0 20	128 79	06 9 00	...	...	05 3 70	...
Bay of Bengal													
Mehdi	...	...	...	33 175	090 12	6 11 18	99 0 32	12x 83	13 x xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels											
		Surface	1000 $_{mb}$	900 $_{mb}$	850 $_{mb}$	800 $_{mb}$	700 $_{mb}$	600 $_{mb}$	500 $_{mb}$	400 $_{mb}$	300 $_{mb}$	200 $_{mb}$	150 $_{mb}$	100 $_{mb}$
		PPPTTTT$_d$T$_d$T$_d$			HHHTTTT$_d$T$_d$T$_d$						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 225 205		...	150 142 122	..	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	011 162 055	...	...	149 155 008	...	312 038 998	436 520 990	578 625 995	754 728 995	949 895	212 052	397 108	...
Lahore ...	00 00	992 188 112	...	...	152 125 035	...	313 015 542	435 572 998	575 655 995	741 720 990	...	...	...	...
Multan ...														
Peshawar ...	00 00	975 122 045	...	...	150 168 025	...	316 122 578	442 025 672	587 555 595	760 632 992	975 730	...	...	...
Quetta ...	00 00	836 068 545	...	...	...	...	312 530 990	432 610 990	570 680 990	734 758 995	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels								Max. Height Reached	TROPOPAUSE	
		PPPTTTT$_d$T$_d$T$_d$								PPPTTTT$_d$T$_d$T$_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	800 165 138	800 112 092	772 085 065	...	...	...	...	...	...	772 085 065	...	...
Jiwani ...													
Karachi ...	00 00	900 192 032	800 092 525	...	...	...	...	...	...	...	800 092 525	...	...
Lahore ...	00 00	900 185 068	800 095 502	...	...	...	...	...	...	...	800 095 502	...	...
Multan ...													
Peshawar ...	00 00	809 182 022	900 182 025	800 152 508	...	...	...	...	...	...	800 152 508	...	...
Quetta ...	00 00	800 025 508	770 002 512	...	...	...	...	...	...	...	770 002 512	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St - Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

90 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)								
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	20 06	20 01	15 02	17 06	18 10	20 13	22 21	24 19	...	07 08	07 08	08 05	15 05	...	...	01 06	05 06	05 03	09 03	08 07	21 09	22 23	24 26	...	...	...
Chaklala ...	...	21 02	25 02	28 03	27 07	28 05	31 10	29 16	26 20	...	07 09	31 03	31 08	32 04	29 04	...	15 03	22 03	25 04	22 03	28 04	24 10	28 14	25 15	26 19	...
Chhor ...	05 12	03 10	03 08	01 10	02 12	17 04	28 11	30 17	29 15	07 09	06 08	26 07	01 10	36 15	26 03	05 08	05 09	05 09	05 09	02 15	04 06	27 08	27 15	29 20	28 31	...
Chittagong ...	16 12	15 10	17 10	16 10	16 11	14 13	...	...	...	36 07	35 04	32 02	14 11	13 16	19 18	08 07	07 09	09	36 08	12 01	...	...	...	...	...	...
Cox's Bazar ...	No Ascent									01 00	02 07	14 09	13 13	15 19	15 18	16 07	14 04	04 12	04 11	09	...	...	...	...	...	...
Dacca ...	12 02	12 03	13 02	22 05	18 05	20 09	...	...	...	02 12	02 05	06 01	22 05	22 01	18 09	04 03	34 01	32 03	27 02	28 07	18 09	22 21	24 30	25 29	26 41	25 77
Dalbandin ...	...	...	15 03	04 02	34 09	34 11	30 15	30 24	29 30	...	...	07 07	16 05	32 03	29 09	...	...	...	08 08	17 05	25 06	24 06	30 13	30 16	30 19	28 23	28 27
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	06 05	06 03	02 16	01 31	01 45	...	...	...	24 04	22 07	27 08	...	...	...	...	09 01	34 05	18 04	15 08	23 07	26 15	...
Fort Sandeman ...	...	...	01 01	19 05	23 08	25 09	28 14	29 17	...	...	...	...	12 03	04 05	19 05	...	...	...	27 02	19 07	19 07	24 10	28 17	26 21	28 33	...
Jacobabad ...	12 00	01 01	33 01	24 04	25 07	28 07	29 17	28 18	29 25	05 09	05 06	10 05	19 05	22 06	32 09	11 05	12 04	18 02	36 07	33 08	30 07	29 19	30 24	28 23	28 28	...
Jessore ...	17 05	25 03	22 02	19 05	19 08	19 11	...	...	...	35 05	35 04	22 05	...	...	...	03 03	01 06	01 03	02 03	08 01	20 07	24 27	24 28	...	...	...
Jhelum ...	24 01	27 02	30 04	32 11	29 70	26 04	26 05	25 05	29 09	36 05	32 07	31 10	31 09	30 10	29 06	33 01	18 02	14 02	31 06	28 11	18 01	22 04	26 09	25 13	26 15	...
Jhansi ...	19 07	21 05	14 03	04 02	36 05	01 05	30 08	30 25	30 25	10 04	11 03	17 04	06 03	11 05	32 03	18 02	12 04	12 04	12 07	12 07	13 05	...	...	...	...	...
Karachi ...	10 05	02 05	03 08	03 14	05 09	35 07	29 08	29 19	30 23	...	...	...	...	...	...	07 10	09 11	09 11	06 12	03 14	01 11	...	...	...	...	...
Khanpur ...	35 05	08 03	08 04	06 04	04 03	01 08	34 05	25 09	26 15	08 17	10 13	09 25	08 18	08 07	23 03	10 04	09 04	07 04	05 04	06 12	09 10	31 10	29 14	27 16	29 28	...
Lahore ...	35 08	35 03	35 06	36 10	02 13	08 01	09 04	32 06	33 11	04 03	03 05	35 04	36 04	36 04	31 10	09 01	04 03	03 05	01 06	02 03	19 05	26 02	27 15	27 19	29 21	...
Multan ...	12 02	15 02	15 02	15 07	14 11	33 05	23 10	26 10	27 09	11 06	11 07	04 01	28 02	11 06	...	14 02	12 04	12 04	12 03	14 05	04 02	27 07	27 19	29 26	29 35	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 02	04 04	01 10	32 23	30 17	31 26	...	...	...	27 07	27 02	34 06	...	...	...	23 05	25 05	29 03	25 08	27 14	27 23	27 33	28 51
Peshawar ...	...	04 07	07 06	16 09	21 11	24 04	25 11	25 11	23 15	...	05 02	35 03	36 03	08 04	29 04	...	03 03	08 02	02 05	35 05	05 03	22 07	...	...	...	...
Quetta ...	...	...	...	...	29 02	27 09	13 03	23 08	22 13	...	...	...	...	21 06	29 04	...	...	...	...	22 03	29 11	29 19	29 25	30 37	30 49	30 56
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	07 04	10 04	12 06	12 07	...	...	...	...	...	06 06	08 06	08 05	10 05	17 10	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 10	01 06	01 04	11 03	22 06													
Karachi ...	04 31	04 23	04 18	06 10	02 06	03 17	35 14	28 17	29 14	29 34	28 94	79 52	27 66	78 10	78 12	...	...	...
Peshawar ...	...	24 02	30 04	06 04	10 04	09 03	35 18	31 40	26 38	25 39	...	...	...	...	...	...	...	...
Quetta: ...																		

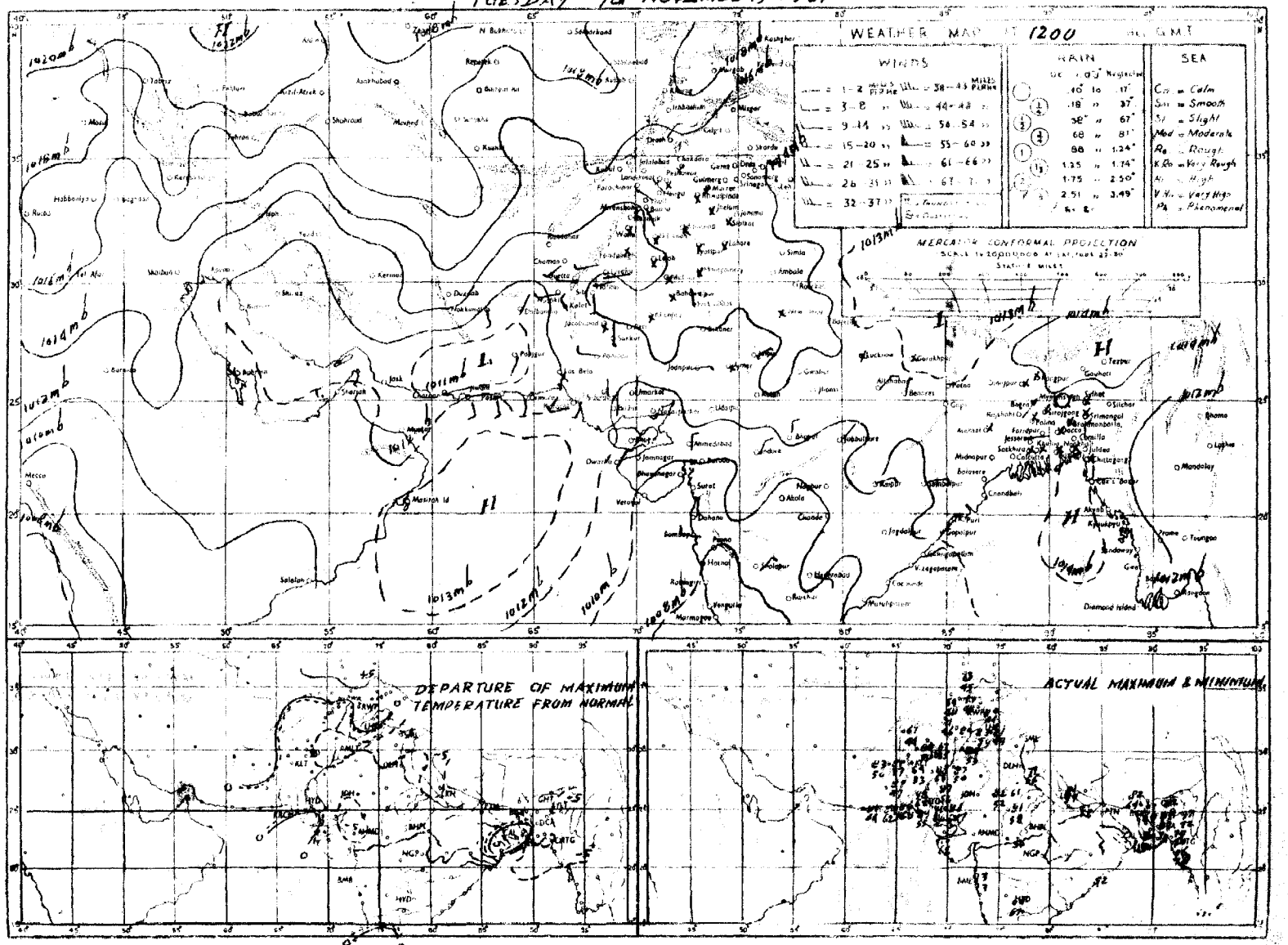
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

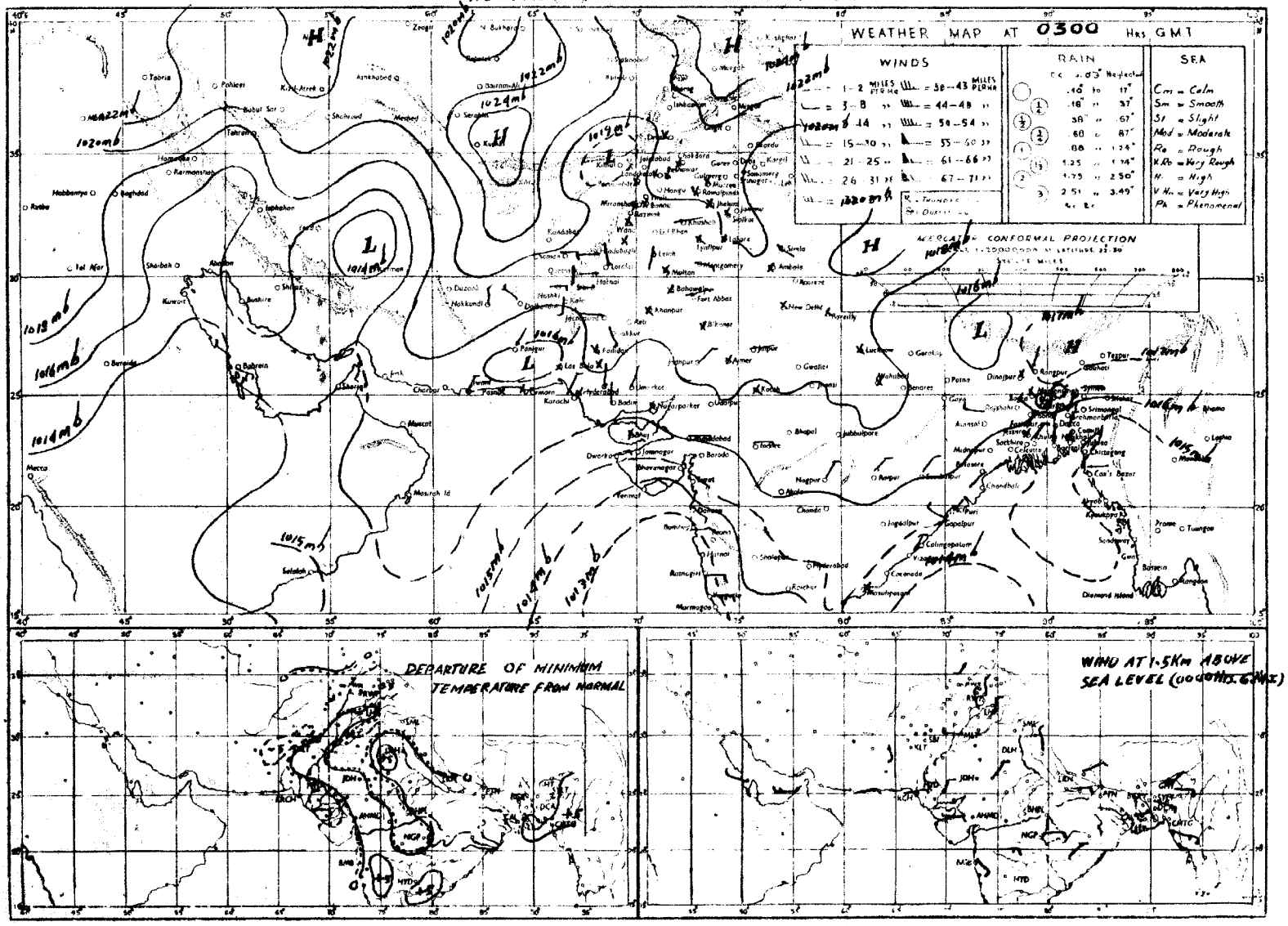
TUESDAY 7th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 9th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave persists in southwest Bay of Bengal.

The westerly low pressure wave over Sub-Himalyan west Bengal is now moving away across Assam.

Rain/thunderstorms have been local in Dacca division and scattered in Chittagong division.

Srimangal recorded 3/4" and Narayanganj ¼" of rainfall.

The feeble western distrubance over north Afghanistan has become unimportant.

A fresh western disturbance lies over central Iran with its trough extending to east Persian Gulf.

Weather remained dry over West Pakistan.

Night temperatures were: 3 to 5 °F below normal in Rawalpindi, Quetta, Hyderabad and Karachi divisions.

Forecast valid until the evening of 10th November, 1961:—Scattered rain/thundershowers are likely to occur in Dacca and Chittagong divisions. Weather will remain elsewhere in the country.

Karachi-11
The 9th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000					xx	00	2	13?	77	9	x	0	x	x	69	81
	Cox's Bazar ...	000	0	8	13	02	xx	02	2	125	75	4	4	5	7	x	71	78
	Chittagong ...	C00	0	2	11	02	xx	01	1	122	76	2	0	8	2	0	69	82
	Maijdee Court ...	000	9	3	00	00	xx	03	0	127	78	3	0	9	3	0	71	82
	Comilla ...	000	0	5	00	00	95	02	2	116	79	5	4	5	0	0	73	85
	Brahmanbaria ...	000	0	6	36	03	xx	17	1	131	75	6	3	5	0	0	70	82
	Sylhet ...	000	0	6	00	00	xx	02	2	127	75	4	8	5	7	0	69	82
	Srimangal ...	000	7	2	13	03	xx	02	1	xxx	75	2	6	4	0	0	70	62
Dacca	Mymensingh ...	007	3	8	00	00	xx	60	6	133	75	8	7	4	x	x	70	83
	Narayanganj ...	004	1	8	00	00	xx	29	9	129	75	8	4	4	x	x	69	86
	Dacca (Tezgaon) ...	000	0	7	09	03	97	03	2	126	74	7	8	5	0	0	70	84
	Faridpur ...	000	0	1	00	00	95	01	1	133	76	1	4	6	0	0	69	83
Khulna	Barisal ...	000	0	4	00	00	97	02	2	135	78	2	7	6	4	0	67	88
	Khulna ...	000	0	4	00	00	xx	01	0	126	80	4	5	6	0	0	71	84
	Satkhira ...	000	0	8	00	00	95	03	1	129	81	5	4	5	3	0	72	88
	Jessore ...	000	0	6	36	02	96	02	2	117	78	4	4	6	6	0	69	83
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	1	132	76	0	0	9	0	0	71	81
	Sirajganj ...	000	0	0	00	00	xx	00	1	126	76	0	0	9	0	0	70	90
	Bogra ...	000	0	1	00	00	xx	01	2	130	77	1	5	6	0	0	71	81
	Dinajpur ...	000	0	0	00	00	xx	00	0	130	78	0	0	9	0	0	67	84
	Rangpur ...	000	0	2	00	00	96	01	1	138	77	2	0	9	2	0	69	83
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	167	74	0	0	9	0	0	53	80
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum ...	000	0	1	27	02	97	02	0	163	72	1	1	7	0	0	48	82
	Rawalpindi ...	000	0	3	27	02	98	01	0	168	70	0	0	9	6	2	45	78
	Campbellpur ...	000	0	0	00	00	98	00	0	159	77	0	0	9	0	0	38	79
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	162	79	0	0	9	0	0	45	83
	Lyallpur ...	000	0	0	00	00	96	00	0	164	79	0	0	9	0	0	39	79
Multan	Montgomery ...	000	0	0	00	00	96	00	0	165	78	0	0	9	0	0	47	78
	Multan ...	000	0	3	00	00	98	02	0	163	79	0	0	9	0	1	44	83
	Leiah ...	000	0	0	23	03	97	00	0	128	80	0	0	9	0	0	36	81
Bahawalpur	Khanpur ...	000	0	4	36	02	96	02	0	157	79	0	0	9	0	1	46	82
	Bahawalpur ...	000	0	0	36	02	98	00	0	158	80	0	0	9	0	0	60	82
	Fort Abbas ...	000	0	0	02	02	98	00	0	167	79	0	0	9	0	0	51	84
Peshawar	Chakdara ...	000	0	0	09	02	97	00	0	162	69	0	0	9	0	0	45	74
	Peshawar ...	000	0	3	00	00	96	05	0	168	71	0	0	9	0	1	47	74
	Haripur ...	000	4	3	09	02	95	02	1	170	73	3	6	6	0	0	39	xx
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	157	74	0	0	9	0	0	47	75
	D. I. Khan ...	000	0	0	00	00	98	00	0	157	80	0	0	9	0	0	59	81
Quetta	Sibi ...	000	6	5	27	02	97	03	1	163	80	0	0	9	0	0	37	85
Kalat	Nokkundi ...	000	0	2	09	03	98	02	1	184	81	0	0	9	0	1	42	82
	Turbat ...	000	0	0	23	02	98	00	0	128	88	0	0	9	0	0	46	90
	Jiwani ...	000	0	2	13	03	97	02	0	155	78	1	5	5	0	1	60	84
	Pasni ...	000	1	2	16	02	98	03	0	148	82	0	0	9	0	2	55	84
Karachi Division	Ormara ...	000	0	1	18	03	97	02	1	147	85	1	0	9	0	1	49	87
	Lasbela ...	...	...	...	...	...	...		...		...	...	...	...	...		...	...
	Karachi (Manora) ...	000	0	0	27	10	98	01	1	135	84	0	0	9	0	0	75	87
	Karachi (Airport) ...	000	0	5	00	00	97	03	0	141	86	0	0	9	0	1	31	89
Hyderabad	Nagarparkar ...	000	0	0	11	02	97	00	0	112	86	0	0	9	0	0	62	88
	Umerkot ...	000	0	0	34	01	98	02	0	131	85	0	0	9	0	0	57	88
	Hyderabad ...	000	0	0	36	02	97	02	0	145	83	0	0	9	0	0	44	87
	Badin ...	000	0	0	36	02	97	00	0	154	85	0	0	9	0	0	37	90
Khairpur	Padidan ...	000	0	2	36	07	97	01	0	150	82	0	0	9	0	8	41	86
	Nawabshah ...	000	0	2	00	00	97	02	0	161	85	0	0	9	0	1	34	85
	Sukkur ...	000	8	0	36	02	97	03	1	153	83	0	0	9	0	0	46	87
	Kashmore ...	000	0	4	00	00	99	02	2	191	83	4	1	6	0	0	37	86
	Jacobabad ...	000	0	4	23	02	97	02	0	159	82	0	0	9	0	2	45	85
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Alimbad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	6	4	27	02	97	01	1	534	47	0	0	9	0	4	34	55
Peshawar	Drosh * ...	000	2	5	23	09	97	03	2	525	66	1	1	7	4	0	25	72
	Cherat * ...	000	0	2	05	07	98	02	1	546	61	0	0	9	0	0	42	72
	Kakul * ...	000	8	3	31	03	98	02	1	544	60	0	0	9	0	4	31	69
	Landikotal * ...	000	0	1	13	03	98	01	0	528	64	0	0	9	0	4	41	69
	Parachinar * ...	000	0	2	13	01	99	00	0	531	60	2	0	9	2	0	25	69
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	531	68	0	0	9	0	0	41	72
	Wana * ...	000	0	0	00	00	99	00	0	509	63	0	0	9	0	0	32	68
Quetta	Fort Sandeman * ...	000	0	1	27	02	99	00	0	535	67	1	0	9	0	4	25	70
	Hindubagh * ...	000	0	0	25	05	97	00	0	509	62	0	0	9	0	0	17	62
	Loralai * ...	000	0	6	11	03	99	00	2	343	61	0	0	9	1	2	52	66
	Harnai * ...	000	0	0	00	00	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	5	31	02	96	02	0	514	65	5	3	5	0	0	31	68
	Chaman * ...	000	0	5	23	03	98	00	0	520	70	5	0	9	2	0	11	71
	Nushki * ...	000	0	4	27	05	98	03	0	555	74	4	0	9	6	0	36	76
	Dalbandin * ...	000	8	6	09	03	98	03	2	533	77	0	0	9	0	6	31	80
Kalat	Kalat * ...	000	0	0	34	03	98	00	0	493	58	0	0	9	0	0	14	75
	Panjgur * ...	000	0	1	23	02	98	02	0	529	76	0	0	9	0	1	33	78
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	000	0	2	18	02	98	01	1	160	75	2	7	5	0	0	73	71	—	—	0.2	—	122.5	—
Cox's Bazar	000	0	7	02	02	97	03	2	142	79	3	4	5	3	0	72	70	— 7	0	0.9	— 1.5	185.4	140
Chittagong	000	0	1	05	05	97	01	1	148	79	1	0	9	1	0	72	68	— 2	0	0.1	— 1.1	170.7	108
Maijdee Court	000	9	0	00	00	97	00	4	152	79	0	0	9	0	0	71	70	— 2	+ 2	0	— 0.9	124.5	115
Comilla	000	0	0	00	00	97	02	0	139	80	0	0	9	0	0	71	68	0	+ 1	0	— 0.7	76.9	94
Brahmanbaria	000	2	4	05	02	97	02	4	153	75	2	5	5	4	0	72	70	—	—	0	— 0.6	65.4	78
Sylhet	000	0	2	09	05	97	03	0	152	76	2	4	6	8	0	68	68	—	—	— 0.1	—	—	—
Srimangal	075	2	5	05	02	94	03	1	xxx	80	0	0	5	5	0	78	65	— 6	+ 3	1.0	+ 0.1	52.1	98
Mymensingh	010	9	0	00	00	97	00	6	158	76	0	0	9	0	0	70	68	— 1	+ 1	0.3	— 0.3	62.1	91
Narayanganj	027	9	1	00	00	97	01	0	153	77	1	5	5	0	0	70	70	+ 1	+ 1	0.3	— 0.4	62.9	74
Dacca (Tezgaon)	000	3	1	00	00	98	02	4	147	76	1	5	6	0	0	68	66	—	—	0	—	81.2	—
Faridpur	000	0	0	05	02	95	05	0	137	76	0	0	9	0	0	70	68	0	+ 1	0	— 0.6	87.9	71
Barisal	000	0	0	00	00	97	02	2	149	79	0	0	9	0	0	72	71	+ 4	+ 3	0	— 0.9	76.5	81
Khulna	000	0	0	00	00	97	00	0	151	79	0	0	9	0	0	70	72	0	+ 5	0	— 0.6	56.5	88
Satkhira	000	0	0	00	00	97	00	0	159	76	0	0	9	0	0	68	65	+ 2	0	0	— 0.4	62.2	65
Jessore	000	0	0	00	00	97	00	0	156	76	0	0	9	0	0	70	64	— 1	— 3	0	— 0.6	59.0	65
Pabna	000	0	0	31	05	98	02	0	155	75	0	0	9	0	0	69	67	—	—	0	—	55.6	59
Sirajganj	000	0	8	00	00	96	02	4	155	70	8	0	9	0	4	69	66	+ 7	+ 1	0.7	+ 0.3	50.0	64
Bogra	000	0	0	36	02	95	43	4	156	68	0	0	9	0	0	67	66	— 2	+ 1	0.3	— 0.3	53.6	69
Dinajpur	000	0	0	00	00	96	00	0	161	75	0	0	9	0	0	75	64	0	+ 1	0	— 0.1	51.7	72
Rangpur	009	0	8	05	05	96	03	1	163	69	8	6	6	x	x	67	66	0	+ 3	0.1	— 0.2	60.2	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	95	10	0	189	55	0	0	9	0	1	49	49	— 6	0	0	0	51.1	19
Sialkot	000	0	0	00	00	99	00	0	181	55	0	0	9	0	0	51	52		0	0	0	35.0	32
Jhelum	000	0	2	00	00	96	03	0	186	54	0	0	9	0	1	43	46	—	—	0	—	34.8	—
Rawalpindi	000	0	1	00	00	96	10	0	200	48	0	0	9	0	4	43	43	— 2	— 3	0	0	52.5	36
Campbellpur	000	0	0	00	00	98	00	0	179	53	0	0	9	0	0	37	41	—	—	0	—	11.8	—
Khushab	000	0	0	00	00	99	00	0	181	55	0	0	9	0	0	51	52	— 2	— 1	0	0	11.1	18
Lyallpur	000	0	0	00	00	96	00	0	190	56	0	0	9	0	0	48	49	— 5	— 1	0	0	13.9	12
Montgomery	000	0	0	00	00	96	02	0	186	56	0	0	9	0	0	49	49	— 9	— 4	0	0	10.1	10
Multan	000	0	0	00	00	98	02	0	xxx	58	0	0	9	0	0	46	52	— 3	— 1	0	0	7.6	7
Leiah	000	0	0	18	02	97	00	0	143	62	0	0	9	0	0	35	45	—	—	0	—	10.6	8
Khanpur	000	0	0	00	00	96	02	0	182	56	0	0	9	0	0	46	50	— 7	— 3	0	0	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	176	65	0	0	9	0	0	52	52	— 5	0	0	0	4.9	6
Fort Abbas	000	0	0	00	00	98	00	0	184	64	0	0	9	0	0	47	53	—	—	0	—	3.1	8
Chakdara	000	0	0	00	00	97	00	0	190	49	0	0	9	0	0	35	44	—	—	0	—	25.3	—
Peshawar	000	0	4	00	00	96	05	0	191	52	0	0	9	0	1	42	49	— 5	— 2	0	0.1	18.1	11
Haripur	000	0	1	23	02	98	01	0	184	55	1	0	9	0	5	35	46	—	—	0	—	28.6	—
Bannu	000	1	3	31	02	99	03	0	187	55	0	0	9	0	3	40	50	—	—	0	—	13.9	11
D. I. Khan	000	0	0	00	00	98	00	0	188	54	0	0	9	0	0	50	50	— 4	— 1	0	0	7.7	9
Sibi	000	2	0	00	00	95	05	4	194	55	0	0	9	0	0	45	52	—	0	0	—	5.6	5
Nokkundi	000	1	2	05	03	98	03	1	168	61	0	0	9	1	0	31	52	—	—	0	—	1.0	2
Turbat	C00	0	0	07	02	98	00	0	159	66	0	0	9	0	0	28	xx	—	—	0	—	11.3	—
Jiwani	000	0	0	02	02	97	02	0	170	69	0	0	9	0	0	59	65	—	—	0	—	3.8	6
Pasni	000	0	0	29	02	97	00	0	173	65	0	0	9	0	0	59	60	— 3	— 3	0	0	5.4	6
Ormara	000	0	0	00	00	96	00	0	158	62	0	0	9	0	0	57	59	—	—	0	0	9.9	6
Lasbela	000	0	0	00	00	98	00	0	161	63	0	0	9	0	0	47	62		—	0	—	9.1	8
Karachi (Manora)	000	0	0	02	14	96	02	0	162	66	0	0	9	0	0	51	62	0	— 7	0	— 0.1	9.8	8
Karachi (Airport)	000	0	0	02	02	96	02	1	165	68	0	0	9	0	0	53	57	—	—	0	—	24.6	—
Nagarparkar	000	0	0	00	00	97	00	0	157	69	0	0	9	0	0	51	xx	—	—	0	—	37.3	—
Umerkot	000	0	0	02	02	97	02	0	159	59	0	0	9	0	0	46	54	—	—	0	—	18.1	—
Hyderabad	000	0	0	00	00	97	02	0	174	66	0	0	9	0	0	45	60	— 4	— 2	0	0	12.9	7
Badin	000	0	0	36	02	97	00	0	150	58	0	0	9	0	0	57	55	— 3	— 7	0	0	14.8	9
Padidan	000	0	0	31	02	97	02	0	180	53	0	0	9	0	0	45	49	—	—	0	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	189	60	0	0	9	0	0	46	51	—	—	0	—	9.3	—
Sukkur	000	3	0	16	02	95	05	0	177	66	0	0	9	0	0	44	60	—	—	0	—	2.2	4
Kashmore	000	0	0	00	00	99	00	2	192	65	0	0	9	0	0	38	53	—	—	0	—	1.8	—
Jacobabad	000	0	0	00	00	97	02	0	184	62	0	0	9	0	0	46	57	— 4	+ 2	0	0	8.5	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Alimbad																							—
Gilgit																							5
Murree	000	9	2	05	05	98	01	1	535	46	0	0	9	0	4	20	38	— 4	— 5	0.1	— 0.1	69.3	59
Drosh	000	1	5	00	00	97	03	2	557	46	5	0	9	4	0	29	45	+ 5		0	—	23.0	18
Cherat	000	0	0	05	07	98	00	0	418	55	0	0	9	0	0	35	45	+ 3	0	0.5	+ 0.4	33.9	29
Kakul	000	2	1	34	02	99	01	0	539	52	0	0	9	0	1	27	46	—	— 6	0	—	36.3	—
Landikotal	000	0	0	00	00	98	03	0	515	48	0	0	9	0	4	38	41	—	—	0.1	—	13.2	—
Parachinar	000	0	0	00	00	99	00	0	562	41	0	0	9	0	0	25	40	+ 2	— 1	0.1	—	29.3	29
Miranshah	000	0	2	00	00	99	02	3	512	51	4	4	9	0	0	29	46	—	—	0	0	7.7	13
Wana	000	0	7	00	00	99	00	1	513	44	7	0	0	0	9	22	37	—	—	0	—	11.3	11
Fort Sandeman	000	0	0	00	00	98	01	0	551	44	0	0	9	0	0	22	42	— 5	— 2	0	0	11.2	11
Hindubagh	000	0	0	27	02	97	00	0	551	39	0	0	9	0	0	39	20	—	—	0	—	5.8	—
Loralai	000	0	0	27	03	99	00	0	329	41	0	0	9	0	0	34	30	—	—	0	—	5.6	9
Harnai	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.1	34.7	14
Quetta	000	0	0	00	00	96	00	0	549	42	0	0	9	0	0	07	27	—	— 9	0	0	6.2	9
Chaman	000	0	0	09	05	98	00	0	532	54	0	0	9	0	0	08	46	0	+ 1	0	0	6.3	8
Nushki	000	0	0	09	19	98	02	0	561	64	0	0	9	0	0	47	57	—	—	0	—	3.8	—
Dalbandin	000	9	4	05	02	98	03	1	505	45	0	0	9	0	0	03	41	0	— 4	0	0	2.7	4
Kalat	000	0	0	20	05	98	00	0	561	38	0	0	9	0	0	25	33	+ 10	+ 1	0	0	12.9	7
Panjgur	000	0	0	05	02	98	02	0	520	51	0	0	9	0	0	29	48	— 2	0	0	—	5.0	5
Kabul																							
Kandhar																							12

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V$_s$ a PP	8 $N_sC_hh_sh_s$	OT,$T_sT_dT_dT_d$	Id$_w$ d$_w$ P$_w$ H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Barnes	43 243	585 00	0 00 00	99 0 00	042 77	00 9 03	75 4 00	...	05 8 68	10 0 xx
Bangkolis	43 241	627 06	2 26 02	98 0 30	176 79	00 9 03	66 2 20	...	05 4 63	12 6 20
Bangkolis	43 248	607 12	2 14 05	98 0 20	150 77	14 4 01	66 7 12	...	05 1 65	11 4 21
Shimanemaru	43 106	598 13	6 05 17	97 0 12	090 84	42 4 23	67 7 20	...	00 2 77	...
Celsax Delft	43 189	579 42	2 10 10	98 0 30	215 81	11 4 40	55 x xx	...	05 1 48	11 0 21
Chunaekod	43 085	710 38	3 09 13	98 0 21	109 83	32 4 00	65 4 00	...	05 3 77	10 9 22
Roehiah	43 075	730 38	7 25 08	98 0 32	105 82	51 5 13	66 9 04	...	05 1 72	11 5 21
Sarsura	43 170	651 48	1 03 09	98 0 20	131 80	11 4 xx	76 2 08	...	00 0 66	10 3 21
Celsax Delft	43 178	570 48	2 10 11	98 0 20	191 79	9x 4 xx	55 x xx	...	29 1 70	11 0 22
Caledonea	43 238	672 19	0 05 09	98 0 20	152 75	00 9 03	35 0 00	...	05 7 58	10 5 x3
Bay of Bengal										11 1 43
Eastern Maid	42 202	891 00	8 10 16	93 0 22	115 79	83 x x0	34 4 03	...	05 1 77	10 6 22
Tokeimaru	43 140	853 18	3 06 12	98 2 51	115 68	41 4 10	38 0 1	...	00 0 76	

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb HHHTTTdTdTd	600mb	500mb	400mb	300mb	200mb HHHTTT	150mb	100mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	012 215 198		...	148 125 085	...	309 032 998	433 518 992	575 625 995	...	...	...	...	...
Dacca ...														
Jiwani ...	00 00	012 145 072	124 195 068	...	150 135 995	...	310 020 990	433 562 992	583 638 995	740 735 998	944 898	211 060	390 150	...
Karachi ...	00 00	992 192 105		...	148 090 070	...	311 502 995	433 588 995	573 652 998	...	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...	00 00	935 102 032	MISDA	...	..	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHIT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 165 115	...	...	...	...	...	...	...	...	900 165 115	...	...
Dacca ...													
Jiwani ...	00 00	900 160 xxx	800 100 xxx	350 810 xxx	250 970 xxx	128 210 xxx	...	...	...	...	128 210 xxx	...	...
Karachi ...	00 00	900 165 128	800 058 995	...	...	...	...	...	...	...	800 058 995	...	...
Lahore ...													
Multan ...													
Peshawar ...													
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

PPP$_s$—Pressure in hundred cens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																										
Chaklala ...	03 07	01 06	35 05	31 03	26 06	23 08	...	...	...	...	...	...	...	...	...	35 05	...	...	...	...	...	...	...	...	...	...
Chitor ...	36 05	26 03	27 02	35 03	33 03	22 02	29 07	25 12	15 16	...	...	...	...	...	...	05 05	04 03	32 05	31 04	32 01	16 01	30 08	29 13	...	...	...
Chittagong ...	13 07	12 07	10 05	09 07	12 07	...	...	...	...	07 21	07 14	07 12	03 09	01 17	02 23	05 04	09 04	04 10	03 12	01 09	27 09	28 21	27 27	27 31	28 51	27 62
Cox's Bazar ...	08 07	08 07	09 09	...	...	...	...	...	...	05 06	08 02	14 03	14 07	12 06	21 11	08 01	08 03	14 03	15 04	17 06	23 10	26 16	...	...	...	...
Dacca ...	12 02	12 03	13 02	22 03	18 05	20 09	...	...	...	13 04	15 04	13 05	12 06	11 06	...	15 02	14 05	09 10	14 09	19 14	23 04	...	...	...	...	...
Dalbandin ...	...	...	10 01	28 03	25 08	25 09	27 10	28 17	28 21	33 05	31 02	24 02	19 02	18 03	23 13	33 07	34 05	33 02	xx xx	23 04	22 23	25 24	xx xx	xx xx	27 51	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	08 06	21 05	23 07	28 09	...	...	08 05	20 04	22 06	25 07	26 08	29 15	30 20	29 24	26 28
Drosh ...	...	...	...	...	22 13	25 11	31 10	...	...	...	...	...	27 01	28 02	30 03	...	...	...	...	06 03	36 08	10 03	02 04	26 03	...	...
Fort Sandeman ...	...	...	24 06	22 08	23 04	27 15	29 25	30 32	...	...	...	...	20 02	26 06	34 03	...	...	23 03	24 05	27 03	31 07	27 17	29 24	...	...	...
Jacobabad ...	19 03	13 02	05 00	35 03	35 09	34 17	28 17	29 19	28 20	05 06	33 06	0 04	14 01	34 02	33 11	09 02	05 02	04 02	30 02	36 06	34 15	29 13	29 15	29 19	29 35	27 38
Jaipore ...	34 06	34 07	34 09	32 04	...	...	...	...	...	02 06	03 05	03 07	02 04	33 06	21 0x	35 07	35 09	01 07	...	...	...	...	...	...	...	...
Jhelum ...	29 04	30 04	32 05	32 91	01 06	12 01	28 04	26 10	25 12	30 05	32 09	32 10	34 08	34 08	34 03	31 03	32 07	32 08	31 06	31 03	24 01	27 03	29 09	29 11	...	...
Jiwani ...	15 11	17 09	17 06	09 08	11 03	16 02	26 14	29 23	29 29	25 03	22 05	10 04	12 11	12 06	14 07	36 05	14 03	14 06	15 09	15 06	16 10	19 09	22 15	26 19	26 42	...
Karachi ...	05 10	04 09	03 07	03 10	03 07	28 18	27 22	26 28	...	06 10	08 15	08 13	05 13	06 14	03 12	28 14	28 17	28 16	...	...	...	...	...	...	...	...
Khanpur ...	01 09	01 09	06 07	06 04	05 08	29 09	27 19	29 30	...	06 11	08 17	10 17	04 10	33 06	03 08	03 06	08 05	06 07	07 10	35 09	30 09	31 15	30 13	...	...	...
Lahore ...	35 05	37 06	01 07	36 09	01 11	35 07	30 06	24 05	26 08	32 08	31 09	32 11	13 15	34 12	33 10	33 04	32 10	32 10	33 10	34 09	01 10	26 04	28 08	30 13	...	...
Multan ...	07 05	06 05	07 05	11 08	14 09	22 03	28 10	27 17	28 20	10 11	11 07	13 02	27 06	34 06	04 13	16 03	15 05	15 05	19 02	29 03	01 04	33 06	28 13	27 25	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjur ...	...	...	25 13	24 09	22 04	36 04	19 15	28 19	...	...	...	...	14 03	18 03	32 04	...	...	...	21 10	23 09	18 05	30 09	29 07	29 11	26 23	26 39
Peshawar ...	...	05 05	09 03	17 01	21 06	30 05	26 01	26 08	25 11	...	...	...	...	...	...	...	04 03	18 01	31 05	32 09	31 10	34 10	...	...	...	...
Quetta ...	...	...	...	...	18 05	23 04	21 18	26 39	27 57	...	...	...	...	27 01	30 04	...	...	...	...	19 04	23 06	26 12	27 19	29 24	28 31	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	03 04	13 07	15 04	23 07	23 16	...	...	...	...	07 05	06 03	09 03	20 05	19 07	22 17	16 01	17 01	14 01	27 05	23 10	24 19	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	02 02	07 01	25 02	25 02	26 02	26 04	27 27	28 35	28 23	...	...	...	...	...	...	...	...	...
Karachi ...	04 23	08 23	06 17	06 11	05 13	05 22	31 11	26 77	30 43	27 37	27 50	27 91	27 91	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

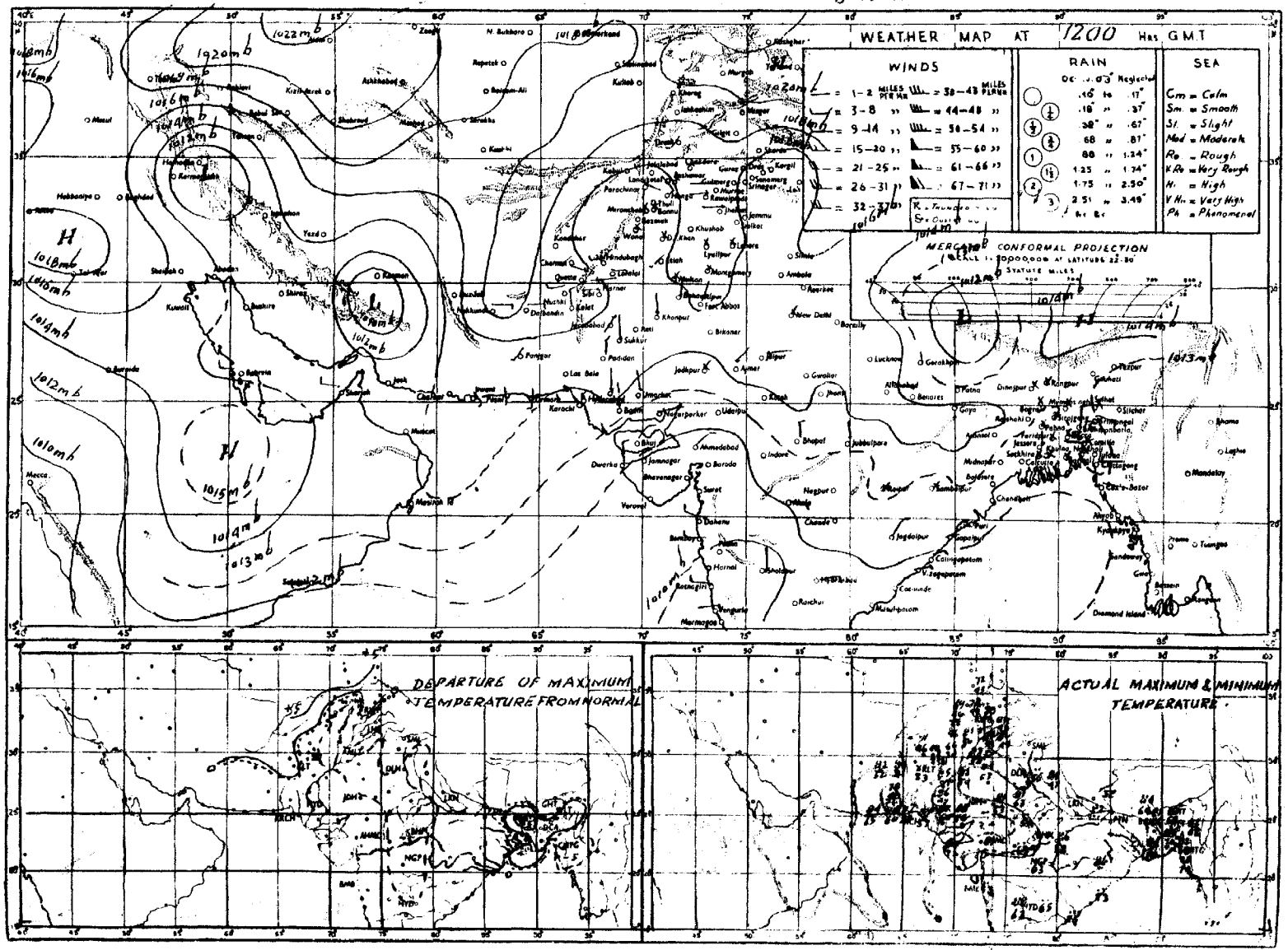
Cloud observation Data (GGiii Cdd V_rV_r etc.)

04 212 02 627
06 598 03 2xx

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

PAKISTAN DAILY WEATHER MAP

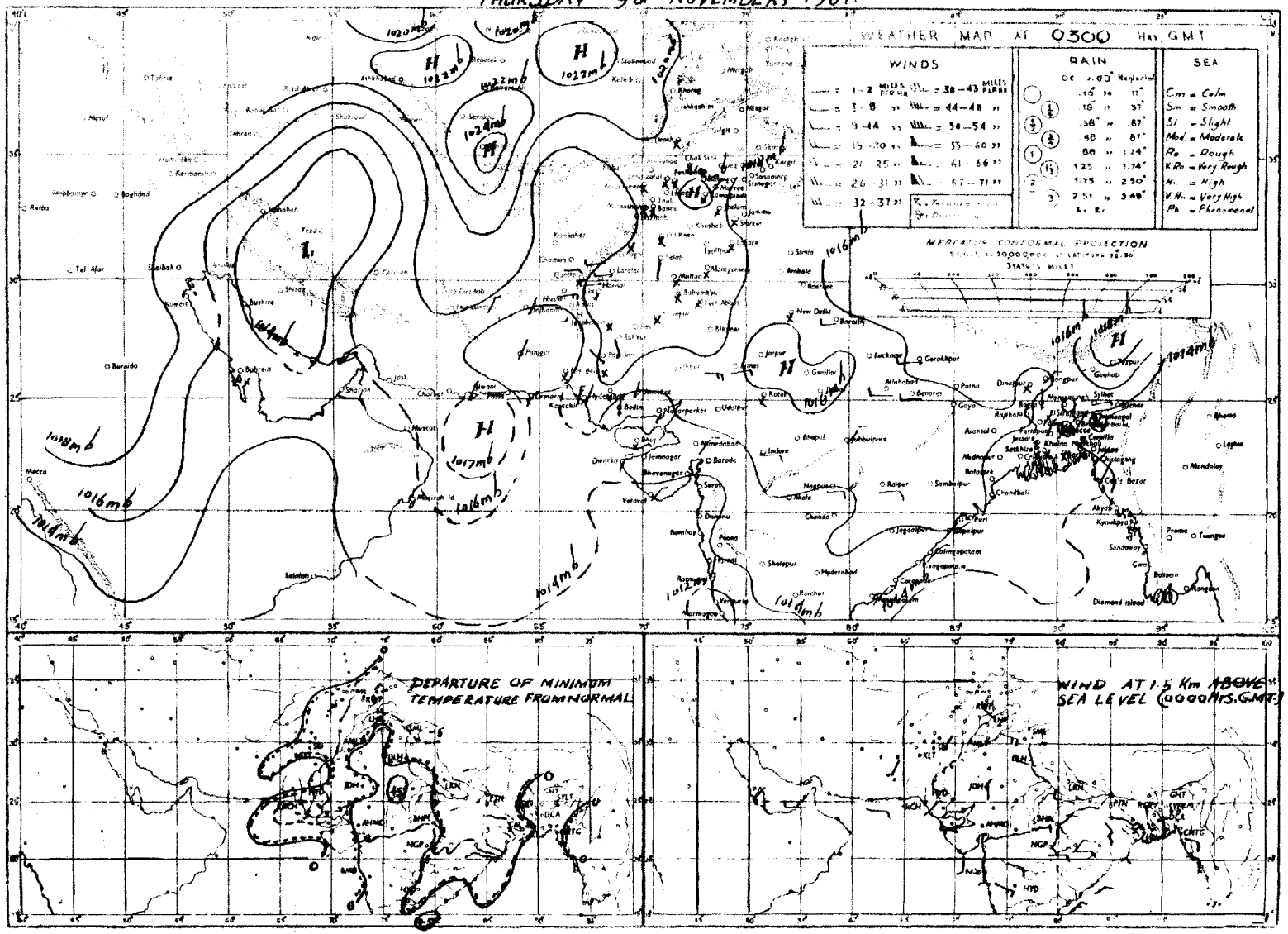
WEDNESDAY 8th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 9th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 10th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance now lies over southeast Iran and adjoining Quetta and Kalat divisions.

The low pressure area in the southwest Bay of Bengal persists.

The westerly low pressure wave over Assam moved away.

Weather remained dry over the country.

Night temperatures were: 3 to 5 °F below normal in Rawalpindi, Sargodha, Hyderabad and Karachi divisions.

Forecast valid until the evening of 11th November, 1961:—Scattered thunderstorm/showers will occur in Peshawar, D. I. Khan, Quetta and Kalat divisions and in Kashmir with isolated snowfall in Quetta hills.

Karachi-11
The 10th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	0	36	05	xx	00	1	126	79	0	0	9	0	0	66	85
	Cox's Bazar ...	000	0	6	00	00	xx	01	2	113	79	1	5	5	3	0	73	84
	Chittagong ...	000	0	1	31	20	xx	01	1	116	78	1	0	7	1	0	70	86
	Maijdee Court ...	000	9	3	18	02	xx	03	0	123	80	3	2	7	0	0	71	86
	Comilla ...	000	0	1	00	00	95	01	0	107	79	1	5	7	0	0	72	86
	Brahmanbaria ...	000	0	0	00	00	xx	00	1	127	80	0	0	9	0	0	71	83
	Sylhet ...	000	0	0	00	00	xx	02	1	124	77	0	0	9	0	0	69	83
	Srimangal ...	000	0	0	00	00	xx	00	0	xxx	75	0	0	9	0	0	70	86
Dacca	Mymensingh ...	000	0	0	00	00	xx	00	0	130	75	0	0	9	0	0	67	84
	Narayanganj ...	000	9	1	00	00	xx	03	1	121	70	1	5	4	0	0	70	85
	Dacca (Tezgaon) ...	000	0	1	00	00	97	02	1	116	76	1	1	6	0	0	67	86
	Faridpur ...	000	0	0	07	02	95	05	0	124	77	0	0	9	0	0	68	82
Khulna	Barisal ...	000	0	3	00	00	97	02	2	123	81	3	7	6	0	0	71	84
	Khulna ...	000	0	0	00	00	xx	00	0	120	79	0	0	9	0	0	69	83
	Satkhira ...	000	0	6	00	00	96	03	1	121	80	4	4	7	3	x	77	84
	Jessore ...	000	0	4	36	02	97	02	2	122	78	2	4	6	6	0	69	86
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	0	130	76	0	0	9	0	0	72	81
	Siraiganj ...	000	0	0	00	00	xx	00	0	122	76	0	0	9	0	0	70	90
	Bogra ...	000	0	0	00	00	xx	02	0	125	75	0	0	9	0	0	70	80
	Dinajpur ...	000	0	0	00	00	xx	00	0	128	79	0	0	9	0	0	67	82
	Rangpur ...	000	0	0	00	00	96	01	0	131	75	0	0	9	0	0	69	81
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	95	05	0	147	76	0	0	9	0	0	51	80
	Sialkot ...	000	0	0	00	00	97	00	0	130	71	0	0	9	0	0	51	80
Rawalpindi	Jhelum ...	000	0	2	31	03	97	02	0	135	75	0	0	9	0	1	46	82
	Rawalpindi ...	000	0	1	27	02	98	00	0	144	68	0	0	9	0	1	45	76
	Campbellpur ...	000	0	0	00	00	98	00	0	129	76	0	0	9	0	0	43	78
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	140	79	0	0	9	0	0	42	83
	Lyallpur ...	000	0	0	00	00	96	00	0	151	81	0	0	9	0	0	46	81
Multan	Montgomery ...	000	0	0	00	00	96	00	0	146	78	0	0	9	0	0	51	84
	Multan ...	000	0	3	00	00	98	01	1	146	78	0	0	9	0	1	43	85
	Leiah ...	000	0	0	18	02	97	00	0	128	80	0	0	9	0	0	36	81
Bahawalpur	Khanpur ...	000	0	2	00	00	96	03	0	144	78	0	0	9	0	1	51	84
	Bahawalpur ...	000	0	0	00	00	98	00	0	131	81	0	0	9	0	0	67	85
	Fort Abbas ...	000	0	0	27	02	98	00	0	144	77	0	0	9	0	0	50	81
Peshawar	Chakdara ...	000	0	0	00	00	97	00	0	125	67	0	0	9	0	0	42	73
	Peshawar ...	000	0	2	00	00	97	05	1	143	71	0	0	9	0	1	49	76
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	137	75	0	0	9	0	0	48	76
	D. I. Khan ...	000	0	0	00	00	98	00	0	137	78	0	0	9	0	0	59	81
Quetta	Sibi ...	000	6	6	18	02	98	03	1	139	81	0	0	9	0	3	36	81
Kalat	Nokkundi ...	000	8	1	16	03	98	01	1	155	81	0	0	9	0	0	42	84
	Turbat ...	000	0	0	27	04	98	00	0	140	87	0	0	9	0	0	38	91
	Jiwani ...	000	0	1	16	03	97	01	0	144	80	0	0	9	0	0	51	83
	Pasni ...	000	4	4	16	05	98	03	0	139	83	0	0	9	0	2	58	86
Karachi Division	Ormara ...	000	0	0	18	05	97	02	1	138	84	1	0	9	0	1	42	86
	Lasbela ...	000	0	0	00	00	98	00	0	136	92	0	0	9	0	0	62	93
	Karachi (Manora) ...	000	0	3	27	12	98	01	1	126	85	0	0	9	0	1	76	88
	Karachi (Airport) ...	000	0	0	09	05	96	01	0	131	85	0	0	9	0	0	36	88
Hyderabad	Nagarparkar ...	000	0	0	00	00	97	00	0	125	83	0	0	9	0	0	62	88
	Umerkot ...	000	0	1	36	02	98	02	0	123	85	0	0	8	0	4	57	88
	Hyderabad ...	000	0	0	05	02	97	02	0	137	82	0	0	9	0	0	50	87
	Badin ...	000	0	0	36	02	97	00	0	122	85	0	0	9	0	0	41	89
Khairpur	Padidan ...	000	0	3	36	03	99	03	0	144	81	0	0	9	0	4	43	84
	Nawabshah ...	000	0	4	36	02	97	03	0	142	83	4	0	9	0	1	40	85
	Sukkur ...	000	6	0	36	03	97	02	0	141	81	0	0	9	0	0	48	84
	Kashmore ...	000	0	0	00	00	99	00	0	146	84	0	0	9	0	0	42	86
	Jacobabad ...	000	0	1	00	00	97	02	0	144	83	0	0	9	0	1	40	85
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	9	3	29	02	97	01	1	521	48	0	0	9	0	0	35	58
Peshawar	Drosh * ...	000	8	5	00	00	97	03	2	511	66	3	2	7	4	0	33	73
	Cherat * ...	000	0	0	05	07	98	00	1	498	67	0	0	9	0	0	40	68
	Kakul * ...	000	8	1	18	03	98	01	1	525	61	0	0	9	0	1	30	69
	Landikotal * ...	000	0	0	00	00	98	00	0	510	66	0	0	9	0	0	43	70
	Parachinar * ...	000	0	2	13	01	99	00	0	531	62	2	0	9	2	0	21	66
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	504	70	0	0	9	0	0	35	73
	Wana * ...	000	0	0	00	00	99	00	0	509	65	0	0	9	0	0	25	68
Quetta	Fort Sandeman * ...	000	0	3	27	01	99	03	0	526	69	3	0	9	0	4	18	74
	Hindubagh * ...	000	0	6	25	07	97	00	0	505	64	0	0	7	0	2	01	64
	Loralai * ...	000	0	5	18	02	99	00	2	314	62	0	0	9	1	1	49	67
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	5	00	00	96	02	0	512	64	5	1	5	0	0	23	67
	Chaman * ...	000	0	6	31	03	98	02	1	511	70	6	0	9	2	0	03	74
	Nushki * ...	000	0	5	27	05	98	03	0	553	75	5	0	9	3	0	48	80
	Dalbandin * ...	000	8	6	13	03	98	03	2	529	80	0	0	9	0	6	32	83
Kalat	Kalat * ...	000	0	0	34	05	98	00	0	502	58	0	0	9	0	0	19	65
	Panjgur * ...	000	0	1	23	02	98	02	0	516	76	0	0	9	0	1	39	77
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of: Maximum Temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	4	36	05	98	01	2	163	75	3	2	5	8	0	70	72	—	—	0.2	—	122.5	—
	Cox's Bazar	000	0	4	16	02	97	01	2	147	83	4	8	5	0	0	73	73	— 1	+ 3	0.9	— 1.1	185.4	140
	Chittagong	000	0	2	05	02	96	02	0	155	81	1	0	9	1	2	73	71	+ 2	+ 3	0.1	— 1.2	170.7	108
	Maijdee Court	000	9	0	36	02	98	00	0	157	79	0	0	9	0	0	72	70	+ 2	+ 2	0	— 1.0	124.5	115
	Comilla	000	0	1	00	00	97	02	0	149	78	1	5	8	0	0	72	69	+ 1	+ 2	0	— 0.8	76.9	94
	Brahmanbaria	000	0	2	05	02	97	01	1	162	77	2	5	5	0	0	72	69	—	—	0	— 0.7	65.4	78
	Sylhet	000	0	[illegible]	09	09	97	02	0	160	77	1	2	6	0	0	68	65	—	—	0.1	—	—	—
	Srimangal	000	0	0	16	02	96	00	0	xxx	80	0	0	9	0	0	70	65	— 2	+ 1	1.0	0	52.1	98
Dacca	Mymensingh	000	0	0	31	02	97	00	0	169	73	0	0	9	0	0	70	64	0	— 3	0.3	— 0.3	62.1	91
	Narayanganj	000	9	0	00	00	97	00	0	162	79	0	0	9	0	0	69	69	0	0	0.3	— 0.5	62.9	74
	Dacca (Tezgaon)	000	0	0	34	02	97	02	0	159	75	0	0	9	0	0	70	64	—	—	0	—	81.2	—
	Faridpur	000	0	0	02	03	95	05	0	157	76	0	0	9	0	0	65	65	— 1	— 2	0	— 0.7	87.9	71
Khulna	Barisal	000	0	0	05	02	97	02	2	163	78	0	0	9	0	0	71	70	0	+ 2	0	— 0.9	76.5	81
	Khulna	000	0	0	00	00	96	00	0	166	77	0	0	9	0	0	69	68	— 1	+ 2	0	— 0.6	56.5	68
	Satkhira	000	0	0	00	00	97	00	0	173	77	0	0	9	0	0	68	66	— 2	+ 1	0	— 0.5	62.2	65
	Jessore	000	0	0	36	03	97	00	0	166	73	0	0	9	0	0	68	64	+ 2	— 3	0	— 0.6	59.0	65
Rajshahi	Pabna	000	0	0	31	05	98	02	0	169	74	0	0	9	0	0	69	65	—	—	0	—	55.6	59
	Siraiganj	000	0	0	00	00	98	00	0	166	76	0	0	9	0	0	68	64	+ 7	— 1	0.7	+ 0.2	50.0	64
	Bogra	000	0	0	05	05	96	02	0	168	75	0	0	9	0	0	69	66	— 3	+ 1	0.3	— 0.3	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	171	77	0	0	9	0	0	66	62	— 2	— 1	0	— 0.1	51.7	72
	Rangpur	000	0	1	05	02	96	01	4	175	74	1	0	9	1	0	69	66	— 2	+ 3	0.1	— 0.2	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	186	55	0	0	9	0	1	49	48	— 6	— 1	0	0	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	186	62	0	0	9	0	0	49	50	— 4	— 2	0	0	35.0	32
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	185	53	0	0	9	0	0	43	43	—	—	0	—	34.8	—
	Rawalpindi	000	0	0	00	00	96	10	0	202	47	0	0	9	0	0	44	44	— 4	— 2	0	— 0.1	52.5	36
	Campbellpur	000	0	0	00	00	98	00	0	182	63	0	0	9	0	0	40	41	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	184	52	0	0	9	0	0	46	48	— 2	— 5	0	0	11.1	15
	Lyallpur	000	0	0	00	00	94	05	4	185	56	0	0	9	0	0	52	47	— 3	— 3	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	97	00	0	204	53	0	0	9	0	0	50	50	— 3	— 3	0	0	10.1	10
	Multan	000	0	3	00	00	98	03	0	181	64	0	0	9	0	1	41	53	— 1	0	0	0	7.6	7
	Leiah	000	0	0	18	01	97	00	0	142	63	0	0	9	0	0	33	47	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	179	59	0	0	9	0	0	46	49	— 5	— 4	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	180	59	0	0	9	0	0	51	51	— 2	— 1	0	0	4.9	6
	Fort Abbas	000	0	0	05	02	98	00	0	185	62	0	0	9	0	0	45	50	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	204	43	0	0	9	0	0	36	42	—	—	0	—	25.3	—
	Peshawar	000	0	0	00	00	97	02	1	195	53	0	0	9	0	0	40	49	— 3	— 2	0	0	18.1	11
	Haripur	000	0	0	25	03	98	00	0	182	55	0	0	9	0	0	38	47	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	188	53	0	0	9	0	0	40	50	—	—	0	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	195	57	0	0	9	0	0	50	51	— 4	0	0	0	7.7	9
Quetta	Sibi	000	0	0	00	00	97	05	0	180	56	0	0	9	0	0	43	52	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	09	03	98	02	0	169	60	0	0	9	0	0	34	57	—	—	0	—	1.0	2
	Turbat	000	0	0	09	03	98	00	0	159	66	0	0	9	0	0	28	xx	—	—	0	—	11.3	—
	Jiwani	000	0	1	36	02	97	03	0	166	65	0	0	9	0	1	58	64	—	—	0	—	3.8	5
	Pasni	000	3	2	29	02	97	02	0	163	64	0	0	9	0	2	49	59	— 1	— 4	0	0	5.4	6
Karachi Division	Ormara	000	0	1	00	00	96	02	0	156	66	1	0	9	0	1	59	60	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	151	67	0	0	9	0	0	41	58	—	—	0	—	9.1	8
	Karachi (Manora)	000	0	0	03	12	95	05	0	158	67	0	0	9	0	0	55	64	+ 1	— 5	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	1	36	02	96	03	0	165	65	0	0	9	0	1	43	58	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	147	72	0	0	9	0	0	57	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	02	97	02	0	156	60	0	0	9	0	0	47	54	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	170	64	0	0	9	0	0	46	60	— 4	— 2	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	163	69	0	0	9	0	0	51	55	— 4	— 7	0	0	14.8	9
Khairpur	Padidan	000	0	0	00	00	97	02	0	174	54	0	0	9	0	0	45	49	—	—	0	—	11.4	—
	Nawabshah	000	0	0	00	00	97	02	0	177	56	0	0	9	0	0	48	52	—	—	0	—	9.3	—
	Sukkur	000	0	0	16	05	96	02	0	172	65	0	0	9	0	0	48	57	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	175	63	0	0	9	0	0	54	52	—	—	0	—	1.8	—
	Jacobabad	000	0	0	00	00	97	02	0	174	60	0	0	9	0	0	42	56	— 4	+ 1	0	0	8.3	4
Junagadh	Veraval																						[illegible]	20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	9	0	13	02	97	00	1	538	48	0	0	9	0	0	20	39	— 1	— 4	0.1	— 0.1	69.3	59
Peshawar	Drosh *	000	9	0	00	00	97	02	1	560	46	0	0	9	0	0	27	45	+ 6	0	0	—	23.0	18
	Cherat *	000	0	0	05	02	98	00	0	543	55	0	0	9	0	0	32	48	— 1	— 3	0.5	+ 0.3	33.9	29
	Kakul *	000	0	0	36	02	99	00	0	540	53	0	0	9	0	0	29	47	—	—	0	—	36.3	—
	Landikotal *	000	0	0	00	00	98	00	0	521	48	0	0	9	0	0	35	41	—	—	0.1	—	13.2	—
	Parachinar *	000	0	0	00	00	99	00	0	543	43	0	0	9	0	0	21	41	— 1	0	0.1	—	29.3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	506	47	0	0	9	0	0	36	45	—	—	0	0	7.7	13
	Wana *	000	0	0	00	00	99	00	0	513	51	0	0	9	0	0	17	35	—	—	0	—	11.3	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	01	0	544	50	0	0	9	0	0	20	43	— 4	— 1	0	0	11.2	11
	Hindubagh *	000	0	0	29	02	97	00	0	532	42	0	0	9	0	0	00	29	—	—	0	—	5.8	—
	Loralai *	000	0	0	29	03	99	00	0	330	45	0	0	9	0	0	36	39	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.1	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	542	45	0	0	9	0	0	22	32	—	— 4	0	0	6.2	9
	Chaman *	000	0	0	09	05	98	00	0	528	60	0	0	9	0	0	05	49	+ 3	+ 4	0	0	6.3	8
	Nushki *	000	0	0	27	13	98	02	0	563	66	0	0	9	0	0	50	59	—	—	0	—	3.8	—
	Dalbandin *	000	9	2	00	00	97	03	1	507	48	0	0	9	0	5	23	45	+ 3	0	0	0	2.7	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	562	43	0	0	9	0	0	29	33	0	+ 1	0	0	12.9	7
	Panjgur *	000	0	0	05	02	98	02	0	513	50	0	0	9	0	0	28	47	— 3	— 1	0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lh_lC_MC_H$	D_aV_as PP	8 $N_sC_sh_sh_s$	OT$_a$T$_s$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Resources	53 262	535 00	2 05 18	99 0 16	130 77	00 9 xx	35 6 35	...	00 0 64	10 5 23
Caltex Pernes	53 210	594 36	2 04 08	98 0 21	006 77	10 6 48	05 4 17	...	10 4 70	10 7 22
British Resources	53 274	515 06	3 32 09	98 0 11	153 95	25 3 x1	35 2 15	...	00 0 64	13 2 23
Asia	53 161	530 04	2 05 10	98 0 20	124 79	11 5 08	16 1 06	...	05 2 72	10 5 32
Serenia	53 211	614 12	4 04 09	98 0 30	132 80	11 4 75	76 6 08	...	00 9 64	10 4 22
Herminios	53 174	560 12	3 06 20	98 0 20	090 81	12 8 1x	16 4 00	...	00 0 74	10 6 xx
Dwarka	53 249	653 18	0 31 03	98 0 00	168 79	00 9 01	65 1 02	...	00 4 74	15 x xx
Asia	53 179	873 18	2 05 10	98 0 21	190 79	21 5 xx	16 3 00	...	00 0 21	10 5 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	013 185 172	117 235 999	...	148 135 999	...	311 048 959	435 518 599	578 598 999	746 720 999	951 845	...	...	...
Jiwani ...														
Karachi ...	00 00	011 175 055	121 202 999	...	148 152 535	...	312 030 999	435 558 999	575 638 999	743 748 999	944 870	...	...	...
Lahore ...	00 00	992 182 098	139 xxx xxx	...	151 118 018	...	311 012 999	434 562 999	574 658 999	739 748 999	...		...	...
Multan ...														
Peshawar ...	23 00	995 112 025	...	...	150 148 015	...	314 055 572	434 vxxxxx	580 618 762	747 740 999	952 862	...	...	...
Quetta ...	00 00	935 058 545	...	...	...	...	313 000 999	435 560 999	571 622 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 170 xxx	800 110 xxx	685 050 xxx	626 000 yxx	350 790 xxx	...	...	...	...	350 790 xxx	...	...
Jiwani ...													
Karachi ...	00 00	900 195 015	800 110 xxx	350 810 xxx	250 970 xxx	...	...	...	...	...	250 790 xxx	...	...
Lahore ...	00 00	900 162 012	800 085 515	350 810 xxx	...	...	...	...	...	...	350 810 xxx	...	...
Multan ...													
Peshawar ...	23 00	928 192 062	900 175 052	800 055 572	350 790 xxx	250 960 xxx	...	...	...	...	250 960 xxx	...	...
Quetta ...	00 00	800 050 560	750 050 xxx	730 020 xxx	010 000 999		...	...	...	...	010 000 999	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

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

UPPER WIND DATA*

Height in kms. a.s.l. → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ...	32 06	36 06	01 06	32 05	30 03	28 06	27 22	...	...
Chaldola ...	...	29 05	33 02	05 02	04 01	22 01	30 09	29 16	29 23
Chhor ...	03 06	08 06	02 06	02 09	35 07	29 08	27 15	28 24	27 32
Chittagong ...	32 08	03 05	05 04	15 04	17 06	18 07	24 13	...	...
Cox's Bazar ...	35 05	01 03	09 06	14 09	...	...	...	...	...
Dacca ...	32 12	33 10	33 07	36 04	32 05	24 21	27 24	...	...
Dalbandin ...	...	...	15 05	21 04	24 06	24 07	25 08	29 13	28 18
D.I.k Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	31 02	17 03	15 05	...	...
Fort Sandeman ...	...	...	...	19 01	31 01	35 03	31 09	30 23	29 25
Gwadahar ...	15 02	14 03	14 03	08 03	32 07	34 17	32 09	26 07	27 15
Jacobore ...	35 02	35 09	35 07	32 02	...	...	...	...	...
Jiwani ...	29 05	30 05	30 05	33 03	01 01	36 C2	32 07	29 15	28 21
Jiwani ...	17 04	17 07	17 08	15 07	16 08	18 C4	26 13	25 21	26 29
Karachi ...	07 10	08 09	07 09	04 08	04 09	03 08	27 19	28 24	28 27
Khanpur ...	04 02	06 04	06 04	09 C6	07 04	02 11	32 08	28 12	28 16
Lahore ...	33 03	34 07	32 08	35 06	02 08	29 08	29 11	27 21	27 21
Multan ...	17 04	17 03	18 03	25 02	34 04	33 C3	30 07	29 17	29 17
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	22 07	21 05	19 03	29 11	25 14	26 19
Peshawar ...	...	07 02	17 02	31 03	24 07	31 10	31 21	33 06	27 11
Quetta ...	...	...	...	...	32 03	32 03	34 07	31 18	29 15
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 04	26 03	24 03	27 09	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. → / STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ...	36 14	35 15	35 15	36 03	36 02	26 05
Chaldola ...	...	06 05	31 02	36 03	33 04	29 02
Chhor ...	xx xx	xx xx	02 06	01 04	22 12	01 10
Chittagong ...	03 11	03 10	04 08	09 03	16 02	18 08
Cox's Bazar ...	10 85	11 07	11 04	08 05	16 04	...
Dacca ...	...	...	...	...	...	21 07
Dalbandin ...	...	...	26 01	24 15	23 16	...
D.I.k Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	17 01	20 03	24 01
Fort Sandeman ...	...	...	...	21 03	23 05	32 07
Gwadahar ...	01 30	28 02	23 05	18 04	31 07	36 15
Jacobore ...	01 15	01 13	36 09	32 06	25 12	25 07
Jiwani ...	36 06	31 08	32 09	31 09	36 04	36 05
Jiwani ...	25 04	17 01	18 08	16 07	19 07	18 09
Karachi ...	...	...	...	...	...	...
Khanpur ...	04 10	12 15	11 08	15 03	22 05	25 07
Lahore ...	29 07	30 08	30 07	32 06	33 06	36 04
Multan ...	16 07	16 07	23 08	27 07	32 03	02 04
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	25 09	19 08	21 06
Peshawar ...	...	08 03	15 03	23 03	25 09	29 15
Quetta ...	...	...	...	...	30 02	32 05
Sharjah ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in kms. a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.6
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	36 12	36 14	36 12	03 05	04 02	27 08	29 15	27 27	27 32	28 43	27 59
Chaldola ...	...	23 03	30 03	31 06	32 03	33 04	28 06	29 09	28 16	28 27	...
Chhor ...	05 08	04 09	04 11	05 10	02 12	01 12	28 14	27 27	...	...	...
Chittagong ...	03 04	03 C2	04 01	20 05	23 10	24 13	26 24	25 32	26 32	26 49	...
Cox's Bazar ...	19 03	17 03	14 04	12 02	25 07	...	...	...	...	...	...
Dacca ...	36 05	02 02	01 01	30 05	26 13	25 17	27 26	27 37	28 47	27 75	...
Dalbandin ...	...	...	21 01	22 09	21 12	21 15	24 12	24 14	24 11	26 17	26 27
D.I.k Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	26 01	29 02	31 03	29 08	27 12	28 11	26 16	...
Gwadahar ...	12 02	23 02	27 01	36 04	36 05	27 08	26 14	27 25	27 29	...	...
Jacobore ...	01 04	02 C9	02 09	30 05	24 15	...	...	...	...	...	...
Jiwani ...	32 03	31 11	30 12	31 06	32 03	09 06	33 02	30 10	28 14	28 23	27 29
Jiwani ...	36 04	01 03	11 05	15 10	15 10	17 12	25 15	24 27	25 30	...	...
Karachi ...	07 17	03 04	04 07	05 12	05 11	31 06	26 23	25 30	26 37	27 39	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	32 04	31 13	30 15	31 04	32 05	34 06	32 06	30 11	29 20	28 30	...
Multan ...	17 09	17 09	18 07	24 05	03 07	03 C7	32 07	26 14	26 25	25 28	27
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 09	24 08	19 10	25 08	24 19	25 14	22 10	24 18
Peshawar ...	...	35 03	34 03	34 04	32 04	32 08	30 06	30 20	29 31	...	...
Quetta ...	...	...	...	...	14 01	30 06	34 08	34 10	33 12	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 03	08 03	11 03	23 01	25 10	25 08	26 21	25 20	26 31	27 38	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. → / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	32 11	35 09	31 06	31 05	19 11	25 12	26 18	26 28	26 33	26 43	26 53	...	...	...	...	...	...	...
Karachi ...	05 14	06 11	04 09	04 11	04 12	04 10	27 19	26 41	27 25	26 45	26 55	26 97	...	...	...	...	...	...
Peshawar ...	...	34 07	08 07	07 05	02 05	33 10	36 14	30 12	28 20	29 44	29 81	29 77	27 78	79 14	78 20	...	...	...
Quetta ...																		

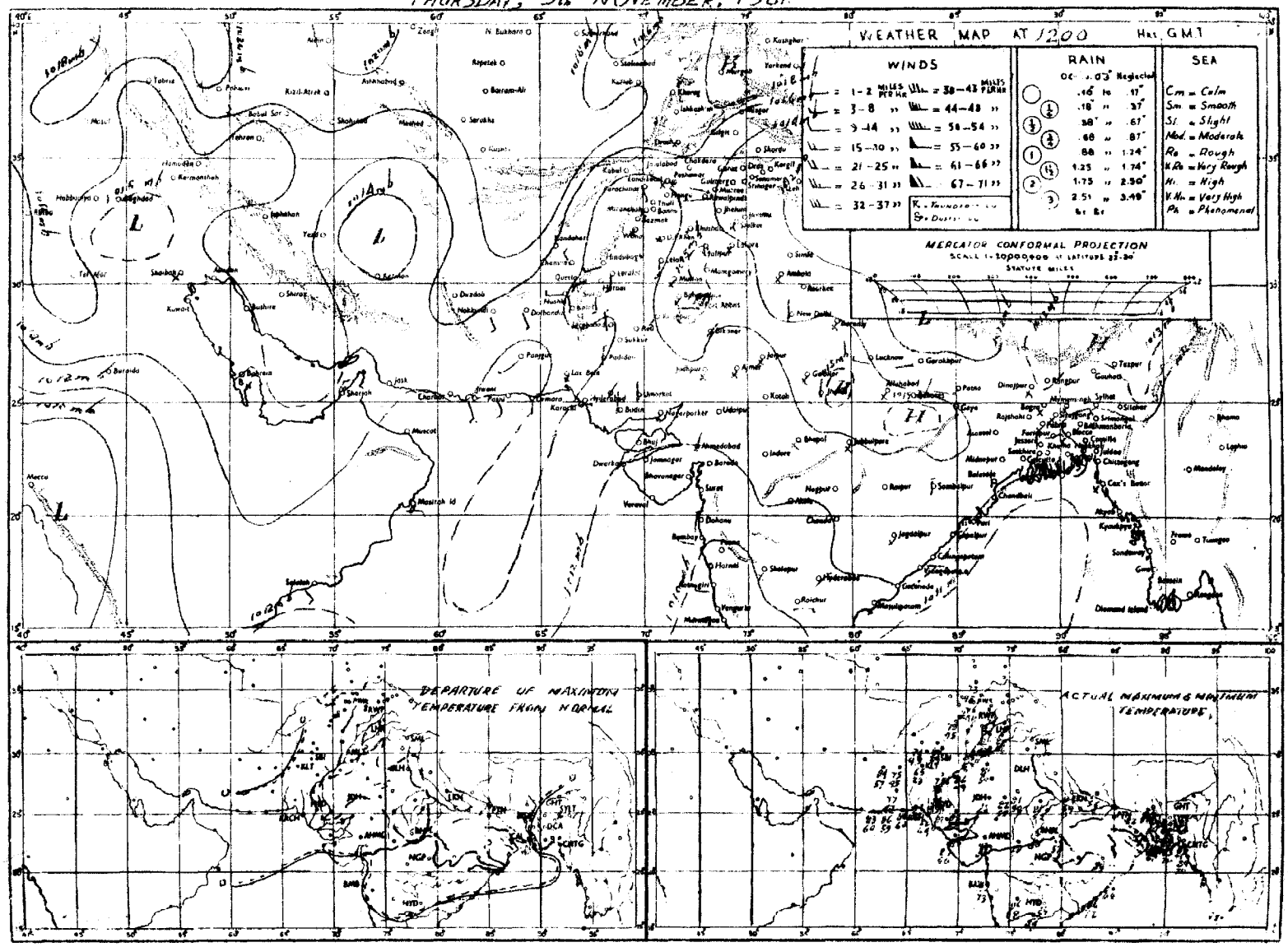
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

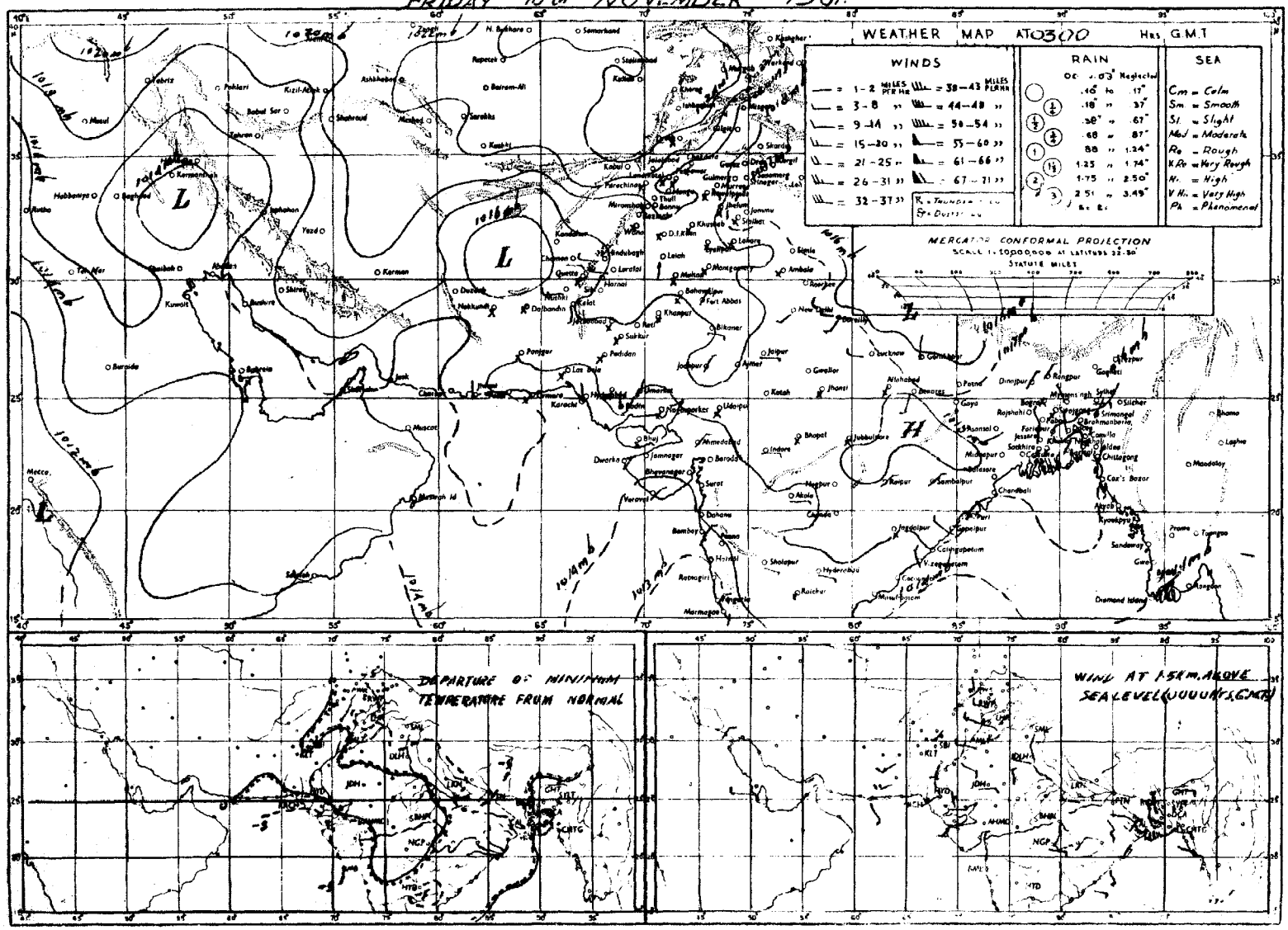
THURSDAY, 9th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 10th NOVEMBER 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 11th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area in southwest Bay of Bengal merged with the seasonal trough of low pressure there.

The western disturbance over southeast Iran has moved to Afgahnistan and neighbourhood. Another lies over north Iran while a third one lies over West Iran.

Weather remained dry over the country.

Night temperatures were: 2-4°F below normal in Rawalpindi, Sargodha and Karachi divisions.

Forecast valid until the evening of 12th November 1961:—Scattered rain/thundershowers are likely to occur in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and in Kashmir.

Weather will be dry elsewhere over the country.

Karachi-11
The 11th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	36	02	xx	00	1	135	81	0	0	9	0	0	71	87
	Cox's Bazar	000	0	5	23	02	xx	01	2	121	80	2	5	5	0	8	73	85
	Chittagong	000	0	1	00	00	xx	01	1	124	79	1	0	9	1	0	72	87
	Maijdee Court	000	9	0	00	00	xx	00	0	125	79	0	0	9	0	0	68	85
	Comilla	000	0	0	00	00	95	02	0	114	79	0	0	9	0	0	68	86
	Brahmanbaria	000	0	0	00	00	xx	00	1	133	74	0	0	9	0	0	66	84
	Sylhet	000	0	0	27	02	xx	02	0	128	75	0	0	9	0	0	65	84
	Srimangal	000	0	0	18	02	xx	00	0	xxx	77	0	0	9	0	0	68	86
Dacca	Mymensingh	000	0	0	00	00	96	02	0	136	80	0	0	9	0	0	69	84
	Narayanganj	000	0	0	00	00	xx	00	0	139	80	0	0	9	0	0	66	84
	Dacca (Tezgaon)	000	0	1	31	02	97	02	0	128	75	0	0	9	0	1	63	85
	Faridpur	000	0	0	00	00	95	05	0	128	79	0	0	9	0	0	67	82
Khulna	Barisal	000	0	0	00	00	97	02	0	130	80	0	0	9	0	0	64	85
	Khulna	000	0	0	00	00	xx	00	0	135	78	0	0	9	0	0	66	83
	Satkhira	000	0	4	00	00	96	03	0	136	80	3	4	7	3	0	69	84
	Jessore	000	0	2	36	02	97	01	1	130	77	2	4	6	6	0	68	85
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	138	75	0	0	9	0	0	67	83
	Sirajganj	000	0	0	00	00	xx	00	0	132	76	0	0	9	0	0	67	84
	Bogra	000	0	0	05	02	xx	02	0	138	76	0	0	9	0	0	70	82
	Dinajpur	000	0	0	00	00	xx	00	0	135	75	0	0	9	0	0	64	84
	Rangpur	000	0	2	00	00	96	01	1	142	75	1	2	6	2	0	69	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	154	74	0	0	9	0	1	50	80
	Sialkot	000	0	0	00	00	97	00	0	146	73	0	0	5	0	0	51	79
Rawalpindi	Jhelum	000	0	1	31	02	98	07	0	146	72	0	0	9	0	1	48	83
	Rawalpindi	000	0	4	27	02	98	01	0	138	69	0	0	9	0	4	45	76
	Campbellpur	000	0	0	00	00	98	00	0	126	78	0	0	9	0	0	40	78
Sargodha	Khushab	000	0	0	00	00	99	00	0	149	79	0	0	9	0	0	42	82
	Lyallpur	000	0	0	00	00	96	00	0	146	80	0	0	9	0	0	41	81
Multan	Montgomery	000	0	0	00	00	96	00	0	153	81	0	0	9	0	0	49	83
	Multan	000	0	3	00	00	98	01	1	151	78	0	0	9	0	1	43	84
	Leiah	000	0	0	23	02	97	00	0	144	80	0	0	9	0	0	44	82
Bahawalpur	Khanpur	000	0	2	00	80	96	03	0	148	80	0	0	9	0	1	49	86
	Bahawalpur	000	0	0	00	00	98	00	0	117	81	0	0	9	0	0	67	83
	Fort Abbas	000	0	0	36	02	98	00	0	162	79	0	0	9	0	0	79	83
Peshawar	Chakdara	000	0	0	00	00	97	00	0	155	67	0	0	9	0	0	42	73
	Peshawar	000	0	6	00	00	96	05	0	149	71	0	0	9	0	2	47	77
	Haripur	000	3	3	16	02	95	02	0	144	78	3	0	9	6	0	64	80
D.I. Khan	Bannu	000	3	3	00	00	99	02	0	143	74	0	0	9	0	3	50	75
	D. I. Khan	000	0	0	00	00	98	00	0	140	77	0	0	9	0	0	59	81
Quetta	Sibi	000	6	6	23	03	98	03	1	148	81	0	0	9	0	3	39	87
Kalat	Nokkundi	000	4	6	27	03	97	03	1	124	79	6	0	9	4	0	42	81
	Turbat	000	0	0	33	03	98	00	0	128	67	0	0	9	0	0	38	90
	Jiwani	000	0	0	16	05	97	02	0	144	80	0	0	9	0	0	17	87
	Pasni	000	7	0	16	05	98	00	0	131	83	0	0	9	0	0	58	84
Karachi Division	Ormara	000	0	0	18	05	97	00	0	137	84	0	0	9	0	0	38	95
	Lasbela	000	0	0	00	00	98	00	0	156	92	0	0	9	0	0	61	95
	Karachi (Manora)	000	0	0	23	10	98	02	0	132	86	0	0	9	0	0	77	89
	Karachi (Airport)	000	0	0	09	05	96	02	0	136	86	0	0	9	0	0	57	89
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	115	85	0	0	9	0	0	63	90
	Umerkot	000	0	0	36	01	98	02	0	125	85	0	0	9	0	0	57	89
	Hyderabad	000	0	0	00	00	97	02	0	138	83	0	0	9	0	0	40	88
	Badin	000	0	0	36	02	97	00	0	148	84	0	0	9	0	0	48	90
Khairpur	Padidan	000	0	4	31	03	97	02	1	145	82	4	0	9	7	0	45	85
	Nawabshah	000	0	1	00	00	97	01	0	151	84	0	0	9	0	1	42	87
	Sukkur	000	0	0	05	02	97	02	0	142	83	0	0	9	0	0	49	85
	Kashmore	000	0	0	00	00	99	00	0	140	84	0	0	9	0	0	28	86
	Jacobabad	000	0	2	13	02	97	02	0	149	82	0	0	9	0	1	41	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	6	4	00	00	97	01	1	521	50	4	0	9	8	0	25	58
Peshawar	Drosh *	000	0	2	00	00	97	03	0	521	62	2	2	7	0	0	35	72
	Cherat *	000	0	0	00	00	98	00	0	507	63	0	0	9	0	0	44	68
	Kakul *	000	8	2	16	03	96	05	1	527	63	2	0	9	4	0	32	69
	Landikotal *	000	0	5	00	00	97	03	0	513	64	0	0	9	0	8	40	68
	Parachinar *	000	0	4	13	01	99	02	0	537	63	4	0	9	4	0	23	67
D.I. Khan	Miranshah *	000	0	2	00	00	99	02	0	525	72	2	4	8	0	0	41	75
	Wana *	000	0	0	00	00	98	00	0	509	66	0	0	9	0	0	23	70
Quetta	Fort Sandeman *	000	0	2	00	00	99	02	0	525	69	0	0	9	0	4	15	74
	Hindubagh *	000	0	7	25	07	97	02	2	484	67	0	0	9	0	2	33	69
	Loralai *	000	0	4	16	03	99	01	1	352	66	2	0	9	1	2	50	70
	Harnai *	000	0	0	00	00	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	3	00	00	96	02	0	511	64	0	0	9	0	6	29	67
	Chaman *	000	0	3	27	02	96	01	1	510	74	3	0	9	1	0	12	75
	Nushki *	000	0	5	27	05	98	03	0	539	78	5	0	9	4	0	56	82
	Dalbandin *	000	8	7	23	07	96	03	1	525	78	6	0	9	5	1	34	82
Kalat	Kalat *	000	0	0	34	03	98	00	0	503	61	0	0	9	0	0	32	65
	Panjgur *	000	0	1	23	03	98	02	0	521	76	1	0	9	3	0	24	77
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	2	36	02	98	01	1	167	76	2	7	5	0	0	70	71	—	—	0.2	—	122.5	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 0					140
	Chittagong	000	0	2	36	03	96	02	0	155	77	1	0	9	1	1	73	69	+ 3	+ 2	0.1	— 1.2	170.7	108
	Maijdee Court	000	9	0	00	00	98	00	0	163	77	0	0	9	0	0	67	xx	+ 1	—	0	— 1.0	124.5	115
	Comilla	000	0	0	00	00	97	00	0	147	77	0	0	9	0	0	58	65	+ 1	0	0	— 0.8	76.9	94
	Brahmanbaria	000	0	2	05	02	97	03	0	159	77	2	5	5	0	0	70	68	—	—	0	— 0.7	65.4	78
	Sylhet	000	0	1	09	05	97	02	0	161	76	1	0	9	3	0	63	67	—		0.1	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	xxx	79	0	0	9	0	0	69	61	— 2	0	1.0	0	52.1	98
Dacca	Mymensingh	000	0	0	13	02	97	00	0	168	73	0	0	9	0	0	69	65	0	— 1	0.3	— 0.3	62.1	91
	Narayanganj	000	9	2	31	02	97	01	0	164	75	0	0	9	0	8	67	67	— 1	0	0.3	— 0.4	62.9	74
	Dacca (Tezgaon)	000	0	1	00	00	97	01	0	158	73	0	0	9	0	1	70	63	—	—	0	—	81.2	—
	Faridpur	000	0	0	02	02	95	05	0	158	75	0	0	9	0	0	67	65	— 1	0	0	— 0.7	87.9	71
Khulna	Barisal	000	0	0	36	02	97	02	0	164	76	0	0	9	0	0	68	68	+ 2	+ 2	0	— 0.9	76.5	81
	Khulna	000	0	0	00	00	97	00	0	168	77	0	0	9	0	0	66	68	— 1	+ 3	0	— 0.7	56.5	68
	Satkhira	000	0	2	00	00	97	01	1	175	76	1	1	7	3	0	65	65	— 2	+ 2	0	— 0.5	62.2	65
	Jessore	000	0	1	00	00	97	02	0	169	74	1	0	9	6	0	66	62	+ 1	—	0	— 0.6	59.0	65
Rajshahi	Pabna	000	0	1	31	05	98	02	0	168	74	0	0	9	0	1	67	65	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	98	00	0	165	75	0	0	9	0	0	67	63	+ 1		0.7	+ 0.3	50.0	64
	Bogra	000	0	0	36	02	96	02	0	165	75	0	0	9	0	0	69	65	— 1	+ 2	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	171	76	0	0	9	0	0	67	61	0	+ 1	0	— 0.1	51.7	72
	Rangpur	000	6	0	36	02	96	02	4	180	72	0	0	9	0	0	66	65	— 2	—	0.1	— 0.2	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	05	0	181	59	0	0	9	0	2	47	48	— 6	+ 1	0	0	51.1	39
	Sialkot	000	0	0	00	00	97	00	0	176	62	0	0	9	0	0	49	52	— 5	+ 2	0	0	35.0	32
Rawalpindi	Jhelum	000	0	3	00	00	96	02	0	183	54	0	0	9	0	1	43	45	—	—	0	—	34.8	—
	Rawalpindi	000	0	4	00	00	96	10	1	196	49	0	0	9	0	8	45	44	— 4	0	0	— 0.1	52.5	36
	Campbellpur	000	0	6	00	00	98	03	1	229	50	6	0	9	6	0	41	43	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	184	53	0	0	9	0	0	42	47	— 3	— 4	0	0	11.1	15
	Lyallpur	000	0	5	00	00	94	05	4	182	54	0	0	9	0	4	50	50	— 3	+ 1	0	0	13.9	12
Multan	Montgomery	000	0	6	00	00	96	05	0	886	56	0	0	9	0	6	51	50	— 4	— 2	0	0	10.1	10
	Multan	000	0	5	00	00	98	03	1	183	65	0	0	9	0	2	43	55	— 2	+ 4	0	0	7.6	7
	Leiah	000	0	6	18	03	97	02	2	143	63	0	0	9	0	4	35	46	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	183	59	0	0	9	0	0	47	47	— 3	— 4	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	184	62	0	0	9	0	0	51	52	— 4	+ 1	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	191	66	0	0	9	0	0	43	50	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	210	46	0	0	9	0	0	37	42	—	—	0	—	25.3	—
	Peshawar	000	0	2	00	00	97	03	0	201	52	0	0	9	0	1	41	50	— 2	+ 1	0	0	18.1	11
	Haripur	000	4	6	25	05	97	03	1	181	55	0	0	9	0	9	37	47	—	—	0	—	28.6	—
D.I. Khan	Bannu	000	2	0	27	02	99	02	0	187	52	0	0	9	0	0	42	50	—	—	0	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	186	54	0	0	9	0	0	50	50	— 4	+ 1	0	0	7.7	9
Quetta	Sibi	000	2	4	31	02	97	03	0	181	61	4	0	9	3	0	40	56	—	—	0	—	8.6	4
Kalat	Nokkundi	000	0	0	16	03	98	02	0	170	63	0	0	9	0	0	35	56	—	—	0	—	1.0	2
	Turbat	000	0	0	07	02	98	00	0	169	66	0	0	9	0	0	41	xx	—	—	0	—	11.3	—
	Jiwani	000	0	1	02	05	97	03	0	165	67	0	0	9	0	1	57	65	—	—	0	—	3.8	5
	Pasni	000	0	0	29	02	97	00	0	163	64	0	0	9	0	0	51	61	— 3	+ 1	0	0	5.4	[illegible]
Karachi Division	Ormara	000	0	0	00	00	96	00	0	156	67	0	0	9	0	0	59	60	—	—	0	0	9.3	[illegible]
	Lasbela	000	0	0	00	00	98	00	0	162	58	0	0	9	0	0	41	57	—	—	0	—	9.1	8
	Karachi (Manora)	000	0	0	00	00	95	05	0	164	68	0	0	9	0	0	58	65	+ 2	— 2	0	— 0.1	9.8	[illegible]
	Karachi (Airport)	000	0	0	36	03	98	02	0	169	62	0	0	9	0	0	44	55	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	125	71	0	0	9	0	0	55	xx	—	—	0	—	27.3	[illegible]
	Umerkot	000	0	0	02	02	97	02	0	156	63	0	0	9	0	0	43	55	—	—	0	—	18.1	[illegible]
	Hyderabad	000	0	0	36	02	97	02	0	171	63	0	0	9	0	0	45	59	— 3	— 2	0	0	13.9	7
	Badin	000	0	3	06	02	97	02	0	160	64	0	0	9	0	1	45	64	— 3	+ 4	0	0	14.8	[illegible]
Khairpur	Padidan	000	0	0	00	00	97	02	0	173	55	0	0	9	0	0	47	50	—	—	0	—	11.1	[illegible]
	Nawabshah	000	0	0	00	00	97	02	0	174	56	0	0	9	0	0	06	51	—	—	0	—	9.3	[illegible]
	Sukkur	000	0	0	16	05	96	02	0	171	65	0	0	9	0	0	45	57	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	161	63	0	0	9	0	0	37	51	—	—	0	—	1.8	[illegible]
	Jacobabad	000	0	0	00	00	97	02	0	177	64	0	0	9	0	0	44	56	— 4	+ 2	0	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							[illegible]
	Kuwait																							[illegible]
	HILL STATIONS																							
Kashmir	Srinagar *																							[illegible]
	Gulmarg **																							[illegible]
	Sonamarg **																							[illegible]
	Dras **																							[illegible]
	Leh **																							[illegible]
	Skardu *																							[illegible]
	Misgar **																							[illegible]
	Aliabad *																							[illegible]
	Gilgit *																							[illegible]
Rawalpindi	Murree *	000	9	7	07	02	96	02	2	538	46	2	0	9	8	8	24	40	—	— 2	0.1	— 0.1	69.4	59
Peshawar	Drosh *	000	1	6	00	00	97	03	0	557	45	6	0	9	4	0	27	45	—	+ 1	0	—	23.0	18
	Cherat *	000	0	0	00	00	98	00	0	418	55	0	0	9	0	0	35	46	— 1	— 4	0.5	+ 0.3	33.9	29
	Kakul *	000	0	4	05	03	98	03	0	539	53	0	0	9	0	1	27	49	—	—	0	—	36.3	—
	Landikotal *	000	0	6	00	00	97	03	1	518	44	0	0	9	0	6	37	41	—	—	0.1	—	13.2	—
	Parachinar *	000	0	4	00	00	99	01	1	552	44	4	0	9	4	0	29	44	0	+ 4	0.1	—	29.3	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	498	48	0	0	9	0	0	39	44	—	—	0	0	7.7	13
	Wana *	000	0	6	00	00	99	01	2	509	51	0	0	9	0	7	25	39	—	—	0	—	11.3	11
Quetta	Fort Sandeman *	000	0	4	00	00	98	01	0	548	51	4	0	8	3	0	22	45	— 1	+ 3	0	0	11.2	11
	Hindubagh *	000	0	7	27	02	97	02	2	537	45	0	0	9	0	2	29	31	—	—	0	—	5.8	—
	Loralai *	000	0	5	31	02	99	01	2	332	46	2	0	9	1	2	32	37	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.1	34.7	14
	Quetta *	000	0	6	36	08	96	02	2	542	51	2	2	5	3	1	05	38	0	—	0	0	6.2	9
	Chaman *	000	0	6	27	05	98	02	2	532	54	6	2	5	0	0	13	52	+ 4	+ 9	0	0	6.3	8
	Nushki *	000	0	1	09	02	98	03	0	572	66	0	0	9	0	1	45	57	—	—	0	—	3.8	—
	Dalbandin *	000	9	6	05	02	98	03	0	523	55	6	0	9	5	0	10	53	+ 2	+ 11	0	0	2.7	4
Kalat	Kalat *	000	0	0	16	02	98	00	0	558	44	0	0	9	0	0	27	xx	— 0	—	0	0	12.9	7
	Panjgur *	000	0	0	06	02	98	02	0	519	50	0	0	9	0	0	20	45	— 3	—	0	—	5.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				VQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$Ch$_s$h$_s$	OT$_s$T$_s$T$_d$T$_d$	Id$_w$ d$_w$ P$_w$ H$_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Oxfordshite	...	...	...	63 207	591 00	1 07 17	98 0 20	136 78	13 6 00	17 7 02	...	00 0 54	10 7 22
Asia	...	...	...	63 190	589 00	2 05 10	98 0 20	133 77	21 4 00	16 3 00	...	05 2 72	10 5 xx
Oxfordshite	...	...	...	63 226	595 06	2 07 09	98 0 20	166 79	23 3 00	16 2 18	...	06 1 64	10 6 21
Serinia	...	...	...	63 251	577 06	3 12 05	98 0 20	181 81	31 4 00	76 2 20	...	00 6 71	11 2 21
Oxfordshite	...	...	...	63 236	573 12	1 14 05	98 0 20	107 83	14 6 03	17 7 05	...	00 2 70	14 0 20
Isedora	...	...	...	63 165	540 12	1 08 07	98 0 10	118 81	11 8 03	16 7 00	...	05 6 68	10 8 21
Herminios	...	...	...	63 227	597 12	0 08 09	98 0 20	120 86	00 9 00	17 3 10	...	00 0 81	10 8 02
Caltex the Hugue	...	...	...	63 130	741 18	1 34 02	98 0 20	098 84	12 4 00	...	...	01 2 72	13 4 21
Asia	...	...	...	63 224	640 18	0 05 05	98 0 30	136 79	00 9 00	17 6 06	...	05 3 68	10 5 21
Aden	...	...	...	63 090	692 18	6 08 13	99 1 32	101 83	31 5 10	26 0 17	...	01 7 71	10 8 43
Oxfordshir	...	...	—	63 249	578 18	0 14 05	99 0 00	149 79	00 9 00	77 4 00	...	05 3 69	11 4 20
Vitoria	...	...	...	63 225	636 18	0 04 04	97 0 00	183 77	00 9 00	57 4 00	...	05 4 66	10 4 20
BAY OF BENGAL													
Prome	...	...	...	63 094	864 00	1 07 05	99 1 50	103 82	13 6 00	...	...	...	...
Tokemaru	...	...	.	63 180	869 00	6 03 14	98 2 52	126 81	22 4 68	12 3 03	...	00 0 72	10 3 23
Kaleia	...	...	...	63 185	859 00	4 02 09	97 0 30	140 79	21 5 48	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTTT$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	013 195 182	119 202 999	...	150 132 999	...	312 075 999	436 538 999	573 598 999	747 732 999	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 145 082	121 285 999	...	150 162 999	...	314 065 999	431 525 999	573 625 999	740 742 999	994 845	...	...	...
Lahore ...	00 00	972 185 115	142 xxx xxx	...	153 125 045	...	316 042 545	439 545 999	579 672 999	743 790 999	...	...	...	...
Multan ...														
Peshawar ...	00 00	975 118 035	...	...	150 142 062	...	311 025 608	433 565 662	573 665 732	738 782 999	938 925	...	...	...
Quetta ...	00 00	835 102 542	...	...	...		315 035 512	439 512 999	581 585 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 170 999	800 090 999	350 830 999	...	...	...	...	...	...	350 830 999	...	...
Jiwani ...													
Karachi ...	00 00	900 190 999	800 130 999	350 810 999	...	...	...	...	—	...	350 810 999	...	...
Lahore ...	00 00	900 178 068	800 105 012	350 830 999	...	...	...	...	...	...	350 830 999	...	...
Multan ...													
Peshawar ...	00 00	870 145 062	800 142 085	350 850 999	250 990 999	210 050 999	...	...	...	...	210 050 999	...	...
Quetta ...	00 00	800 115 542	630 000 999	...	...		...	...	...	...	630 000 999	...	...

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff): columns 2–10. At 0000 hrs. G.M.T. † of date (dd ff): columns 11–16. At 0600 hrs. G.M.T. † of date (dd ff): columns 17–27.

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	36 10	36 10	36 10	33 05	34 07	...	...	...	...	35 15	36 15	36 16	04 10	08 04	29 09
Chaklala ...	...	27 09	28 09	28 08	24 03	24 02	04 06	33 08	35 11	...	...	...	...	...	...
Chhor ...	03 08	04 06	04 06	04 07	03 07	25 10	26 27	25 33	26 35	06 17	06 14	03 08	03 05	36 10	01 21
Chittagong ...	...	...	...	...	...	...	...	...	...	03 08	00 07	01 03	28 07	22 09	26 07
Cox's Bazar ...	31 04	04 02	07 04	12 04	20 06	...	...	...	...	05 08	05 05	04 06	24 01	23 08	25 07
Dacca ...	35 07	35 04	35 05	27 08	32 15	22 12	27 19	27 23	27 35	34 06	34 03	18 03	...	...	...
Dalbandin ...	...	...	23 13	23 19	22 17	19 13	23 19	23 15	24 11	...	...	19 02	22 13	21 13	22 16
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 07	20 05	20 07	17 06	15 06	...	...	...	24 03	19 02	24 06
Fort Sandeman ...	...	...	...	03 02	02 03	29 06	32 10	28 15	27 15	...	...	...	21 02	27 24	32 05
Jacobabad ...	19 02	21 02	21 01	33 01	35 06	35 10	27 08	26 15	25 13	06 03	19 02	22 04	26 09	29 07	31 13
Jessore ...	36 10	36 09	35 07	33 06	28 06	29 12	...	...	...	01 10	01 01	01 13	35 05	20 03	26 08
Jhelum ...	30 04	30 05	30 05	35 04	01 02	02 06	35 06	34 07	34 08	31 02	34 05	32 07	33 07	05 03	11 04
Jiwani ...	25 04	15 05	14 06	12 08	14 11	18 09	25 17	26 22	27 28	04 03	37 02	25 16	13 14	13 14	19 04
Karachi ...	03 07	04 06	04 06	02 08	02 09	36 06	27 23	26 35	25 35	...	...	...	...	...	...
Khanpur ...	36 02	08 01	08 02	05 07	03 03	02 12	29 14	28 23	28 17	07 12	08 07	09 03	06 01	28 12	28 12
Lahore ...	31 05	31 05	32 06	31 06	34 07	33 07	33 10	30 14	28 23	34 04	33 08	32 09	34 08	35 07	08 06
Multan ...	16 02	20 03	20 02	01 02	02 04	01 08	28 12	28 12	26 15	14 08	15 06	20 03	31 03	32 07	34 01
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	26 09	21 05	21 08	26 09	28 23	26 27	...	...	...	23 10	21 09	21 09
Peshawar ...	...	12 03	04 03	35 02	27 04	33 06	31 12	31 17	31 13	...	36 03	35 03	33 05	32 08	30 18
Quetta ...	...	...	...	...	30 04	31 02	29 02	28 06	27 08	...	...	...	...	27 03	30 04
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 03	25 05	24 03	25 09	25 19	24 12	...	...	...	08 09	08 03	12 03	22 03	17 09	28 11
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	36 09	36 16	34 07	...	...	...	...	...	...	...	...
Chaklala ...	...	25 03	30 06	30 05	24 04	01 04	28 09	26 09	25 41	24 16	...
Chhor ...	06 09	04 10	04 09	03 09	02 12	29 12	28 23	28 32	29 35	...	...
Chittagong ...	35 03	03 02	23 01	18 04	21 08	28 06	26 17	26 23	27 38	27 40	28 5
Cox's Bazar ...	33 06	34 06	01 08	35 04	25 04	25 23	...	...	...	...	...
Dacca ...	24 03	22 04	22 08	20 14	19 12	27 05	xx xx	xx xx	27 44	27 58	...
Dalbandin ...	...	...	08 07	22 04	22 12	23 23	22 20	27 22	28 24	30 24	28 1
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 03	01 09	36 17	...	...	...	...
Fort Sandeman ...	...	...	...	19 01	24 02	33 09	22 06	25 20	...	...	...
Jacobabad ...	14 02	19 02	25 04	33 03	34 06	33 05	27 15	28 21	28 23	28 35	27 1
Jessore ...	35 12	35 12	36 13	36 08	28 05	21 05	...	...	...	...	...
Jhelum ...	30 03	31 08	32 09	32 04	01 01	36 05	31 07	25 08	21 08	24 13	...
Jiwani ...	20 01	16 02	16 05	15 18	16 15	20 08	20 09	25 24	26 33	23 40	...
Karachi ...	08 80	07 08	05 07	03 14	04 12	32 07	29 19	28 32	28 36	...	...
Khanpur ...	14 08	10 04	05 04	04 06	03 06	36 06	26 12	27 13	27 14	29 27	...
Lahore ...	30 06	30 11	31 09	31 04	04 03	36 09	35 15	33 08	30 05	24 08	...
Multan ...	17 05	17 05	19 06	05 02	36 05	02 06	24 07	35 06	25 12	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 06	21 10	19 12	27 16	28 23	28 27	28 21	...
Peshawar ...	...	04 03	36 07	33 06	29 02	24 03	19 03	26 03	...	...	...
Quetta ...	...	...	...	...	22 02	26 06	28 10	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	02 01	04 01	06 04	20 04	17 07	26 06	28 23	27 31	27 37	26 40	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 05	32 08	18 06	19 07	19 05	23 07	27 17	25 31	26 35	27 44	...	...	...	...	...	...	...	-
Karachi ...	04 17	07 10	05 07	03 10	03 13	03 07	31 13	28 35	29 24	28 49	...	...	...	...	...	...	...	-
Peshawar ...	...	04 06	04 03	17 02	08 04	36 10	29 16	27 21	26 28	27 27	28 35	27 49	28 78	28 83	28 89	...	...	...
Quetta ...																		

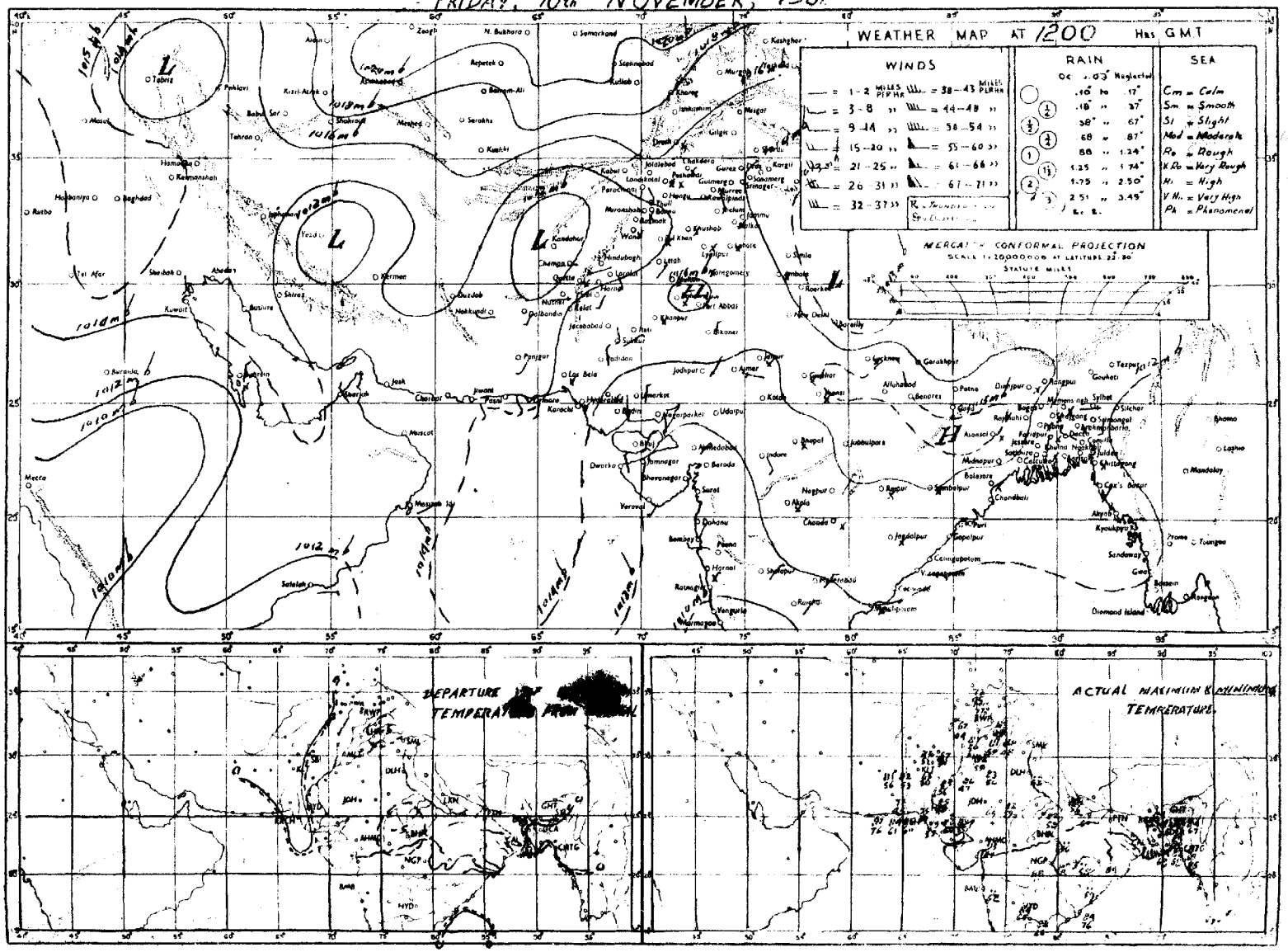
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

05 661 32 418

PAKISTAN DAILY WEATHER MAP

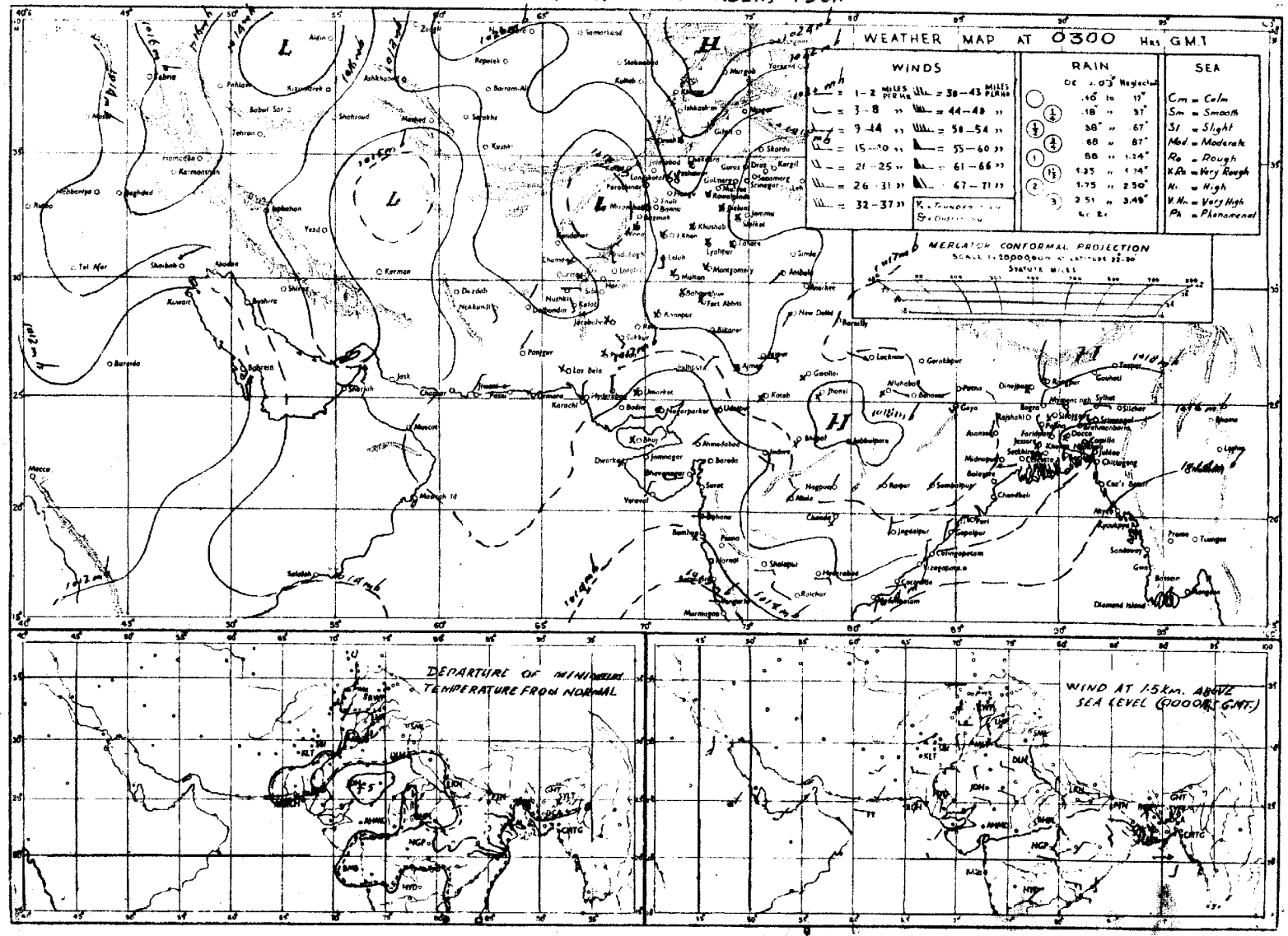
FRIDAY, 10th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 11th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 12th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Afghanistan moved away eastwards.

The western disturbance over north Iran has now moved to north Afghanistan and adjoining areas. The other western disturbance over west Iran moved away northeastwards.

Weather remained to be dry in the country.

Night temperatures were: 3-5°F above normal in Quetta division.

Forecast valid until the evening of 13th November 1961:—A few thunderstorm/showers may occur in Quetta, D. I. Khan and Peshawar divisions. Weather will, otherwise remain dry in the country.

Karachi-11
The 12th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wc	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	27	05	xx	00	1	120	79	9	x	0	x	x	79	86	000	4	5	36	02	96	03	4	161	76	2	2	5	7	0	71	70	—	—	0.1	—	155.5	—
	Cox's Bazar	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	...	...	000	0	1	36	05	96	02	0	143	78	1	0	9	3	0	66	70		+ 2	0.9	— 1.3	186.7	140
	Chittagong	000	0	0	31	02	xx	00	0	122	77	0	0	9	0	0	66	86	000	0	3	36	02	96	01	1	153	79	1	1	7	1	2	69	67	+ 2	0	0.1	— 1.3	170.7	108
	Maijdee Court	000	9	0	00	00	xx	10	0	125	76	0	0	9	0	0	70	84	000	9	0	00	00	98	00	0	152	76	0	0	9	0	0	65	65	— 1	— 2	0	— 1.0	124.5	115
	Comilla	000	0	0	00	00	95	02	0	114	79	0	0	9	0	0	68	86	000	0	0	00	00	97	02	0	137	79	0	0	9	0	0	68	65	+ 1	0	0	— 0.8	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	121	79	0	0	9	0	0	78	85	002	0	3	23	02	97	03	0	148	78	3	4	5	0	0	45	67	—	—	0	— 0.8	65.4	78
	Sylhet	000	0	0	27	02	xx	01	0	123	73	0	0	9	0	0	64	85	000	0	3	09	05	95	02	0	146	74	2	5	6	7	0	64	62	—		0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	71	0	0	9	0	0	57	65	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	130	81	0	0	9	0	0	65	84	000	0	0	13	02	97	00	0	153	74	0	0	9	0	0	66	65	+ 1	— 1	0.3	— 0.3	62.1	91
	Narayanganj	000	9	1	00	00	xx	01	0	126	77	1	5	6	0	0	64	87	000	9	1	00	00	97	01	0	147	75	1	0	9	3	0	69	66	+ 3	— 1	0.3	— 0.4	62.9	74
	Dacca (Tezgaon)	000	0	0	23	03	97	02	0	123	74	0	0	9	0	0	64	84	000	0	3	00	00	96	02	2	145	74	2	5	5	7	0	68	63	—	—	0	—	81.2	—
	Faridpur	000	0	1	00	00	95	05	0	122	75	1	0	9	1	0	65	61	000	0	0	34	02	95	05	0	152	74	0	0	9	0	0	64	64	1	— 0	0	— 0.7	87.9	71
Khulna	Barisal	000	0	0	00	00	97	02	2	134	80	0	0	9	0	0	66	85	000	0	0	00	00	97	00	0	153	77	0	0	9	0	0	76	68	+ 2	+ 2	0	— 1.0	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	149	76	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	152	77	0	0	9	0	0	63	67	— 1	+ 2	0	— 0.7	56.5	68
	Satkhira	000	0	4	00	00	96	03	1	131	79	3	4	7	3	x	65	84	000	0	2	00	00	97	01	1	161	74	1	1	9	3	0	61	63	— 1	0	0	— 0.5	62.2	65
	Jessore	000	0	0	36	02	97	00	1	134	77	0	0	9	0	0	64	82	000	0	1	31	02	97	00	0	152	72	1	0	9	6	0	62	67	—	—	0	— 0.7	59.0	65
Rajshahi	Pabna	000	0	1	00	00	xx	01	0	129	77	1	1	7	0	0	64	92	000	0	1	31	05	98	03	0	152	71	1	1	7	0	0	64	64	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	1	124	73	1	0	9	0	0	65	83	000	0	0	00	00	98	00	0	146	72	0	0	9	0	0	67	63	—	—	0.7	0.2	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	126	77	0	0	9	0	0	69	81	000	0	0	36	02	96	02	0	147	72	0	0	9	0	0	67	63	1	0	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	120	79	0	0	9	0	0	65	84	000	0	0	00	00	96	00	0	153	73	0	0	9	0	0	63	62	+ 1	0	0	— 0.2	51.7	72
	Rangpur	000	0	0	00	00	96	01	0	142	75	0	0	9	0	0	69	81	000	0	0	05	02	96	01	0	161	71	0	0	9	0	0	65	63	—	—	0.1	— 0.2	60.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	01	1	149	73	3	0	9	2	1	55	80	000	0	0	00	00	94	10	4	170	55	0	0	9	0	0	51	49	— 4	+ 2	0	0	51.1	19
	Sialkot	000	0	3	00	00	97	00	0	146	75	0	0	5	0	4	55	79	000	0	0	00	00	97	00	0	169	63	0	0	9	0	0	50	51	— 3	+ 1	0	0	35.0	32
Rawalpindi	Jhelum	000	8	6	31	02	98	02	1	141	72	0	0	9	0	6	48	81	000	0	0	00	00	97	02	0	183	54	0	0	9	0	0	43	46	—	—	0	—	34.8	—
	Rawalpindi	000	0	7	23	02	98	03	2	144	67	6	5	7	6	0	43	75	000	0	1	00	00	96	10	0	186	50	0	0	9	0	3	46	45	— 3	+ 1	0	— 0.1	52.5	36
	Campbellpur	000	0	7	00	00	98	03	1	191	72	0	0	9	6	0	45	76	000	0	0	00	00	98	00	0	200	51	0	0	9	0	0	40	42	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	4	00	00	99	03	1	139	75	0	0	9	7	0	47	82	000	0	0	00	00	99	00	0	175	56	0	0	9	0	0	47	48	— 2	— 3	0	0	11.1	15
	Lyallpur	000	0	5	00	00	96	02	0	153	80	0	0	9	0	4	52	80	000	0	0	00	00	94	05	4	168	51	0	0	9	0	0	49	50	— 2	+ 1	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	148	77	0	0	9	0	0	57	83	000	0	0	00	00	96	05	0	170	57	0	0	9	0	0	48	49	— 2	— 3	0	0	10.1	10
	Multan	000	0	0	00	00	98	01	0	143	77	0	0	9	0	0	47	84	000	0	3	00	00	98	03	0	165	64	0	0	5	0	1	41	58	0	+ 7	0	0	7.6	7
	Leiah	000	0	2	18	01	97	02	0	134	72	0	0	9	0	4	48	81	000	0	0	18	02	97	00	0	143	63	0	0	9	0	0	35	47	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	138	80	0	0	9	0	0	54	85	000	0	5	00	00	96	03	1	167	59	0	0	9	0	1	41	49	— 2	— 2	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	138	78	0	0	9	0	0	64	82	000	0	0	18	02	98	00	0	163	64	0	0	9	0	0	52	54	— 3	+ 3	0	0	4.9	6
	Fort Abbas	000	0	0	36	02	98	00	0	144	78	0	0	9	0	0	49	83	000	0	0	13	02	98	00	0	168	59	0	0	9	0	0	38	50	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	127	66	0	0	9	0	0	45	71	000	0	0	00	00	97	00	0	180	50	0	0	9	0	0	37	44	—	—	0	—	25.3	—
	Peshawar	000	0	7	00	00	96	05	2	142	70	2	0	4	4	1	50	74	000	0	1	00	00	96	05	1	181	51	0	0	9	0	0	45	50	— 3	+ 1	0	0	18.1	11
	Haripur	000	5	3	34	02	95	02	1	149	76	3	0	6	1	0	53	79	000	2	2	20	03	97	01	0	169	56	2	0	9	0	8	37	47	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	4	00	00	99	01	1	137	74	0	0	9	0	3	52	76	000	1	0	00	00	99	10	0	173	51	0	0	9	0	0	43	50	—	—	0	—	13.9	11
	D. I. Khan	000	3	4	00	00	98	02	0	135	75	0	0	9	0	0	58	81	000	0	0	00	00	98	00	0	165	56	0	0	9	0	0	49	50	— 2	+ 1	0	0	7.7	9
Quetta	Sibi	000	6	2	18	03	98	01	1	143	81	0	0	9	4	0	41	81	000	2	5	31	02	97	03	1	169	60	0	0	9	4	0	44	56	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	09	03	98	02	0	116	81	0	0	9	0	0	39	83	000	0	0	09	03	98	02	0	153	61	0	0	9	0	0	32	57	—	—	0	—	1.0	3
	Turbat	000	0	0	23	02	98	00	0	128	68	0	0	9	0	0	36	91	000	0	0	09	00	98	00	0	159	67	0	0	9	0	0	34	xx	—	—	0	—	11.3	—
	Jiwani	000	0	0	20	05	97	00	0	144	79	0	0	9	0	0	57	82	000	0	4	02	02	97	03	0	157	69	1	5	5	3	0	62	66	—	—	0	—	3.8	5
	Pasni	000	0	0	25	05	98	00	0	141	85	0	0	9	0	0	57	86	000	0	0	29	02	97	00	0	155	63	0	0	9	0	0	54	61	0	+ 1	0	0	5.4	6
Karachi Division	Ormara	000	0	0	18	05	96	00	0	137	84	0	0	9	0	0	48	88	000	0	0	00	00	96	00	0	148	64	0	0	9	0	0	59	59	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	128	92	0	0	9	0	0	63	93	000	0	0	00	00	98	05	1	158	61	0	0	9	0	0	46	xx	—	—	0	—	9.1	8
	Karachi (Manora)	000	0	0	25	10	98	02	0	131	85	0	0	9	0	0	75	88	000	0	0	05	07	96	02	0	154	69	0	0	9	0	0	61	67	+ 2	0	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	09	05	96	02	0	134	86	0	0	9	0	0	31	89	000	0	0	00	00	97	02	0	156	62	0	0	9	0	0	39	55	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	34	01	97	00	0	111	87	0	0	9	0	0	61	90	000	0	0	16	01	97	00	0	134	68	0	0	9	0	0	54	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	01	98	02	0	122	85	0	0	9	0	0	54	89	000	0	0	34	01	97	02	0	145	50	0	0	9	0	0	43	52	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	135	83	0	0	9	0	0	45	89	000	0	0	36	02	97	02	0	159	63	0	0	5	0	0	45	60	— 1	— 1	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	137	84	0	0	9	0	0	40	90	000	0	0	36	02	97	00	0	158	62	0	0	9	0	0	45	62	— 2	+ 2	0	0	14.8	9
Khairpur	Padidan	000	0	0	31	03	97	02	0	140	82	0	0	9	0	0	46	85	000	0	0	00	00	97	02	0	164	53	0	0	9	0	0	45	49	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	141	84	0	0	9	0	0	40	88	000	0	0	00	00	97	02	0	165	56	0	0	9	0	0	44	52	—	—	0	—	9.3	—
	Sukkur	000	0	0	16	02	96	00	0	147	86	0	0	9	0	0	46	87	000	0	0	16	03	96	02	0	162	66	0	0	9	0	0	44	59	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	149	83	0	0	9	0	0	28	86	000	0	0	00	00	99	00	0	161	64	0	0	9	0	0	41	50	—	—	0	—	1.8	—
	Jacobabad	000	0	0	13	02	97	02	0	143	82	0	0	9	0	0	45	85	000	0	2	00	00	96	03	0	161	62	0	0	9	0	2	51	56	— 2	+ 2	0	0	8.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	8	31	02	96	03	1	518	40	5	3	5	8	0	33	58	000	0	2	36	05	98	01	1	527	46	0	0	9	0	4	11	40	0	— 2	0.1	— 0.1	69.3	59
Peshawar	Drosh *	000	8	4	00	00	97	01	2	518	59	4	0	9	5	0	29	65	000	0	0	00	00	97	02	0	544	46	0	0	9	0	0	28	45	0	+ 1	0	—	23.0	18
	Cherat *	000	0	6	13	05	98	03	2	527	61	6	7	6	0	0	46	69	000	0	0	23	07	98	00	1	569	49	0	0	9	0	0	42	45	+ 2	— 5	0.5	+ 0.3	33.9	29
	Kakul *	000	8	7	18	03	97	02	2	522	59	1	5	7	2	1	35	69	000	3	2	05	03	98	03	0	528	54	0	0	9	0	1	29	49	—	—	0	—	36.3	—
	Landikotal *	000	0	3	00	00	98	01	1	510	66	0	0	9	0	4	43	69	000	0	3	00	00	98	03	0	509	48	0	0	9	0	4	35	41	—	—	0.1	—	13.2	—
	Parachinar *	000	0	4	13	01	99	03	0	531	59	4	0	9	4	0	27	66	000	0	0	00	00	99	00	0	543	43	0	0	9	0	0	27	xx	0	—	0.1	—	29.3	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	506	71	0	0	9	0	0	37	73	000	0	0	00	00	99	00	0	495	47	0	0	9	0	0	33	44	—	—	0	0	7.7	13
	Wana *	000	0	6	00	00	99	00	1	509	63	6	0	9	1	0	56	70	000	0	6	00	00	99	00	1	513	51	0	0	9	0	7	17	39	—	—	0	—	11.3	11
Quetta	Fort Sandeman *	000	0	1	00	00	99	01	0	522	70	1	0	8	3	0	23	74	000	0	3	29	01	98	01	0	534	50	3	0	9	0	4	26	46	+ 1	+ 4	0	0	11.2	11
	Hindubagh *	000	0	7	25	10	97	00	0	505	65	0	0	7	0	2	35	62	000	0	3	27	02	97	00	0	537	43	0	0	9	0	2	26	29	—	—	0	—	5.8	—
	Loralai *	000	0	4	23	03	99	02	1	352	66	0	0	9	1	4	59	71	000	0	4	34	03	99	00	1	340	46	0	0	9	1	1	21	40	—	—	0	—	5.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	03	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.1	34.7	14
	Quetta *	000	0	3	00	00	96	00	0	511	64	3	1	5	0	0	27	67	000	0	4	00	00	96	01	0	536	50	0	0	9	0	1	17	34	—	—	0	0	6.2	9
	Chaman *	000	0	6	27	05	98	02	1	516	71	6	0	9	2	0	21	74	000	0	5	13	03	98	02	1	520	59	5	0	9	2	0	21	50	+ 5	+ 7	0	0	6.3	8
	Nushki *	000	0	0	27	05	98	02	0	555	78	0	0	9	0	0	55	80	000	0	0	09	08	98	02	0	570	65	0	0	9	0	0	41	60	—	—	0	—	3.8	—
	Dalbandin *	000	8	1	25	09	96	03	1	530	79	0	0	9	0	1	13	81	000	9	1	00	00	97	03	0	497	46	0	0	9	0	1	17	42	+ 2	0	0	0	2.7	4
Kalat	Kalat *	000	0	0	27	02	98	00	0	499	62	0	0	9	0	0	36	67	000	0	0	20	02	98	00	0	551	44	0	0	9	0	0	27	36	+ 3	+ 5	0	0	12.9	7
	Panjgur *	000	0	0	23	02	98	02	0	524	76	0	0	9	0	0	33	77	000	0	1	05	02	98	02	0	528	51	0	0	9	0	1	22	46	—	—	0	—	5.0	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Canton	73 163	613 00	0 05 11	98 0 20	128 77	03 9 00	66 6 03	...	05 2 69	10 5 21
Sacramenti	73 234	678 00	0 03 13	98 0 20	140 74	00 9 00	35 6 05	...	06 0 50	
Asia	73 238	655 00	0 05 07	98 0 00	133 81	00 9 00	17 3 00	...	05 4 68	10 5 xx
Isidora	73 205	591 12	3 07 06	98 0 20	126 81	32 8 00	16 7 09	...	05 0 64	10 7 21
Caltex Endhoven	73 235	592 12	0 11 09	98 0 20	162 81	00 9 00	36 4 00	...	05 2 66	11 1 21
Isomeria	73 243	584 12	1 11 10	99 0 20	150 81	10 9 40	35 6 17	...	05 2 68	11 1 x1
British Resources	73 208	593 12	2 10 09	99 0 20	130 78	21 3 01	55 6 12	...	05 2 66	11 0 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$				HHHTTTT_dT_d					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	011 212 185	106 218 152	...	150 155 105	..	312 095 999	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 182 085	120 122 095	...	149 135 999	...	311 035 999	440 535 999	576 625 999	742 755 999	946 862	...	...	...
Lahore ...	00 00	991 192 112	133 xxx xxx	...	151 152 365	...	316 035 015	438 585 999	577 652 999	739 815 999	...		...	...
Multan ...														
Peshawar ...	00 00	974 112 052	...	...	150 142 028	...	313 082 548	438 032 602	583 562 675	755 648 999	967 778	247 968	...	...
Quetta ...	00 00	834 065 552	.	...	...		311 005 999	433 505 999	569 760 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 182 088	800 118 082	..	...	...	...	...	...	...	800 118 082	...	...
Jiwani ...													
Karachi ...	00 00	900 170 599	800 120 999	350 790 599	250 910 999	...	...	...	–	...	250 910 999	...	...
Lahore ...	00 00	900 175 095	600 128 032	350 920 999	...	...	...	...	...	...	350 920 999	...	...
Multan ...													
Peshawar ...	00 00	925 158 052	900 155 045	800 122 015	350 710 999	250 870 999	190 990 999	...	...	...	190 090 999	...	...
Quetta ...	00 00	800 058 625	610 580 xxx	570 170 xxx	...	-	..	...	...	...	570 170 xxx	...	...

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

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

UPPER WIND DATA*

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

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

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 05	34 03	09 04	14 05	24 06	25 04	...	...	...	...	...
Chaklala ...	...	35 01	30 05	29 07	28 06	24 06	29 07	27 12	29 18	...	...
Chhor ...	08 07	04 06	04 05	02 06	04 10	36 05	28 12	29 29	29 32	28 39	28 68
Chittagong ...	35 02	31 02	25 02	25 24	23 23	23 23	22 32	22 45	22 60	...	...
Cox's Bazar ...	34 10	32 05	32 05	26 11	22 12	22 20	24 21	24 23	25 31	...	-
Dacca ...	27 03	23 03	20 03	15 06	17 07	22 07	26 30	25 33	25 29	...	...
Dalbandin ...	...	...	16 03	22 13	22 21	20 22	26 18	27 22	28 32	27 27	27 35
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 05	36 07	11 05	18 08	22 08	27 15	...
Fort Sandeman ...	...	...	...	23 02	26 03	29 15	24 15	27 15	28 15	...	...
Jacobabad ...	17 03	20 04	11 06	24 08	27 05	12 02	26 11	26 16	-27 21	25 25	28 32
Jessore ...	33 08	33 07	32 08	32 08	31 13	24 07	...	...	...	...	..
Jhelum ...	30 03	30 07	31 08	29 08	28 10	31 06	28 08	29 08	27 11	29 16	...
Jiwani ...	29 04	24 07	23 06	19 08	29 06	31 08	26 13	28 19	27 29	28 48	...
Karachi ...	08 08	08 06	06 06	03 04	10 05	22 04	27 16	27 25	27 33	...	...
Khanpur ...	16 08	17 06	21 04	29 05	28 04	32 04	12 06	28 13	27 16	23 15	26 21
Lahore ...	32 05	30 08	29 07	27 06	31 10	34 13	27 10	29 13	31 13	32 19	...
Multan ...	19 07	19 10	20 09	21 05	28 02	31 03	19 07	19 12	19 15	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	22 09	21 22	21 13	27 13	25 23	28 25	28 32	...
Peshawar ...	...	01 02	05 01	36 03	34 04	07 01	21 04	21 11	22 10	27 17	...
Quetta ...	...	...	...	...	21 05	23 08	24 17	25 22	24 26	25 40	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 03	11 05	12 06	13 10	12 12	22 16	23 25	25 39	25 47	26 62	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	32 09	33 10	33 14	10 21	17 14	17 18		...	...	...	...	...	...	...	...	...	...	–
Karachi ...	01 12	36 14	36 12	05 09	10 11	06 04	30 12	27 27	27 39	28 56	28 78	28 84	78 01	...	...	...	...	...
Peshawar ...	...	36 09	35 10	17 12	06 12	06 09	34 10	31 17	34 29	28 44	32 53	31 85	32 98	31 92	...	...	...	...
Quetta ...																		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

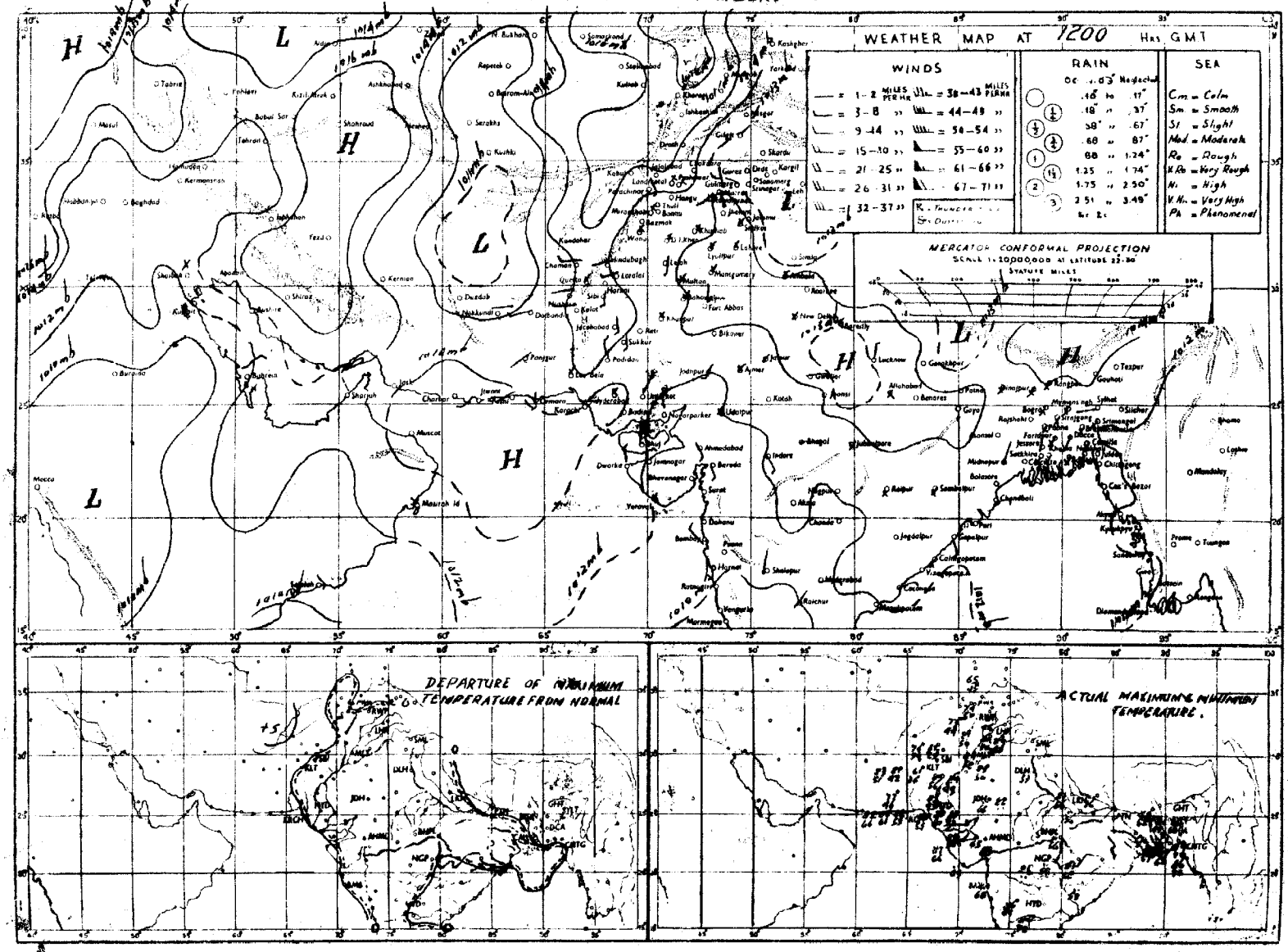
11 661 32 411

12 530 33 305

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

PAKISTAN DAILY WEATHER MAP

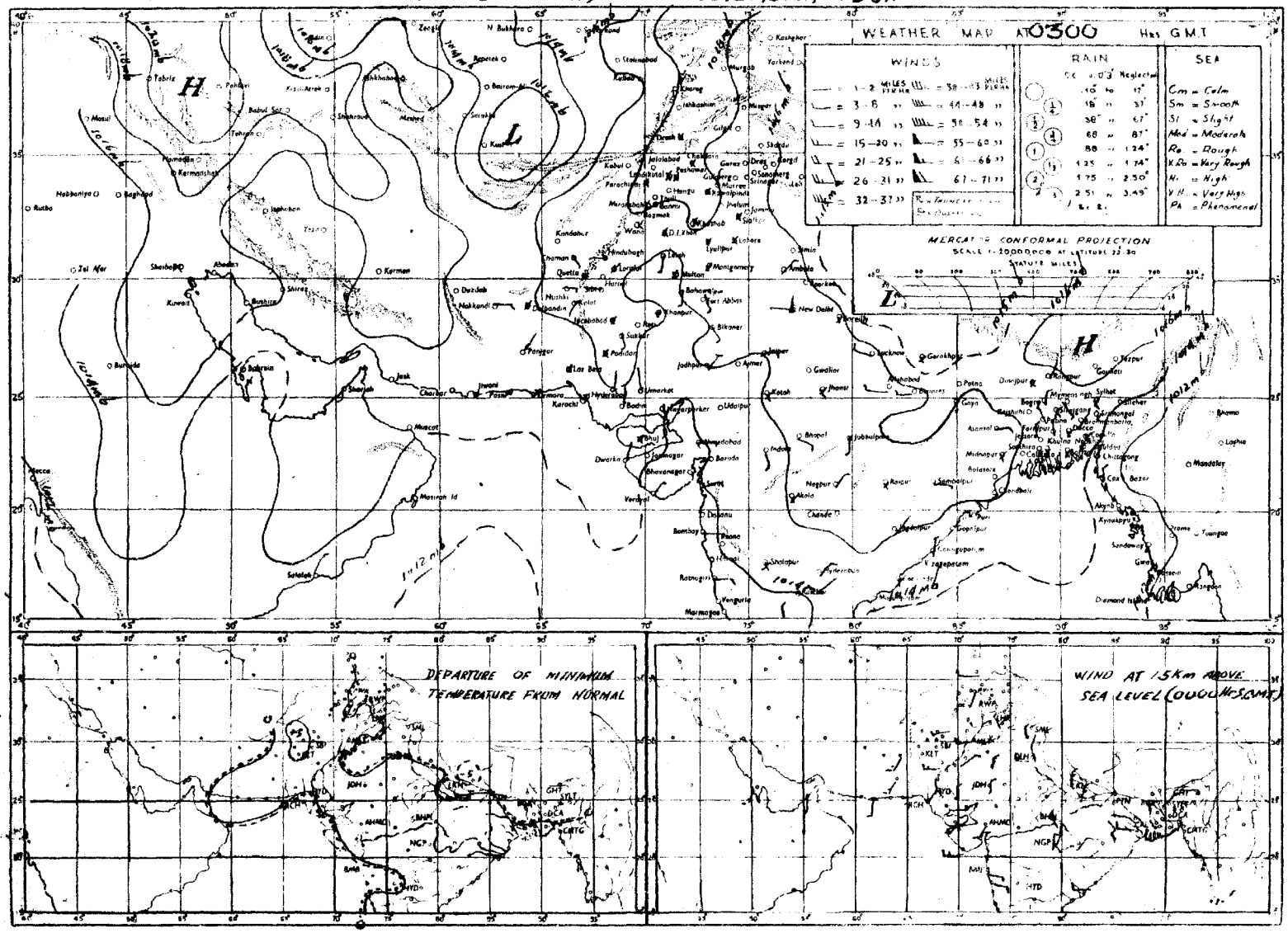
SATURDAY, 11th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 12th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 13th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance now lies over Peshawar division and adjoining areas.
A secondary western disturbance has approached Kalat and adjoining Quetta divisions.
Scattered rain has been reported from Quetta division.
Night temperatures were: 6-12°F above normal in Quetta and Kalat divisions and 3-5°F so in D.I. Khan division.

Forecast valid until the evening of 14th November, 1961:— Rain/thundershowers will be fairly widespread in Peshawar division and local in Rawalpindi, D. I. Khan and Quetta divisions with isolated snowfalls over the hills. Scattered thunderstorm/showers are also likely to occur in Sargodha and Kalat divisions.

Karachi-11
The 13th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																				At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Minimum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ws	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	TnTn	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	0	18	02	xx	02	1	126	79	0	0	9	0	0	73	86		000	6	1	18	05	98	01	6	158	79	1	1	5	0	0	72	68	—	—	0.1	—	155 5	—
	Cox's Bazar	000	0	0	31	05	xx	00	0	113	78	0	0	9	0	0	65	84		000	0	2	36	05	97	00	0	141	78	2	0	9	4	0	67	69	—	1	0.9	— 1.3	186.7	140
	Chitagong	000	0	0	31	02	xx	00	1	121	76	0	0	9	0	0	66	84		000	0	0	00	00	96	00	0	146	77	0	0	9	0	0	67	66	—	0	0.1	— 1.3	170.7	108
	Maijdee Court	000	9	0	00	00	xx	10	0	119	73	0	0	9	0	0	79	83		000	9	0	00	00	98	00	4	148	76	0	0	9	0	0	67	65	—	0	—	— 1.0	124.5	115
	Comilla	000	0	2	00	00	95	02	0	106	74	0	0	9	0	0	66	84		000	0	1	00	00	97	02	0	138	75	1	2	8	0	0	66	62	—	1	0	— 0.8	76.9	94
	Brahmanbaria	000	0	4	23	02	xx	03	1	111	77	4	5	5	0	0	76	85		000	0	4	18	03	97	03	1	145	74	2	4	4	2	0	69	64	—	—	0	— 0.8	65.4	78
	Sylhet	000	0	2	00	00	xx	01	0	108	77	2	2	6	0	0	67	85		000	0	5	09	02	96	02	1	142	74	5	2	5	0	0	67	66	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	72	0	0	9	0	0	67	86		000	2	2	13	04	95	01	0	xxx	77	0	0	6	0	0	64	60	—	1	0.2	— 0.8	51.4	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	108	77	0	0	9	0	0	75	83		000	0	2	00	00	99	01	0	135	73	2	4	4	0	0	65	66	—	0	0.3	— 0.4	62.1	91
	Narayanganj	000	9	1	00	00	xx	01	0	117	76	7	2	6	0	0	64	85		000	9	2	31	02	97	01	1	144	75	2	4	5	0	0	67	67	+ 1	—	0.3	— 0.4	62.9	74
	Dacca (Tezgaon)	000	0	1	00	00	97	02	0	109	75	1	1	6	0	0	62	83		000	7	2	31	02	97	01	1	139	72	2	5	5	0	0	67	65	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	115	76	0	0	9	0	0	65	81		000	0	1	34	02	95	01	1	136	72	1	5	6	0	0	64	66	—	1	0	— 0.8	87.9	71
Khulna	Barisal	000	0	0	00	00	96	00	0	128	78	0	0	9	0	0	74	84		000	0	0	36	02	97	02	2	144	75	0	0	9	0	0	64	65	+ 1	—	—	— 1.0	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	117	76	0	0	9	0	0	63	85		000	0	0	00	00	97	00	0	150	76	0	0	9	0	0	61	65	+ 2	—	0	— 0.8	56.5	68
	Satkhira	000	0	2	00	00	96	03	1	134	71	1	4	7	3	0	51	83		000	0	0	00	00	97	00	0	154	74	0	0	9	0	0	59	62	—	2	—	— 0.5	62.2	62
	Jessore	000	0	2	00	00	97	01	1	119	75	2	4	6	0	0	62	80		000	0	0	00	00	97	00	0	159	70	0	0	9	0	0	62	60	—	—	0	— 0.7	59.0	68
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	115	74	0	0	9	0	0	63	82		000	0	0	13	05	98	02	0	144	72	0	0	9	0	0	63	64	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	111	75	0	0	9	0	0	69	85		000	0	1	00	00	98	00	0	142	74	0	0	9	0	0	66	63	—	—	0.7	+ 0.1	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	126	77	0	0	9	0	0	69	81		000	0	1	27	02	96	01	1	142	73	2	0	9	2	0	67	64	—	1	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	1	114	77	0	0	9	0	0	65	83		000	9	6	00	00	96	02	2	152	75	6	0	9	2	0	60	65	—	0	0	— 0.2	51.7	72
	Rangpur	000	0	2	00	00	96	01	1	122	74	0	0	9	2	0	69	80		000	0	2	02	02	96	01	1	148	73	2	0	9	2	0	67	64	—	—	0.1	— 0.3	60.2	84
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	3	6	00	00	96	02	1	138	73	4	0	9	2	1	55	73		000	0	0	13	02	94	10	4	163	56	0	0	9	0	0	50	50	—	11	—	+ 3	51.1	19
	Sialkot	000	0	3	00	00	97	01	0	135	72	0	0	5	0	4	57	79		000	0	0	00	00	97	00	0	156	65	0	0	9	0	0	52	51	—	3	—	+ 1	35.0	32
Rawal-pindi	Jhelum	000	3	27	02	97	02	0	126	71	2	0	9	1	1	49	80		000	6	3	00	00	96	02	1	154	55	3	0	9	7	0	49	52	—	—	0	—	34.8	—
	Rawalpindi	000	0	7	00	00	98	02	2	133	68	4	5	7	0	0	48	77		000	0	3	00	00	96	10	0	164	52	0	0	9	0	0	48	48	—	2	—	+ 4	52.5	36
	Campbellpur	000	0	7	00	00	98	03	2	123	75	0	0	9	7	0	45	77		000	0	7	18	02	97	03	2	159	55	0	0	9	2	8	45	45	—	—	0	—	11.8	—
Sargodha	Khushab	000	0	27	02	99	00	0	138	79	0	0	9	0	0	42	80		000	0	0	00	00	99	00	0	154	54	0	0	9	0	0	43	48	—	4	—	— 3	11.1	15
	Lyallpur	000	0	5	00	00	96	02	1	139	74	0	0	9	0	2	53	75		000	0	2	00	00	94	04	0	161	53	0	0	9	0	2	51	49	—	7	—	0	13.9	12
Multi-can	Montgomery	000	0	5	00	00	96	02	2	141	78	0	0	9	0	1	47	84		000	0	4	13	03	96	02	0	156	62	0	0	9	0	0	47	51	—	1	—	— 1	10.1	10
	Multan	000	0	5	00	00	98	01	1	129	78	0	0	9	0	2	43	83		000	0	3	00	00	98	02	0	154	63	0	0	9	0	1	41	55	—	1	—	— 1	7.6	7
	Leiah	000	0	14	03	97	00	0	133	78	0	0	9	0	0	60	81		000	0	4	18	04	97	02	0	128	63	0	0	9	0	8	41	47	—	—	0	—	10.6	8
Bahawal-pur	Khanpur	000	0	3	00	00	96	03	0	123	80	3	0	9	3	0	54	86		000	0	1	00	00	96	03	0	141	60	0	0	9	0	1	46	47	—	1	—	— 4	12.6	6
	Bahawalpur	000	0	0	27	02	98	00	0	154	77	0	0	9	0	0	63	81		000	0	0	00	00	98	00	0	118	63	0	0	9	0	0	50	51	—	4	—	0	4.9	6
	Fort Abbas	000	0	0	09	02	98	00	0	135	78	0	0	9	0	0	49	82		000	0	0	05	02	98	00	0	158	62	0	0	9	0	0	40	51	—	—	0	—	3.1	6
Pesha-war	Chakdara	000	0	0	00	02	97	00	1	125	68	0	0	9	0	0	41	73		000	0	0	00	00	97	00	0	161	52	0	0	9	0	0	44	48	—	—	0	—	25.3	11
	Peshawar	000	0	6	00	00	96	04	1	122	67	0	0	9	0	0	50	73		000	0	8	00	00	96	04	2	157	56	3	5	6	2	x	48	51	—	4	—	+ 2	18.1	11
	Haripur	000	5	5	16	03	95	13	2	125	73	5	0	6	7	0	44	76		000	3	4	20	02	97	03	1	148	56	4	0	9	0	9	39	49	—	—	0	—	28.6	—
D.I. Khan	Bannu	000	8	7	00	00	99	02	2	125	72	0	0	9	2	0	52	73		000	2	8	00	00	97	02	2	156	56	0	0	9	0	0	47	51	—	—	0	—	13.9	11
	D. I. Khan	000	0	7	00	00	98	00	0	122	75	0	0	9	9	2	56	80		000	2	7	00	00	98	02	1	155	57	0	0	9	0	7	50	53	—	3	—	+ 4	9.7	9
Quetta	Sibi	000	6	1	23	02	98	01	1	133	81	0	0	9	3	0	43	86		000	2	5	13	02	97	03	1	154	62	5	5	6	0	0	45	59	—	—	0	—	5.6	5
Kalat	Nokkundi	000	4	5	23	03	98	03	2	077	82	5	0	9	4	0	51	85		000	9	8	11	03	97	03	2	128	63	8	0	9	6	0	53	50	—	—	0	—	1.0	2
	Turbat	000	0	0	23	04	98	00	0	110	85	0	0	9	0	0	44	89		000	0	1	11	02	98	01	2	121	70	0	0	9	0	1	60	xx	—	—	0	—	11.3	3
	Jiwani	000	2	2	25	07	97	03	0	128	79	1	0	5	5	0	1	63	81	000	0	6	27	03	96	03	0	134	75	4	8	5	3	0	68	72	—	—	0	—	3.8	5
	Pasni	000	2	2	20	09	98	03	0	126	81	0	0	9	0	2	64	88		000	3	6	29	02	98	03	2	136	70	2	2	7	4	0	67	62	+ 2	—	—	+ 2	5.4	4
Karachi Division	Ormara	000	0	0	27	03	96	00	0	118	81	0	0	9	0	0	55	88		000	0	3	31	05	96	02	1	144	71	1	0	9	0	1	53	62	—	—	0	—	9.9	—
	Lasbela	000	0	0	00	00	98	00	0	101	94	0	0	9	0	0	61	92		000	0	3	00	00	96	30	3	141	64	2	0	8	4	2	46	61	—	—	0	—	9.1	—
	Karachi (Manora)	000	0	0	00	02	98	02	0	115	84	0	0	9	9	0	75	87		000	0	0	00	00	96	02	0	136	70	0	0	9	0	0	50	57	—	1	—	— 1	9.8	—
	Karachi (Airport)	000	0	0	23	02	96	02	0	118	84	0	0	9	9	0	48	90		000	0	0	00	00	96	02	1	141	61	0	0	9	0	0	40	56	—	—	0	—	24.6	—
Hyder-abad	Nagarparkar	000	0	0	13	01	97	00	0	073	87	0	0	9	0	0	67	91		000	0	0	00	00	97	00	0	104	68	0	0	9	0	0	56	xx	—	—	0	—	27.3	—
	Umarkot	000	0	0	34	03	98	02	0	101	87	0	0	9	0	0	49	90		000	0	0	00	00	97	02	0	134	59	0	0	9	0	0	42	54	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	115	85	0	0	9	0	0	40	90		000	0	1	00	00	94	05	0	140	61	0	0	8	0	1	50	57	—	0	0	—	12.9	—
	Badin	000	0	0	36	02	97	00	0	123	87	0	0	9	0	0	42	91		000	0	0	36	02	97	00	0	146	62	0	0	9	0	0	44	xx	—	1	0	—	14.8	—
Khairpur	Padidan	000	0	0	31	03	97	02	0	119	84	0	0	9	0	0	39	88		000	0	1	00	00	96	02	0	136	54	0	0	9	0	0	47	50	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	130	85	0	0	9	0	0	47	88		000	0	0	00	00	97	03	0	151	57	0	0	9	0	0	45	50	—	—	0	—	9.2	—
	Sukkur	000	0	0	00	00	96	02	0	120	84	0	0	9	0	0	48	90		000	0	0	16	03	96	02	0	135	66	0	0	9	0	0	44	59	—	—	0	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	168	85	0	0	9	0	0	41	86		000	0	0	00	00	99	00	0	123	62	0	0	9	0	0	41	51	—	—	0	—	1.8	—
	Jacobabad	000	0	0	13	02	97	01	0	121	82	0	0	9	0	0	39	xx		000	0	3	13	02	96	03	0	138	62	1	0	9	3	2	47	58	x	—	0	— 4	8.3	—
Junagadh	Veraval																																									
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar *																																								
	Gulmarg **																																								
	Sonamarg **																																								
	Dras **																																								
	Leh **																																								
	Skardu *																																								
	Mlagar **																																								
	Allabad *																																								
	Gilgit *																																								
Rawalpindi	Murree	000	9	7	34	02	97	02	1	507	49	5	5	4	8	0	38	57		000	9	5	11	02	96	02	1	522	46	0	0	9	5	4	27	40	—	1	—	— 2	69.3	59
Pesha-war	Drosh *	000	5	7	13	03	96	01	2	495	62	7	0	9	7	0	31	64		000	9	8	00	00	96	03	2	515	51	4	8	5	7	x	33	46	—	1	0	— 2	23.0	18
	Chitral *	000	9	1	31	05	98	00	1	517	43	0	0	9	7	0	46	69		000	9	4	13	07	98	03	1	505	55	4	8	5	0	2	35	47	—	2	0.5	— 3	33.9	29
	Kakul	000	8	6	36	05	98	05	1	507	61	2	0	9	7	0	39	71		000	9	5	09	02	97	01	1	516	54	1	4	7	0	2	38	50	—	—	0	—	36.3	—
	Landikotal	000	0	6	00	00	97	02	1	497	65	2	0	9	0	0	39	68		000	0	8	00	00	96	03	2	496	54	1	8	8	1	0	42	47	—	—	0.1	—	13.2	—
	Parachinar	000	0	4	13	02	99	01	0	510	59	4	1	9	0	0	27	65		000	0	8	00	00	98	05	2	515	47	1	8	1	0	0	33	45	—	1	+	+ 5	29.3	29
D.I. Khan	Miranshah *	000	0	4	00	00	98	02	3	493	68	4	4	9	1	0	41	72		000	0	8	00	00	97	02	3	595	53	8	4	8	0	0	38	44	—	—	0	—	7.7	13
	Wana *	000	0	6	00	00	99	00	0	509	63	6	0	9	0	0	56	70		000	0	8	00	00	99	10	1	517	50	6	0	8	0	0	48	42	—	—	0	—	11.3	11
Quetta	Fort Sandeman **	000	0	3	25	01	99	03	0	502	71	3	0	8	3	0	17	74		000	0	7	00	00	98	03	0	511	55	7	0	8	3	0	25	50	—	1	—	+ 8	11.2	11
	Hindubagh **	000	0	3	25	09	97	00	0	500	64	0	0	7	7	2	xx	xx		000	0	8	18	02	97	01	2	516	50	8	0	8	4	0	27	24	x	1	—	—	6.8	—
	Loralai **	000	0	3	13	02	98	00	1	371	65	0	0	7	7	1	39	70		000	0	5	09	02	98	01	2	369	49	0	0	7	2	1	43	44	—	—	—	—	5.6	—
	Harnai **	000	0	3	34	01	96	00	0	xxx	xx	0	0	3	9	0	xx	xx		000	0	7	27	02	95	21	2	xxx	xx	7	3	4	3	2	6	xx	x	—	0	0.1	—	34.7	—
	Quetta *	000	0	5	00	00	96	02	0	522	65	5	3	5	3	0	25	68		000	0	8	00	00	96	03	2	506	52	0	3	5	0	0	46	51	x	—	0	—	6.2	—
	Chaman *	000	0	6	27	07	98	03	1	490	71	6	2	9	5	0	xx	xx		000	0	8	23	05	98	02	1	493	58	7	2	5	0	0	34	54	x	—	—	—	6.3	—
	Nushki *	000	0	6	18	08	98	03	0	536	77	6	0	9	6	0	59	79		000	0	8	31	05	98	03	0	543	64	8	0	9	0	0	52	55	—	2	+	+ 13	3.8	—
	Dalbandin *	000	0	4	18	05	96	03	0	502	77	4	0	9	4	0	31	81		000	4	8	31	05	93	31	5	495	55	5	7	6	2	x	50	55	—	2	0.1	+ 0.1	2.7	—
Kalat	Kalat *	000	0	0	21	05	98	00	0	486	60	0	0	9	0	0	27	64		000	2	6	23	09	98	03	0	511	51	6	0	8	3	0	37	41	—	0	—	+ 10	12.9	7
	Panjgur *	000	0	1	23	02	98	02	0	504	75	0	0	9	0	1	21	77		000	0	7	05	02	98	20	0	505	57	8	0	9	7	0	38	50	—	—	0	—	5.0	5
Afghanistan	Kabul *																																								
	Kandhar *																																								

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 13th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	13 157	702 00	0 06 08	99 0 20	100 82	07 9 00	75 7 10	...	00 2 76	10 6 21
British Resources	13 184	582 00	1 11 09	99 0 00	133 77	11 4 00	55 4 00	...	05 2 68	11 1 22
Caltex the Hague	13 181	669 36	3 36 10	98 0 20	127 82	30 6 80	00 1 22	...	13 6 72	13 6 22
Acmaru	13 237	588 36	3 14 10	98 0 21	138 79	21 4 80	xxx xx	...	05 2 67	11 4 70
Udomaru	13 167	689 06	2 04 10	98 0 10	125 86	00 9 10	75 2 15	...	00 4 77	10 4 21
Caltex Eddhaven	13 192	582 06	3 11 07	98 0 30	178 79	31 4 00	56 0 03	...	00 0 68	11 1 21
Caltex the Hague	13 193	657 42	1 02 13	98 0 20	121 81	00 9 01	00 2 20	...	10 2 72	10 2 22
Acmaes	13 224	598 42	1 13 07	98 0 10	111 77	11 5 01	xxx xx	...	05 0 65	11 1 21
Uramaru	13 176	676 12	2 04 10	98 0 20	104 84	10 7 31	95 8 06	...	00 2 76	10 4 21
Isomaru	13 190	582 12	4 13 05	98 0 30	133 79	32 4 41	56 7 16	...	05 3 72	11 3 57
Isedora	13 261	569 12	8 36 04	98 1 79	132 77	72 6 70	76 7 12	...	05 4 62	13 6 21
British Resources	13 165	571 10	4 08 09	99 0 20	110 79	41 3 00	55 5 05	...	05 2 72	10 8 22
Caltex the Hague	13 200	646 48	0 02 10	98 0 20	128 79	00 9 00	00 0 18	...	10 2 72	10 2 22
Acmaes	13 210	493 48	0 12 05	98 0 20	135 95	00 9 00	xx x xx	...	05 2 68	...
Udomaru	13 186	664 18	0 04 06	99 0 10	130 79	00 9 00	75 2 10	...	00 0 72	10 4 21
BAY OF BENGAL										
Jalakirjee Cowasjee	10 194	925 06	0 31 13	99 20	09x 82	53 x xx	..	...	...	..
Alhamadi	13 186	895 12	1 02 05	99 20	06x 83	43 x xx	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 202 185	...	...	144 135 072	..	308 025 992	431 542 995	573 612 998	741 718 992	948 842	223 962	...	...
Jiwani ...														
Karachi ...	00 00	018 152 115	109 232 995	...	148 120 990	...	308 012 995	431 565 992	571 635 995	739 705 992	...	...	...	...
Lahore ...	00 00	990 178 122	...	...	151 148 022	...	315 075 602	440 522 595	583 622 995	750 732 995	...		...	...
Multan ...														
Peshawar ...	00 00	972 132 042	...	...	147 162 092	...	311 055 002	435 542 582	576 635 665	745 730 990	946 890	212 055	392 125	...
Quetta ...	00 00	931 118 028	..	...	...	..	304 668 995	419 730 990	555 810 990	708 845 995	904 935	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 165 095	800 095 028	724 045 578	...	...	...	...	...	...	724 045 578	...	...
Jiwani ...													
Karachi ...	00 00	900 160 xxx	800 080 xxx	...	..	...	...	...	...	...	800 08x xxx	...	...
Lahore ...	00 00	900 162 042	800 122 522	...	...	...	...	...	...	...	800 122 522	...	...
Multan ...													
Peshawar ...	00 00	925 185 135	900 182 115	800 125 045	...	...	..	...	...	...	800 125 045	...	...
Quetta ...	00 00	770 000 990	...	...	...	...	...	...	...	...	770 000 090	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	31 04	29 03	27 01	22 01	16 01	03 01	29 10	25 23	24 29
Chaklala ...	...	28 07	26 06	20 08	22 08	26 11	29 16	36 35	03 52
Chhor ...	03 04	04 04	04 04	05 07	32 05	36 16	27 19	28 30	...
Chittagong ...	27 09	23 09	17 06	18 09	23 22	22 23	...	...	...
Cox's Bazar ...	31 08	30 07	29 07	25 14	...	...	...	...	...
Dacca ...	23 10	26 03	26 06	30 04	35 05	01 09	34 15	...	..
Dalbandin ...	...	...	21 09	22 10	25 09	25 21	27 15	...	
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 06	21 10	...	...	...
Port Sandeman ...	...	...	...	23 02	23 05	25 05	25 16	23 13	24 17
Jacobabad ...	18 03	21 02	21 02	24 05	23 07	23 08	28 18	27 17	28 18
Jessore ...	30 12	30 12	31 11	31 11	30 12	25 18	25 33	26 46	25 49
Jhelum ...	24 03	28 06	28 08	31 09	29 08	30 09	30 09	31 10	31 10
Jiwani ...	27 10	28 08	31 07	26 06	28 08	31 10	29 10	27 23	27 29
Karachi ...	19 06	08 04	05 08	06 10	05 05	25 04	27 25	28 27	28 32
Khanpur ...	19 03	18 05	24 06	25 03	20 03	...	...	...	...
Lahore ...	30 04	30 07	30 06	29 06	30 07	34 14	29 09	28 12	...
Multan ...	17 05	20 07	20 08	21 08	24 02	27 06	27 12	23 13	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	41 08	21 08	25 13	27 17	27 27	27 29
Peshawar ...	...	07 03	08 02	15 02	23 02	12 02	27 05	26 12	29 17
Quetta ...	...	...	...	...	30 02	25 09	21 34	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	20 06	20 05	20 04	15 06	15 09	...	...	...	...
Veraval ...	...	...	...	...	...		...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 06	33 08	33 09	29 08	27 05	06 06	28 12	28 15	28 17	...	...
Chaklala ...	...	15 01	23 03	23 05	19 08	21 10	24 10	25 22	...	...	...
Chhor ...	15 03	16 01	18 01	33 02	03 02	26 09	27 24	29 35	28 43	27 58	...
Chittagong ...	26 04	27 04	28 04	24 10	23 29	24 29	...	...	...	...	...
Cox's Bazar ...	01 08	34 07	33 06	22 11	22 23	24 23	24 31	24 35	25 34	...	...
Dacca ...	32 05	33 05	33 03	33 06	34 03	26 11	26 16	28 18	28 37	26 40	28 41
Dalbandin ...	...	...	14 09	24 07	25 15	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	19 06	...	...	...	...	...
Port Sandeman ...	...	...	...	03 02	21 12	21 16	...	...	...	...	...
Jacobabad ...	12 07	15 07	16 09	21 15	21 13	20 19	22 20	23 25	25 33	25 34	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	06 04	18 04	21 03	19 02	18 04	26 09	25 10	...	...	...	...
Jiwani ...	28 12	27 13	27 12	27 12	27 21	27 23	26 23	...	...	...	...
Karachi ...	33 09	30 07	26 06	19 09	18 03	20 11	27 26	27 29	27 48	27 70	...
Khanpur ...	16 06	14 09	14 05	22 03	23 05	20 09	25 08	25 16	25 18	25 27	...
Lahore ...	13 02	18 03	20 02	01 03	25 07	28 12	24 04	24 19	25 20	...	...
Multan ...	17 14	17 19	17 15	21 09	20 10	22 15	22 06	22 09	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 11	25 14	24 24	...	...	...	...	...
Peshawar ...	...	36 07	36 07	25 02	19 07	15 09	...	...	...	...	...
Quetta ...	...	...	...	...	20 09	24 09	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	16 01	17 04	15 04	12 05	12 11	15 13	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 08	32 06	32 06	35 04	35 04	25 08	27 19	25 26	26 33	25 29	27 51	27 55	27 61	...	...	...	..	..
Karachi ...	31 10	29 06	18 08	18 10	17 09	22 09	27 20	29 48	27 66	...	...	...	...	...	...	...	...	.
Peshawar ...	...	25 12	15 08	04 09	28 06	33 07	31 13	30 15	33 21	28 28	28 29	29 78	29 87	80 27	80 07	...		...
Quetta ...																...		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 661 62 226

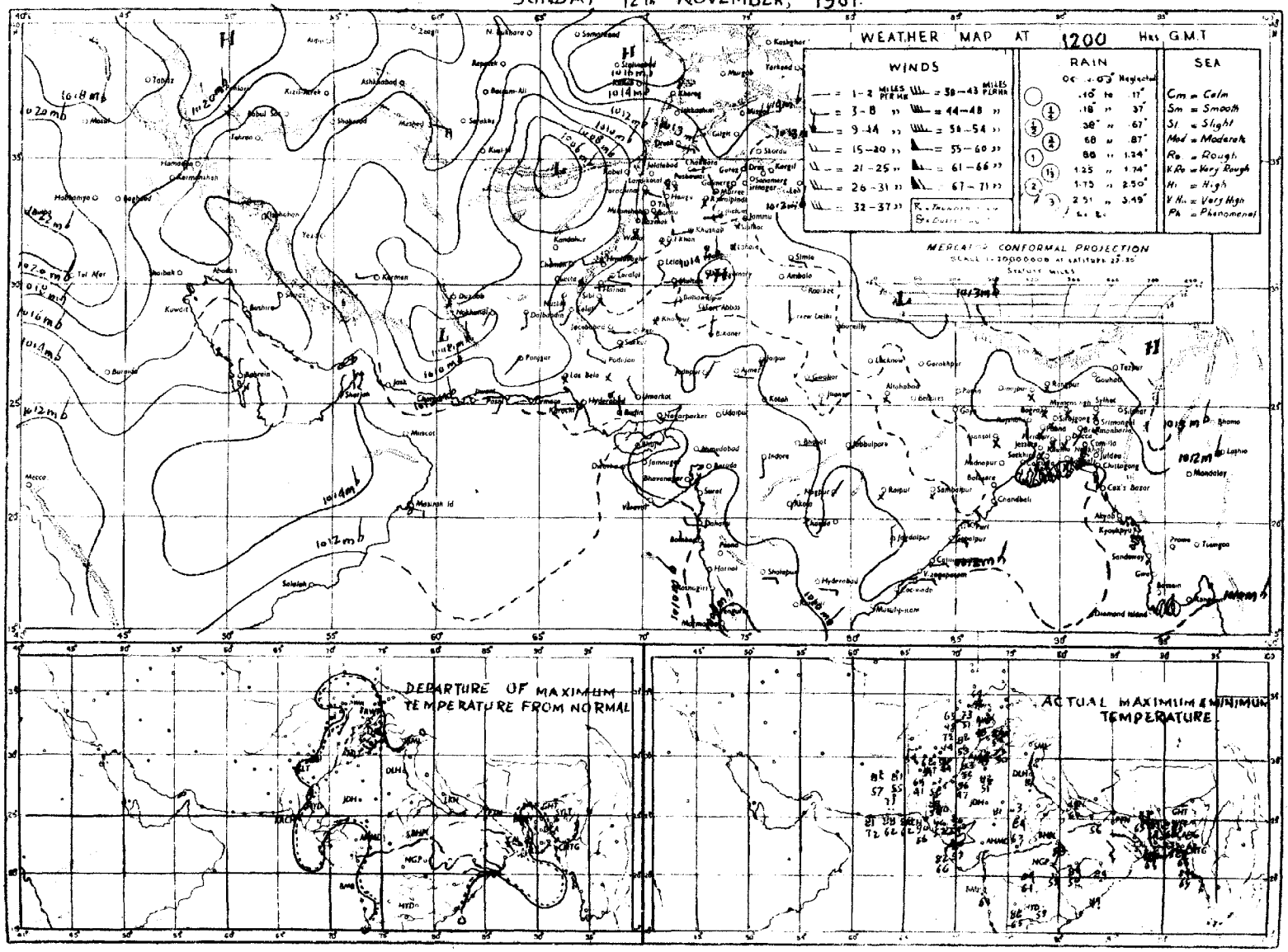
12 712 32 718

05 661 62 310
06 756 62 709
05 715 32 620
06 718 02 7xx

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

PAKISTAN DAILY WEATHER MAP

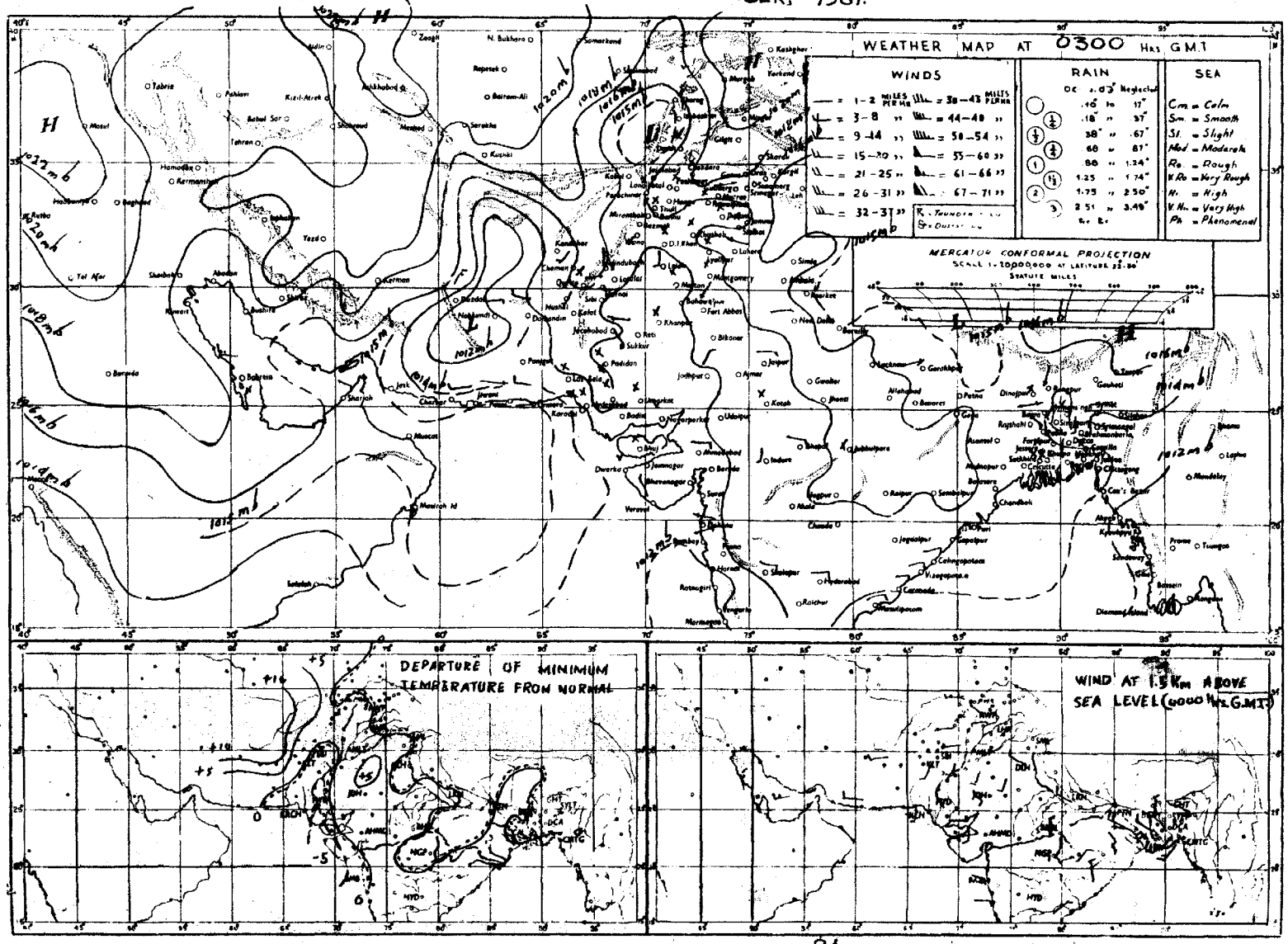
SUNDAY 12th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 13th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 14th NOVEMBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Peshawar division is moving away eastwards across Kashmir.

The secondary western disturbance now lies over Rajasthan and adjoining areas.

A fresh western disturbance lies over north Afghanistan with its secondary lying over Kalat division and adjoining areas.

Rainfall has been fairly widespread in Peshawar division, local in Quetta and Kalat divisions and scattered in Rawalpindi division.

Chief amounts of rainfall are: Turbat 1"; Chakdara 3/4"; Cherat, Wana and Chaman 1/2" each; Peshawar, Kakul, Landikotal, Quetta, Kalat and Panjgur 1/4" each.

Night temperatures were: 7-11°F above normal in Lahore, Multan and Bahawalpur divisions and 3-7°F so in Kalat, Quetta, Hyderabad, Khairpur and Sargodha divisions and 4-6°F below normal in Rawalpindi division.

Forecast valid until the evening of 15th November, 1961:—Rain/thundershowers will be local in Peshawar, Rawalpindi, Quetta, D. I. Khan, Sargodha and Lahore divisions and Kashmir and scattered in Multan, Bahawalpur, north Kalat and Khairpur divisions.

Karachi-11
The 14th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	0	00	00	xx	00	0	xxx	70	0	0	9	0	0	63	83
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	000	0	0	00	00	xx	00	0	113	74	0	0	9	0	0	63	83
	Maijdee Court	030	9	0	00	00	xx	00	0	107	75	0	0	9	0	0	66	81
	Comilla	000	0	6	00	00	95	03	2	098	76	6	5	5	0	0	68	85
	Brahmanbaria	300	0	2	00	00	xx	03	1	109	72	2	0	8	3	0	71	83
	Sylhet	000	0	1	00	00	xx	02	0	108	73	1	1	6	0	0	64	83
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	2	00	00	xx	01	0	113	78	2	2	4	0	0	65	83
	Narayanganj	000	9	2	00	00	xx	03	0	112	77	2	4	4	0	0	64	86
	Dacca (Tezgaon)	000	0	3	27	02	97	01	0	105	75	3	8	6	0	0	65	84
	Faridpur	000	0	0	00	00	95	05	0	112	75	0	0	9	0	0	65	81
Khulna	Barisal	000	0	4	00	00	97	02	2	107	79	4	0	9	4	0	57	83
	Khulna	000	0	0	00	00	xx	00	0	114	76	0	0	9	0	0	62	85
	Satkhira	000	0	2	00	00	96	01	0	116	76	1	4	7	3	x	67	83
	Jessore	000	0	0	36	03	97	00	0	119	75	0	0	9	0	0	62	85
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	103	77	0	0	9	0	0	66	81
	Sirajganj	000	0	0	00	00	xx	00	1	108	76	0	0	9	0	0	67	83
	Bogra	000	0	2	00	00	xx	02	0	109	77	2	1	6	0	0	70	82
	Dinajpur	000	0	0	00	00	xx	00	0	113	77	0	0	9	0	0	64	83
	Rangpur	000	0	1	00	00	96	01	0	116	75	1	0	9	2	0	66	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	6	00	00	96	01	1	130	70	6	0	9	7	0	56	80
	Sialkot	000	0	7	00	00	97	02	1	127	71	7	5	6	1	1	55	76
Rawalpindi	Jhelum	000	8	7	00	00	96	02	1	127	68	2	5	7	1	0	54	78
	Rawalpindi	000	0	7	00	00	97	02	2	134	65	6	5	6	6	0	54	72
	Campbellpur	000	0	8	18	02	97	03	2	127	68	0	0	9	2	2	44	73
Sargodha	Khushab	000	0	0	00	00	99	00	0	137	79	0	0	9	0	0	54	xx
	Lyallpur	000	0	5	00	00	96	02	0	124	76	0	0	9	0	4	46	76
Multan	Montgomery	000	0	7	00	00	96	03	3	120	72	0	0	9	0	6	54	81
	Multan	000	0	8	00	00	97	03	1	117	77	6	5	6	0	2	50	84
	Leiah	000	0	4	18	04	97	02	0	125	64	0	0	9	8	8	41	80
Bahawalpur	Khanpur	000	0	5	05	03	96	02	2	113	78	0	0	9	4	0	46	87
	Bahawalpur	000	0	9	09	02	98	00	0	113	78	0	0	8	0	0	60	80
	Fort Abbas	000	0	0	36	03	95	00	0	096	77	0	0	9	0	0	47	83
Peshawar	Chakdara	000	0	6	00	00	97	03	0	138	62	6	0	9	9	0	48	63
	Peshawar	000	0	8	00	00	95	04	2	147	63	3	5	6	2	1	52	65
	Haripur	000	1	7	34	03	95	03	2	140	66	7	6	6	0	0	48	70
D. I. Khan	Bannu	000	0	8	18	02	97	02	2	132	67	8	0	9	9	0	53	67
	D. I. Khan	000	5	8	05	04	97	03	2	123	70	3	0	9	2	0	53	74
Quetta	Sibi	000	6	6	00	00	97	03	2	107	79	0	0	9	3	0	67	81
Kalat	Nokkundi	000	9	4	34	05	98	01	5	109	74	4	0	9	3	0	45	74
	Turbat	000	0	2	23	02	98	02	1	080	84	0	0	9	0	7	55	89
	Jiwani	000	0	3	25	17	96	07	1	101	81	2	8	5	3	0	64	82
	Pasni	000	8	2	20	14	98	01	1	093	80	0	0	9	3	0	74	86
Karachi Division	Ormara	000	0	1	27	06	96	03	1	098	81	1	1	6	0	0	65	83
	Lasbela	000	0	3	00	00	96	30	3	076	90	0	0	8	4	5	60	91
	Karachi (Manora)	000	0	5	25	10	98	03	2	103	83	0	0	9	0	3	74	89
	Karachi (Airport)	000	0	1	23	07	96	02	0	095	84	0	0	9	0	0	45	88
Hyderabad	Nagarparkar	000	0	0	20	02	97	00	0	086	90	0	0	9	0	0	67	93
	Umerkot	000	0	3	31	01	98	02	0	082	86	0	0	8	5	0	55	92
	Hyderabad	000	0	0	00	00	97	02	0	090	89	0	0	9	0	0	40	93
	Badin	000	0	0	36	01	97	00	0	090	90	0	0	9	0	0	44	95
Khairpur	Padidan	000	0	6	00	00	97	02	1	195	85	6	0	9	2	0	33	89
	Nawabshah	000	0	5	00	00	97	03	0	093	83	5	0	9	2	0	59	91
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmore	000	0	4	00	00	99	02	0	115	80	4	1	6	0	0	36	86
	Jacobabad	000	0	7	00	00	96	02	0	099	79	5	0	9	5	4	47	81
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	8	00	00	96	03	1	496	46	8	5	4	1	1	33	52
Peshawar	Drosh *	002	6	8	23	05	96	50	6	516	46	8	5	6	1	1	39	55
	Cherat *	000	0	9	05	09	98	03	2	524	53	8	8	6	0	0	39	64
	Kakul *	000	8	8	23	03	97	02	2	505	57	5	5	7	4	1	35	62
	Landikotal *	000	0	8	00	00	96	20	2	500	56	8	0	9	2	1	44	59
	Parachinar *	000	0	8	13	01	98	08	5	515	47	8	0	9	8	0	40	52
D. I. Khan	Miranshah *	000	0	8	00	00	97	02	3	496	42	8	4	8	0	0	42	64
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	8	29	01	98	03	1	501	58	8	2	5	3	0	37	62
	Hindubagh *	014	6	8	36	00	96	00	0	512	46	8	8	5	0	0	40	56
	Loralai *	000	0	8	09	02	97	02	2	390	56	9	4	7	1	2	44	62
	Harnai *	006	9	7	09	01	96	21	6	xxx	xx	7	3	4	3	6	xx	xx
	Quetta *	012	2	8	00	00	94	02	1	502	46	8	8	5	0	0	46	50
	Chaman *	037	6	8	00	00	96	63	6	476	50	8	2	4	0	0	46	56
	Nushki *	004	5	8	18	05	98	03	5	515	54	8	6	9	0	0	54	64
	Dalbandin *	007	8	2	05	02	97	01	6	494	67	1	1	8	3	0	47	69
Kalat	Kalat *	000	3	8	27	05	97	03	5	494	50	x	x	7	x	x	42	61
	Panjgur *	021	1	0	00	00	98	01	6	485	64	7	6	6	0	0	62	72
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	000	5	1	09	05	95	43	4	160	77	1	2	5	0	0	69	67	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	5	02	02	97	03	0	144	77	2	1	6	3	0	66	66		— 2	0.9	— 1.4	186.7	140
	Chittagong	000	0	0	05	02	96	00	0	146	79	0	0	9	0	0	67	65	— 1	— 2	0.1	— 1.3	170.7	108
	Maijdee Court	000	9	0	36	02	98	00	4	149	75	0	0	9	0	0	69	65	— 2	— 2	0	— 1.1	124.5	115
	Comilla	000	0	0	00	00	97	02	0	156	76	0	0	9	0	0	68	64	0	— 1	0	— 0.9	76.9	94
	Brahmanbaria	000	0	0	18	02	97	00	1	151	75	0	0	9	0	0	64	66	—	—	0	— 0.9	65.4	78
	Sylhet	000	0	1	09	05	96	02	0	157	73	1	1	6	0	0	66	63	—		0.1	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	xxx	77	0	0	9	0	0	66	60		— 1	0.2	— 0.9	51.4	98
Dacca	Mymensingh	000	0	3	09	02	97	01	0	155	72	3	4	4	0	0	67	65	0	— 1	0.3	— 0.4	62.1	91
	Narayanganj	003	9	1	00	00	97	01	0	164	76	0	0	9	0	8	67	67	+ 2	0	0.3	— 0.5	62.9	74
	Dacca (Tezgaon)	000	0	[illegible]	00	00	97	02	0	142	75	1	0	9	4	0	68	63	—	—	0	—	81.2	—
	Faridpur	000	0	0	36	02	95	05	0	134	73	0	0	9	0	0	67	64	— 1	— 1	0	— 0.8	87.9	71
Khulna	Barisal	000	9	0	00	00	97	02	4	148	75	0	0	9	0	0	67	65	0	— 1	0	— 1.1	76.5	81
	Khulna	000	0	0	00	00	96	00	0	152	76	0	0	9	0	0	63	64	+ 2	— 1	0	— 0.9	56.5	60
	Satkhira	003	0	0	00	00	97	00	0	155	73	0	0	9	0	0	60	61	— 2	— 2	0	— 0.6	62.2	65
	Jessore	000	0	0	36	03	97	00	0	152	72	0	0	9	0	0	64	61	—	—	0	— 0.7	59.0	65
Rajshahi	Pabna	000	0	0	31	05	98	02	0	152	72	0	0	9	0	0	67	65	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	98	00	4	149	74	0	0	9	0	0	69	63	—	—	0.7	+ 0.1	50.0	64
	Bogra	000	0	2	09	02	96	03	0	150	73	2	6	4	0	0	69	65	0	+ 2	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	150	76	0	0	9	0	0	59	62	0	0	0	— 0.2	51.7	72
	Rangpur	000	0	1	05	02	96	01	0	154	73	1	0	9	2	0	67	63	—	—	0.1	— 0.3	60.2	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	02	2	164	62	3	5	7	7	0	53	61	— 4	+ 14	0	0	51.1	19
	Sialkot	000	0	6	13	03	97	01	2	163	66	6	4	6	x	x	51	61	— 4	+ 11	0	— 0.1	35.0	32
Rawalpindi	Jhelum	000	9	6	31	06	97	01	2	159	67	6	0	9	7	0	48	60	—	—	0	—	34.8	—
	Rawalpindi	005	0	8	27	02	99	02	2	180	57	6	0	9	9	0	53	51	— 6	+ 7	0.1	— 0.1	52.5	36
	Campbellpur	003	0	8	34	02	97	02	2	167	56	1	7	7	2	0	54	54	—	—	0	—	11.8	—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						15
	Lyallpur	000	0	5	00	00	95	03	1	167	57	0	0	9	1	0	53	49	— 6	0	0	0	13.9	12
Multan	Montgomery	000	0	6	05	02	96	03	0	161	65	0	0	9	0	9	52	57	— 4	+ 2	0	0	10.1	10
	Multan	000	5	3	36	07	97	02	5	154	64	3	0	9	3	0	49	62	0	+ 11	0	0	7.6	7
	Leiah	xxx	0	3	36	04	97	01	0	163	63	0	0	9	9	0	35	45	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	1	02	09	96	01	0	144	64	1	0	9	3	1	49	61	0	+ 10	0	0	12.6	6
	Bahawalpur	000	0	6	13	02	98	03	0	137	64	6	0	8	0	0	55	54	— 5	+ 3	0	0	4.9	6
	Fort Abbas	000	0	0	05	02	98	00	0	142	66	0	0	9	0	0	50	62	—	—	0	—	3.1	8
Peshawar	Chakdara	076	3	7	36	02	97	50	6	194	51	7	0	9	9	0	47	50	—	—	0.8	—	26.1	—
	Peshawar	037	9	8	00	00	96	60	6	197	56	x	x	x	x	x	54	53	— 12	+ 4	0.4	+ 0.3	18.2	11
	Haripur	000	5	7	13	02	96	03	5	181	55	7	6	6	0	0	49	54	—	—	0	—	28.6	—
D. I. Khan	Bannu	000	0	8	00	00	96	50	0	183	57	0	5	6	x	x	53	53	—	—	0	—	13.9	11
	D. I. Khan	000	2	5	00	00	98	01	1	165	63	0	0	9	0	5	54	51	— 9	+ 2	0	— 0.1	7.7	9
Quetta	Sibi	000	3	6	00	00	97	03	2	145	65	6	5	7	0	0	50	61	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	34	03	98	00	0	179	51	0	0	9	0	0	41	49	—	—	0	—	1.0	2
	Turbat	097	0	0	09	03	98	00	0	113	68	0	0	9	0	0	61	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	2	00	00	96	02	0	126	71	1	1	6	3	0	67	67	—	—	0	—	3.8	5
	Pasni	000	2	0	29	00	97	05	4	121	69	0	0	9	0	0	66	67	0	+ 7	0	0	5.4	6
Karachi Division	Ormara	000	0	0	00	00	96	00	0	126	70	0	0	9	0	0	62	62	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	121	63	0	0	9	0	0	48	60	—	—	0	—	9.1	8
	Karachi (Manora)	000	0	2	05	05	96	01	1	125	72	0	0	9	0	1	60	68	+ 3	+ 1	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	2	05	03	96	02	0	128	68	2	5	5	0	0	54	62	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	34	02	97	00	0	100	75	0	0	9	0	0	58	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	20	01	97	02	0	117	66	0	0	9	0	0	56	58	—	—	0	—	18.1	—
	Hyderabad	000	0	0	36	03	97	02	0	125	67	0	0	9	0	0	45	64	+ 3	+ 3	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	133	63	0	0	9	0	0	54	63	+ 3	+ 3	0	— 0.1	14.8	9
Khairpur	Padidan	000	0	4	31	07	97	03	1	138	60	4	0	9	1	0	50	53	—	—	0	—	11.1	—
	Nawabshah	000	0	1	31	03	97	02	0	143	60	1	0	9	3	0	51	58	—	—	0	—	9.3	4
	Sukkur	000	9	4	16	05	96	03	1	135	64	0	0	9	0	8	44	63		—	0	—	2.2	[illegible]
	Kashmore	000	0	0	05	04	99	00	0	146	75	0	0	9	0	0	41	63	—	—	0	—	1.8	4
	Jacobabad	000	0	1	00	00	97	02	0	143	63	1	0	9	3	0	30	58	— 6	+ 4	0	0	8.3	
Junagadh	Veraval																							28
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							34
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	013	9	8	00	00	95	61	1	535	40	8	5	4	x	x	38	36	— 6	— 6	0.2	0	69.5	59
Peshawar	Drosh *	016	9	8	00	00	96	53	5	520	45	8	5	6	x	x	43	44	— 10	0	0.2	—	23.1	18
	Cherat *	042	3	8	05	09	96	47	5	501	47	8	9	6	0	0	45	44	— 3	— 6	0.9	+ 0.8	34.4	29
	Kakul *	021	5	8	29	03	93	61	6	534	47	8	7	3	x	x	46	46	—	—	0.2	—	36.5	—
	Landikotal *	029	3	8	00	00	96	60	6	512	49	8	7	6	x	x	48	48	—	—	0.4	—	13.5	—
	Parachinar *	014	3	8	13	01	98	05	6	519	41	8	1	8	0	0	40	44	— 14	+ 4	0.2	—	29.5	29
D. I. Khan	Miranshah *	000	0	8	00	00	97	02	3	513	52	8	4	8	0	0	48	46	—	—	0	0	7.7	13
	Wana *	040	0	7	00	00	98	62	1	509	48	7	3	9	0	0	45	45	—	—	0.4	—	11.3	11
Quetta	Fort Sandeman *	004	0	5	02	01	95	05	6	518	47	5	5	6	3	0	45	47	— 11	+ 5	0	0	11.3	11
	Hindubagh *	014	0	8	31	02	96	00	0	506	35	8	8	5	0	0	30	30	—	—	0.1	—	5.9	—
	Loralai *	000	0	6	00	00	98	01	2	361	48	0	4	8	2	1	44	44	—	—	0	—	5.6	9
	Harnai *	006	9	8	27	02	95	21	6	xxx	xx	7	3	4	3	7	xx	xx	—	—	0.1	0	34.7	14
	Quetta *	026	9	4	00	00	96	01	2	506	48	0	2	5	3	0	33	42	—	—	0.3	+ 0.3	6.5	9
	Chaman *	047	0	7	36	03	98	02	1	513	50	7	2	5	0	0	46	50	— 13	+ 7	0.5	+ 0.5	6.7	8
	Nushki *	004	0	2	31	02	98	01	0	538	59	2	0	9	2	0	45	56	—	—	0	—	3.8	—
	Dalbandin *	007	2	0	00	00	93	44	4	494	45	0	0	9	0	0	43	43	— 10	+ 1	0.2	+ 0.2	2.8	4
Kalat	Kalat *	018	8	6	18	02	98	01	1	516	44	6	0	8	8	0	42	40	— 3	+ 9	0.2	+ 0.2	13.1	7
	Panjgur *	021	1	0	05	02	98	02	0	491	49	0	0	9	0	0	45	48	—	—	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Seihomaru	23 230	605 00	2 05 06	98 0 20	135 77	35 4 00	...	...	05 5 68	...
Udomaru	23 195	631 00	0 04 06	99 0 20	125 77	07 9 00	75 4 00	...	05 2 84	10 4 20
Acmaar	23 184	574 36	4 09 05	98 0 21	136 77	42 4 00		...	05 2 70	10 ? 21
World Hill	23 093	647 06	8 03 18	99 0 22	123 82	89 6 6x	65 1 xx	...	05 3 76	10 3 x1
Udomaru	23 204	636 06	1 03 25	99 0 20	145 79	16 4 00	75 2 06	...	00 0 68	10 3 20
Liderkerk	23 255	573 06	1 01 04	98 0 20	150 79	12 6 00	35 2 09	...	10 1 68	13 3 21
Ryuhomaru	23 173	681 06	6 01 09	98 0 30	130 82	60 6 10	75 2 10	...	00 0 74	...
Caltex The Hague	23 220	621 36	2 36 05	98 0 20	162 79	21 4 00	00 0 17	...	13 6 78	...
Seihomaru	23 221	619 06	1 29 03	98 0 20	140 81	13 4 00	35 4 00	...	00 0 72	
World Hill	23 081	704 06	4 xx xx	99 0 21	120 86	49 5 93	65 0 03	...	00 2 77	1x x x0
Shams	23 238	669 12	0 18 05	98 0 00	095 83	00 9 00	36 0 99	...	05 0 76	11 8 22
Seihomaru	23 210	630 12	2 34 05	98 0 20	120 82	21 4 00	35 6 30	...	00 3 72	...
Liderkerk	23 242	584 12	1 33 07	98 0 20	112 81	10 6 40	36 6 20	...	05 2 66	13 3 20
Ryuhomaru	23 182	670 12	6 36 09	98 0 21	110 82	60 8 05	75 4 00	...	05 1 74	...
Udomaru	23 214	624 12	3 02 04	99 0 20	120 81	31 4 00	75 7 10	...	00 2 66	10 2 20
Caltex The Hague	23 230	609 42	2 31 04	98 0 20	165 81	21 4 00		...	00 1 68	13 1 20
Caltex Eendhoren	23 147	506 12	3 10 04	98 0 20	180 81	12 4 09	56 7 08	...	00 1 72	11 0 21
Caltex The Hague	23 239	597 48	3 31 02	98 0 21	252 79	32 4 00	...	...	05 1 68	13 1 20
Leiderkerk	23 228	595 18	6 08 08	98 1 58	120 77	69 4 00	36 2 04	...	05 4 72	10 8 21
Bemara	23 134	743 18	1 29 05	98 0 20	100 84	1x x xx	75 1 10	...	05 2 75	12 9 22
Seihomaru	23 202	639 17	2 33 05	97 0 20	130 76	21 4 00	35 1 10	...	05 6 72	...
Oxfordshire	23 249	579 18	0 30 05	99 0 00	129 77	00 9 00	37 4 00	...	05 4 73	13 0 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 195 178	...	...	149 125 038	..	308 045 992	432 528 998	575 625 995	741 735 992	...	...	...	...
Jiwani ...														
Karachi ...	00 00	099 162 115	MISDA	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	991 192 142	...	...	150 085 085	...	308 530 990	429 605 992	567 658 992	733 725 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	976 138 122	...	...	157 122 082	...	313 042 512	438 002 568	582 582 672	752 668 995	964 778	246 912	439 020	782 030
Quetta ...		...		...	...		...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 165 038	800 082 015	725 028 582	...	...	...	...	...	...	725 028 582	...	...
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	..	...	...	...	...	...	...	...	...
Lahore ...	00 00	900 142 108	800 055 995	...	...	...	...	...	...	...	800 055 995	...	...
Multan ...													
Peshawar ...	00 00	940 158 115	900 142 102	800 105 062	...	...	..	...	...	...	800 105 062	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	28 07	29 04	29 04	31 02	31 02		...	...	...	...	...	...	...	...	...
Chaklala ...	...	21 03	32 03	01 01	23 05	17 09	21 25	...	...	...	...	...	...	...	...
Chhor ...	27 02	02 02	06 03	16 04	24 09	26 13	27 34	...	...	29 11	30 08	31 05	21 07	23 08	23 11
Chittagong ...	28 08	30 06	02 02	11 03	...	...	...	...	...	36 05	02 05	35 05	29 03	19 16	23 13
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	36 09	36 08	33 08	19 09	21 17	18 29
Dacca ...	30 10	30 10	31 11	33 08	33 08	32 06	...	...	...	29 03	27 01	29 02	02 05	33 07	27 12
Dalbandin ...	...	...	33 04	26 09	26 18	27 31	26 32	26 31	25 20	..	...	07 05	13 04	28 05	30 13
D.I. Khan ...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Drosh ...	No	...	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...
Fort Sandeman ...	...	...	...	28 03	16 03	...	...	...	...	...	...	...	06 03	19 12	...
Jacobabad ...	07 04	14 06	17 08	20 13	21 16	21 22	...	...	...	19 05	21 03	13 04	12 08	20 11	23 19
Jessore ...	28 13	29 13	29 13	32 10	35 07	32 10	...	...	...	34 15	33 13	31 11	32 08	03 07	31 17
Jhelum ...	...	...	...	...	...	...	...	...	...	35 07	32 04	31 04	30 07	...	...
Jiwani ...	26 17	27 16	28 15	29 17	28 22	27 31	26 38	27 40	27 51	27 13	25 14	29 13	32 11	29 03	...
Karachi ...	25 12	28 10	28 06	19 03	20 09	24 12	26 36	27 47	26 54	...	...	...	...	...	...
Khanpur ...	07 02	12 03	14 03	20 04	22 05	21 11	23 21	24 22	...	36 20	36 25	01 31	01 30	02 23	...
Lahore ...	33 03	33 03	34 01	26 02	26 08	24 14	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	03 13	06 06	06 03	25 04	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 11	35 13	29 15	...	...	...	...	..	...	01 07	01 04	31 04
Peshawar ...	...	33 03	05 09	08 08	16 07	...	...	...	...	No	Ascent	...	...	...	...
Quetta ...	No	...	Ascent	...	...	...	...	...	...	...	...	...	...	27 04	33 01
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 05	14 03	15 03	13 04	...	...	...	...	...	09 10	09 05	10 05	15 07	17 07	21 11
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	05 05	06 04	06 01	07 01	35 05	01 05	...	...	...	...	...
Chaklala ...	...	28 04	05 09	06 06	18 08	21 25	...	...	...	...	...
Chhor ...	27 03	24 04	24 04	23 05	21 05	24 12	26 33	26 44	26 53	...	...
Chittagong ...	28 02	29 04	29 04	28 06	22 13	23 15	28 16	27 23	27 22	...	
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	04 03	04 04	01 02	xx xx	xx xx	xx xx	28 19	28 19	27 22	29 30	27 54
Dalbandin ...	..	...	07 10	13 07	26 03	30 09	24 22	24 28	25 27	26 36	25 57
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	No	Ascent	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	03 04	16 05	21 16	...	...	...	...	...
Jacobabad ...	08 06	14 40	12 05	17 06	21 09	25 12	26 19	26 23	26 26	26 52	...
Jessore ...	33 07	33 09	33 10	33 09	36 03	29 16	...	...	...	...	...
Jhelum ...	31 06	04 04	07 03	13 05	19 09	20 13	23 06	24 19	23 23	...	...
Jiwani ...	28 06	27 09	26 07	27 05	23 08	26 20	26 22	24 24	23 35	25 46	...
Karachi ...	02 08	12 07	12 03	28 05	26 13	25 18	24 37	25 47	24 39	...	...
Khanpur ...	03 12	05 20	08 21	07 07	...	...	...	...	...	...	...
Lahore ...	14 03	17 05	09 06	21 04	11 10	13 12	...	...	...	...	...
Multan ...	06 05	09 06	10 04	11 01	25 06	26 17	26 17	27 23	27 29	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	..	...	...	06 07	35 01	25 06	24 15	23 18	24 21	24 29	26 70
Peshawar ...	...	11 02	06 04	01 01	...	...	...	...	...	...	...
Quetta ...	...	...	...	..	19 04	22 07	26 16	25 17	25 22	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	29 04	xx xx	27 02	25 02	30 04	01 08	27 15	27 20	26 18	27 17	...	...	...	...	...	...	...	...
Karachi ...	Misda																	
Peshawar ...	...	30 17	03 06	01 03	07 05	35 05	34 06	25 09	31 11	30 17	28 25	28 30	24 53	...	...	...	...	...
Quetta ...																		

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

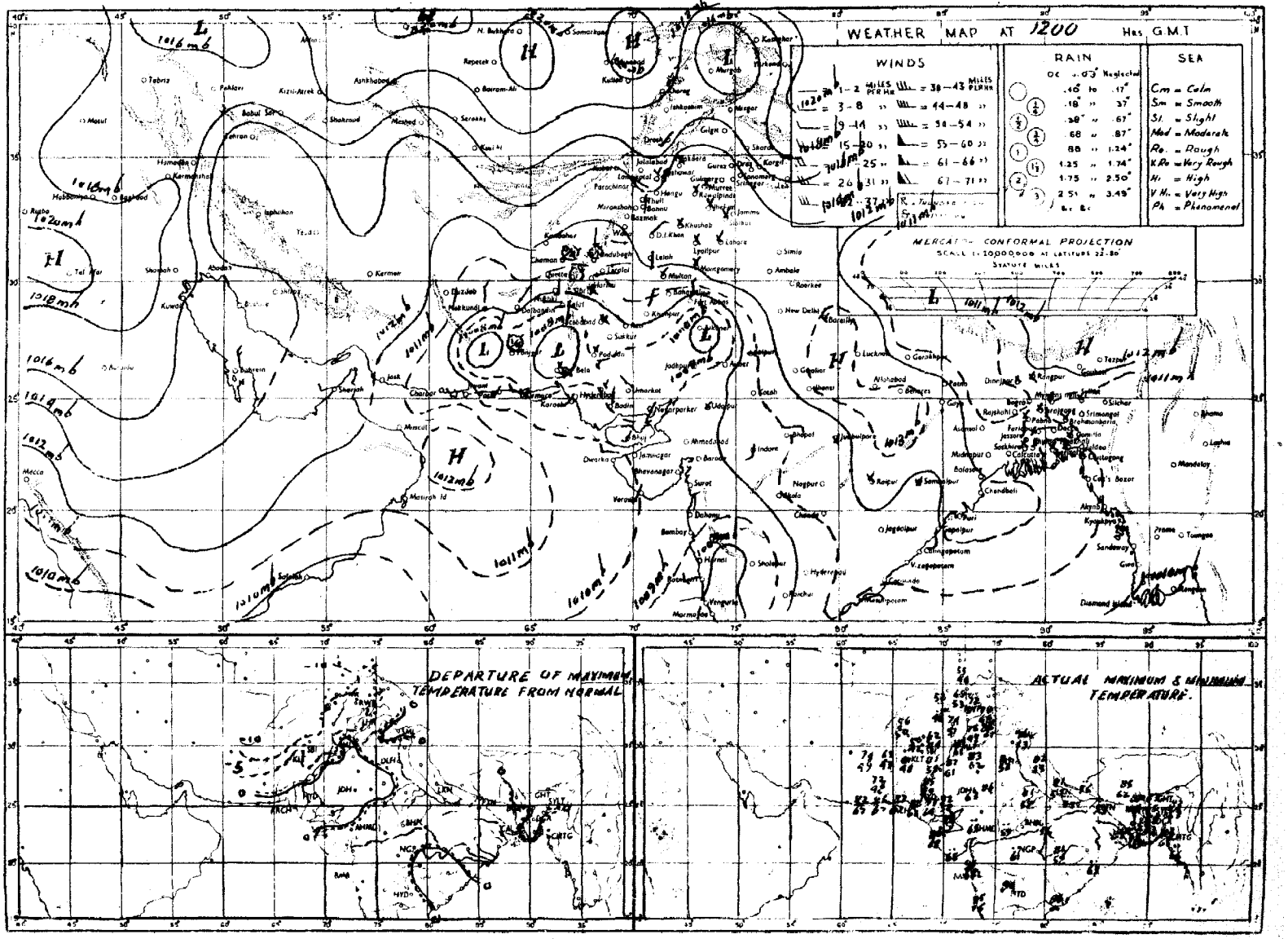
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 715 32 516 06 571 32 711

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

PAKISTAN DAILY WEATHER MAP

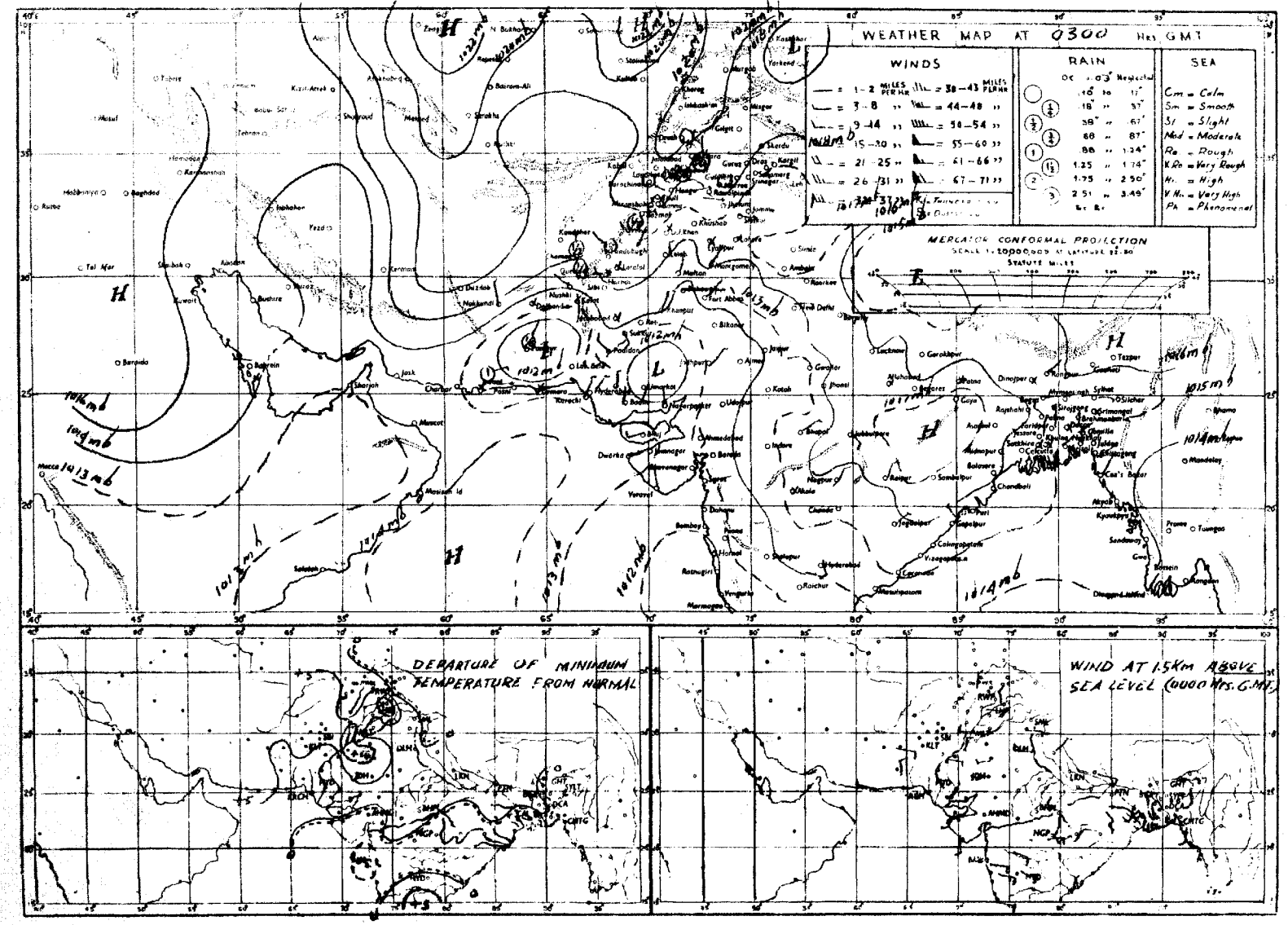
MONDAY 13th NOVEMBER, 1967.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 14th NOVEMBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 15th NOVEMBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over Rajasthan persists.

The western disturbance over north Afganistan now lies over northeast Afghanistan and adjoining areas while its secondary has moved to Quetta and adjoining Kalat divisions.

Rainfall has been fairly widespread in Peshawar division and scattered in Rawalpindi, D.I. Khan and Quetta divisions.

Chief amounts of rainfall are: Chakdara 1"; Peshawar, Cherat, Haripur and wana ½" each and Campbellpur and Drosh ¼" each.

Night temperatures were: generally 3-6°F above normal over West Pakistan.

Forecast valid until the evening of 16th November, 1961:—Rain/thundershowers will be fairly widespread in Peshawar and Rawalpindi divisions and in Kashmir, local in Lahore and D.I. Khan divisions and scattered in Quetta, Sargodha and Multan divisions.

Karachi-11
The 15th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	Rainfall in Cents RRR (AT 1200 Hrs. G.M.T. of Previous day)	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	Rainfall in Cents RRR (At 0300 Hrs. G.M.T. of date)	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
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	xx	00	4	121	76	0	0	9	0	0	65	84	000	6	2	36	05	94	43	4	161	73	1	2	5	0	9	64	67	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	1	34	02	xx	02	0	109	76	1	1	6	0	0	67	82	000	0	2	05	02	97	01	0	141	77	2	2	6	0	0	67	67	— 3	— 1	0.9	— 1.4	186.7	140
	Chittagong	000	0	0	29	02	xx	00	0	112	75	0	0	9	0	0	65	85	000	0	0	00	00	96	00	0	148	77	0	0	9	0	0	68	64	— 2	— 3	0.1	— 1.4	170.7	108
	Maijdee Court	000	9	0	00	00	xx	00	0	111	76	0	0	9	0	0	67	81	000	9	0	36	02	98	00	4	127	77	0	0	9	0	0	71	64	— 2	— 3	0	— 1.1	124.5	115
	Comilla	000	0	0	00	00	96	02	0	101	74	0	0	9	0	0	68	85	000	0	0	00	00	96	03	0	146	79	0	0	9	0	0	65	63	0	— 2	0	— 0.9	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	112	76	0	0	9	0	0	67	83	000	0	0	05	02	97	00	0	152	75	0	0	9	0	0	68	65	—	—	0	— 0.9	65.4	79
	Sylhet	000	0	1	00	00	xx	02	0	113	74	1	8	6	0	0	63	83	000	3	1	09	05	96	01	4	152	71	0	0	9	0	1	67	62	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	72	0	0	9	0	0	64	84	000	0	0	00	00	96	00	0	xxx	75	0	0	9	0	0	66	58	— 3	— 3	1.0	— 0.2	51.4	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	117	78	0	0	9	0	0	65	84	000	0	0	09	02	97	00	0	153	72	0	0	9	0	0	65	64	+ 1	— 2	0.3	— 0.4	62.1	91
	Narayanganj	000	9	1	00	00	xx	01	0	113	78	1	5	5	0	0	65	86	000	9	0	00	00	97	28	4	150	75	0	0	9	0	0	67	68	+ 2	+ 1	0.3	— 0.5	62.9	74
	Dacca (Tezgaon)	000	0	2	00	00	97	02	0	107	76	2	8	6	0	0	65	83	000	0	0	00	00	95	05	4	147	75	0	0	9	0	0	66	65	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	115	76	0	0	9	0	0	65	82	000	0	0	34	02	95	05	0	145	74	0	0	9	0	0	69	xx	0	—	0	— 0.8	87.9	71
Khulna	Barisal	000	0	0	00	00	97	02	0	113	80	0	0	9	0	0	64	85	000	0	0	00	00	97	02	0	147	76	0	0	9	0	0	67	67	+ 2	+ 1	0	— 1.1	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	113	76	0	0	9	0	0	67	85	000	0	0	00	00	97	00	0	152	77	0	0	9	0	0	66	66	+ 2	+ 1	0	— 0.9	56.5	68
	Satkhira	000	0	3	00	00	96	03	0	116	78	2	4	7	3	0	64	84	000	0	0	00	00	97	02	0	154	74	0	0	9	0	0	66	63	— 1	0	0	— 0.6	62.2	65
	Jessore	000	0	2	36	02	97	01	1	117	76	2	4	6	0	0	67	83	000	0	0	00	00	97	00	0	148	71	0	0	9	0	0	66	62	—	—	0	— 0.7	59.0	65
Rajshahi	Pabna	000	0	1	00	00	xx	01	0	102	77	0	0	9	0	1	71	83	000	0	0	36	05	98	00	0	152	73	0	0	9	0	0	67	65	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	110	76	0	0	9	0	0	68	85	000	0	0	00	00	97	00	4	149	75	0	0	9	0	0	67	65	—	—	0.7	+ 0.1	50.0	64
	Bogra	000	0	2	00	00	xx	02	0	111	77	2	4	5	0	0	59	82	000	0	0	36	02	96	00	0	151	73	0	0	9	0	0	61	64	0	+ 1	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	113	77	0	0	9	0	0	66	85	000	0	0	00	00	96	00	0	152	75	0	0	9	0	0	69	61	+ 2	— 1	0	— 0.2	51.7	72
	Rangpur	000	0	2	00	00	96	01	1	116	75	2	0	9	1	0	66	82	000	0	0	02	02	96	02	0	157	73	0	0	9	0	0	63	62	—	—	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	2	00	00	96	02	0	142	70	2	0	9	3	0	58	75	000	3	3	00	00	96	02	0	168	57	2	0	9	3	0	51	53	— 9	+ 6	0	0	51.1	19
	Sialkot	000	0	4	00	00	97	02	1	138	71	4	0	9	3	0	53	76	000	0	0	00	00	97	00	0	166	65	0	0	9	0	0	52	56	— 6	+ 6	0	— 0.1	35.0	32
Rawalpindi	Jhelum	000	8	3	31	05	98	01	1	132	72	3	0	9	7	0	49	81	000	0	6	00	00	96	01	2	162	59	1	1	7	0	7	53	55	—	—	0	—	34.8	—
	Rawalpindi	000	0	7	00	00	99	02	2	164	62	6	5	6	6	0	51	66	000	0	8	27	02	98	02	5	177	55	8	5	6	x	x	51	53	— 12	+ 9	0.1	— 0.1	52.5	36
	Campbellpur	000	2	7	36	02	97	50	5	169	58	7	0	9	2	0	52	61	020	5	8	36	02	96	02	6	174	54	8	0	9	6	x	52	53	—	—	0.2	—	12.0	—
Sargodha	Khushab	000	0	6	05	02	99	02	2	144	72	0	0	9	0	6	50	75	000	0	7	00	00	99	03	2	173	60	0	0	9	0	3	51	53	— 9	+ 2	0	0	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	139	75	0	0	9	0	0	56	75	000	0	6	00	00	94	04	1	159	55	6	0	9	4	0	52	52	— 7	+ 3	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	129	76	0	0	9	0	0	xx	82	000	0	3	05	02	96	02	1	155	62	3	0	9	4	0	51	56	— 3	+ 4	0	0	10.1	10
	Multan	000	0	1	00	00	98	01	0	129	76	1	0	9	3	0	51	80	000	0	3	36	02	98	02	0	157	60	2	5	6	3	0	53	57	— 4	+ 6	0	0	7.6	7
	Leiah	000	0	4	36	04	97	02	1	105	75	4	0	9	1	0	51	77	000	0	6	36	02	97	03	2	144	62	0	0	9	9	0	41	46	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	3	05	09	96	05	0	117	76	3	0	9	3	0	51	81	000	0	2	05	12	96	02	0	146	62	2	0	9	3	0	51	58	— 6	7	0	0	12.6	6
	Bahawalpur	000	0	6	00	00	98	02	2	123	77	6	0	8	8	0	61	80	000	0	0	23	02	98	00	0	141	64	0	0	9	0	0	59	57	— 5	+ 6	0	0	4.9	6
	Fort Abbas	000	0	0	09	02	98	00	0	120	75	0	0	9	0	0	58	88	000	0	0	13	02	98	00	0	149	66	0	0	9	0	0	57	57	—	—	0	—	3.1	8
Peshawar	Chakdara	010	8	7	27	02	97	50	5	173	52	7	0	9	9	0	48	52	092	0	5	36	02	97	02	6	165	49	5	0	9	9	0	47	47	—	—	1.7	—	27.0	—
	Peshawar	037	8	8	00	00	98	02	6	184	59	7	7	4	2	x	52	59	057	7	7	00	00	97	01	6	177	58	7	7	4	2	0	53	53	— 18	+ 4	0.9	+ 0.9	18.8	11
	Haripur	000	6	7	05	05	97	03	2	170	59	7	6	6	0	0	48	61	049	1	8	23	03	95	21	6	179	52	8	6	6	x	x	48	50	—	—	0.5	—	29.1	—
D.I. Khan	Bannu	000	0	8	00	00	97	02	2	148	67	8	0	9	6	x	50	67	009	0	6	00	00	99	02	5	162	54	5	3	7	2	0	xx	xx	—	—	0.1	—	13.9	11
	D. I. Khan	000	6	5	05	02	98	02	1	138	70	5	0	9	1	0	56	74	000	2	5	00	00	98	01	1	158	59	0	0	9	0	5	54	57	— 9	+ 8	0	— 0.1	7.7	9
Quetta	Sibi	000	6	5	18	03	98	01	1	117	79	5	0	9	3	0	42	81	000	0	0	00	00	96	05	0	151	61	0	0	9	0	0	50	56	—	—	0	—	5.6	5
*Kalat	Nokkundi	000	0	0	16	03	98	00	0	103	75	0	0	9	0	0	49	77	000	0	0	31	03	98	00	0	148	57	0	0	9	0	0	41	55	—	—	0	—	1.0	2
	Turbat	000	0	4	18	10	98	03	0	080	84	0	0	9	0	7	55	89	000	0	0	09	02	98	00	0	141	66	0	0	9	0	0	55	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	1	23	10	98	02	0	108	79	1	1	6	0	0	59	83	000	0	1	36	02	97	02	0	143	69	1	1	6	0	0	62	67	—	—	0	—	3.8	5
	Pasni	000	8	4	25	10	98	02	1	105	80	0	0	9	0	3	71	86	000	0	3	29	03	98	01	1	141	65	0	0	9	2	0	62	63	0	+ 3	0	0	5.4	6
Karachi Division	Ormara	000	0	5	18	05	96	03	1	099	61	5	1	6	0	0	55	85	000	0	0	00	00	96	00	0	134	67	0	0	9	0	0	65	63	—	—	0	0	9.9	6
	Lasbela	000	0	4	00	00	96	02	1	141	85	2	0	9	6	6	61	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	6	27	10	98	03	2	099	82	6	0	9	3	0	73	87	000	0	0	05	05	97	02	0	137	73	0	0	9	0	0	63	68	+ 1	+ 1	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	6	23	05	96	03	0	103	81	6	0	9	5	0	58	87	000	0	0	00	00	96	02	0	145	67	0	0	9	0	0	59	63	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	25	03	97	00	0	072	86	0	0	9	0	0	66	92	000	0	0	00	00	97	00	0	109	68	0	0	9	0	0	58	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	29	01	98	02	0	093	87	0	0	9	0	0	55	92	000	0	0	20	01	97	02	0	132	62	0	0	9	0	0	55	57	—	—	0	—	18.1	—
	Hyderabad	000	0	3	00	00	97	03	0	103	80	0	0	9	0	8	53	85	000	0	0	36	02	96	05	0	143	67	0	0	9	0	0	52	63	— 5	+ 2	0	0	12.9	7
	Badin	000	0	0	36	02	97	00	0	125	86	0	0	9	0	0	36	92	000	0	0	36	02	97	00	0	144	65	0	0	9	0	0	56	65	0	+ 5	0	— 0.1	14.8	9
Khairpur	Padidan	000	0	0	05	05	97	02	0	110	80	0	0	9	0	0	49	82	000	0	0	00	00	97	02	0	147	59	0	0	9	0	0	52	57	—	—	0	—	11.1	—
	Nawabshah	000	0	0	31	05	97	02	0	121	81	0	0	9	0	0	47	83	000	0	0	00	00	96	02	0	149	61	0	0	9	0	0	54	59	—	—	0	—	9.3	—
	Sukkur	000	5	0	16	05	96	02	0	109	80	0	0	9	0	0	51	81	000	4	4	02	03	96	03	0	144	64	0	0	9	0	8	49	58	—	—	0	—	2.2	4
	Kashmore	000	0	0	05	05	99	00	0	153	78	0	0	9	0	0	33	86	000	0	0	05	03	99	00	0	147	60	0	0	9	0	0	55	55	—	—	0	—	1.8	—
	Jacobabad	000	0	6	13	05	96	02	2	115	82	1	1	8	5	0	41	85	000	0	3	00	00	97	02	0	152	63	3	0	9	5	0	46	60	— 2	+ 6	0	0	8.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	002	9	8	02	13	95	03	6	515	42	8	4	4	x	x	32	44	005	2	8	11	09	95	03	6	517	40	8	4	3	x	x	37	37	— 14	— 5	0.3	0	69.5	59
Peshawar	Drosh *	008	8	8	00	00	95	50	5	504	51	8	5	6	x	x	42	53	028	8	7	00	00	96	01	6	494	45	5	8	6	6	0	42	44	— 12	0	0.4	—	23.4	18
	Cherat *	010	8	8	31	11	95	20	5	584	57	8	9	6	x	x	45	58	010	3	8	30	17	93	28	5	573	46	8	9	6	x	x	44	45	— 9	— 5	1.0	+ 0.9	34.5	29
	Kakul *	004	8	8	29	05	95	02	5	515	49	8	7	4	x	x	45	51	013	5	8	27	07	94	63	6	526	46	8	9	4	x	x	45	45	—	—	0.3	—	36.6	—
	Landikotal *	005	9	8	13	04	96	02	6	496	50	8	7	5	x	x	47	50	009	0	9	23	03	91	45	4	485	47	9	x	0	x	x	47	46	—	—	0.5	—	13.6	—
	Parachinar *	000	9	8	13	01	98	50	5	514	45	8	0	8	9	x	42	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 20					29
D.I. Khan	Miranshah *	000	0	8	00	00	97	02	3	499	58	8	4	8	x	x	49	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	045	0	0	00	00	99	00	0	517	47	0	0	9	0	0	41	41		—	0.9	—	11.8	11
Quetta	Fort Sandeman *	000	0	7	02	01	98	03	0	542	56	7	5	5	0	0	43	60	000	0	0	00	00	96	05	0	517	50	0	0	9	0	0	44	45	— 13	+ 3	0	0	11.3	11
	Hindubagh *	000	0	6	09	03	97	02	0	484	49	6	8	6	0	0	41	55	000	0	0	27	03	97	00	0	501	45	0	0	9	0	0	34	31	—	—	0.1	—	5.9	—
	Loralai *	000	0	4	16	03	99	02	2	385	61	2	0	9	1	2	41	64	000	0	0	34	03	97	02	0	361	47	0	0	9	0	0	38	39	—	—	0	—	5.6	9
	Harnai *	000	9	7	09	01	96	21	6	xxx	xx	7	3	4	3	6	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	0	34.7	14
	Quetta *	000	0	5	18	02	96	02	1	490	58	5	3	5	0	0	45	61	000	9	4	00	00	96	01	2	517	44	4	0	9	3	0	30	38	—	—	0.4	+ 0.4	6.6	9
	Chaman *	000	0	6	27	03	98	02	1	478	60	6	2	5	0	0	42	61	000	0	6	27	05	98	02	2	500	49	6	2	5	0	0	41	46	— 8	+ 3	0.5	+ 0.5	6.7	8
	Nushki *	000	0	0	00	00	98	02	0	536	67	0	0	9	0	0	44	69	000	0	0	09	05	98	02	0	551	58	0	0	9	0	0	42	50	—	—	0	—	3.8	—
	Dalbandin *	000	7	2	13	05	98	03	0	458	69	2	1	7	0	0	42	71	070	9	2	13	02	97	01	0	503	49	2	0	9	3	0	43	xx	— 8	—	0.2	+ 0.2	2.8	4
Kalat	Kalat *	000	5	5	23	05	98	02	1	478	54	5	0	9	7	0	27	58	000	0	0	13	02	98	00	0	534	40	0	0	9	0	0	31	34	— 6	+ 3	0.2	+ 0.2	13.1	7
	Panjgur *	000	0	0	23	02	98	02	0	493	72	0	0	9	0	0	35	73	000	0	0	05	02	98	02	0	506	51	0	0	9	0	0	41	48	—	—	0.2	—	5.2	5
Afghanistan	Kabul *																																								
	Kandhar *																																								12

† Given in Code.

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

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

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

Whenever 999 las iven or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lhC_mC_H$	D_aV_s a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_dT_d$	Id$_w$ d$_w$ P$_w$ H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ryuhonaru	... ...	33 199	647 00	0 36 09	98 0 20	125 77	00 9 00	75 4 00	...	05 4 72	...
Oxfordshire	... ...	33 235	591 00	6 18 13	99 0 30	116 76	65 6 00	37 7 04	...	05 3 73	11 8 32
Laiderkerk	... ...	33 200	587 06	1 29 04	98 0 20	137 79	11 7 00	56 2 13	...	05 1 70	12 9 20
Selhomaru	... ...	33 185	663 06	1 05 04	98 0 20	130 82	10 9 40	35 0 00	...	00 2 82	...
Oxfordshire	... ...	33 213	598 06	1 01 26	99 0 20	143 78	11 5 00	57 1 05	...	05 4 77	10 1 21
Sarnia	... ...	33 256	573 12	1 26 09	99 0 20	118 79	12 6 00	36 6 14	...	05 1 69	12 6 20
Selhomaru	... ...	33 176	673 12	1 05 08	98 0 20	100 88	11 4 41	35 6 30	...	00 6 77	...
Laiderkerk	... ...	33 186	577 12	0 13 06	98 0 20	130 81	00 9 00	56 5 09	...	00 0 70	11 3 20
Laiderkerk	... ...	33 175	566 18	1 18 03	98 0 20	127 77	10 9 40	56 1 01	...	05 2 70	11 8 22
Ryuhonaru	... ...	33 227	612 18	1 00 00	96 0 20	148 79	11 4 00	75 2 08	...	05 6 75	...
BAY OF BENGAL										
Flint Land	... ...	32 175	911 06	1 36 09	99 0 30	124 81	00 9 05	...	...	03 6 72	10 3 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTdTdTd						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...		23 00	011 202 185	106 228 195	...	150 135 072	...	310 055 999	434 522 999	576 615 999	...	...	...	...
Jiwani ...														
Karachi ...		00 00	010 192 182	102 225 202	...	150 145 092	...	310 038 999	434 530 999	576 612 999	743 722 999	949 828	232 032	406 125	...
Lahore ...		00 00	990 185 065	127 xxx xxx	...	150 135 032	...	313 035 632	436 582 999	576 645 999	741 780 999	835 890	...	...	...
Multan ...														
Peshawar ...		00 00	974 155 152	...	...	144 082 082	...	306 015 015	429 545 545	569 645 645	734 778 999	933 940	196 065	376 090	...
Quetta ...		00 00	833 065 038	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...		23 00	900 172 128	800 080 xxx	...	...	...	...	...	...	800 080 xxx	...	...
Jiwani ...													
Karachi ...		00 00	900 178 125	800 512 022	350 800 999	250 910 999	...	...	...	...	250 910 999	...	...
Lahore ...		00 00	900 155 012	800 092 508	350 840 999	250 940 999	...	...	...	...	250 940 999	...	...
Multan ...													
Peshawar ...		00 00	900 098 098	800 062 062	350 860 999	250 020 999	...	...	...	...	250 020 999	...	...
Quetta ...		00 00	...	MISDA	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	24 03	25 04	27 04	31 03	31 05	33 07	...	...	...	36 14	36 05	36 08	...	...	...	36 05	35 09	36 10	34 07	35 03	31 21	29 24	29 30	29 31	...	...
Chaklala ...	...	30 05	03 06	09 05	17 10	19 21	...	...	...	...	34 01	34 12	15 21	17 15	...	No	Ascent									
Chhor ...	25 03	26 03	22 04	21 06	21 05	22 15	25 36	25 39	25 45	30 08	30 09	19 09	28 11	16 14	18 45	31 10	34 11	34 09	34 05	26 05	25 17	26 29	26 35	25 43	...	...
Chittagong ...	34 04	01 04	01 04	29 04	25 07	...	...	...	...	01 09	01 07	01 09	36 06	26 04	26 14	01 05	36 05	01 05	36 08	29 05	28 09	27 24	30 42	30 45	30 63	...
Cox's Bazar ...	34 13	35 12	35 10	04 08	22 04	24 10	...	...	...	01 11	01 09	01 08	28 06	25 06	27 14	01 09	01 08	01 08	33 07	21 08	28 15	28 18	32 68	...	...	...
Dacca ...	29 04	33 04	33 04	36 04	01 05	33 14	...	...	...	33 01	02 01	31 02	32 04	32 05	29 18	33 02	34 02	34 02	28 04	30 06	29 15	xx xx	26 38	30 56	29 68	...
Dalbandin ...	...	...	14 02	29 01	25 11	26 11	27 20	26 34	24 36	...	...	05 05	27 04	26 10	27 11	...	...	06 07	03 08	34 08	27 16	30 19	28 26	29 30	28 44	28 74
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	No	...	...	Ascent	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	02 07	14 05	...	...	...	...	...	...	...	27 02	22 14	26 19	...	...	...	23 03	24 11	28 23	26 27	25 33	26 46	...	...
Jacobabad ...	10 06	10 09	10 11	09 08	13 09	16 07	...	...	...	04 15	07 16	12 12	13 04	22 04	26 12	...	...	...	29 03	30 06	26 08	26 27	26 37	25 36	26 49	...
Jessore ...	26 10	...	...	...	...	...	...	...	...	35 08	34 10	34 10	36 06	33 05	30 17	01 06	35 09	36 10	34 07	35 03	31 21	29 24	29 30	29 31	...	...
Jhelum ...	32 08	35 04	36 04	12 07	15 16	16 18	23 07	23 17	26 20	14 04	12 10	12 12	11 09	11 09	11 12	29 05	26 08	22 03	18 13	18 15	17 19	...	...	...	...	...
Jiwani ...	25 09	26 11	26 13	25 13	25 17	26 1	27 31	27 33	26 32	32 18	27 11	25 10	27 16	27 13	28 09	32 09	30 09	31 09	33 11	36 06	31 06	27 20	27 21	27 27	26 38	25 78
Karachi ...	20 08	18 04	22 03	23 07	23 09	24 21	...	...	...	...	...	...	...	...	...	12 01	01 02	34 03	32 07	32 09	29 16	26 25	26 31	25 38	...	...	...
Khanpur ...	03 15	05 16	06 16	09 12	17 06	20 05	22 18	27 20	25 31	04 23	04 21	07 21	09 20	10 17	...	35 07	01 06	31 04	27 04	27 08	25 10	22 25	...	...	...	...
Lahore ...	07 05	13 05	15 05	15 01	15 04	15 09	12 10	11 04	27 02	11 08	13 07	11 06	14 05	13 09	16 10	03 01	06 03	13 03	17 08	18 13	18 10	23 13	25 13	27 14	24 35	...
Multan ...	04 05	08 05	08 08	08 05	25 04	23 11	25 23	26 25	26 33	03 05	36 01	04 02	18 09	24 11	24 13	03 01	20 03	22 04	25 07	24 10	25 21	25 31	25 44	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panigur ...	...	...	...	26 05	18 04	22 06	26 24	27 22	27 26	...	...	...	26 10	21 04	31 07	...	...	...	33 08	29 05	02 06	27 20	27 30	28 36	27 45	...
Peshawar ...	...	21 02	07 04	06 07	13 11	...	...	...	...	...	06 09	03 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	21 06	20 09	...	...	...	...	...	...	...	29 03	03 01	...	...	...	...	27 06	28 19	27 31	27 42	27 47	...	...
Shariah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 02	09 02	21 01	01 01	30 03	...	...	...	...	10 09	10 03	19 02	11 03	18 05	...	10 03	12 01	22 01	xx xx	xx xx	09 12	09 23	10 27	11 36	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	20 02	22 03	01 09	06 07	02 11	17 17	28 49	24 64	26 57									
Karachi ...	33 11	31 08	30 09	30 11	27 13	24 17	25 21	26 31	26 39	26 58	76 03	76 16	...	...	...	...	...	...
Peshawar ...	...	02 10	11 07	15 07	25 11	23 09	28 17	31 22	28 24	29 29	29 43	29 47	30 62	29 05	...	...	...	...
Quetta ...																		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

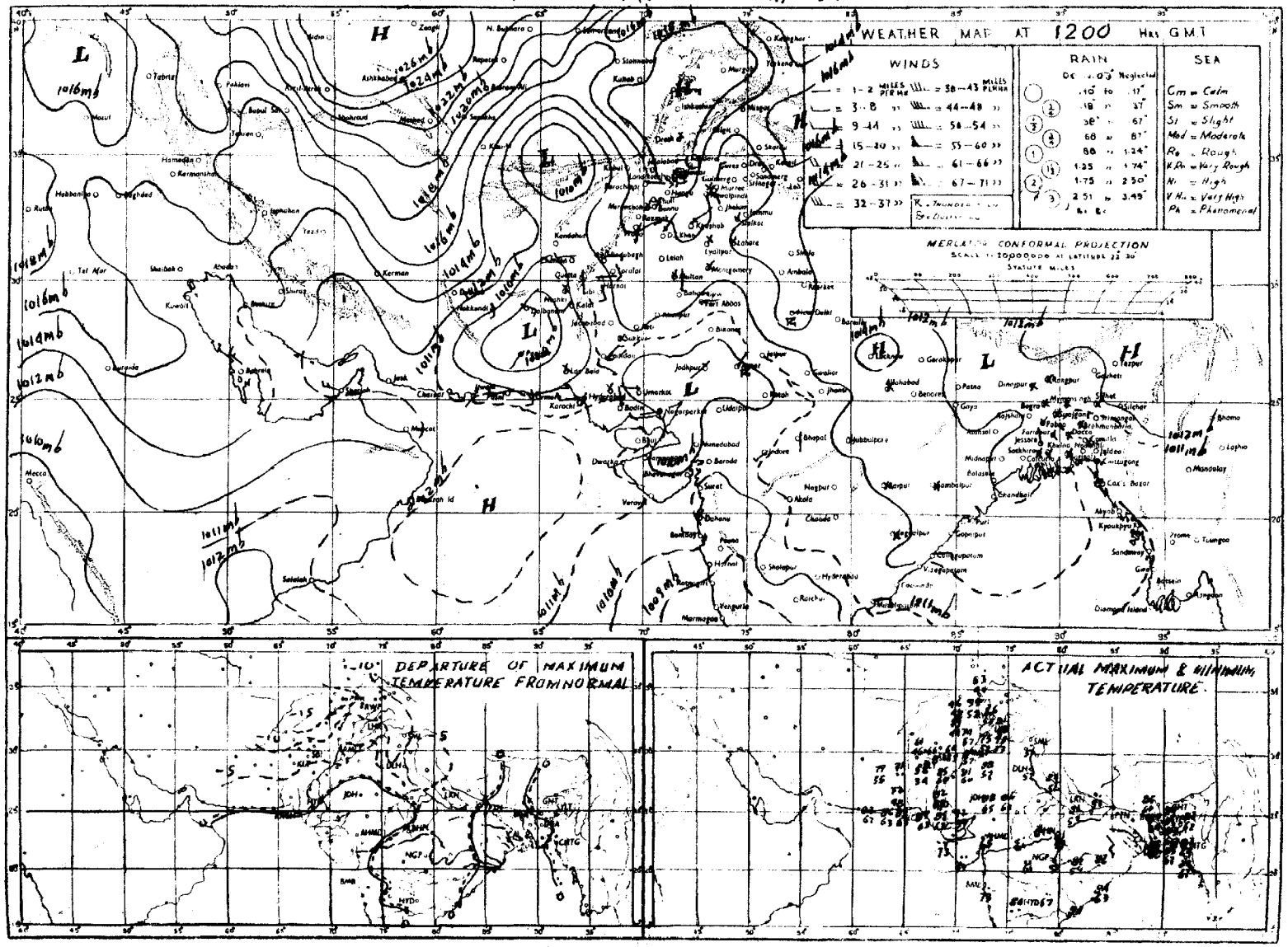
11 715 31 916

05 745 32 647

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

PAKISTAN DAILY WEATHER MAP

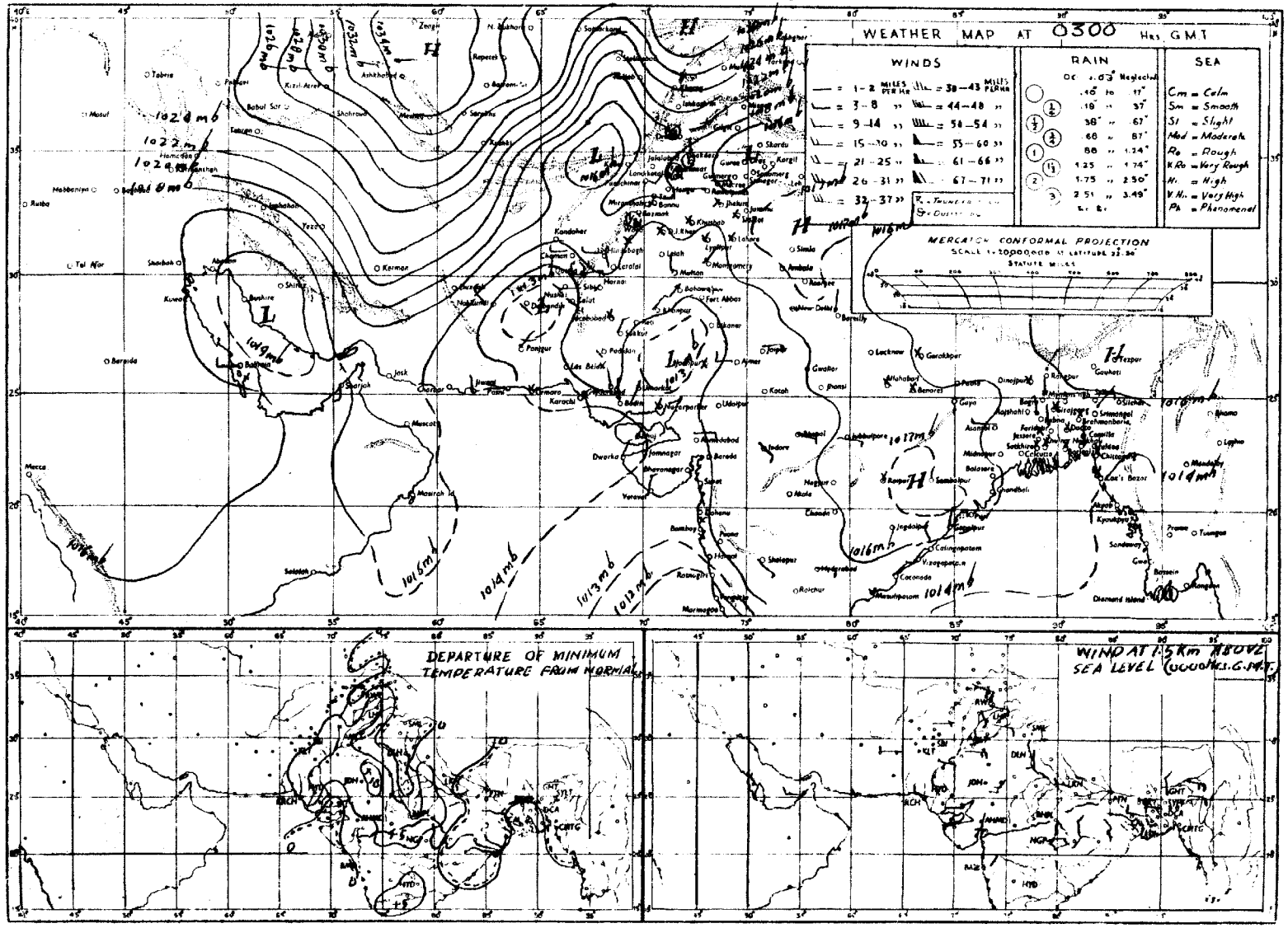
TUESDAY 14th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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THURSDAY THE 16th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

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

The western disturbance over northeast Afganistan is moving away across east Russian Turkistan. Its secondary lies over Sargodha division and adjoining areas.

Rainfall has been widespread in Rawalpindi division, fairly widespread in Lahore division and local in Peshawar division. Light rain has also fallen in Quetta division.

Weather remained dry elsewhere in the country.

Chief amounts of rainfall are: Kakul 2"; Rawalpindi 1½"; Murree and Haripur 1" each; Sialkot and Jhelum 3/4" each; Cherat 1/2" and Campbellpur ¼".

Night temperatures were: 6-10°F above normal in Lahore division and 3-5°F so in Sargodha, Multan, D. I. Khan and Karachi divisions.

Forecast valid until the evening of 17th November, 1961:—Local rain/thundershowers will occur in Rawalpindi, Lahore and Sargodha divisions and Kashmir and scattered in Peshawar, Multan and Bahawalpur divisions. Weather will remain dry elsewhere in the country.

Karachi-11
The 16th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	7	9	27	02	xx	00	4	121	77	9	x	9	x	x	65	83
	Cox's Bazar	000	0	0	31	07	xx	02	0	114	77	0	0	9	0	0	75	83
	Chittagong	000	0	0	00	00	xx	00	0	115	76	0	0	9	0	0	65	83
	Maijdee Court	000	0	0	00	00	xx	00	0	113	77	0	0	9	0	0	69	83
	Comilla	000	0	0	00	00	xx	02	0	113	74	0	0	9	0	0	68	85
	Brahmanbaria	000	0	0	00	00	xx	00	1	114	75	0	0	9	0	0	68	83
	Sylhet	000	0	3	00	00	xx	02	0	112	74	3	2	6	6	0	63	83
	Srimangal	000	0	0	00	00	93	00	0	xxx	73	0	0	9	0	0	67	84
Dacca	Mymensingh	000	0	0	00	00	xx	00	1	119	79	0	0	9	0	0	65	83
	Narayanganj	000	9	1	00	00	xx	01	0	115	77	1	4	4	0	0	66	85
	Dacca (Tezgaon)	000	0	0	27	02	96	01	0	112	74	0	0	9	0	0	65	84
	Faridpur	000	0	0	00	00	97	00	0	116	75	0	0	9	0	0	65	81
Khulna	Barisal	000	0	0	27	01	97	02	1	113	79	0	0	9	0	0	67	84
	Khulna	000	0	0	00	00	xx	00	0	115	78	0	0	9	0	0	66	85
	Satkhira	000	0	0	00	00	96	00	0	116	78	0	0	9	0	0	75	85
	Jessore	000	0	0	36	02	97	00	0	119	75	0	0	9	0	0	62	84
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	116	74	0	0	9	0	0	67	81
	Sirajganj	000	0	0	00	00	xx	00	1	112	75	0	0	9	0	0	65	85
	Bogra	000	0	0	00	00	xx	02	0	113	77	0	0	9	0	0	65	83
	Dinajpur	000	0	0	00	00	xx	00	0	118	80	0	0	9	0	0	64	86
	Rangpur	000	0	1	00	00	96	01	0	115	74	1	0	9	1	0	63	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	02	0	124	71	2	0	9	3	0	57	77
	Sialkot	000	0	3	00	00	97	02	0	125	71	0	0	9	4	0	51	74
Rawalpindi	Jhelum	000	4	3	31	03	97	02	5	128	66	1	5	7	3	0	53	70
	Rawalpindi	086	7	6	05	02	97	02	9	137	57	4	5	6	6	0	53	57
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	0	09	02	99	00	0	114	72	0	0	9	0	0	50	75
	Lyallpur	000	0	0	00	00	96	00	0	137	75	0	0	9	0	0	52	76
Multan	Montgomery	000	0	0	00	00	96	00	1	113	77	0	0	9	0	0	52	80
	Multan	000	0	0	00	00	98	02	0	110	77	0	0	9	0	0	52	80
	Leiah	000	0	4	18	02	97	03	0	103	79	0	0	9	9	0	49	80
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	112	79	0	0	9	0	0	57	81
	Bahawalpur	000	0	0	00	00	98	00	0	113	81	0	0	9	0	0	65	81
	Fort Abbas	000	0	0	00	00	98	00	0	101	79	0	0	9	0	0	67	85
Peshawar	Chakdara	000	0	6	27	02	97	03	0	142	52	6	3	7	0	0	46	52
	Peshawar	001	2	6	31	03	96	21	6	142	58	8	9	4	2	x	54	61
	Haripur	092	6	8	05	03	95	03	0	159	52	8	3	6	0	0	50	xx
D. I. Khan	Bannu	000	0	5	00	00	97	03	2	115	66	0	0	9	7	0	53	67
	D. I. Khan	000	4	6	00	00	90	02	0	109	74	1	1	9	1	0	57	76
Quetta	Sibi	000	0	0	05	02	98	00	0	119	79	0	0	9	0	0	37	80
Kalat	Nokkundi	000	2	2	34	05	99	01	1	123	70	0	0	9	0	1	46	76
	Turbat	000	0	0	23	02	96	00	0	117	88	0	0	9	0	0	43	90
	Jiwani	000	0	0	25	09	97	02	0	126	80	0	0	9	0	0	61	83
	Pasni	000	8	2	25	10	98	02	1	126	80	0	0	9	3	0	58	87
Karachi Division	Ormara	000	0	0	27	03	96	00	0	117	84	0	0	9	0	0	52	84
	Lasbela	000	0	4	00	00	96	30	3	119	82	4	4	7	6	6	61	84
	Karachi (Manora)	000	0	2	27	12	98	01	1	115	85	0	0	9	0	1	78	90
	Karachi (Airport)	000	0	1	23	07	96	01	1	115	80	1	0	9	3	0	64	88
Hyderabad	Nagarparkar	000	0	0	20	03	97	00	0	109	85	0	0	9	0	0	65	91
	Umerkot	000	0	0	36	02	98	02	0	110	84	0	0	9	0	0	50	92
	Hyderabad	000	0	0	00	00	97	02	0	111	82	0	0	9	0	0	57	87
	Badin	000	0	0	36	02	97	00	0	124	88	0	0	9	0	0	67	90
Khairpur	Padidan	000	0	0	36	07	97	02	0	116	80	0	0	9	0	0	54	82
	Nawabshah	000	0	0	00	00	96	02	0	121	81	0	0	9	0	0	53	83
	Sukkur	000	0	3	02	03	96	01	1	118	80	0	0	9	0	3	54	82
	Kashmore	000	0	0	00	00	99	00	0	117	75	0	0	9	0	0	37	86
	Jacobabad	000	0	0	13	02	97	02	0	119	82	0	0	9	0	0	47	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	090	7	8	13	19	94	03	9	496	36	8	9	2	x	x	36	40
Peshawar	Drosh *	003	5	8	23	09	95	03	5	466	49	8	5	6	x	x	39	53
	Cherat *	000	0	8	31	05	93	47	4	483	46	8	9	6	0	0	44	56
	Kakul *	137	8	8	07	12	95	29	6	493	44	8	5	4	x	x	42	46
	Landikotal *	014	6	8	05	04	95	63	6	473	49	8	7	5	x	x	47	50
	Parachinar *	008	9	8	13	01	98	02	6	507	43	8	0	8	8	0	41	51
D.I. Khan	Miranshah *	000	0	6	00	00	97	02	3	484	59	6	4	8	0	0	52	62
	Wana *	000	0	5	00	00	99	00	1	517	58	5	1	9	0	0	43	60
Quetta	Fort Sandeman *	000	0	6	29	02	98	03	0	501	61	6	5	6	x	0	15	64
	Hindubagh *	000	0	3	27	05	97	00	0	493	57	3	8	6	0	0	25	52
	Loralai *	000	0	5	29	05	99	00	2	383	62	0	0	9	1	2	35	68
	Harnai *	000	6	7	09	01	96	21	6	xxx	xx	7	3	4	3	6	xx	xx
	Quetta *	000	0	5	00	00	96	02	0	492	59	5	3	5	0	0	46	61
	Chaman *	000	0	6	27	07	98	02	1	509	59	6	2	5	0	0	41	60
	Nushki *	000	0	4	31	13	98	03	0	532	67	4	0	9	4	0	47	70
	Dalbandin *	001	8	5	05	09	97	21	1	521	65	5	9	7	0	0	46	74
Kalat	Kalat *	000	7	5	34	09	98	02	2	514	51	5	0	9	8	0	34	56
	Panjgur *	000	0	0	31	02	98	02	0	516	69	2	3	6	0	0	39	73
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	000	7	2	36	02	94	43	4	158	72	1	2	6	0	9	69	68	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	2	05	03	97	02	0	138	78	2	1	6	0	0	66	66	— 2	— 1	0.9	— 1.4	186.7	140
	Chittagong	000	0	0	05	02	97	02	0	145	73	0	0	9	0	0	68	65	— 1	0	0.1	— 1.4	170.7	108
	Maijdee Court	000	0	0	00	00	98	00	4	145	76	0	0	9	0	0	67	64	0	— 1	0	— 1.1	124.5	115
	Comilla	000	0	0	00	00	97	02	0	130	78	0	0	9	0	0	67	64	0	+ 1	0	— 1.0	76.9	94
	Brahmanbaria	000	0	0	13	02	97	00	0	149	76	0	0	9	0	0	67	66	—	—	0	— 0.9	65.4	78
	Sylhet	000	0	1	09	09	96	02	0	142	71	1	2	6	0	0	65	63	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	95	00	0	xxx	74	0	0	9	0	0	68	xx	— 3	—	1.0	— 0.2	51.4	98
Dacca	Mymensingh	000	7	0	00	00	97	00	4	149	72	0	0	9	0	0	66	64	0	0	0.3	— 0.5	62.1	91
	Narayanganj	000	9	1	00	00	97	01	0	144	75	0	0	9	0	8	64	65	+ 1	0	0.3	— 0.5	62.9	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	4	137	75	0	0	9	0	0	68	63	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	90	05	0	144	75	0	0	9	0	1	65	64	— 1	+ 1	0	— 0.9	87.9	71
Khulna	Barisal	000	0	0	09	02	97	02	2	145	75	0	0	9	0	0	65	66	+ 1	+ 2	0	— 1.2	76.5	81
	Khulna	000	0	0	00	00	96	00	0	150	76	0	0	9	0	0	64	66	+ 2	+ 1	0	— 1.0	56.5	68
	Satkhira	000	0	2	00	00	97	01	0	157	75	0	0	9	3	0	61	62	0	— 1	0	— 0.6	62.2	65
	Jessore	000	0	1	36	02	97	02	0	149	73	0	0	9	0	2	63	61	—	— 2	0	— 0.8	59.0	65
Rajshahi	Pabna	000	0	0	31	05	93	02	0	149	74	0	0	9	0	0	63	64	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	98	00	0	143	74	0	0	9	0	0	64	62	—	0	0.7	+ 0.1	50.0	64
	Bogra	000	0	0	31	03	96	02	0	145	75	0	0	9	0	0	63	63	+ 1	+ 1	0.3	— 0.4	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	144	70	0	0	9	0	0	52	59	+ 3	— 1	0	— 0.3	51.7	72
	Rangpur	000	6	0	05	02	96	01	4	157	73	0	0	9	0	0	63	61	—	— 1	0.1	— 0.3	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	8	2	05	03	96	01	1	143	60	2	0	9	3	0	52	57	— 7	+ 11	0	0	51.1	19
	Sialkot	072	3	4	13	03	97	01	6	145	56	4	5	6	x	x	52	54	— 8	+ 5	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	070	7	3	09	03	97	29	9	146	57	2	5	7	3	0	51	54	—	—	0.7	—	35.5	—
	Rawalpindi	136	8	2	00	00	98	01	6	162	49	2	0	9	3	0	48	53	— 21	0	1.4	— 1.3	53.9	36
	Campbellpur	030	9	0	05	02	98	00	0	156	51	0	0	9	0	0	45	47	—	—	0.5	—	12.3	—
Sargodha	Khushab	000	0	0	09	02	99	00	0	160	59	0	0	9	0	0	51	xx	— 9	—	0	0	11.2	15
	Lyallpur	000	0	3	05	02	95	01	5	147	57	0	0	9	2	0	45	53	— 6	+ 5	0	0	13.9	12
Multan	Montgomery	000	0	1	05	03	96	01	1	140	61	1	0	9	4	0	55	55	— 5	+ 4	0	0	10.1	10
	Multan	000	0	0	36	03	98	02	0	144	57	0	0	9	0	0	51	54	— 4	+ 4	0	0	7.6	7
	Leiah	000	0	0	36	03	97	00	0	140	62	0	0	9	0	0	41	50	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	27	03	96	02	0	144	65	0	0	9	0	0	45	55	— 6	+ 4	0	0	12.6	6
	Bahawalpur	000	0	0	27	02	98	00	0	150	61	0	0	9	0	0	52	55	— 4	0	0	0	4.9	6
	Fort Abbas	000	0	0	27	02	98	00	0	150	61	0	0	9	0	0	51	53	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	150	48	0	0	9	0	0	46	46	—	—	1.7	—	27.0	—
	Peshawar	006	9	0	00	00	90	47	6	163	50	9	x	0	x	x	49	49	— 10	+ 1	1.0	+ 1.0	18.8	11
	Haripur	116	8	2	16	02	97	01	6	150	49	2	0	9	3	0	43	46	—	—	1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	151	48	0	0	9	0	0	47	47	—	—	0.1	—	13.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	147	55	0	0	9	0	0	53	51	— 7	+ 4	0	— 0.1	7.7	9
Quetta	Sibi	000	0	0	31	03	98	00	0	209	71	0	0	9	0	0	41	60	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	20	03	98	00	0	237	45	0	0	9	0	0	33	44	—	—	0	—	1.0	2
	Turbat	000	0	0	09	09	92	07	0	171	72	0	0	9	0	0	42	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	1	05	05	97	03	0	164	70	0	0	9	0	1	59	65	—	—	0	—	3.8	5
	Pasni	000	0	2	02	08	97	05	0	162	74	0	0	9	0	2	45	65	+ 1	+ 6	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	0	00	00	96	00	0	154	72	0	0	9	0	0	64	64	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	141	63	0	0	9	0	0	47	61	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	00	00	94	10	0	150	72	0	0	9	0	0	66	70	+ 4	+ 4	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	00	00	96	02	1	156	65	0	0	9	0	0	60	62	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	34	01	97	00	0	149	67	0	0	9	0	0	59	xx	—	—	0	—	27.3	—
	Umerkot	000	0	1	00	00	97	02	0	149	64	0	0	8	0	8	55	56	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	95	10	0	154	63	0	0	9	0	0	55	60	— 3	+ 1	0	0	12.9	7
	Badin	000	0	0	00	00	97	00	0	166	63	0	0	9	0	0	59	64	— 2	—	0	— 0.1	14.8	9
Khairpur	Padidan	000	0	0	18	05	97	02	0	151	57	0	0	9	0	0	53	52	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	159	57	0	0	9	0	0	51	53	—	—	0	—	9.3	—
	Sukkur	000	9	0	16	03	95	02	0	151	65	0	0	9	0	0	54	59	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	164	63	0	0	9	0	0	40	51	—	—	0	—	1.8	—
	Jacobabad	000	0	0	31	03	97	02	0	151	67	0	0	9	0	0	44	55	— 2	+ 2	0	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	106	9	4	00	30	98	01	7	492	33	4	1	4	0	0	27	xx	— 18	—	1.3	+ 1.0	70.6	59
Peshawar	Drosh *	016	9	5	13	07	97	03	6	494	40	5	8	7	0	0	35	40	— 12	— 3	0.6	—	23.6	18
	Cherat *	053	0	0	02	05	98	00	1	482	44	0	0	9	0	0	42	41	— 11	— 8	1.5	+ 1.4	35.0	29
	Kakul *	242	9	3	05	03	95	01	9	484	40	2	4	7	3	0	38	38	—	—	2.8	—	39.1	—
	Landikotal *	014	0	0	23	10	99	00	0	475	49	0	0	9	0	0	22	41	—	—	0.6	—	13.7	—
	Parachinar *	008	0	0	05	01	99	00	1	504	36	0	0	9	0	0	21	37	— 15	— 2	0.4	—	29.6	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	461	47	0	0	9	0	0	36	48	—	—	—	—	—	13
	Wana *	000	0	0	23	03	99	00	0	509	50	0	0	9	0	0	24	45	—	—	0.9	—	11.8	11
Quetta	Fort Sandeman *	000	0	0	16	01	98	01	0	525	49	0	0	9	0	0	21	43	— 9	+ 4	0	0	11.3	11
	Hindubagh *	000	0	0	25	28	95	00	0	509	45	0	0	9	0	0	29	26	—	—	0.1	—	5.9	—
	Loralai *	000	0	0	00	00	99	00	0	355	44	0	0	9	0	0	29	37	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	0	34.7	14
	Quetta *	005	9	0	05	02	97	00	1	514	44	0	0	9	0	0	38	42	—	+ 8	0.4	+ 0.4	6.7	9
	Chaman *	000	0	0	13	05	98	00	0	541	42	0	0	9	0	0	22	37	— 9	— 5	0.5	+ 0.5	6.7	8
	Nushki *	000	0	0	00	00	98	02	0	556	xx	0	0	9	0	0	29	50	—	—	0	—	3.8	—
	Dalbandin *	001	9	0	05	03	97	02	1	539	45	0	0	9	0	0	39	42	— 5	+ 3	0.2	+ 0.2	2.8	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	573	37	0	0	9	0	0	30	30	— 8	0	0.2	+ 0.2	13.1	7
	Panjgur *	000	0	0	05	02	98	02	0	544	53	0	0	9	0	0	35	48	—	—	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 16th NOVEMBER, 1961

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	OT$_a$T$_a$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	
ARABIAN SEA										
Shama										
Oxfordshire	43 147	727 00	2 15 09	98 0 30	097 85	21 6 00	26 4 99	...	00 1 78	11 5 x5
Harminios	43 178	671 00	1 99 02	99 0 20	123 77	10 9 30	56 6 88	...	05 3 75	10 0 x0
Sdenia	43 235	589 00	0 00 00	96 0 20	110 77	00 9 00	34 3 10	...	01 0 73	10 0 xx
Kampala	43 216	608 06	3 14 02	98 0 21	164 78	31 4 00	36 2 16	...	05 1 67	11 4 20
Ville drunkurk	43 216	695 06	1 34 05	99 0 20	107 86	10 7 30	75 2 26	...	05 7 66	13 1 22
Ville drunkurk	43 232	614 06	3 25 05	98 0 10	152 81	22 5 77	36 2 15	...	05 1 68	12 5 70
Sbrenis	43 244	627 12	1 02 05	98 0 20	132 77	12 5 00	36 5 02	...	05 6 66	10 2 20
Keildrecht	43 204	620 12	4 07 09	98 0 20	138 78	41 4 00	36 6 17	...	05 3 67	10 7 21
Herminios	43 161	544 12	3 09 10	98 0 20	112 79	12 5 80	...	...	05 1 72	10 8 21
Valdrecht	43 208	592 12	0 20 05	98 0 22	105 81	00 9 00	56 3 15	...	00 0 72	11 0 xx
	43 168	567 18	1 09 11	98 0 20	105 77	10 9 43	...	...	05 0 68	10 8 21
BAY OF BENGAL										
Anwarkakai	42 219	917 12	0 21 02	96 0 20	121 82	09 9 00	44 6 02	...	00 3 65	10 9 00
Matenaru	43 067	864 12	6 07 09	98 0 22	089 81	49 4 40	67 2 06	...	05 2 75	10 7 31

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels											
		Surface	1000 mb	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$
		PPPTTTT$_d$T$_d$T$_d$			HHHTTTT$_d$T$_d$T$_d$						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	...	00 00			148 132 062		312 052 602	437 515 995	580 595 992	748 712 995	955 882			
Jiwani	...													
Karachi	...	00 00	011 202 172	121 235 202	149 155 078		313 028 605	427 528 992	579 628 992	745 742 998	959 845	324 040		
Lahore	...	00 00	989 185 125		143 115 115		303 000 990	424 592 992	562 705 995	724 805 995	924 888			
Multan	...													
Peshawar	...	00 00	971 108 092		144 118 102		312 042 542	432 522 612	574 618 722	742 712 195	951 792	234 990		
Quetta	...	00 00	836 052 512				311 570 990	429 665 995	563 795 995					

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTTT$_d$T$_d$T$_d$									PPPTTTT$_d$T$_d$T$_d$	St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	...	00 00	900 162 108	800 112 032							800 112 032		
Jiwani	...												
Karachi	...	00 00	900 198 068	800 112 022							800 112 022		
Lahore	...	00 00	900 138 122								900 138 122		
Multan	...												
Peshawar	...	00 00	924 138 138	900 130 130	800 085 052						800 085 052		
Quetta	...	00 00	800 042 018								800 042 018		

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 06	33 05	33 04	29 05	31 04	35 12	29 37	29 53	29 59	34 11	34 07	32 07	36 03	31 10	29 22	30 05	29 06	26 04	27 03	31 08	30 21	28 41	28 54	28 59	...	...
Chaklala ...	...	04 09	06 09	09 10	12 09	18 17	...	...	...	...	...	...	...	...	...	...	23 06	32 08	32 07	31 09	27 17	26 24	31 31	31 31	31 44	...
Chhor ...	29 10	31 08	31 07	31 07	25 13	25 17	27 25	28 29	27 35	01 11	33 08	31 06	32 09	36 13	27 10	04 16	29 04	29 05	33 07	36 05	35 27	29 19	30 21	27 26	27 35	...
Chittagong ...	35 07	01 07	02 08	36 06	31 06	...	...	...	...	02 09	01 07	36 09	01 08	30 09	29 19	01 04	35 03	34 05	32 13	29 24	29 37	27 45	28 54	...	...	...
Cox's Bazar ...	32 08	34 06	04 06	34 02	31 05	...	...	...	...	36 09	36 12	36 11	33 07	30 11	29 72	36 04	36 06	35 03	01 08	34 11	31 27	...	...	...	...	...
Dacca ...	25 08	25 06	25 04	25 02	27 03	31 10	31 26	30 34	30 55	35 05	39 09	36 10	32 06	31 11	31 23	28 06	32 05	32 05	34 04	31 08	33 16	...	...	...	...	...
Dalbandin ...	...	...	12 05	11 06	18 06	...	...	...	...	...	...	04 06	35 06	30 13	31 17	...	...	09 08	01 10	33 14	34 12	30 12	30 18	31 21	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 06	21 12	...	...	...	...	...	...	22 01	23 03	20 04	...	...	...	...	06 04	36 10	36 25	35 33	34 37	...	...
Fort Sandeman ...	...	...	...	32 07	27 13	25 20	...	...	...	...	...	...	23 07	29 15	33 22	...	...	...	16 04	28 09	32 24	31 39	31 37	...	...	...
Jacobabad ...	22 01	33 01	36 04	33 10	30 17	29 14	27 28	28 32	28 43	32 08	31 07	30 12	28 17	28 19	31 19	31 11	21 13	28 13	27 10	34 13	36 13	31 24	30 29	30 33	30 46	...
Jessore ...	32 08	32 08	31 09	30 04	30 07	30 15	...	...	...	37 10	36 09	36 07	34 08	32 13	30 21	34 02	33 04	34 04	33 05	33 14	29 23	...	...	...	...	...
Jhelum ...	35 02	07 05	11 08	17 15	22 16	23 21	xx xx	25 34	25 39	No	Ascnts	...	...	...	...	32 07	35 07	35 07	32 17	32 18	24 22	25 35	28 31	29 31	...	...
Jiwani ...	25 09	29 10	31 09	34 07	35 07	35 11	29 18	27 27	27 28	35 11	33 09	02 05	05 06	06 04	29 07	04 13	05 14	06 11	02 08	35 03	09 03	25 08	26 13	28 17	27 38	27 34
Karachi ...	24 09	26 05	04 04	04 08	03 08	31 09	29 23	28 33	27 39	...	...	...	...	...	...	02 07	34 08	34 09	01 04	05 02	31 08	28 12	27 23	28 24	27 30	...
Khanpur ...	31 02	26 04	26 06	26 05	22 08	24 11	24 29	24 11	24 45	29 19	31 24	32 22	32 17	33 23	...	33 12	30 17	29 21	29 12	32 12	33 22	31 32	30 39	...	...	...
Lahore ...	09 05	13 07	14 07	24 07	22 10	22 14	25 26	26 37	27 38	19 14	20 17	21 16	21 13	22 14	23 13	01 08	03 11	02 08	28 12	23 19	23 25	28 31	29 40	29 46	...	...
Multan ...	12 06	17 07	21 06	22 09	24 07	26 12	27 32	27 34	...	29 12	31 02	29 20	30 20	...	...	02 12	35 14	34 14	30 07	25 09	33 29	30 37	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 17	34 05	03 03	28 24	30 33	28 29	...	...	...	01 27	01 20	32 14	...	...	01 19	35 13	28 07	28 13	29 17	28 19	27 21	17 53
Peshawar ...	...	05 13	08 14	13 08	...	...	...	...	...	...	09 03	01 04	...	...	...	...	09 06	32 12	28 23	30 24	31 15	33 37	34 41	33 42	...	...
Quetta ...	...	...	...	...	25 06	22 12	...	...	...	...	...	...	...	26 05	23 08	...	...	...	...	30 01	30 25	31 40	33 23	30 42	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 05	19 03	24 01	26 02	18 03	...	...	...	...	10 09	10 02	09 03	35 05	30 05	29 18	16 03	20 03	26 03	28 03	28 07	30 18	...	...	...	...	...
Varanasi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 05	35 05	34 09	30 10	30 13	29 22	27 32	27 40	27 45	28 60	28 29							
Karachi ...	21 12	30 14	36 10	36 09	36 12	01 09	29 15	29 20	28 13	27 47	27 70	76 09	26 87	...	...	...	...	...
Peshawar ...	...	08 06	31 13	40 77	34 70	30 55	28 40	26 43	26 68	25 45	78 09	78 03	...	...	...	...	...	...
Quetta ...																		

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

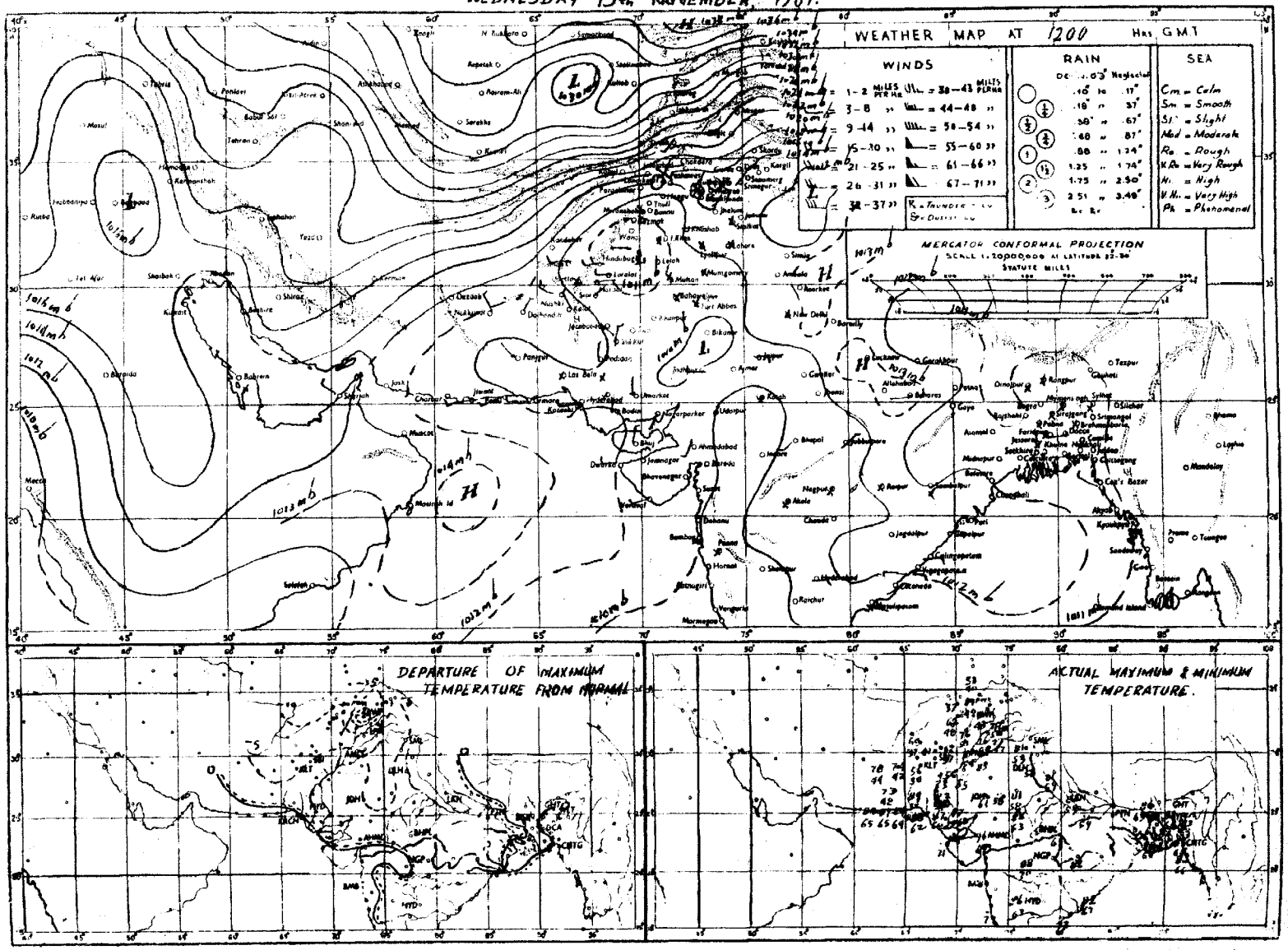
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 712 62 610

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

PAKISTAN DAILY WEATHER MAP

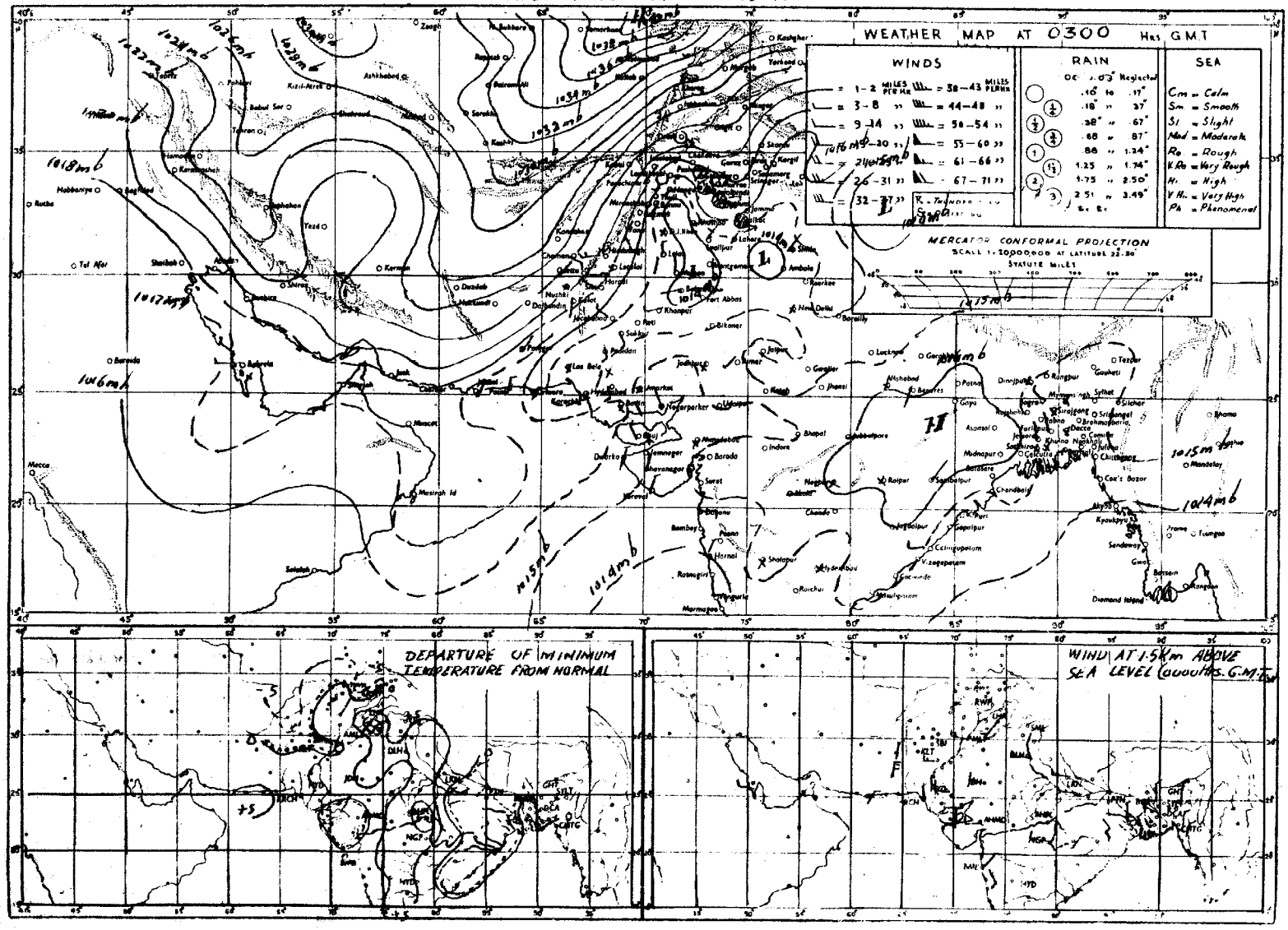
WEDNESDAY 15th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 16th NOVEMBER 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 17th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance and its secondary over Sargodha division have moved away northeastwards.
Weather remained dry over the country.
Night temperatures were: 3-6°F below normal in Peshawar, Rawalpindi, Sargodha, Multan, Bahawalpur and Quetta divisions.
Forecast valid until the evening of 18th November, 1961:—Weather will be dry over the country.

Karachi-11
The 17th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	7	0	09	02	xx	00	4	119	77	0	0	9	0	0	64	83
	Cox's Bazar	000	0	0	31	05	xx	02	0	109	76	0	0	9	0	0	67	83
	Chittagong	000	0	0	00	00	xx	00	0	112	75	0	0	9	0	0	66	84
	Maijdee Court	000	0	0	00	00	xx	00	0	108	77	0	0	9	0	0	64	83
	Comilla	000	0	0	00	00	xx	02	0	092	75	0	0	9	0	0	65	84
	Brahmanbaria	000	0	0	00	00	xx	00	0	108	77	0	0	9	0	0	66	83
	Sylhet	000	0	1	27	05	xx	01	1	107	73	1	1	6	0	0	64	83
	Srimangal	000	0	0	00	00	xx	02	0	xxx	70	0	0	9	0	0	63	82
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	110	76	0	0	9	0	0	65	84
	Narayanganj	000	1	1	00	00	xx	01	0	110	77	1	5	6	0	0	63	86
	Dacca (Tezgaon)	000	0	0	29	03	97	02	0	105	73	0	0	9	0	0	61	83
	Faridpur	000	0	0	00	00	95	05	0	121	77	0	0	9	0	0	65	61
Khulna	Barisal	000	0	2	00	00	96	02	0	118	78	2	0	9	4	0	63	83
	Khulna	000	0	0	00	00	xx	00	0	110	77	0	0	9	0	0	66	84
	Satkhira	000	0	3	00	00	96	03	0	111	80	2	4	7	3	0	73	84
	Jessore	000	0	2	36	02	97	01	1	115	76	2	4	6	0	0	67	82
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	111	75	0	0	9	0	0	67	81
	Sirajganj	000	0	0	00	00	xx	00	0	107	74	0	0	9	0	0	66	84
	Bogra	000	0	1	23	02	xx	02	0	103	77	1	5	5	0	0	63	85
	Dinajpur	000	0	0	00	00	xx	00	0	108	77	0	0	9	0	0	62	85
	Rangpur	000	1	1	00	00	xx	01	0	112	73	1	2	6	0	0	63	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	03	96	02	0	149	67	0	0	9	0	0	46	73
	Sialkot	000	0	0	00	00	97	00	0	141	67	0	0	9	0	0	52	70
Rawalpindi	Jhelum	000	0	1	31	05	99	02	0	146	64	1	1	7	0	0	45	72
	Rawalpindi	000	0	1	27	02	99	01	0	159	58	1	1	8	0	0	45	66
	Campbellpur	000	0	0	05	02	98	00	0	191	62	0	0	9	0	0	49	63
Sargodha	Khushab	000	0	0	05	02	99	00	0	153	71	0	0	9	0	0	49	73
	Lyallpur	000	0	0	00	00	96	00	0	155	68	0	0	9	0	0	43	68
Multan	Montgomery	000	0	0	00	00	96	00	0	148	70	0	0	9	0	0	48	73
	Multan	000	0	0	00	00	98	02	0	139	74	0	0	9	0	0	43	77
	Leiah	000	0	0	05	01	97	00	0	128	73	0	0	9	0	0	42	79
Bahawalpur	Khanpur	000	0	0	05	03	96	02	0	134	77	0	0	9	0	0	38	83
	Bahawalpur	000	0	0	36	02	98	00	0	142	76	0	0	9	0	0	71	79
	Fort Abbas	000	0	0	36	02	98	00	0	144	72	0	0	9	0	0	50	77
Peshawar	Chakdara	000	0	0	00	00	97	00	0	132	58	0	0	9	0	0	44	61
	Peshawar	000	0	0	00	00	96	05	4	192	62	0	0	9	0	0	46	65
	Haripur	000	0	0	13	02	97	00	0	188	53	0	0	9	0	0	48	56
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	135	70	0	0	9	0	0	45	70
	D. I. Khan	000	0	0	00	00	98	00	0	133	73	0	0	9	0	0	51	73
Quetta	Sibi	000	0	0	31	02	98	00	0	130	87	0	0	9	0	0	24	87
Kalat	Nokkundi	000	0	0	27	03	98	00	0	166	72	0	0	9	0	0	47	75
	Turbat	000	0	0	05	05	96	00	0	131	83	0	0	9	0	0	33	87
	Jiwani	000	0	0	16	05	97	02	0	146	82	0	0	9	0	0	53	87
	Pasni	000	8	0	16	07	97	05	0	136	84	0	0	9	0	0	50	86
Karachi Division	Ormara	000	0	0	25	02	96	00	0	126	85	0	0	9	0	0	47	80
	Lasbela	000	0	0	08	02	98	00	0	136	88	0	0	9	0	0	59	90
	Karachi (Manora)	000	0	0	25	10	98	02	0	126	84	0	0	9	0	0	77	89
	Karachi (Airport)	000	0	1	23	07	96	02	0	127	81	1	5	6	0	0	58	88
Hyderabad	Nagarparkar	000	0	0	11	04	97	00	0	112	85	0	0	9	0	0	65	89
	Umerkot	000	0	0	29	01	98	02	0	123	85	0	0	9	0	0	49	87
	Hyderabad	000	0	0	00	00	97	02	0	130	87	0	0	9	0	0	57	91
	Badin	000	0	0	00	00	97	00	0	144	87	0	0	9	0	0	50	92
Khairpur	Padidan	000	0	0	00	00	97	02	0	130	84	0	0	9	0	0	44	88
	Nawabshah	000	0	0	00	00	97	02	0	131	83	0	0	9	0	0	53	xx
	Sukkur	000	0	0	02	03	97	02	0	130	82	0	0	9	0	0	46	84
	Kashmore	000	0	0	00	00	99	00	0	128	78	0	0	9	0	0	27	85
	Jacobabad	000	0	0	10	00	97	02	0	135	83	0	0	9	0	0	55	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	0	31	02	98	00	1	507	36	0	0	9	0	0	31	44
Peshawar	Drosh *	000	0	0	13	07	96	02	1	510	48	0	0	9	0	0	16	58
	Cherat *	000	0	0	05	05	98	03	0	511	49	0	0	9	0	0	41	57
	Kakul *	000	0	1	31	05	98	04	1	507	50	1	2	6	0	2	44	56
	Landikotal *	000	0	0	23	03	99	00	0	496	56	0	0	9	0	0	27	59
	Parachinar *	000	0	0	13	01	99	00	0	509	54	0	0	9	0	0	17	57
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	488	63	0	0	9	0	0	44	64
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	29	01	99	02	0	515	63	0	0	9	0	0	15	65
	Hindubagh *	000	0	0	25	16	96	00	0	503	51	0	0	9	0	0	17	51
	Loralai *	000	0	0	13	02	99	00	0	369	62	0	0	9	0	0	34	67
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	520	51	0	0	9	0	0	41	53
	Chaman *	000	0	0	27	03	98	00	0	527	54	0	0	9	0	0	19	55
	Nushki *	000	0	0	31	09	98	02	0	576	61	0	0	9	0	0	34	63
	Dalbandin *	000	8	0	05	14	96	02	0	548	64	0	0	9	0	0	25	68
Kalat	Kalat *	000	0	0	34	02	98	00	0	540	49	0	0	9	0	0	25	51
	Panjgur *	000	0	0	36	05	98	02	0	529	64	0	0	9	0	0	27	65
Afghanistan	Kabul *																	
	Kandahar *																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	2	0	36	04	96	42	4	154	73	0	0	9	0	0	63	67
	Cox's Bazar	000	0	1	05	05	97	02	0	134	77	0	0	9	0	8	67	65
	Chittagong	000	0	0	00	00	96	00	0	143	77	0	0	9	0	0	67	64
	Maijdee Court	000	9	0	00	00	98	00	4	143	76	0	0	9	0	0	66	64
	Comilla	000	0	0	00	00	97	02	0	131	77	0	0	9	0	0	66	62
	Brahmanbaria	000	0	0	00	00	97	00	1	148	74	0	0	9	0	0	68	65
	Sylhet	000	4	9	00	00	95	47	4	153	68	9	x	0	x	x	67	63
	Srimangal	000	0	0	00	00	96	00	0	xxx	75	0	0	9	0	0	65	52
Dacca	Mymensingh	000	0	0	13	02	97	00	0	147	74	0	0	9	0	0	64	63
	Narayanganj	000	9	0	00	00	97	65	4	145	75	0	0	9	0	0	64	66
	Dacca (Tezgaon)	000	0	0	00	00	97	02	4	139	75	0	0	9	0	0	62	61
	Faridpur	000	0	0	34	02	95	05	0	146	75	0	0	9	0	0	59	62
Khulna	Barisal	000	0	0	00	00	97	02	2	150	75	0	0	9	0	0	65	66
	Khulna																	
	Satkhira	000	0	0	00	00	97	00	0	155	74	0	0	9	0	0	64	63
	Jessore	000	0	0	27	03	97	00	0	150	72	0	0	9	0	0	66	60
Rajshahi	Pabna	000	0	0	23	05	97	02	0	141	75	0	0	9	0	0	65	64
	Sirajganj	000	0	0	00	00	97	00	4	141	75	0	0	9	0	0	64	60
	Bogra	000	0	0	18	02	96	02	0	141	75	0	0	9	0	0	61	62
	Dinajpur	000	0	0	00	00	96	00	0	126	74	0	0	9	0	0	55	59
	Rangpur	000	0	2	23	02	96	03	0	139	71	2	0	9	3	0	61	61
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	36	02	96	02	0	189	57	0	0	9	0	0	40	48
	Sialkot	000	0	0	00	00	97	00	0	180	56	0	0	9	0	0	48	46
Rawalpindi	Jhelum	000	0	0	31	03	98	02	0	183	53	0	0	9	0	0	42	45
	Rawalpindi	000	0	0	31	02	97	10	0	202	46	0	0	9	0	0	44	41
	Campbellpur	000	0	0	00	00	98	00	0	201	49	0	0	9	0	0	45	42
Sargodha	Khushab	000	0	0	09	02	99	00	0	190	51	0	0	9	0	0	42	45
	Lyallpur	000	0	0	00	00	94	00	0	192	51	0	0	9	0	0	41	45
Multan	Montgomery	000	0	0	36	02	96	02	0	xxx	57	0	0	9	0	0	41	45
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah	000	0	0	05	01	97	00	0	104	62	0	0	9	0	0	41	49
Bahawalpur	Khanpur	000	0	1	00	00	96	03	0	187	53	0	0	9	0	1	46	45
	Bahawalpur	000	0	0	00	00	98	00	0	180	58	0	0	9	0	0	51	50
	Fort Abbas	000	0	0	05	02	98	00	0	191	60	0	0	9	0	0	47	57
Peshawar	Chakdara	000	0	0	00	00	97	00	0	197	49	0	0	9	0	0	35	41
	Peshawar	000	0	0	19	02	98	02	0	209	46	0	0	9	0	0	36	43
	Haripur	000	0	0	27	03	98	00	0	192	48	0	0	9	0	0	38	42
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	199	46	0	0	9	0	0	35	45
	D. I. Khan	000	0	0	00	00	98	00	0	199	50	0	0	9	0	0	46	48
Quetta	Sibi	000	0	2	0	00	98	03	0	175	51	0	0	9	4	2	37	45
Kalat	Nokkundi	000	0	0	07	03	98	00	0	209	50	0	0	9	0	0	31	48
	Turbat	000	0	0	09	02	98	00	0	175	71	0	0	9	0	0	34	xx
	Jiwani	000	0	3	00	00	97	03	0	167	70	2	0	9	0	1	37	65
	Pasni	000	2	2	34	03	97	05	0	161	70	0	0	9	0	1	42	68
Karachi Division	Ormara	000	0	0	00	00	96	00	0	156	66	0	0	9	0	0	35	61
	Lasbela	000	0	0	00	00	98	00	0	151	60	0	0	9	0	0	35	57
	Karachi (Manora)	000	0	0	05	10	96	02	0	164	67	0	0	9	0	0	57	65
	Karachi (Airport)	000	0	1	00	00	96	03	0	163	61	0	0	9	0	1	51	56
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	134	65	0	0	9	0	0	52	xx
	Umerkot	000	0	1	11	05	97	02	0	159	65	0	0	9	0	0	40	57
	Hyderabad	000	0	0	00	00	95	05	0	171	63	0	0	9	0	0	53	xx
	Badin	000	0	0	00	00	97	00	0	168	65	0	0	9	0	0	56	63
Khairpur	Padidan	000	0	1	36	02	97	01	0	173	56	0	0	9	0	8	47	48
	Nawabshah	000	0	0	00	00	96	00	0	174	57	0	0	9	0	0	47	53
	Sukkur	000	0	0	00	00	95	02	0	182	60	0	0	9	0	0	41	55
	Kashmore	000	0	0	00	00	99	00	0	167	60	0	0	9	0	0	55	50
	Jacobabad	000	0	1	09	05	97	03	0	189	61	0	0	9	0	1	45	55
Rawalpindi	Murree *	000	0	0	02	09	99	00	0	528	38	0	0	9	0	0	15	30
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	0	31	09	98	00	0	520	45	0	0	9	0	0	36	43
	Kakul *	000	0	0	31	02	99	00	0	525	42	0	0	9	0	0	26	39
	Landikotal *	000	0	0	00	00	99	00	0	505	35	0	0	9	0	0	27	33
	Parachinar *	000	0	0	00	00	99	00	0	533	38	0	0	9	0	0	24	36
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	501	42	0	0	9	0	0	37	44
	Wana *	000	0	0	00	00	99	00	0	513	43	0	0	9	0	0	29	33
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	538	44	0	0	9	0	0	12	39
	Hindubagh *	000	0	0	27	02	97	00	0	521	40	0	0	9	0	0	08	24
	Loralai *	000	0	3	27	03	99	00	1	339	40	0	0	9	1	1	09	31
	Harnai *	000	0	0	07	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	3	00	00	97	01	0	546	39	0	0	9	3	0	22	24
	Chaman *	000	0	0	09	05	98	00	0	541	42	0	0	9	0	0	22	35
	Nushki *	000	0	0	09	13	98	02	0	573	50	0	0	9	0	0	29	42
	Dalbandin *	070	9	5	00	00	97	03	1	526	39	5	0	9	5	0	28	35
Kalat	Kalat *	000	2	3	18	05	98	02	0	555	31	0	0	9	0	1	26	24
	Panjgur *	000	0	0	05	02	98	02	0	523	46	0	0	9	0	0	21	42

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	— 1	— 2	0.9	— 1.5	186.7	140
	Chittagong	+ 1	— 1	0.1	— 1.4	170.7	108
	Maijdee Court	0	— 1	0	— 1.2	124.5	115
	Comilla	+ 1	— 1	0	— 1.0	76.9	94
	Brahmanbaria	—	—	0	— 1.0	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 4	— 7	1.0	— 0.3	51.4	98
Dacca	Mymensingh	+ 2	— 1	0.3	— 0.5	62.1	91
	Narayanganj	+ 3	+ 1	0.3	— 0.5	42.9	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	0	— 1	0	— 0.9	87.9	71
Khulna	Barisal	0	+ 2	0	— 1.2	76.5	81
	Khulna	+					68
	Satkhira	— 1	0	0	— 0.7	62.2	65
	Jessore	— 1	— 3	0	— 0.8	59.0	65
Rajshahi	Pabna	—	—	0		55.6	60
	Sirajganj	+ 2	— 2	0.7	+ 0.1	50.0	64
	Bogra	+ 3	0	0.3	— 0.5	53.6	69
	Dinajpur	+ 3	— 1	0	0.3	51.7	72
	Rangpur	— 1	— 1	0.1	— 0.3	80.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 10	+ 2	0	0	51.1	19
	Sialkot	— 10	— 3	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	—	—	0.7	—	35.5	
	Rawalpindi	— 14	— 2	1.4	0.7	53.9	36
	Campbellpur	—	—	0.5	—	12.3	—
Sargodha	Khushab	— 9	— 4	0	0	11.2	15
	Lyallpur	— 13	— 3	0	0	13.9	12
Multan	Montgomery	— 10	— 6	0	0	10.1	10
	Multan	—	— 5				7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 4	— 6	0	0	12.6	4
	Bahawalpur	— 6	— 5	0	0	4.9	4
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	1.7	—	27.0	—
	Peshawar	— 11	— 5	1.0	+ 1.0	18.8	11
	Haripur	—	—	1.7	—	30.3	—
D.I. Khan	Bannu	—	—	0.1	—	13.9	11
	D. I. Khan	— 8	+ 1	0	— 0.1	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	2.8	5
	Pasni	+ 1	+ 9	0	— 0.1	5.4	4
Karachi Division	Ormara	—	—	0	0	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 5	— 1	0	— 0.1	9.8	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	10.1	—
	Hyderabad	+ 3	—	0	0	12.9	7
	Badin	—	—	0	— 0.1	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.2	—
	Sukkur	—	—	0	—	2.8	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	— 1	+ 2	0	0	8.3	4
Junagadh	Veraval						30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						6
Kashmir	Srinagar *						26
	Gulmarg **						71
	Sonamarg **						26
	Dras **						3
	Leh **						4
	Skardu **						—
	Misgar **						—
	Aliabad *						5
	Gilgit *						
Rawalpindi	Murree *	— 12	— 11	1.3	+ 1.0	70.6	60
Peshawar	Drosh *	— 6					18
	Cherat *	— 8	— 6	1.5	+ 1.4	35.0	29
	Kakul *	—	—	2.8	—	39.1	—
	Landikotal *	—	—	0.6	—	13.7	—
	Parachinar *	— 6	— 3	0.4	—	29.6	29
D.I. Khan	Miranshah *	—	—	—	—	—	13
	Wana *		—	0.9	—	11.8	11
Quetta	Fort Sandeman *	— 5	0	0	0	11.3	11
	Hindubagh *	—	—	0.1	—	5.9	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	0	34.7	14
	Quetta *	— 11	— 10	0.4	+ 0.4	6.7	9
	Chaman *	— 12	— 7	0.5	+ 0.5	6.7	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	— 5	— 4	0.2	+ 0.2	2.8	4
Kalat	Kalat *	— 11	— 6	0.2	+ 0.2	13.1	7
	Panjgur *	—	—	0.2	—	5.2	5
Afghanistan	Kabul *						12
	Kandahar *						

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th NOVEMBER, 1961

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 N,Ch,h,	OT,T,T,T$_d$	1d$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Borasar	53 214	595 06	1 00 00	99 0 00	014 84	12 6 00	54 4 07	...	00 4 74	10 0 xx
Sacramento	51 226	679 06	0 35 05	93 0 20	131 80	00 9 00	65 1 05	...	00 6 74	11 8 31
Taronia	53 060	800 06	7 36 09	97 0 22	036 80	...	...	...	...	...
Keidrecht	53 193	590 42	5 05 05	98 0 31	147 81	52 2 00	00 2 28	...	10 5 00	10 9 31
Isidora	53 229	595 12	3 10 03	99 0 20	152 79	34 0 80	36 7 21	...	00 2 67	11 0 20
Hermanos	53 164	540 12	0 45 09	98 0 20	110 81	00 9 00	56 3 05	...	05 4 73	10 4 xx
Keidrecht	53 202	604 18	5 06 66	98 0 34	163 82	51 4 00	...	...	05 1 50	10 4 31

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	012 175 155	...	...	146 128 018	...	309 018 602	433 522 992	576 605 992	744 708 992	...	...	...	...
Dacca ...														
Jiwani ...	00 00	012 175 162	122 215 158	...	150 165 322	...	312 035 995	436 525 998	578 632 995	...	...	...	...	...
Karachi ...	00 00	991 162 068	...	...	149 095 582	...	309 015 995	431 575 995	570 692 995	732 810 990	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	976 075 018	...	...	149 122 022	...	310 032 572	433 542 662	575 635 995	741 750 990	944 878	...	...	...
Quetta ...	00 00	834 008 532	...	...	...	...	310 515 632	431 595 995	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 158 088	800 092 550	658 002 575	644 518 632	...	...	...	...	...	644 518 632	...	...
Dacca ...													
Jiwani ...	00 00	900 182 028	800 165 022	...	...	...	...	...	...	...	800 165 022	...	...
Karachi ...	00 00	980 112 528	800 055 605	...	...	...	...	...	...	...	800 055 605	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	935 145 032	900 142 035	800 082 515	...	...	...	...	...	...	800 082 515	...	...
Quetta ...	00 00	809 045 562	800 042 572	788 892 625	750 000 990	...	...	...	...	...	730 000 990	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	28 08	28 10	28 09	27 07	29 12	31 24	...	...	...	...	...	...	...	...	...	28 11	28 13	28 11	29 13	28 23	28 33	...	...	...	...	...
Chaklala ...	...	30 09	31 04	34 04	35 12	32 19	31 33	30 41	31 53	...	29 03	30 03	33 04	34 05	33 08	...	24 02	33 03	35 04	34 10	31 15	30 15	33 20	32 23	30 32	29 40
Chhor ...	25 03	31 03	32 03	35 03	36 06	29 10	27 23	27 29	27 38	07 19	35 07	84 04	30 02	34 03	12 03	07 10	06 07	03 05	36 02	06 02	17 08	27 15	27 24	28 29	...	...
Chittagong ...	31 07	34 04	03 05	01 07	33 12	30 19	...	...	...	36 08	35 07	35 07	30 06	28 11	29 18	35 05	35 06	34 06	28 13	27 21	27 26	...	...	...	...	...
Cox's Bazar ...	34 10	35 01	01 10	35 07	34 11	31 18	...	...	...	...	...	...	...	...	...	35 06	34 04	34 09	33 10	28 15	30 17	...	...	...	...	...
Dacca ...	30 08	31 08	31 09	33 05	30 12	29 25	29 42	28 60	28 74	27 04	27 06	29 08	29 10	27 10	27 25	26 06	27 07	28 08	29 14	28 16	27 30	22 43	28 59	28 68	27 21	...
Dalbandin ...	...	...	08 08	06 11	36 07	02 06	25 15	25 19	27 20	...	...	06 11	33 07	33 09	23 05	...	...	08 08	07 09	35 06	27 04	23 12	27 18	27 24	27 39	28 71
B. L. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	01 03	01 03	03 10	36 17	32 21	...	...	...	11 03	05 04	01 09	...	...	...	...	04 02	02 26	01 37	...	...	...	...
Fort Sandeman ...	...	...	...	32 08	27 10	32 21	31 40	30 39	29 42	...	...	...	30 04	30 06	31 13	...	...	...	22 05	23 04	29 08	28 19	28 21	27 24	27 39	...
Jacobabad ...	31 06	35 05	35 05	29 10	32 01	32 12	28 13	30 21	29 24	09 15	06 05	06 04	32 05	29 07	32 10	14 05	11 04	07 02	36 01	21 02	20 13	23 17	23 17	26 19	26 28	27 ...
Jessore ...	33 07	32 07	32 07	31 06	31 11	31 21	29 39	28 49	28 57	28 07	28 08	32 12	29 13	29 13	27 19	26 08	27 09	30 08	31 12	30 20	26 29	28 37	...	...	...	...
Jhelum ...	31 09	31 09	31 07	31 11	32 17	31 18	31 35	30 49	31 54	32 07	31 08	32 10	33 09	04 05	32 12	29 06	33 09	33 13	33 11	32 09	33 16	31 23	32 25	31 36	31 35	25 39
Jiwani ...	12 06	03 03	03 04	02 08	34 05	18 10	27 10	28 27	28 31	06 08	02 08	04 04	30 06	32 07	30 07	05 08	02 08	01 08	34 13	35 13	30 08	27 13	27 25	25 35	26 41	...
Karachi ...	23 10	26 09	08 06	36 04	35 07	34 12	30 12	27 18	27 26	...	...	...	...	...	...	08 08	07 07	09 04	14 03	12 05	20 08	28 14	30 19	28 26	28 39	29 49
Khanpur ...	04 06	01 05	01 06	32 08	31 07	30 16	30 27	29 30	30 35	11 17	11 29	10 33	08 16	35 17	03 09	11 04	09 06	09 06	31 04	30 05	28 11	21 64	27 19	29 37	28 46	...
Lahore ...	35 17	36 13	35 15	35 17	33 20	30 27	30 36	30 47	31 58	32 07	31 08	32 08	31 11	31 18	30 31	34 01	33 08	34 07	33 12	32 10	32 12	33 21	33 28	32 27	32 35	...
Multan ...	05 08	05 09	05 08	32 13	31 15	31 21	30 27	...	...	15 08	14 02	10 03	32 05	30 15	29 18	27 02	16 03	16 03	24 04	29 09	29 17	29 24	29 27	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 11	02 10	33 09	28 13	28 15	28 15	...	...	...	02 18	03 08	06 03	...	...	...	02 15	01 13	03 06	24 21	26 30	27 32	27 39	...
Peshawar ...	...	11 06	09 05	36 08	30 22	29 40	...	...	...	...	35 03	36 06	30 09	33 24	31 33	...	30 03	33 09	34 17	32 23	32 30	34 18	34 19	32 28	...	...
Quetta ...	...	...	...	...	33 05	31 17	29 47	27 66	27 64	...	...	...	...	33 02	33 07	...	...	...	...	15 01	25 03	26 11	27 15	27 15	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 19	25 07	24 07	26 09	27 11	29 15	...	...	...	...	...	...	...	...	...	26 05	26 06	27 06	27 03	28 19	24 29	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.9	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	27 04	26 05	26 07	30 12	29 12	27 17	27 29	26 42	27 46	27 70	27 70	26 87	...	...	...	...	...	...
Karachi ...	35 09	26 10	31 07	24 04	26 07	25 13	31 33	30 57	33 61	33 61	32 92	32 13	02 32	01 32	...	...	...	...
Peshawar ...	...	12 10	33 19	34 17	34 18	30 25	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

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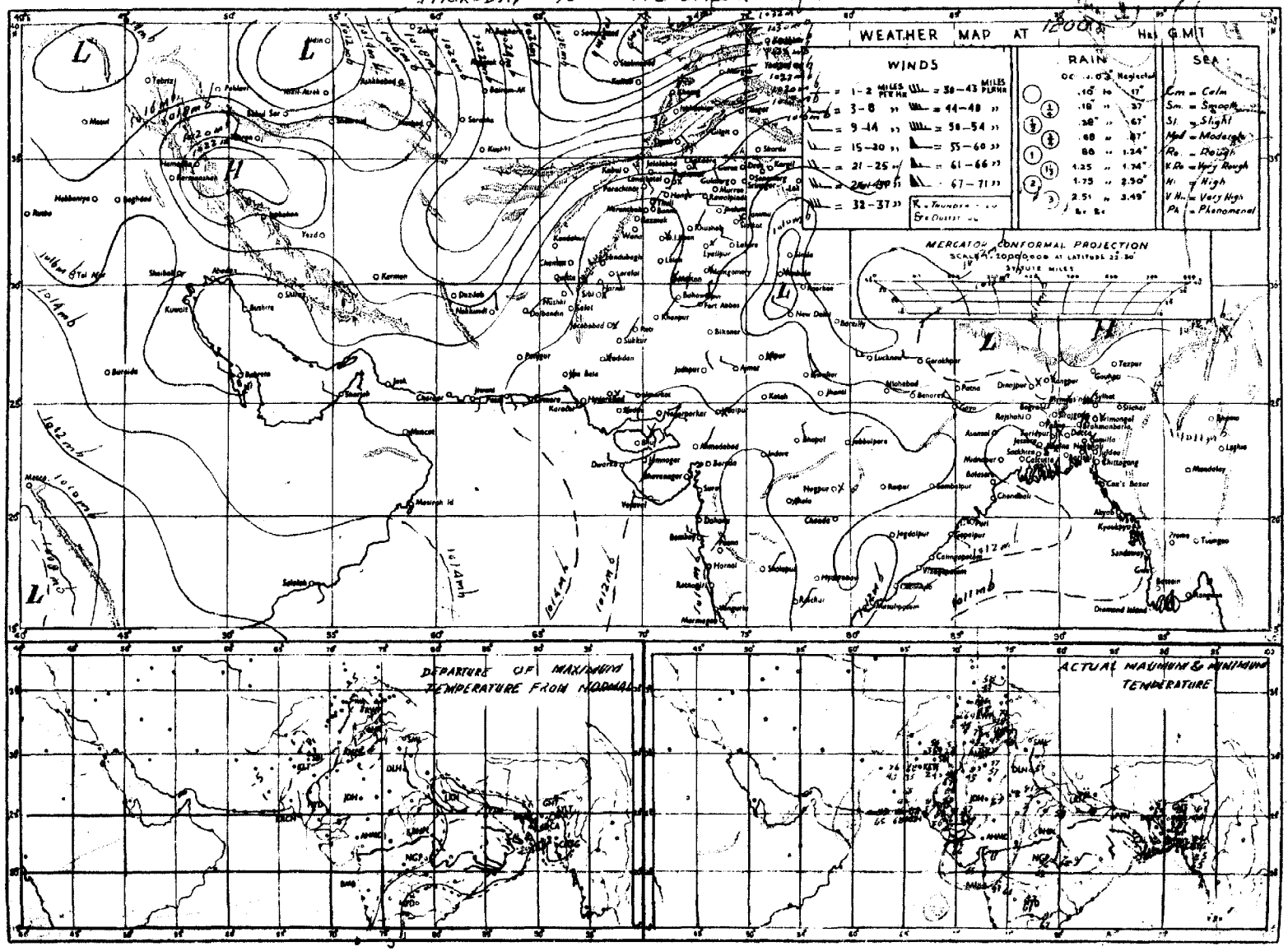
PAKISTAN DAILY WEATHER MAP

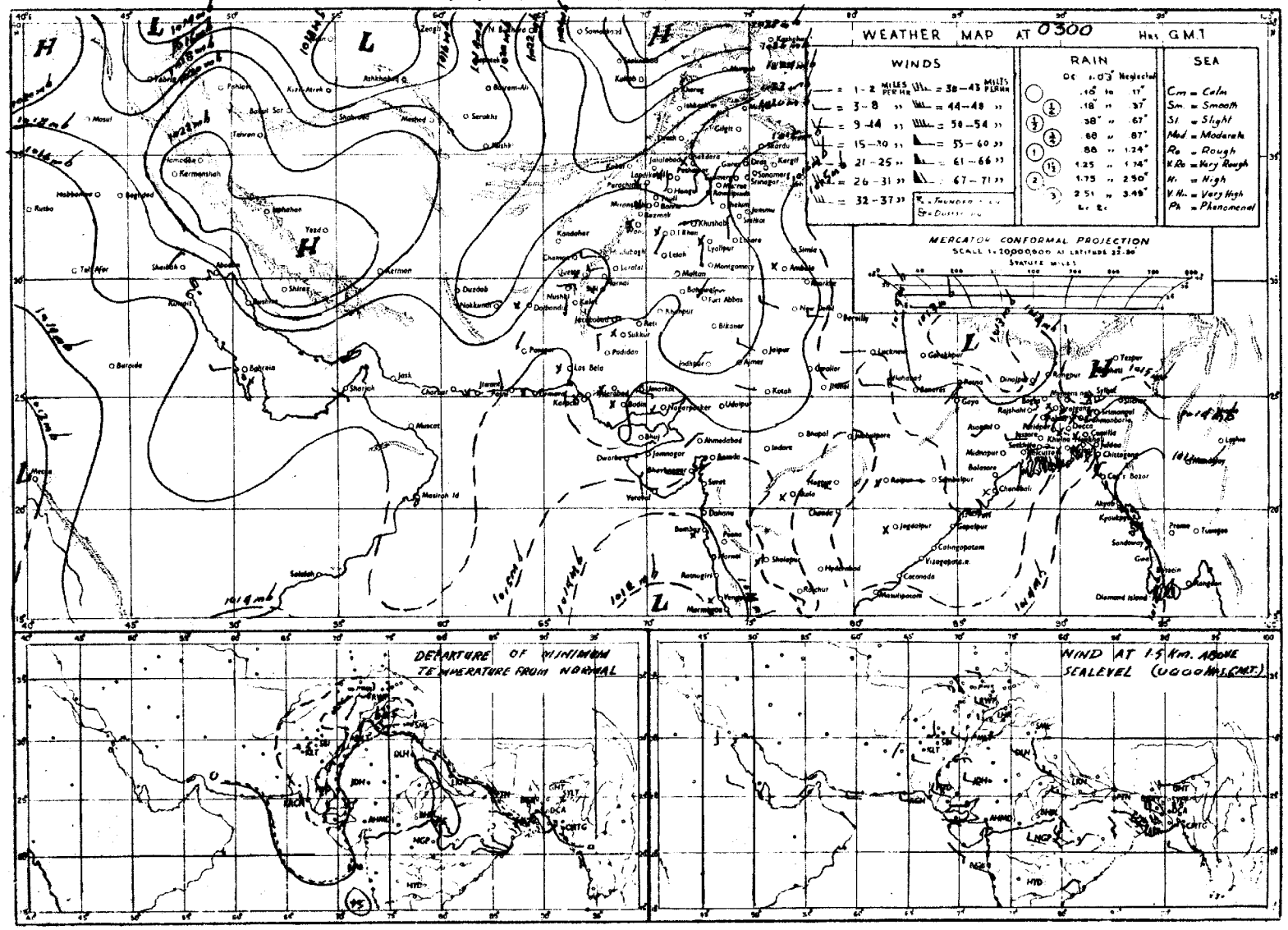
THURSDAY 16th NOVEMBER 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 17th NOVEMBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 18th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A western disturbance is moving across north of Afghanistan. Its feeble secondary lies over Quetta division and adjoining areas.
Weather remained dry over the country.
Night temperatures were: 3-6°F below normal over West Pakistan outside Kalat, Khairpur, Hyderabad and Karachi divisions.
Forecast valid until the evening of 19th November, 1961:—Scattered light rain/drizzle will fall in Quetta and northern parts of Kalat division. Weather will otherwise remain dry over the country.

Karachi-11
The 18th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date														Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Dewpoint Temperature °F	Maximum Temperature	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	09	02	xx	00	2	117	76	9	x	0	x	x	69	83	000	5	2	36	05	96	24	4	176	73	1	2	6	0	1	65	68			0.1		155.5	—
	Cox's Bazar	000	8	4	31	05	xx	02	0	104	76	1	5	5	0	2	67	83	000	0	4	31	05	97	03	0	153	76	2	1	6	0	8	67	64	—	1	—	3	0.9	—	1.5	186.7	140
	Chittagong	000	0	0	27	02	xx	00	0	108	75	0	0	9	0	0	62	83	000	0	0	07	02	96	00	0	155	78	0	0	9	0	0	65	64		1		1	0.1	—	1.5	170.7	108
	Maijdee Court	000	9	0	00	00	xx	00	0	103	74	0	0	9	0	0	64	83	000	1	0	00	00	98	00	4	162	74	0	0	9	0	0	70	63		0		2	0	—	1.2	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	144	74	0	0	9	0	0	64	83	000	0	3	36	02	97	02	0	142	74	3	3	7	0	0	68	61		0		2	0	—	1.0	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	104	75	0	0	9	0	0	65	84	000	0	2	23	03	97	01	1	161	73	2	0	9	4	0	67	63					0	—	1.0	65.4	78
	Sylhet	000	0	7	00	00	xx	02	2	098	72	1	5	6	0	0	32	80	000	0	1	09	05	96	01	2	157	72	1	2	6	7	0	68	62					0.1	—			
	Srimangal	000	0	5	00	00	xx	00	1	xxx	70	5	0	5	3	0	65	83	000	3	4	23	02	96	02	1	xxx	72	4	1	6	0	0	64	51			1.0	—	0.3	51.4	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	101	76	0	0	9	0	0	61	83	000	0	0	09	02	97	00	0	157	72	0	0	9	0	0	64	63	—	3		0	0.3	—	0.5	62.1	91
	Narayanganj	000	9	1	00	00	xx	01	0	103	76	1	0	9	3	0	63	85	000	9	1	00	00	97	03	0	160	75	1	0	9	3	0	60	67	—	1		1	0.3	—	0.5	62.1	91
	Dacca (Tergaon)	000	0	0	00	00	96	02	0	097	74	0	0	9	0	0	63	84	000	3	0	27	02	97	01	4	161	74	0	0	9	0	0	61	62	+	2	+	2	0.3	—	0.6	62.9	74
	Faridpur	000	0	0	00	00	95	05	0	104	76	0	0	9	0	0	65	81	000	0	0	34	02	95	05	0	147	75	0	0	9	0	0	60	61					0	—		81.2	—
Khulna	Barisal	000	0	0	00	00	97	02	1	113	80	0	0	9	0	0	66	85	000	0	4	09	02	97	02	1	158	76	4	0	9	4	0	67	65		0		2	0	—	0.9	87.9	71
	Khulna	000	0	0	00	00	xx	00	0	103	77	0	0	9	0	0	63	87	000	0	0	00	00	97	00	0	160	78	0	0	9	0	0	67	65	+	2	+	1	0	—	1.2	76.5	81
	Satkhira	000	0	0	00	00	96	00	0	105	78	0	0	9	0	0	66	86	000	0	2	00	00	97	01	2	161	75	1	0	7	3	0	64	61	+	1		1	0	—	1.0	57.1	68
	Jessore	000	0	0	36	02	97	00	0	107	73	0	0	9	0	0	62	85	000	0	1	27	03	97	02	0	158	74	0	0	9	0	0	63	57	+	2	+	2	0	—	0.7	62.2	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	098	77	0	0	9	0	0	64	85	000	0	0	27	05	97	02	0	160	78	0	0	9	0	0	58	63					0	—	0.9	59.0	65
	Sirajganj	000	0	0	00	00	xx	00	0	095	74	0	0	9	0	0	64	84	000	0	0	00	00	97	00	0	153	77	0	0	9	0	0	61	62	+	2		0				55.6	59
	Bogra	000	0	0	23	02	xx	05	0	096	77	0	0	9	0	0	63	81	000	0	0	23	02	96	02	0	156	73	0	0	9	0	0	61	63	+	1	+	1	0.7	—	0	50.0	64
	Dinajpur	000	0	0	00	00	xx	00	0	097	73	0	0	9	0	0	59	83	000	0	0	00	00	96	00	0	149	71	0	0	9	0	0	60	61	+	1	+	1	0.3	—	0.5	53.6	69
	Rangpur	000	0	1	00	00	xx	01	0	097	73	1	0	9	1	0	61	81	000	6	0	25	02	96	02	4	155	70	0	0	9	0	0	62	60	—	1	+	0	0.1	—	0.3	61.2	72
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	12	0	149	69	0	0	9	0	0	41	74	000	0	0	00	00	95	10	0	170	49	0	0	9	0	0	41	43									
	Sialkot	000	0	0	00	00	97	00	0	135	66	0	0	9	0	0	52	70	000	0	0	00	00	98	00	0	165	54	0	0	9	0	0	47	45	—	9	—	3	0	—	0	51.1	79
Rawal-pindi	Jhelum	000	0	0	31	05	98	02	0	144	66	0	0	9	0	0	47	72	000	0	0	36	02	97	02	0	162	51	0	0	9	0	0	41	44	—	10	—	4	0.7	+	0.6	35.7	32
	Rawalpindi	000	0	0	27	03	99	00	0	168	58	0	0	9	0	0	44	65	000	0	0	00	00	94	10	0	183	44	0	0	9	0	0	43	40	—	12	—	3	0.7	—		35.5	
	Campbellpur	000	0	0	36	02	98	00	0	154	62	0	0	9	0	0	57	67	000	0	0	13	02	98	00	0	175	46	0	0	9	0	0	44	40					1.4	+	1.3	53.9	36
Sargodha	Khushab	000	0	0	00	00	96	00	0	169	72	0	0	9	0	0	41	75	000	0	0	00	00	99	00	0	164	51	0	0	9	0	0	45	44			0.5				12.3	
	Lyallpur	000	0	0	00	00	96	00	0	150	72	0	0	9	0	0	42	77	000	0	0	00	00	94	04	0	169	49	0	0	9	0	0	45	46	—	7	—	5	0		0	11.2	18
	Montgomery	000	0	0	00	00	98	00	0	151	70	0	0	9	0	0	52	74	000	0	0	00	00	96	02	0	171	53	0	0	9	0	0	43	46	—	4	—	2	0		0	13.9	12
Multan	Multan	000	0	4	00	00	98	03	0	155	72	0	0	9	0	2	42	79	000	0	4	00	00	97	03	0	175	55	0	0	9	0	2	45	51	—	9		5	0		0	10.1	10
	Leiah	000	9	4	23	01	97	01	1	157	70	0	0	9	0	4	50	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	3	+	1	0		0	7.5	7
Bahawal-pur	Khanpur	000	0	1	00	00	96	02	0	153	75	1	0	9	3	0	45	81	000	0	3	00	00	91	03	0	165	56	0	0	9	0	2	43	43	—	6		8	0		0	12.6	4
	Bahawalpur	000	0	6	00	00	98	00	0	152	74	6	0	8	0	0	57	80	000	0	4	00	00	98	00	0	165	56	4	0	9	0	0	47	47	—	5		8	0		0	4.9	6
	Fort Abbas	000	0	6	36	02	98	00	0	150	72	0	0	9	0	0	45	76	000	0	0	13	02	98	00	0	165	54	0	0	9	0	0	40	46					0		0	3.1	8
Pesha-war	Chakdara	000	0	0	00	00	97	00	0	143	59	0	0	9	0	0	43	62	000	0	0	00	00	97	00	0	197	49	0	0	9	0	0	35	41			1.7				27.0	
	Peshawar	000	0	1	00	00	98	03	0	159	65	0	0	9	0	1	41	70	000	0	0	27	02	98	02	0	184	47	0	0	9	0	0	39	44	—	6		4	1.0	+	1.0	18.8	11
	Haripur	000	0	0	05	02	97	00	0	151	64	0	0	9	0	0	46	69	000	0	0	31	05	98	00	0	154	48	0	0	9	0	0	39	43					1.7			30.3	
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	150	67	0	0	9	0	0	48	68	000	0	0	00	00	99	00	0	175	47	0	0	9	0	0	44	46			0.5				14.3	
	D. I. Khan	000	0	0	00	00	xx	00	0	159	73	0	0	9	0	0	51	76	000	0	0	00	00	98	00	0	175	50	0	0	9	0	0	42	46	—	5	—	1	0	—	0.1	7.7	11
Quetta	Sibi	000	0	0	13	02	98	00	0	154	77	0	0	9	0	0	40	80	000	0	5	23	02	98	03	1	175	50	0	0	9	4	2	36	49			0				5.6	5
Kalat	Nokkundi	000	0	0	00	00	98	00	0	146	73	0	0	9	0	0	45	74	000	2	2	36	03	98	03	1	219	53	0	0	9	2	0	32	50			0				1.0	3
	Turbat	000	0	0	36	03	98	00	0	131	86	0	0	9	0	0	31	89	000	0	0	09	02	98	00	0	158	69	0	0	9	0	0	26	xx			0				12.3	
	Jiwani	000	0	0	18	07	97	02	0	144	81	0	0	9	0	0	49	86	000	0	1	36	03	97	02	0	165	64	0	0	9	0	1	53	64			0				3.8	8
	Pasni	000	0	0	13	07	98	00	0	138	79	0	0	9	0	0	59	85	000	3	2	29	02	97	02	0	161	63	0	0	9	0	2	54	61		0		2	1.0	—	0.1	5.4	6
Karachi Division	Ormara	000	0	0	09	02	96	00	0	137	80	0	0	9	0	0	44	84	000	0	2	00	00	96	02	1	158	62	2	0	9	0	1	56	59			0		0		0.9	0
	Lasbela	000	0	0	00	00	98	00	0	137	90	0	0	9	0	0	79	91	000	0	0	00	00	98	00	0	158	62	0	0	9	0	0	41	60			0		0		0	0
	Karachi (Manora)	000	0	0	25	10	98	02	0	131	83	0	0	9	0	0	75	87	000	0	6	09	05	96	03	1	160	70	0	0	9	0	3	56	68	+	3		1	0		0.1	9.8	8
	Karachi (Airport)	000	0	0	18	05	96	02	0	136	84	0	0	9	0	0	42	88	000	0	4	00	00	96	03	0	167	63	0	0	9	0	2	43	58			0				24.6	
Hyder-abad	Nagarparkar	000	0	0	13	02	97	00	0	125	84	0	0	9	0	0	61	86	000	0	0	00	00	97	00	0	155	64	0	0	9	0	0	51	51			0				27.3	
	Umarkot	000	0	0	34	02	98	02	0	127	84	0	0	9	0	0	46	89	000	0	6	00	00	97	02	0	158	60	0	0	9	0	0	44	51			0				16.1	
	Hyderabad	000	0	0	36	03	97	02	0	141	83	0	0	9	0	0	49	89	000	0	5	36	02	96	05	0	169	63	0	0	8	0	0	45	60	+	1		1	0		0	12.9	7
	Badin	000	0	0	36	02	97	00	0	140	85	0	0	9	0	0	44	92	000	0	0	36	02	97	00	0	170	60	0	0	9	0	0	51	60			0		0.1		14.8	9
Khairpur	Padidan	000	0	0	31	05	97	02	0	145	80	0	0	9	0	0	42	82	000	0	2	00	00	97	01	0	164	49	0	0	9	0	0	45	47			0				11.1	
	Nawabshah	000	8	8	00	00	97	02	0	158	81	0	0	9	0	0	43	84	000	0	3	00	00	97	03	1	179	54	0	0	9	0	5	47	51			0				9.3	
	Sukkur	000	0	0	05	02	97	02	0	144	79	0	0	9	0	0	47	82	000	4	3	00	00	95	03	1	162	61	0	0	9	0	0	48	53			0				2.2	
	Kashmore	000	0	0	00	00	97	02	0	149	75	0	0	9	0	0	29	85	000	4	0	00	00	99	03	0	173	64	0	0	9	0	0	38	58			0				1.8	
	Jacobabad	000	0	0	00	00	97	02	0	150	79	0	0	9	0	0	33	81	000	0	3	09	03	97	03	0	165	66	1	0	9	3	1	41	54		4		1	0		0	8.8	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								5
	Kuwait																																								5
Kashmir	HILL STATIONS																																								
	Srinagar •																																								26
	Gulmarg •																																								71
	Sonamarg •																																								26
	Dras •																																								3
	Leh •																																								6
	Skardu •																																								—
	Mirgar •																																								—
	Aliabad •																																								—
	Gilgit •																																								5
Rawalpindi	Murree ••	000	0	0	29	13	98	00	0	501	46	0	0	9	0	0	11	51	000	0	0	07	02	98	00	0	519	49	0	0	9	0	0	07	36	—	5	—	5	1.3	+	1.0	70.6	59
Pesha-war	Drosh	000	0	0	09	17	96	02	0	531	52	0	0	9	0	0	17	55	000	0	0	00	00	97	02	0	562	42	0	0	9	0	0	22	37	—	9	—	6	0.9	—		23.9	18
	Chitral	000	0	0	05	05	98	03	0	584	51	0	0	9	0	0	26	55	000	0	0	31	07	98	00	0	545	50	0	0	9	0	0	34	47	—	10	—	2	1.5	+	1.4	35.0	29
	Kakul	000	0	0	31	03	99	00	0	512	54	0	0	9	0	0	35	63	000	0	0	31	02	98	00	0	513	48	0	0	9	0	0	24	41			2.8				39.1	
	Landikotal	000	0	0	00	00	98	00	0	504	58	0	0	9	0	0	34	60	000	0	0	00	00	99	00	0	499	41	0	0	9	0	0	28	35			0.4				13.7	
	Parachinar	000	0	1	01	30	99	00	0	515	58	0	0	9	0	0	28	60	000	0	0	00	00	99	00	0	514	39	0	0	9	0	0	25	39	—	3		0	0.4			29.6	
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	507	64	0	0	9	0	0	40	66	000	0	0	00	00	99	00	0	485	45	0	0	9	0	0	33	44			0.1	+	0.1	7.8	13
	Wana	000	0	0	00	00	99	00	0	509	59	0	0	9	0	0	32	64	000	0	0	00	00	99	00	0	517	38	0	0	9	0	0	32	33			0.9				17.8	11
Quetta	Fort Sandeman ••	000	2	0	00	00	99	01	0	545	66	2	0	8	3	0	20	69	000	0	1	00	00	98	01	0	530	41	1	0	8	3	0	10	36	—	1		3	0		0	11.3	11
	Hindubagh	000	0	0	25	10	97	00	0	489	62	0	0	9	0	0	08	60	000	0	0	31	07	97	00	0	524	32	0	0	9	0	0	06	29			0.1				5.9	
	Loralai	000	5	6	08	99	01	2	362	61	0	0	9	1	2	32	68	000	0	4	29	02	99	01	1	345	43	0	0	9	1	2	03	35			0.4				5.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	58	0	0	9	0	0	xx	xx	000	7	0	29	02	95	31	0	xxx	xx	7	0	3	1	0	6	xx	xx			0.1	—	0.1	34.7	14
	Quetta	000	0	0	00	00	96	00	0	518	58	0	0	9	0	0	36	58	000	0	0	00	00	96	00	0	508	40	0	0	9	0	0	25	26	—	6		8	0.4	+	0.4	6.7	8
	Chaman	000	0	0	31	05	98	00	0	526	86	0	0	9	0	0	13	58	000	0	5	09	05	98	02	0	535	42	0	0	9	2	0	22	35	—	9	—	7	0.5	+	0.5	6.7	8
	Nushki	000	0	0	31	05	98	02	0	566	63	0	0	9	0	0	34	65	000	0	4	09	05	98	03	0	574	50	4	0	9	6	0	24	40			0		0.2		3.8	4
	Dalbandin	000	8	1	05	07	98	03	1	537	45	1	0	9	3	0	15	68	000	9	5	36	02	98	03	1	523	40	5	0	9	7	0	30	39	—	5		0	0.2	+	0.2	2.8	4
Kalat	Kalat	000	0	0	34	05	98	00	0	478	61	0	0	9	0	0	21	63	000	2	6	16	02	98	03	1	514	39	6	0	9	5	0	20	29	+	1		0	0.2	+	0.1	13.1	7
	Panjgur	000	0	1	36	05	98	02	0	520	68	0	0	9	0	0	23	71	000	0	3	05	02	98	02	0	521	48	0	0	9	0	3	20	46	—	2		1	0.2			5.2	5
Afghanistan	Kabul																																								12
	Kandahar																																								

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	OT$_w$T$_w$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kampala	63 224	660 06	0 00 05	99 0 20	171 81	00 9 00	46 2 10	...	05 1 66	10 0 22
Samora	63 197	716 06	1 03 09	98 0 20	137 81	00 x 01	75 1 10	...	05 2 64	10 3 32
Feronia	63 075	890 06	7 05 09	98 0 22	09x 83	...	...	...	...	...
Kampala	63 210	654 12	2 02 05	99 0 30	144 79	11 4 01	46 6 12	...	05 1 72	10 2 22
Isedora	63 175	562 12	3 08 04	99 0 20	136 81	42 8 00	56 7 21	...	05 0 68	10 8 21
Keildreht	63 229	632 42	0 35 04	98 0 20	143 81	00 8 00	...	...	00 2 65	13 6 20
Jaljawalior	63 175	666 12	4 03 16	98 0 3x	110 81	20 8 38	24 6 09	...	05 2 xx	10 4 22
KamPala	63 202	650 18	2 02 05	96 x 2x	159 79	21 5 00	46 4 00	...	05 2 52	10 2 22
Samora	63 219	691 18	2 34 09	98 x 20	101 72	00 x 01	75 1 10	...	05 3 62	13 4 22
Jaljawahor	63 177	676 18	2 04 09	98 0 13	139 81	00 9 02	24 1 08	...	00 1 xx	10 4 32
Jalaprabha	63 214	694 18	3 07 10	99 x 22	139 81	31 6 12	...	...	...	...
Kieldreche	63 239	695 18	0 00 00	97 0 20	162 77	00 9 00	...	...	05 2 65	10 0 x0
BAY OF BENGAL										
Athasan	63 212	916 12	3 01 02	99 0 21	114 xx	00 0 00	13 2 08	...	05 4 72	10 1 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900$_{mb}$	850$_{mb}$	800$_{mb}$ HHHTTTT$_d$T$_d$T$_d$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$ HHHTTT	150$_{mb}$	100$_{mb}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	011 192 175	...	...	148 148 992	...	...	...	...	...	...	...	...	...
Dacca ...														
Jiwani ...	00 00	911 158 095	119 225 125	...	150 145 025	...	311 078 995	444 002 992	581 575 998	750 712 995	957 828	230 040	411 150	...
Karachi ...	00 00	990 155 068	...	...	145 132 998	...	302 065 995	427 005 995	571 585 995	742 660 990	955 745	240 825	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	974 078 028	...	...	148 138 038	...	312 082 555	438 028 608	583 552 678	750 640 990	964 748	...	...	...
Quetta ...	00 00	835 018 532	...	...	...	...	306 685 995	419 810 990	547 905 995	699 955 995	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 170 xxx	800 130 xxx	...	...	...	...	...	...	...	800 150 xxx	...	...
Dacca ...													
Jiwani ...	00 00	900 182 062	800 085 552	...	...	...	...	...	...	...	800 085 522	...	...
Karachi ...	00 00	900 152 505	800 115 995	...	...	...	...	...	...	...	800 115 995	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	925 188 062	900 132 052	800 128 022	...	...	...	...	...	...	800 128 022	...	...
Quetta ...	00 00	810 102 552	800 505 552	...	...	...	...	...	...	...	800 505 552	...	...

PPP—Pressure in hundred tens and units of millibars.

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

Se—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	25 09	25 10	25 12	28 12	28 24	28 39				30 14	30 13	29 12				34 05	29 07	29 10	28 12	31 10	05 16					
Chaldak ...	...	29 07	31 08	02 04	03 07	31 10	29 11	31 23	31 25	...	10 01	01 01	34 04	33 08	28 10	...	19 02	18 02	07 04	35 02	18 06	24 10	24 12	26 09	27 23	...
Chhor ...	03 03	36 03	36 05	11 01	27 04	27 10	28 24	27 31	27 38	10 04	11 04	01 02	33 20	01 30	27 13	15 05	21 03	26 04	35 07	15 05	25 12	26 21	25 29	25 36	...	...
Chittagong ...	34 06	34 07	02 06	35 07	30 15	27 21	...	...	...	33 08	33 06	33 07	34 10	34 10	29 24	06 08	01 09	01 05	36 14	33 23	31 27	27 41	28 46	28 53	28 64	...
Coer's Bazar ...	33 11	35 08	02 08	33 12	30 13	...	...	...	...	35 10	35 14	xx xx	xx xx	33 12	27 00	02 20	03 21	01 23	36 26	36 28	29 28	30 29	30 36	28 58	...	...
Dacca ...	28 08	27 08	27 09	27 12	26 13	30 23	...	...	...	29 12	29 08	32 08	29 15	30 22	29 35	34 11	31 10	30 15	29 16	33 14	30 36	29 52	28 60	28 24	24 52	
Dalbandin ...	...	...	09 09	05 10	01 10	31 08	27 20	25 30	27 37	...	...	07 08	50 30	32 09	31 18	...	...	09 05	06 11	35 09	34 23	29 18	27 19	25 25	27 35	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gupsis ...	...	...	...	...	02 10	03 07	36 29	34 35	...	...	...	...	06 02	06 06	01 15	...	...	...	03 17	01 25	35 21	36 36	...	...	...	...
Kors Sandaman ...	...	...	...	18 01	29 06	27 08	27 12	28 21	28 25	...	...	...	22 03	28 07	23 08	...	...	...	27 05	26 08	26 15	27 22	...	...	...	...
Jacobabad ...	12 02	19 04	28 05	24 05	05 06	26 10	27 17	27 27	27 36	35 02	26 04	22 06	25 15	30 15	28 05	17 03	20 04	26 04	29 04	24 06	25 10	24 24	26 32	25 36	25 44	...
Jiwani ...	29 08	29 08	30 08	30 06	30 09	...	...	...	...	31 04	32 07	33 07	30 12	...	...	33 05	32 03	32 05	32 10	30 14	31 29	29 38	...	...	...	...
Kalam ...	30 06	32 09	32 08	34 07	34 09	30 10	32 08	31 20	31 21	33 10	33 14	33 08	34 07	31 10	31 12	32 04	34 07	35 02	32 05	31 03	31 02	27 10	28 14	26 21	27 29	...
Jiwani ...	25 03	35 05	35 07	35 09	32 09	30 13	28 23	27 34	26 39	35 10	33 08	35 06	01 03	06 03	27 12	08 05	04 05	03 04	01 02	32 04	30 10	25 32	25 36	25 42	26 51	25 61
Karachi ...	16 08	16 05	12 04	07 05	05 08	28 09	27 16	28 31	28 30	...	...	...	...	...	...	25 03	29 04	29 05	27 05	11 03	27 08	27 25	25 25	26 27	...	...
Khanpur ...	13 02	21 03	23 03	24 05	29 08	26 15	27 21	27 27	27 39	17 02	21 04	23 06	25 13	26 21	30 14	20 04	21 10	21 08	27 13	29 03	23 11	...	...	...	...	...
Lahore ...	33 07	32 08	32 11	31 15	32 16	33 13	32 19	30 15	30 16	31 14	31 07	32 19	31 17	31 12	34 04	31 08	31 16	31 17	31 12	30 10	29 07	26 04	25 07	26 12	25 21	28 46
Multan ...	19 06	19 05	28 04	26 06	29 13	28 20	28 13	28 21	...	16 06	24 05	24 07	27 07	29 03	26 08	18 08	18 10	18 09	26 04	01 01	27 01	27 18	27 31	27 35	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	04 07	04 05	06 08	27 19	27 31	27 32	...	...	...	36 14	35 16	31 23	...	...	...	01 07	35 15	30 13	26 26	26 27	26 39	35 40	26 62
Peshawar ...	...	19 04	33 05	33 15	32 18	33 17	29 15	27 08	29 08	...	06 04	10 03	30 05	30 07	25 07	...	19 02	26 03	34 12	34 08	31 06	21 05	24 18	22 12	...	...
Quetta ...	...	...	...	...	31 03	29 09	27 10	26 20	27 23	...	...	...	...	32 03	30 06	...	...	...	...	33 01	32 10	31 18	31 13	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 10	25 09	26 11	27 14	28 16	...	...	...	...	16 03	25 11	24 09	26 15	27 17	...	22 06	25 08	26 08	28 10	29 10	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	23 10	23 09	32 10	31 15														
Karachi ...	28 08	28 04	28 04	28 03	28 06	28 08	26 17	25 27	25 36	24 45	25 68	26 79	26 80	76 15	76 29	...	...	...
Peshawar ...	...	17 07	27 08	32 13	05 18	34 15	29 15	29 19	30 23	29 43	29 66	79 06	80 00	79 44	79 56	...	...	...
Quetta ...																		

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

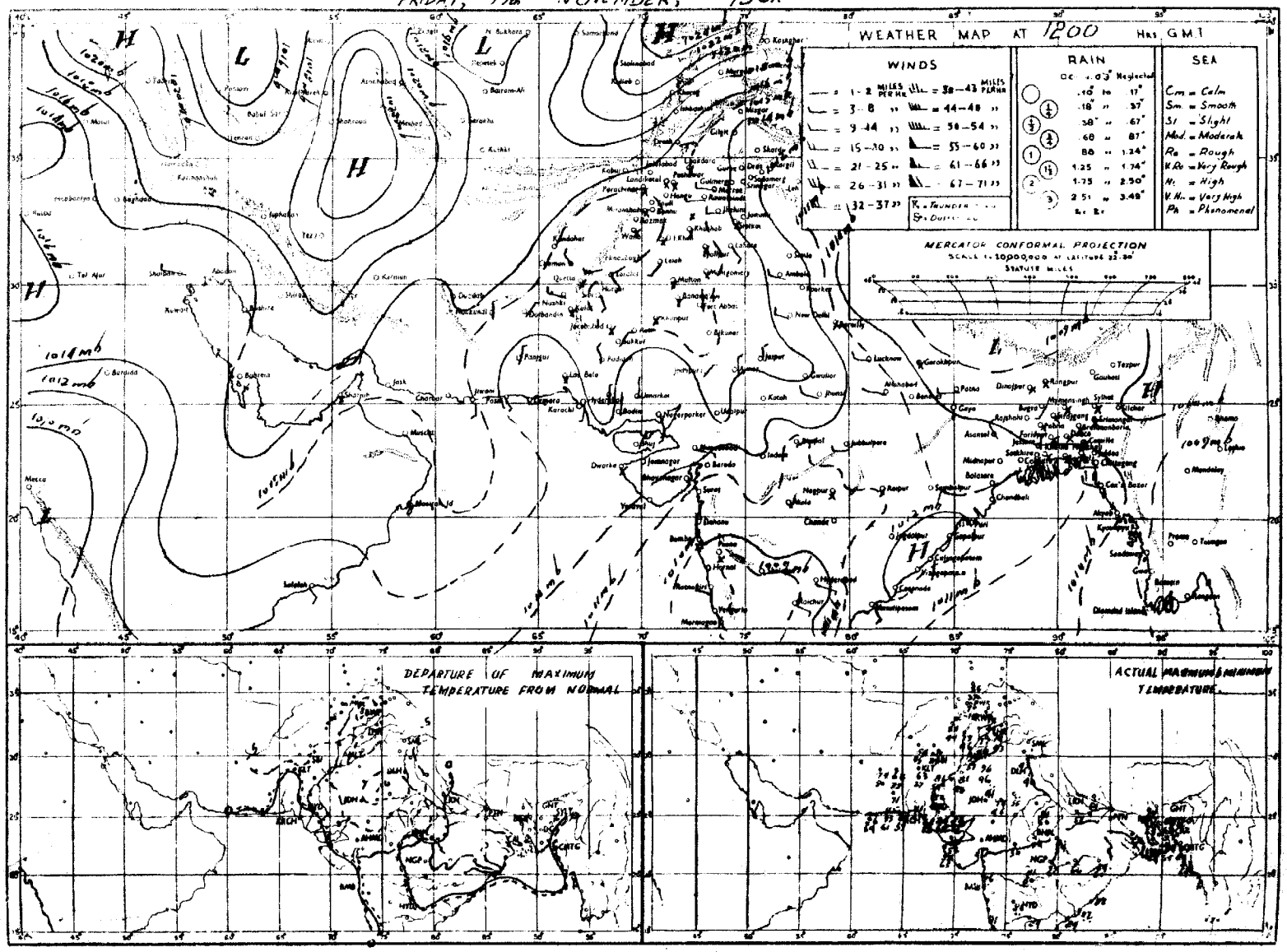
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 661 33 014

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

PAKISTAN DAILY WEATHER MAP

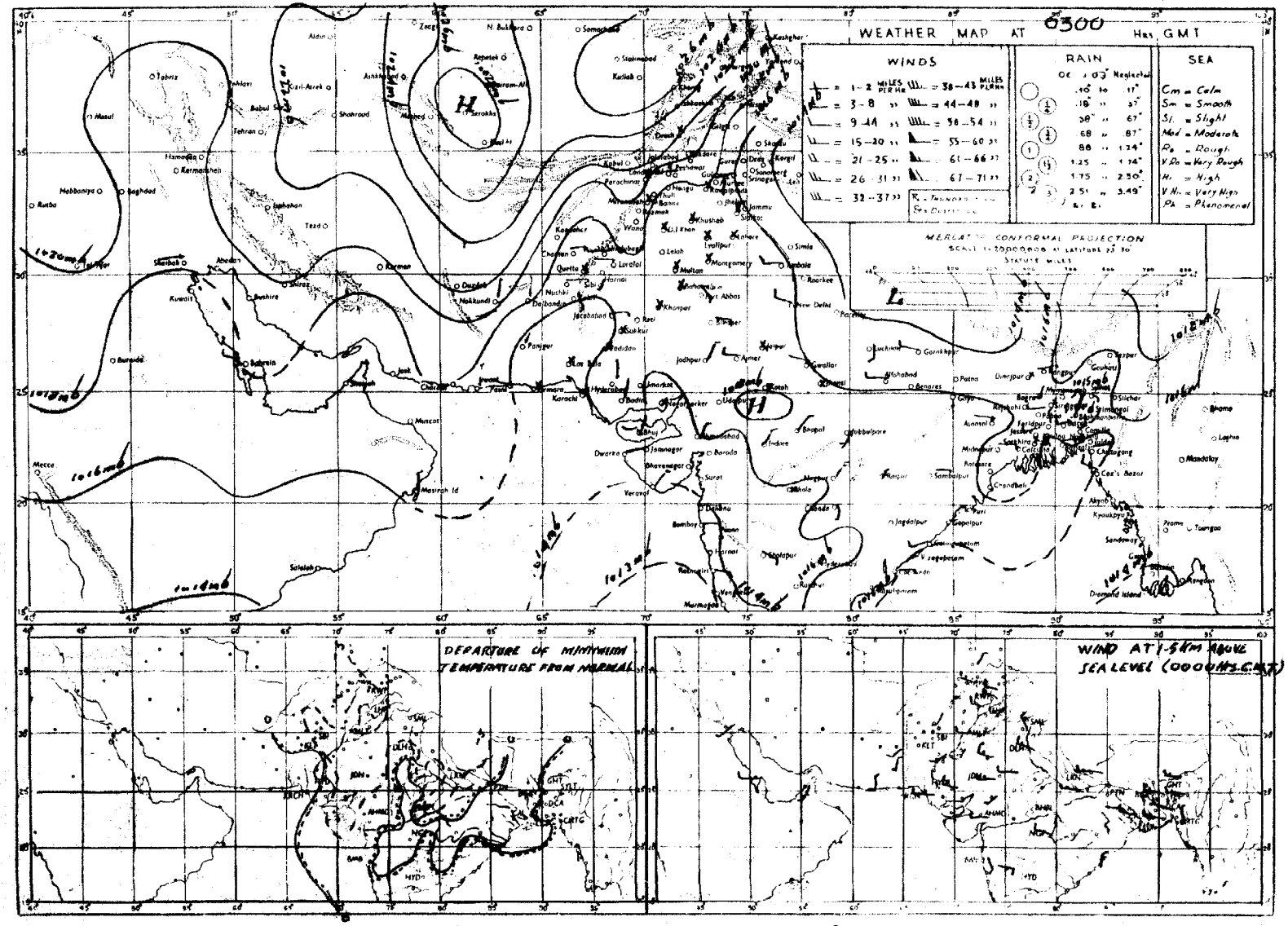
FRIDAY, 17th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 18th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 19th NOVEMBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is moving away across east Russian Turkistan north of Kashmir. Its feeble secondary lies over Peshawar division and adjoining areas.

Weather remained mainly dry over the country.

Night temperatures were 2-4°F below normal in East Pakistan and 6-7°F so in western districts of Quetta division.

Forecast valid until the evening of 20th November, 1961:—Scattered light rain or snow may fall in the hills of Peshawar and Rawalpindi divisions and Kashmir. Weather will be dry elsewhere over the country.

Karachi-11
The 19th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	7	0	27	02	xx	00	4	144	75	0	0	9	0	0	64	85
	Cox's Bazar	000	0	1	05	05	xx	02	0	128	75	1	0	9	4	0	62	84
	Chittagong	000	0	1	00	00	xx	01	1	134	74	0	0	9	0	2	61	85
	Maijdee Court	000	9	0	00	00	xx	10	0	133	74	0	0	9	0	0	60	83
	Comilla	000	0	0	00	00	xx	02	0	126	74	0	0	9	0	0	69	xx
	Brahmanbaria	000	0	1	00	00	xx	01	1	139	74	1	5	5	0	0	63	83
	Sylhet	000	0	1	00	00	xx	02	0	135	71	1	2	6	0	0	59	81
	Srimangal	000	0	0	00	00	xx	00	0	xxx	67	0	0	9	0	0	xx	xx
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	146	76	0	0	9	0	0	57	82
	Narayanganj	000	9	0	31	02	xx	05	0	138	76	0	0	9	0	0	57	82
	Dacca (Tezgaon)	000	0	0	36	02	97	02	0	136	70	0	0	9	0	0	59	84
	Faridpur	000	0	0	00	00	95	05	0	136	75	0	0	9	0	0	62	62
Khulna	Barisal	000	0	4	00	00	97	02	2	129	80	4	0	9	4	0	67	85
	Khulna	000	0	0	00	00	xx	00	0	132	77	0	0	9	0	0	63	86
	Satkhira	000	0	3	00	00	96	03	0	131	79	2	4	7	3	0	78	86
	Jessore	000	0	0	27	02	97	00	0	123	76	0	0	9	0	0	67	84
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	131	75	0	0	9	0	0	61	84
	Sirajganj	000	0	0	00	00	xx	00	0	137	73	0	0	9	0	0	60	84
	Bogra	000	0	0	00	00	xx	02	0	141	72	0	0	9	0	0	61	84
	Dinajpur	000	0	0	00	00	xx	00	0	124	72	0	0	9	0	0	57	83
	Rangpur	000	0	0	00	00	xx	02	0	145	73	0	0	9	0	0	63	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	96	02	1	136	68	5	0	9	7	4	49	77
	Sialkot	000	0	0	00	00	98	00	0	131	68	0	0	9	0	0	51	71
Rawalpindi	Jhelum	000	0	1	31	31	98	02	0	133	65	0	0	9	0	1	48	76
	Rawalpindi	000	0	6	00	00	98	03	1	139	62	2	0	9	4	3	49	69
	Campbellpur	000	0	0	00	00	58	02	1	140	62	0	0	9	0	0	49	72
Sargodha	Khushab	000	0	4	00	00	99	02	1	143	75	0	0	9	0	4	44	77
	Lyallpur	000	0	3	23	02	96	01	0	139	75	0	0	9	0	2	41	76
Multan	Montgomery	000	0	6	00	00	96	02	2	143	69	x	x	x	x	x	52	76
	Multan	000	0	5	00	00	97	03	1	137	74	3	0	9	5	2	50	77
	Leiah	000	0	5	31	01	97	02	1	129	70	5	0	9	4	0	50	78
Bahawalpur	Khanpur	000	0	5	00	00	96	03	0	131	79	1	5	8	3	1	45	82
	Bahawalpur	000	0	3	00	00	98	02	0	134	75	0	0	9	0	3	59	81
	Fort Abbas	000	0	0	00	00	98	00	0	146	75	0	0	9	0	0	51	80
Peshawar	Chakdara	000	0	0	00	00	97	00	0	148	41	0	0	9	0	0	41	69
	Peshawar	000	0	5	00	00	99	03	0	134	67	0	0	9	0	1	40	74
	Haripur	000	0	0	13	02	98	00	0	148	72	0	0	9	0	0	47	72
D. I. Khan	Bannu	000	6	5	00	00	99	03	0	130	70	0	0	9	0	3	43	72
	D. I. Khan	000	4	8	00	00	97	03	0	137	70	0	0	9	0	2	57	76
Quetta	Sibi	000	0	2	36	02	98	03	0	134	81	1	0	9	4	2	39	82
Kalat	Nokkundi	000	9	3	18	03	98	03	0	154	75	3	0	9	2	0	46	77
	Turbat	000	0	0	31	02	98	00	0	137	89	0	0	9	0	0	35	92
	Jiwani	000	0	1	18	09	97	02	0	145	83	0	0	9	0	1	45	85
	Pasni	000	8	2	20	10	98	02	0	136	82	0	0	9	0	2	61	85
Karachi Division	Ormara	000	0	1	23	03	96	02	0	129	82	0	0	9	0	1	50	85
	Lasbela	000	0	0	00	00	98	00	0	136	90	0	0	9	0	0	46	91
	Karachi (Manora)	000	0	6	27	10	98	03	1	127	84	0	0	9	0	6	75	87
	Karachi (Airport)	000	0	4	20	09	96	01	1	139	77	0	0	9	0	6	55	84
Hyderabad	Nagarparkar	000	0	6	00	00	96	02	2	100	82	0	0	9	0	6	47	86
	Umerkot	000	0	7	29	01	98	02	2	127	81	4	8	7	0	9	48	88
	Hyderabad	000	0	5	00	00	97	02	1	129	85	0	0	9	0	8	47	90
	Badin	000	0	0	36	02	97	00	0	144	85	0	0	9	0	0	41	93
Khairpur	Padidan	000	0	1	18	02	98	02	0	128	83	0	0	9	0	8	42	85
	Nawabshah	000	0	3	00	00	97	02	0	141	81	0	0	9	0	8	48	xx
	Sukkur	000	5	1	23	02	97	01	0	129	84	0	0	9	0	3	50	86
	Kashmore	000	0	0	00	00	99	00	0	136	73	0	0	9	0	0	26	85
	Jacobabad	000	0	2	23	02	97	02	0	134	81	2	0	9	3	0	49	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	5	4	29	13	98	01	1	506	50	2	0	9	8	8	15	59
Peshawar	Drosh *	000	0	0	13	03	96	02	0	518	55	0	0	9	0	0	21	59
	Cherat *	000	0	3	05	07	98	01	0	477	56	1	0	9	2	3	31	61
	Kakul *	000	2	4	16	03	98	01	0	504	61	0	0	9	0	4	37	69
	Landikotal *	000	0	1	00	00	98	03	0	494	61	0	0	9	0	4	30	64
	Parachinar *	000	0	2	13	01	99	02	0	502	59	2	0	9	2	0	23	66
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	514	69	0	0	9	0	0	36	71
	Wana *	000	0	5	00	00	99	02	0	509	59	0	0	9	0	7	29	65
Quetta	Fort Sandeman *	000	0	7	25	01	99	03	0	517	63	7	0	8	3	0	15	67
	Hindubagh *	000	6	3	25	10	97	02	0	484	57	0	0	9	0	2	21	61
	Loralai *	000	0	6	00	00	98	01	2	376	62	2	4	8	2	1	27	66
	Harnai *	000	9	7	09	01	96	21	6	xxx	xx	7	3	4	0	0	xx	xx
	Quetta *	000	0	1	00	00	96	02	0	511	56	1	1	5	0	0	28	57
	Chaman *	000	0	6	27	05	98	02	2	523	57	6	0	9	2	0	16	59
	Nushki *	000	0	0	31	02	98	02	0	551	65	0	0	9	0	0	32	66
	Dalbandin *	000	8	1	05	05	98	01	1	534	67	1	0	9	3	0	29	70
Kalat	Kalat *	000	0	0	31	02	98	00	0	507	52	0	0	9	0	0	09	67
	Panjgur *	000	0	1	36	03	98	02	0	523	70	0	0	9	0	1	23	71
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	000	0	0	02	02	97	02	0	157	74	0	0	9	0	0	63	65
Chittagong	000	0	0	05	05	96	00	1	168	73	0	0	9	0	0	61	62
Maijdee Court	000	9	0	36	02	98	00	4	171	72	0	0	9	0	0	61	61
Comilla	000	0	0	00	00	97	00	0	xxx	xx	0	0	9	0	0	61	60
Brahmanbaria	000	0	0	05	05	97	00	0	180	74	0	0	9	0	0	63	64
Sylhet	000	0	0	09	05	96	00	0	181	70	0	0	9	0	0	60	59
Srimangal	000	0	0	00	00	96	00	0	xxx	75	0	0	9	0	0	62	47
Mymensingh	000	0	0	00	00	97	00	0	183	70	0	0	9	0	0	62	60
Narayanganj	000	9	0	31	02	96	05	4	176	74	0	0	9	0	0	65	63
Dacca (Tezgaon)	000	0	0	05	02	97	02	0	173	73	0	0	9	0	0	63	59
Faridpur	000	0	0	00	00	95	05	0	174	74	0	0	9	0	0	64	61
Barisal	000	0	0	00	00	97	00	0	163	77	0	0	9	0	0	68	64
Khulna	000	0	0	00	00	97	00	0	179	74	0	0	9	0	0	62	64
Satkhira	000	0	0	00	00	97	00	1	176	72	0	0	9	0	0	60	60
Jessore	000	0	0	05	02	97	00	0	186	73	0	0	9	0	0	60	57
Pabna	000	0	0	05	05	98	02	0	191	74	0	0	9	0	0	61	59
Sirajganj	000	0	0	00	00	97	00	0	180	75	0	0	9	0	0	64	59
Bogra	000	0	0	31	02	96	02	0	184	68	0	0	9	0	0	62	59
Dinajpur	000	0	0	00	00	94	00	0	184	71	0	0	9	0	0	57	57
Rangpur	000	0	0	05	02	96	02	0	193	68	0	0	9	0	0	63	59
Jammu																	
Lahore (Jail Rd.)	000	0	2	13	02	96	01	0	190	52	2	0	9	7	0	47	49
Sialkot	000	0	3	13	02	97	02	0	190	60	0	0	9	0	4	54	53
Jhelum	000	9	6	00	00	96	02	2	184	52	6	0	9	3	0	48	49
Rawalpindi	000	0	5	36	02	98	03	0	200	47	5	0	9	3	0	44	44
Campbellpur	000	0	3	13	02	98	01	1	191	47	3	0	9	3	0	45	42
Khushab	000	0	0	00	00	99	00	0	183	55	0	0	9	0	0	47	49
Lyallpur	000	0	0	00	00	94	05	4	183	50	0	0	9	0	0	48	48
Montgomery	000	0	2	13	02	96	01	1	182	56	0	0	9	0	1	46	48
Multan	000	0	0	00	00	97	02	0	176	60	0	0	9	0	0	44	55
Leiah	000	0	0	31	02	97	00	0	173	60	0	0	9	0	0	38	43
Khanpur	000	0	0	00	00	96	02	0	168	62	0	0	9	0	0	45	48
Bahawalpur	000	0	0	18	02	98	00	0	167	62	0	0	9	0	0	49	51
Fort Abbas	000	0	0	09	02	98	00	0	194	60	0	0	9	0	0	41	51
Chakdara	000	0	0	00	00	97	00	0	189	45	0	0	9	0	0	41	42
Peshawar	000	0	7	00	00	97	02	2	195	47	2	0	9	3	1	43	44
Haripur	000	0	0	23	02	98	00	0	175	48	0	0	9	0	0	37	43
Bannu	000	0	3	00	00	99	03	0	185	48	0	0	9	0	4	41	44
D. I. Khan	000	0	0	00	00	98	00	0	182	49	0	0	9	0	0	45	46
Sibi	000	0	0	00	00	96	05	0	175	51	0	0	9	0	0	37	49
Nokkundi	000	9	6	18	03	98	02	2	212	54	6	0	9	4	0	27	52
Turbat	000	0	0	00	00	99	00	0	158	69	0	0	9	0	0	26	xx
Jiwani	000	0	3	35	02	97	03	0	167	79	0	0	9	0	1	61	61
Pasni	000	3	2	29	02	97	02	0	154	65	0	0	9	0	2	48	61
Ormara	000	0	0	00	00	96	02	0	146	66	0	0	9	0	0	59	60
Lasbela	000	0	0	00	00	98	00	0	151	66	0	0	9	0	0	46	60
Karachi (Manora)	000	0	3	00	00	95	05	1	151	68	0	0	9	0	3	56	66
Karachi (Airport)	000	0	1	00	00	96	02	0	158	64	0	0	9	0	1	57	59
Nagarparkar	000	0	6	00	00	97	02	2	161	68	0	0	9	0	6	51	xx
Umerkot	000	0	2	16	01	97	02	0	153	64	0	0	9	0	8	44	53
Hyderabad	000	0	2	00	00	95	10	0	155	63	0	0	9	0	1	59	62
Badin	000	0	0	00	00	97	00	0	158	65	0	0	9	0	0	60	65
Padidan	000	0	0	36	02	97	02	C	155	57	0	0	9	0	0	47	49
Nawabshah	000	0	1	00	00	96	03	0	158	56	0	0	9	0	5	48	51
Sukkur	000	9	0	16	03	95	02	0	157	64	0	0	9	0	0	51	58
Kashmore	000	0	0	00	00	99	00	0	162	66	0	0	9	0	0	57	50
Jacobabad	000	0	0	05	02	99	02	0	165	59	0	0	9	0	0	42	53
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	6	27	02	97	02	2	534	49	3	5	5	4	0	16	39
Drosh *	000	0	1	13	01	97	02	0	xxx	58	0	0	9	0	1	54	52
Cherat *	000	0	2	05	07	98	03	0	504	53	0	0	9	0	4	32	50
Kakul *	000	9	5	05	02	99	03	0	524	49	2	0	9	3	4	28	47
Landikotal *	000	0	3	00	00	98	03	0	504	41	0	0	9	0	4	34	38
Parachinar *	000	0	4	00	00	99	02	1	521	41	4	1	7	0	0	28	42
Miranshah *	000	0	0	00	00	99	00	0	532	46	0	0	9	0	0	32	43
Wana *	000	0	0	00	00	99	00	0	517	38	0	0	9	0	0	32	33
Fort Sandeman *	000	0	0	00	00	98	02	0	540	44	0	0	9	0	0	06	39
Hindubagh *	000	0	0	23	02	97	00	0	517	43	0	0	9	0	0	19	27
Loralai *	000	0	3	27	02	99	01	1	348	41	2	0	9	1	2	11	34
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	000	0	0	00	00	96	00	0	546	41	0	0	9	0	0	19	27
Chaman *	000	0	0	09	05	98	00	0	541	44	0	0	9	0	0	22	37
Nushki *	000	0	0	05	13	98	02	0	561	52	0	0	9	0	0	31	42
Dalbandin *	000	9	1	05	02	98	02	0	525	43	1	0	9	3	0	24	38
Kalat *	000	0	0	16	02	98	00	0	555	32	0	0	9	0	0	29	24
Panjgur *	000	0	0	05	02	98	02	0	518	49	0	0	9	0	0	22	45
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—					—
Cox's Bazar	0	— 2	0.9	— 1.6	186.7	140
Chittagong	+ 2	— 3	0.1	— 1.5	170.7	108
Maijdee Court	0	— 4	0	— 1.2	124.5	115
Comilla	—	— 3	0	— 1.1	76.9	94
Brahmanbaria	—	—	0	— 1.0	65.4	78
Sylhet	—	—	0.1	—	—	—
Srimangal	—	— 12	1.0	— 0.3	51.4	98
Mymensingh	0	— 4	0.3	— 0.6	62.1	91
Narayanganj	— 1	— 2	0.3	— 0.6	62.9	74
Dacca (Tezgaon)	—	—	0	—	81.2	—
Faridpur	+ 1	— 2	0	— 0.9	87.9	71
Barisal	+ 2	0	0	— 1.3	76.5	81
Khulna	+ 3	— 1	0	— 1.1	57.3	60
Satkhira	+ 1	— 3	0	— 0.7	62.2	65
Jessore	+ 1	— 6	0	— 0.9	59.0	65
Pabna	—	—	0	—	55.6	59
Sirajganj	+ 2	— 3	0.7	+ 0.0	50.0	64
Bogra	+ 1	— 3	0.3	— 0.5	53.6	69
Dinajpur	+ 1	— 3	0	— 0.3	51.7	72
Rangpur	— 1	— 1	0.1	— 0.3	60.2	84
Jammu						—
Lahore (Jail Rd.)	— 7	+ 3	0	0	51.1	19
Sialkot	— 9	+ 4	0.7	+ 0.6	35.7	32
Jhelum	—	—	0.7	—	35.5	—
Rawalpindi	— 8	+ 1	1.4	+ 1.3	53.9	36
Campbellpur	—	—	0.5	—	12.3	—
Khushab	— 5	0	0	0	11.2	15
Lyallpur	— 5	0	0	0	13.9	12
Montgomery	— 7	— 3	0	0	10.1	10
Multan	— 5	+ 5	0	0	7.5	7
Leiah	—	—	0	—	10.6	8
Khanpur	— 5	— 2	0	0	12.6	6
Bahawalpur	— 4	— 4	0	0	4.9	6
Fort Abbas	—	—	0	—	3.1	8
Chakdara	—	—	1.7	—	27.0	—
Peshawar	— 2	— 4	1.0	+ 1.0	18.8	14
Haripur	—	—	1.7	—	30.3	
Bannu	—	—	0.5	—	14.3	11
D. I. Khan	— 5	— 1	0	— 0.1	7.7	9
Sibi	—	—	0	—	5.6	8
Nokkundi	—	—	0	—	1.0	2
Turbat	—	—	1.0	—	12.3	—
Jiwani	—	—	0	—	3.8	5
Pasni	0	+ 2	0	— 0.1	5.4	6
Ormara	—	—	0	0	9.9	6
Lasbela	—	—	0	—	0	8
Karachi (Manora)	+ 3	0	0	— 0.1	9.8	8
Karachi (Airport)	—	—	0	—	24.6	—
Nagarparkar	—	—	0	—	27.3	—
Umerkot	—	—	0	—	18.1	—
Hyderabad	+ 2	+ 3	0	0	12.9	7
Badin	—	—	0	— 0.2	14.8	9
Padidan	—	—	0	—	11.1	—
Nawabshah	—	—	0	—	9.3	—
Sukkur	—	—	0	—	2.2	4
Kashmore	—	—	0	—	1.8	—
Jacobabad	— 2	0	0	0	8.3	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						
Aliabad *						—
Gilgit *						5
Murree *	+ 3	— 2	1.3	+ 0.9	70.6	59
Drosh *	— 5	+ 9	0.9	—	23.9	18
Cherat *	— 4	+ 1	1.5	+ 1.4	35.0	29
Kakul *	—	—	2.8	—	39.1	—
Landikotal *	—	—	0.6	—	13.7	—
Parachinar *	+ 3	+ 3	0.4	—	29.6	29
Miranshah *	—	—	0.1	+ 0.1	7.8	13
Wana *	—	—	0.9	—	11.8	11
Fort Sandeman *	— 3	0	0	0	11.3	11
Hindubagh *	—	—	0.1	—	5.9	—
Loralai *	—	—	0	—	5.6	9
Harnai *	—	—	0.1	— 0.1	34.7	14
Quetta *	— 7	— 7	0.4	+ 0.4	6.7	9
Chaman *	— 8	— 7	0.5	+ 0.5	6.7	8
Nushki *	—	—	0	—	3.8	—
Dalbandin *	— 3	— 1	0.2	+ 0.2	2.8	4
Kalat *	— 5	— 6	0.2	+ 0.1	13.1	7
Panjgur *	— 2	+ 1	0.2	—	5.2	5
Kabul *						12
Kandhar *						

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

Met O. 202 A.

Page—2

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 19th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bemora	73 230	680 00	2 03 05	97 0 20	144 75	14 5 01	75 3 06	...	00 0 58	10 3 22
Feronia	71 100	755 06	4 36 13	98 0 10	085 82	xx x xx		..		
Dalila	73 156	530 12	3 07 20	98 0 20	130 81	21 4 40	26 5 05	...	00 1 72	10 7 23
Isamaru	73 143	722 18	0 01 08	98 1 23	145 81	03 9 00	35 4 01	...	05 1 70	10 2 22
Kampala	73 137	625 18	6 04 15	99 0 20	144 81	62 5 40	56 4 00	..	00 0 73	10 4 24
BAY OF BENGAL										
Jalputra	73 088	830 12	6 05 05	96 6 02	088 82	58 4 70	13 5 06	...	05 2 79	10 3 35
Johora	73 059	852 18	6 05 05	98 0 28	091 81	12 3 07	65 6 15	...	05 1 73	10 5 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 172 148	MISDA	...	...	..	...	...	..	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 162 145	122 268 999	...	154 232 999	...	320 115 999	446 035 999	592 542 999	764 655 999	976 788	...	...	...
Lahore ...	00 00	993 175 092	130 xxx xxx	...	149 138 508	...	315 058 625	439 520 999	583 598 999	741 675 999	964 745	...	...	...
Multan ...														
Peshawar ...	00 00	974 082 052	...	..	148 142 032	...	311 042 632	434 535 695	576 620 999	744 740 999	951 825	...	...	...
Quetta ...	00 00	834 015 535	...	...	...		307 612 979	422 760 999	552 830 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 260 999	800 190 599	350 710 999	250 890 999	...	...	...	–	...	250 890 999	...	...
Lahore ...	00 00	900 165 018	800 122 565	...	...	...	...	...	–	...	800 122 565	...	...
Multan ...													
Peshawar ...	00 00	900 152 042	865 145 032	600 105 545	350 760 999	...	..	...	...	...	350 760 999	...	...
Quetta ...	00 00	800 530 999	010 000 999	...	...	...	..	...	...	...	810 800 999	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	28 09	28 08	29 05	28 04	08 11	02 11	...	...	...
Chaklala ...	...	26 03	30 04	05 04	09 04	13 05	18 10	15 11	18 16
Chilor ...	27 03	28 02	11 01	13 03	25 08	27 15	25 24	26 25	...
Chittagong ...	02 07	01 07	35 04	35 08	...	...	...	...	...
Cox's Bazar ...	02 16	01 16	01 18	...	...	...	...	...	...
Dacca ...	35 09	34 09	34 08	28 10	30 09	35 07	...	...	...
Dalbandin ...	...	...	08 08	07 09	36 15	34 14	28 19	28 22	28 27
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 05	01 12	16 09	19 10	22 15
Fort Sandeman ...	...	...		18 01	30 04	28 09	27 17	...	...
Jacobabad ...	25 03	22 01	20 02	22 08	22 11	27 13	27 21	26 27	26 31
Jessore ...	32 08	32 07	31 08	30 07	30 04	33 19	...	...	...
Jhelum ...	29 03	33 06	33 05	25 02	06 02	13 03	17 06	24 08	26 08
Jiwani ...	21 05	35 03	28 02	28 03	28 04	29 10	27 26	26 36	26 47
Karachi ...	21 15	30 06	24 02	27 02	24 05	21 15	19 25	...	...
Khanpur ...	25 04	24 06	24 06	22 06	25 07	27 12	...	...	...
Lahore ...	27 05	29 07	29 08	31 04	26 02	17 04	23 04	...	...
Multan ...	19 05	19 05	20 05	15 04	25 05	26 10	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 10	35 08	33 14	28 22	27 32	27 32
Peshawar ...	...	22 01	33 05	33 08	35 08	19 03	22 11	24 16	24 18
Quetta ...	...	...	...	...	29 04	31 08	27 15	25 24	26 26
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 06	28 04	30 04	30 01	06 05	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

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

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 04	08 02	07 05	14 10	13 12	13 11	32 05	...	...	...	...
Chaklala ...	...	12 03	12 05	12 07	14 07	18 09	23 17	28 44	03 35	...	...
Chilor ...	16 02	18 02	21 01	14 02	06 03	28 02	26 31	27 45	24 43	26 47	...
Chittagong ...	03 08	05 10	07 07	09 11	06 33	04 23	34 06	31 41	30 49	50 53	27 [illegible]
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	04 09	04 15	04 12	10 15	09 22	10 10	36 07	31 36	31 54	26 39	27 [illegible]
Dalbandin ...	...	...	08 06	05 08	35 14	32 18	27 13	26 18	26 29	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	09 26	01 11	15 12	...	...	...	...
Fort Sandeman ...	...	...	...	24 03	25 02	30 07	26 21	26 25	26 19	...	...
Jacobabad ...	02 03	02 02	02 02	01 02	11 04	19 04	25 19	27 28	26 24	26 29	–
Jessore ...	02 09	02 10	01 08	13 12	12 23	14 15	...	...	...	...	...
Jhelum ...	14 03	15 06	15 05	14 06	14 08	14 12	18 07	25 07	23 13	24 16	24 [illegible]
Jiwani ...	33 07	01 05	35 05	23 03	25 04	27 13	24 17	25 25	28 38	25 47	...
Karachi ...	28 05	30 07	31 08	31 09	30 09	29 15	27 30	27 33	28 36	...	...
Khanpur ...	02 06	10 04	18 04	25 05	24 04	23 06	22 05	27 21	25 20	27 47	...
Lahore ...	24 01	20 02	20 01	30 02	10 02	24 03	25 09	25 19	...	...	...
Multan ...	15 04	14 05	16 04	22 02	19 04	25 07	26 19	26 22	24 27	26 39	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 16	33 10	31 10	26 18	27 27	26 33	26 38	27 [illegible]
Peshawar ...	...	03 01	02 03	32 03	31 08	30 10	...	...	...	...	...
Quetta ...	...	...	...	...	33 05	32 11	30 13	30 21	29 20	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	07 05	07 09	06 17	06 12	08 22	02 10	03 13	34 17	32 19	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	MISDA																	
Karachi ...	28 12	29 14	29 15	29 17	35 13	28 14	25 36	25 51	26 63	...	...	...	...	...	...	...	...	...
Peshawar ...	...	02 08	11 08	36 10	01 10	06 04	15 25	30 29	25 35	23 45	25 37	27 95	27 54	26 46	...	...	...	...
Quetta ...																		

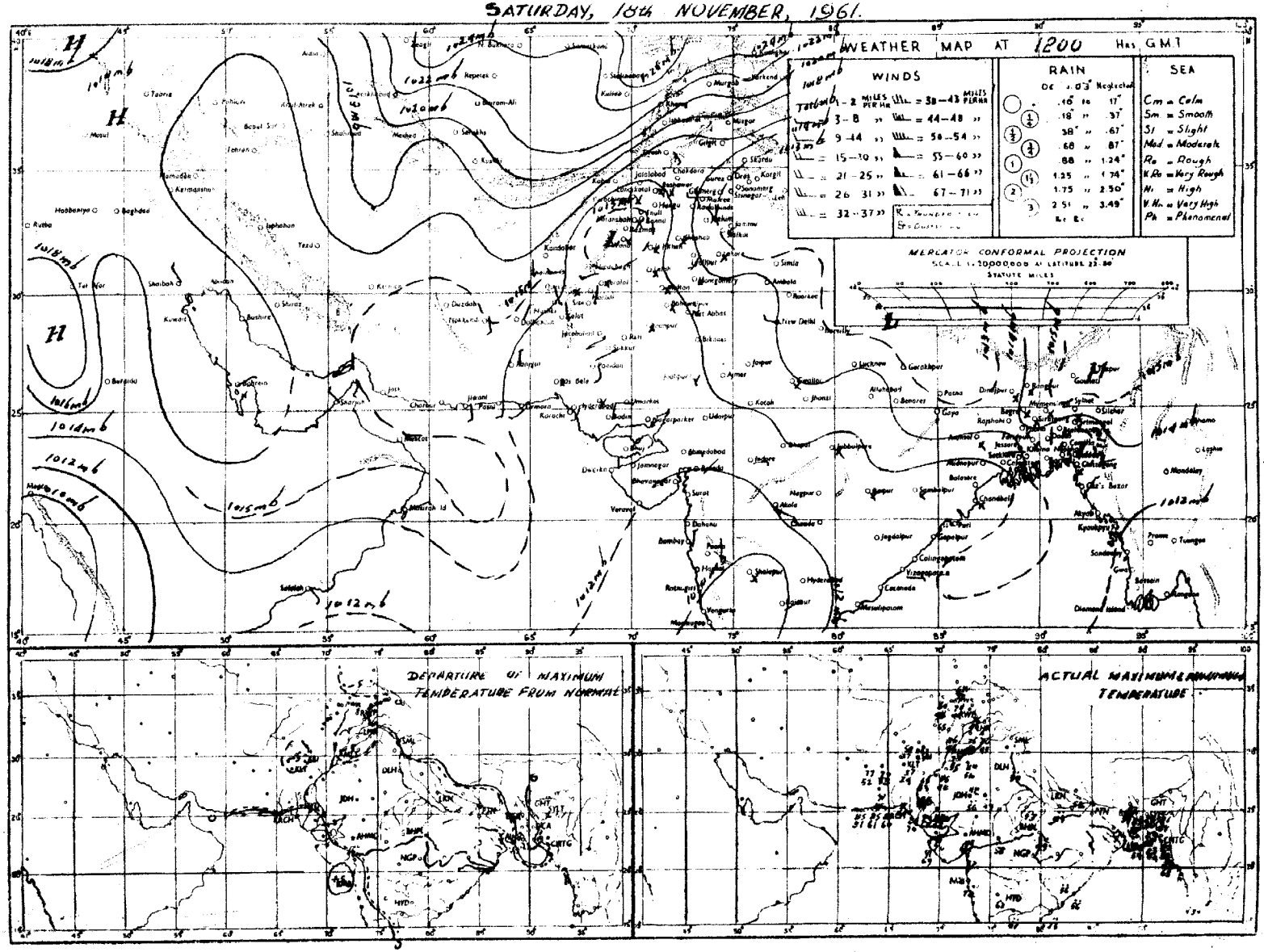
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

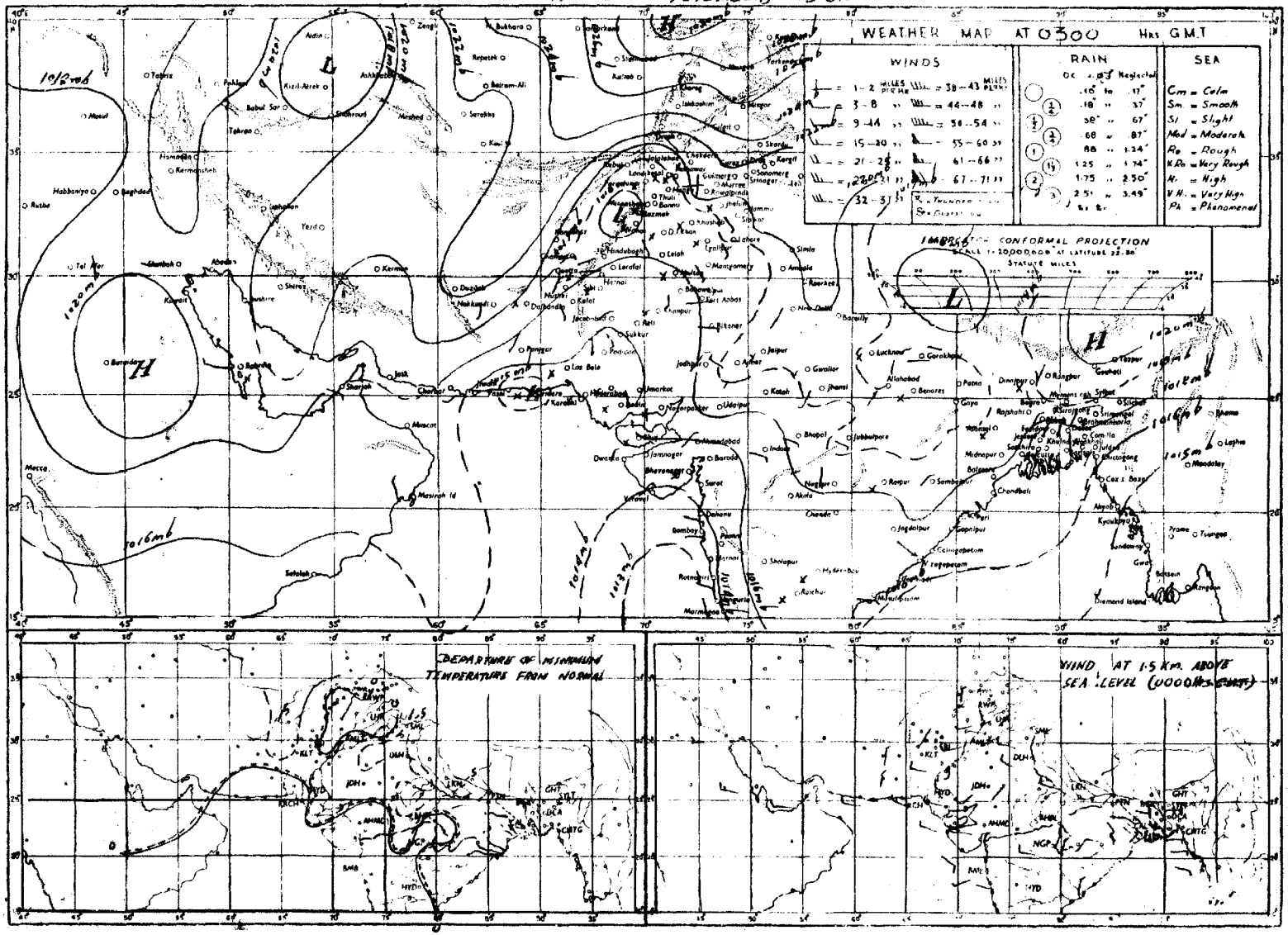
SATURDAY, 18th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 19th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 20th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over Peshawar division is now moving away across Kashmir.
Weather remained dry over the country.
Night temperatures were 3-6°F below normal in East Pakistan, Peshawar, Rawalpindi, Quetta, Multan and Karachi divisions.
Forecast valid until the evening of 21st November, 1961:—Weather will remain dry over the country.

Karachi-11
The 20th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																			At 0300 Hrs. G.M.T. of date															Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Minimum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wt	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	0	00	00	xx	00	0	125	75	0	0	9	0	0	65	86		000	3	0	36	05	94	42	4	167	71	0	0	9	0	0	60	63			0.1	—	455.5	—
	Cox's Bazar	000	0	0	00	00	xx	00	0	131	74	0	0	9	0	0	65	83		000	0	0	31	05	97	02	0	147	75	0	0	9	0	0	65	61	+ 2	— 6	0.9	— 1.7	386.7	140
	Chittagong	000	9	0	00	00	xx	10	0	134	72	0	0	9	0	0	64	82		000	0	0	02	07	96	00	0	157	72	0	0	9	0	0	64	59	0	— 4	0.1	— 1.6	470.7	108
	Maijdee Court	000	9	0	00	00	xx	10	0	134	72	0	0	9	0	0	62	82		000	0	0	00	00	98	00	4	158	69	0	0	9	0	0	61	59	+ 1	— 6	0	— 1.2	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	125	73	0	0	9	0	0	61	82		000	0	0	00	00	97	02	0	143	67	0	0	9	0	0	59	62	0	— 1	0	— 1.1	76.9	94
	Brahmanbaria	000	0	0	34	05	xx	02	0	135	75	0	0	9	0	0	65	86		000	0	0	05	05	97	00	0	159	70	0	0	9	0	0	60	59	—	—	0	— 1.0	65.4	78
	Sylhet	000	0	2	07	03	xx	02	0	142	70	0	0	9	0	0	62	80		000	0	0	11	09	96	02	0	161	70	0	0	9	0	0	57	59	—	—	0.1	—		
	Srimangal	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	60	80		000	0	0	09	05	96	00	0	xxx	70	0	0	9	0	0	57	49	— 6	— 10	1.0	— 0.3	51.4	98
Dacca	Nymensingh	000	0	0	00	00	xx	00	0	149	75	0	0	9	0	0	64	85		000	5	0	13	02	97	00	4	169	69	0	0	9	0	0	61	58	+ 3	— 6	0.3	— 0.6	62.1	91
	Narayanganj	000	9	0	00	00	xx	05	4	139	75	0	0	9	0	0	60	84		000	5	0	00	00	96	05	4	158	72	0	0	9	0	0	59	61	+ 1	— 4	0.3	— 0.6	62.9	74
	Dacca (Tezgaon)	000	0	0	36	03	97	02	0	137	72	0	0	9	0	0	59	82		000	0	0	05	05	97	02	0	154	72	0	0	9	0	0	54	58	0	— 4	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	134	75	0	0	9	0	0	61	84		000	0	0	07	02	97	00	0	164	69	0	0	9	0	0	64	59	0	— 4	0	— 0.9	87.9	71
Khulna	Barisal	000	0	0	00	00	97	02	2	133	77	0	0	9	0	0	59	85		000	0	0	36	02	97	02	1	157	72	0	0	9	0	0	66	61	+ 2	— 3	0	— 1.3	74.5	81
	Khulna	000	0	0	00	00	xx	00	0	141	76	0	0	9	0	0	64	81		000	0	0	09	00	97	00	0	161	73	0	0	9	0	0	63	63	— 2	— 2	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	129	76	0	0	9	0	0	65	82		000	0	0	00	00	97	00	0	163	72	0	0	9	0	0	61	59	— 1	— 4	0	— 0.7	68.2	65
	Jessore	000	0	0	27	03	97	00	0	123	76	0	0	9	0	0	67	84		000	0	0	00	00	97	00	0	160	70	0	0	9	0	0	63	56	+ 1	— 7	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	151	75	0	0	9	0	0	61	82		000	4	9	36	05	97	45	4	165	61	9	x	0	x	x	61	50			0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	142	72	0	0	9	0	0	62	83		000	0	0	00	00	95	45	4	163	66	0	0	9	0	0	66	56	+ 1	— 6	0.7	0	50.0	64
	Bogra	000	0	0	00	00	xx	00	0	148	76	0	0	9	0	0	65	83		000	0	0	13	02	94	43	4	166	62	0	0	9	0	0	62	59	— 1	— 3	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	149	74	0	0	9	0	0	61	82		000	0	0	00	00	96	00	0	166	69	0	0	9	0	0	59	57	0	— 3	0	— 0.9	51.7	72
	Rangpur	000	0	0	00	00	xx	01	0	169	68	0	0	9	0	0	61	79		000	0	0	07	09	96	01	0	170	67	0	0	9	0	0	62	59	— 2	— 1	0.1	— 0.3	60.2	64
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	4	5	00	00	96	02	2	164	69	5	0	9	7	0	55	77		000	0	2	00	00	96	02	0	195	57	2	0	9	3	0	42	46	— 6	— 0	0	— 0.1	51.1	19
	Sialkot	000	0	4	00	00	97	03	0	165	69	4	0	9	3	0	53	73		000	0	0	00	00	97	00	0	186	58	0	0	9	0	0	50	xx	— 7	—	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	000	8	4	05	02	97	02	1	164	67	3	0	9	7	1	51	74		000	0	0	00	00	96	02	0	194	50	0	0	9	0	0	48	45	—	—	0.7	—	35.5	
	Rawalpindi	000	0	5	00	00	98	03	2	170	65	0	0	9	6	9	51	70		000	0	0	00	00	98	00	0	212	45	0	0	9	0	0	44	43	— 7	— 6	1.4	+ 1.3	33.9	36
	Campbellpur	000	0	1	31	02	98	01	1	162	65	0	0	9	1	0	50	69		000	0	0	31	02	98	00	0	205	49	0	0	9	0	0	45	41	—	—	0.5	—	12.8	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	157	74	0	0	9	0	0	45	78		000	0	0	00	00	99	00	0	192	56	0	0	9	0	0	46	48	— 4	— 1	0	— 0.1	51.2	15
	Lyallpur	000	0	5	00	00	96	02	0	160	73	0	0	9	0	4	44	73		000	0	0	00	00	97	05	4	198	48	0	0	9	0	0	44	46	— 8	— 2	0	0	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	162	71	0	0	9	0	0	41	80		000	0	3	00	00	96	03	0	193	59	3	0	9	4	0	46	46	— 3	— 5	0	0	10.1	10
	Multan	000	0	2	00	00	98	01	0	152	76	2	0	9	3	0	43	79		000	0	0	00	00	98	02	0	190	58	0	0	9	0	0	43	51	— 3	— 1	0	0	7.6	7
	Leiah	000	0	0	00	00	97	00	0	142	72	0	0	9	0	0	48	78		000	0	0	36	03	97	02	0	194	60	0	0	9	0	0	37	xx						8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	144	77	0	0	9	0	0	46	80		000	0	0	05	03	96	02	0	184	57	0	0	9	0	0	43	50	— 7	— 1	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	152	78	0	0	9	0	0	58	82		000	0	0	00	00	99	00	0	202	62	0	0	9	0	0	56	57	— 3	— 4	0	0	4.9	6
	Fort Abbas	000	0	0	36	02	98	00	0	156	77	0	0	9	0	0	xx	86		000	0	0	11	03	98	00	0	200	56	0	0	9	0	0	45	xx						8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	163	61	0	0	9	0	0	38	63		000	0	0	00	00	97	00	0	204	45	0	0	9	0	0	41	40	—	—	1.7	—	27.0	—
	Peshawar	000	0	0	07	02	97	02	1	148	66	0	0	9	0	0	45	73		000	0	0	00	00	98	02	0	208	47	0	0	9	0	0	41	45	— 3	— 3	1.0	+ 1.0	18.8	11
	Haripur	000	0	32	03	98	00	0	115	72	0	0	9	0	0	44	73		000	0	0	25	05	98	00	0	205	49	0	0	9	0	0	38	43			1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	157	70	0	0	9	0	0	46	72		000	0	0	00	00	99	00	0	203	48	0	0	9	0	0	41	45	—	—	0.5	—	14.3	11
	D. I. Khan	000	0	0	00	00	99	00	0	143	75	0	0	9	0	0	53	78		000	0	0	00	00	98	00	0	200	55	0	0	9	0	0	45	48	— 3	— 1	0	— 0.1	7.7	9
Quetta	Sibi	000	0	0	23	02	98	00	0	140	83	0	0	9	0	0	28	85		000	0	0	27	02	97	05	0	184	52	0	0	9	0	0	38	49					5.6	5
Kalat	Nokkundi	000	0	0	09	03	98	02	1	133	76	0	0	9	0	0	24	77		000	0	0	31	03	98	02	0	192	55	0	0	9	0	0	25	51	—	—	0	—	1.0	2
	Turbat	000	0	0	27	02	98	00	0	112	90	0	0	9	0	0	41	94		000	0	0	13	03	98	00	0	175	68	0	0	9	0	0	41	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	1	25	07	97	02	1	132	81	0	0	9	0	1	65	84		000	0	0	36	03	97	00	0	151	70	0	0	9	0	0	67	67	—	—	0	—	3.8	5
	Pasni	000	8	2	20	08	98	02	0	127	83	0	0	9	0	1	49	87		000	0	0	29	02	97	00	0	159	65	0	0	9	0	0	56	63	+ 2	— 4	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	1	27	05	96	02	1	117	81	0	0	9	0	1	55	88		000	0	0	00	00	96	00	0	156	66	0	0	9	0	0	63	61	—	—	0	—	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	119	90	0	0	9	0	0	62	91		000	0	0	00	00	98	00	0	173	61	0	0	9	0	0	51	56	—	—	0	—	0.9	8
	Karachi (Manora)	000	2	2	27	10	98	01	1	125	82	0	0	9	0	1	73	85		000	0	0	05	09	96	02	1	165	66	0	0	9	0	0	53	63	+ 1	— 3	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	1	20	07	96	01	1	127	80	1	1	7	0	1	60	86		000	0	0	05	02	96	02	1	171	63	0	0	9	0	0	45	56			0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	121	84	0	0	9	0	0	67	87		000	0	0	00	00	97	00	0	169	65	0	0	9	0	0	52	xx	—	—	0	—	27.3	—
	Umarkot	000	0	31	01	98	02	0	121	85	0	0	8	0	8	52	90		000	0	0	00	00	97	02	0	162	61	0	0	9	0	0	47	54	—	—	0	—	18.1	—
	Hyderabad	000	0	00	00	97	01	0	129	82	0	0	9	0	0	52	88		000	0	0	00	00	97	02	0	171	65	0	0	9	0	0	45	63	— 0	— 4	0	— 0	12.9	7
	Badin	000	0	0	00	00	97	00	0	124	88	0	0	9	0	0	52	93		000	0	0	00	00	97	00	0	177	62	0	0	9	0	0	55	63	—	— 0.2	0	—	14.8	9
Khairpur	Padidan	000	0	36	05	97	02	0	130	80	0	0	9	0	0	52	81		000	0	0	31	05	97	02	0	179	54	0	0	9	0	0	50	51	—	—	0	—	11.1	—
	Nawabshah	000	0	00	00	97	01	0	134	81	0	0	9	0	0	48	83		000	0	0	31	02	97	02	0	174	56	0	0	9	0	0	47	52			0	—	9.3	—
	Sukkur	000	0	36	03	97	02	0	132	80	0	0	9	0	0	52	83		000	0	0	16	05	96	02	0	179	62	0	0	9	0	0	44	58			0	—	2.2	—
	Kashmore	000	0	00	00	99	00	0	153	71	0	0	9	0	0	30	xx		000	0	0	00	00	99	00	0	166	71	0	0	9	0	0	34	49			0	—	1.8	—
	Jacobabad	000	0	0	05	02	97	02	0	139	80	0	0	9	0	0	44	83		000	0	0	31	02	97	02	0	187	57	0	0	9	0	0	42	54	— 2	+ 1	0	0	8.3	4
Junagadh	Veraval																																								20
Bahawalpur	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								6
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								71
	Gulmarg **																																								36
	Sonamarg **																																								3
	Dras **																																								8
	Leh **																																								5
	Skardu **																																								
	Misgar **																																								
	Allahbad *																																								
	Gilgit *																																								
Rawalpindi	Murree *	000	6	6	07	09	97	02	1	538	46	4	5	5	5	0	20	52		000	9	0	11	39	98	01	1	536	44	0	0	9	0	0	16	39	— 4	— 4	1.3	+ 1.1	70.6	59
Peshawar	Drosh	000	0	0	13	05	96	02	0	531	55	0	0	9	0	0	21	66		000	0	0	00	00	97	02	0	569	40	0	0	9	0	0	21	39	+ 2	— 4	1.0	—	23.9	18
	Chitral	000	0	31	05	98	00	0	513	54	0	0	9	0	0	39	58		000	0	0	31	03	98	02	2	503	47	0	0	9	0	0	33	43	— 7	— 6	1.5	+ 1.4	35.0	29
	Kakul	000	8	5	34	03	98	00	2	528	55	4	0	9	3	0	41	61		000	9	0	05	02	98	02	2	537	49	0	0	9	0	0	26	44			2.8		39.1	
	Landikotal	000	0	0	00	00	99	00	0	517	61	0	0	9	0	0	39	64		000	0	0	00	00	99	00	0	510	36	0	0	9	0	0	32	35			0.6		13.7	
	Parachinar	000	0	13	01	99	00	0	503	58	0	0	9	0	0	25	62		000	0	0	00	00	99	00	0	524	37	0	0	9	0	0	32	39	—	— 0	0.4	—	29.6	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	509	66	0	0	9	0	0	37	70		000	0	0	00	00	98	00	0	521	44	0	0	9	0	0	32	42	—	—	0.1	—	7.8	13
	Wana	000	0	0	00	00	99	00	0	509	59	0	0	9	0	0	29	65		000	0	0	00	00	99	00	0	517	38	0	0	9	0	0	32	33	—	—	0.9	+ 0.1	11.8	11
Quetta	Fort Sandeman	000	0	0	02	02	97	02	0	524	63	0	0	9	0	0	15	68		000	0	0	00	00	98	02	0	543	43	0	0	9	0	0	21	38	— 2	— 1	0	0	11.3	11
	Hindubagh	000	0	0	25	09	97	00	0	476	62	0	0	9	0	0	19	60		000	0	0	27	03	97	02	0	525	45	0	0	9	0	0	22	33			0.1	—	5.9	—
	Loralai	000	0	25	03	99	01	0	356	63	0	0	9	0	0	32	67		000	0	0	31	02	99	00	0	333	43	0	0	9	0	0	16	32			0		5.6	9
	Harnai	000	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx		000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx			0.1	— 0.1	34.7	14
	Quetta	000	0	00	00	96	00	0	518	58	0	0	9	0	0	41	60		000	0	0	00	00	96	00	0	545	42	0	0	9	0	0	24	30			0.4	+ 0.3	6.7	9
	Chaman	000	0	23	00	98	00	0	522	51	0	0	9	0	0	42	74		000	0	0	09	05	98	00	0	534	47	0	0	9	0	0	23	37	— 4	— 7	0.5	+ 0.5	6.7	8
	Naushki	000	0	27	05	98	02	0	564	67	0	0	9	0	0	37	69		000	9	3	09	13	98	03	0	578	58	3	0	9	4	0	34	47			0		3.8	4
	Dalbandin	000	8	1	07	05	98	03	0	530	69	0	0	9	1	35	72		000	9	4	05	02	98	03	0	515	45	4	0	9	0	0	28	43	— 1	— 4	0.2	+ 0.2	2.8	4
Kalat	Kalat	000	0	0	34	02	98	00	0	489	55	0	0	9	0	0	17	66		000	0	0	16	05	98	00	0	553	38	0	0	9	0	0	23	31	— 2	— 4	0.2	—	13.1	7
	Panjgur	000	0	0	36	02	98	02	0	515	72	0	0	9	0	0	28	74		000	0	0	05	02	95	02	0	517	50	0	0	9	0	0	24	47	+ 1	+ 3	0.2	—	3.2	5
Afghanistan	Kabul																																								12
	Kandhar																																								

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	OT,T,T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	13 174	663 00	4 05 16	98 0 21	135 79	00 9 01	15 4 09	...	05 2 76	10 5 23
Kampala	13 124	620 00	3 05 09	99 0 30	117 79	31 5 80	45 7 12	...	05 2 73	10 4 23
Calcez Arnhem	13 236	588 06	6 30 13	99 0 20	181 79	42 4 42	...	...	05 1 72	13 0 22
Feronia	13 137	735 06	2 36 09	98 0 20	118 84	20 3 xx	...	...	...	...
Decia	13 189	581 12	6 04 12	99 0 22	151 79	50 9 40	26 3 20	...	08 1 70	10 4 21
Calcez Arnhem	13 249	579 12	1 27 16	99 0 11	148 79	17 5 01	...	...	05 1 66	12 7 23
Ryadhmam	13 161	699 12	5 05 10	98 0 20	105 86	31 5 10	76 6 00	...	03 8 xx	13 5 32
Alvelea	13 184	572 18	4 C7 12	98 0 32	166 77	40 8 30	14 1 03	...	05 4 77	10 6 23
Kamhala	13 080	601 18	8 L6 15	98 0 32	132 78	84 5 xx	45 1 40	...	05 1 75	10 6 35
BAY OF BENGAL										
Indian Splendour	13 106	809 00	4 09 09	98 0 30	101 81	40 9 40	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
						HHHTTT$_d$T$_d$T$_d$					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Hyderabad ...														
Karachi ...	00 00	011 145 105	121 235 162	...	150 165 013	...	313 035 568	437 518 992	580 603 992	748 735 998	945 842	...	...	...
Lahore ...	00 00	993 182 125	...	...	152 142 062	...	315 052 542	439 512 995	582 605 998	759 710 990	959 775	...	...	...
Multan ...														
Peshawar ...	00 00	978 085 035		...	150 108 505	...	313 058 575	438 512 698	581 588 995	751 655 995	965 750	254 840	452 912	722 000
Quetta ...	00 00	835 035 512	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Hyderabad ...													
Karachi ...	00 00	900 192 112	800 112 542	676 022 575	...	...	...	...	...	...	676 022 575	...	...
Lahore ...	00 00	900 142 065	800 112 012	...	...	...	...	...	...	...	800 112 012	...	...
Multan ...													
Peshawar ...	00 00	900 135 072	888 135 012	800 108 505	...	...	...	...	...	...	800 108 505	...	...
Quetta ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundred tens and units of millibars.

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

Sc—Character of tropopause.

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

TT—Dry Bulb temperature in °C.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	01 02	01 05	08 03	16 08	21 05	23 04	...	...	...	...	...	...	...	...	...	xx xx	11 04	09 03	13 05	16 10	29 09	29 30	...	...	...	...
Chaklala ...	...	06 02	10 04	09 08	12 08	15 07	...	...	...	08 04	10 05	13 05	18 07	17 08	...	...	29 01	03 01	13 03	13 08	21 07	24 17	22 13	24 13	25 22	...
Chhor ...	22 01	10 02	08 02	29 01	29 08	27 23	27 29	26 40	26 47	36 11	35 09	34 04	30 04	29 10	28 17	03 06	02 06	02 04	35 07	35 11	27 19	28 27	28 35	28 41	27 55	...
Chittagong ...	01 10	02 12	02 07	02 07	07 20	05 33	01 12	...	...	05 12	01 11	03 09	04 09	04 18	35 08	30 01	21 03	22 03	24 09	34 04	09 26	30 12	26 24	28 37	28 49	28 58
Cox's Bazar ...	30 08	28 05	30 02	06 07	07 12	...	...	...	...	01 07	02 02	03 04	36 08	03 13	03 10	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	20 06	20 05	20 04	29 11	26 13	25 12	...	...	...	05 08	06 12	06 10	07 08	02 06	28 09	05 09	06 13	06 12	08 12	07 10	32 06	27 18	28 33	26 36	29 51	30 93
Dalbandin ...	...	...	09 05	04 09	36 10	30 09	25 19	25 26	26 32	...	...	07 08	10 05	20 05	24 15	...	...	07 09	10 09	24 11	24 20	26 17	27 33	27 40	26 47	27 61
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 02	22 06	23 07	16 06	14 11	...	...	...	23 05	19 08	29 04	...	...	...	...	06 03	01 17	36 29	...	...	...	...
Fort Sandeman ...	...	...	...	04 03	21 02	24 05	26 19	27 29	27 34	...	...	...	14 01	23 04	23 08	...	...	...	33 01	22 03	28 11	27 23	27 27	27 42	...	...
Jacobabad ...	06 01	12 02	12 05	12 04	18 04	30 06	27 15	28 31	26 46	07 17	08 09	01 04	22 04	24 10	27 17	06 10	07 06	07 02	28 09	29 08	31 10	28 33	27 41	28 58	27 51	...
Jessore ...	01 13	36 12	35 10	12 10	12 18	13 11	...	...	...	02 09	06 08	06 10	11 08	25 14	25 06	34 03	08 10	06 11	07 06	11 13	16 07	28 14	28 26	10 25	...	...
Jhelum ...	02 02	12 02	13 04	14 04	17 05	17 07	26 13	25 30	25 22	34 04	34 05	10 13	13 05	15 05	17 07	34 24	36 06	36 05	13 03	17 03	20 06	24 17	25 16	23 12	25 26	...
Jhansi ...	24 06	30 04	32 04	29 09	30 14	29 19	19 36	28 39	26 27	28 14	28 15	27 15	27 13	27 12	28 19	30 09	29 10	28 15	27 15	27 17	25 18	26 26	27 30	27 39	...	...
Karachi ...	18 05	06 08	06 05	31 06	31 13	29 23	27 37	27 37	26 37	...	...	...	...	...	...	05 05	04 05	02 06	34 08	31 06	29 11	29 25	27 31	28 29	28 40	...
Khanpur ...	04 06	05 05	22 03	22 04	29 07	25 09	28 13	27 23	27 31	05 19	08 21	12 21	04 11	04 06	11 06	17 10	07 11	07 08	31 04	29 09	29 12	27 21	29 50	30 56	...	...
Lahore ...	29 02	35 01	35 03	02 03	20 06	17 03	25 09	26 16	...	05 03	02 04	36 05	35 04	30 03	36 04	35 04	34 07	33 11	34 07	35 03	01 03	27 18	25 23	23 23	26 27	26 43
Multan ...	06 04	09 03	10 03	20 04	25 04	27 08	28 22	27 34	27 45	09 06	06 05	01 04	25 12	28 10	26 15	05 03	05 04	05 04	36 06	32 08	25 05	24 18	24 23	24 22	...	...
Muzaffargarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 04	35 03	29 14	26 23	26 43	25 45	...	...	...	24 06	21 10	19 05	...	...	...	24 06	23 10	24 07	28 21	28 39	27 42	27 45	...
Peshawar ...	...	01 05	36 04	35 07	01 07	02 05	21 04	21 04	24 10	...	03 01	05 02	03 03	03 09	02 04	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	29 04	28 05	10 02	28 11	26 17	...	...	...	...	29 02	30 06	...	...	...	...	26 03	29 10	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	36 02	02 02	08 11	07 08	...	...	...	...	...	08 13	09 15	11 13	06 13	06 09	02 08	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	MISDA																	
Karachi ...	31 10	32 06	34 06	34 08	31 09	28 11	27 25	28 36	27 40	27 56	25 88	...	...	...	...	...	...	...
Peshawar ...	...	14 07	28 12	02 10	06 13	05 13	23 05	30 31	28 51	26 54	27 51	27 69	27 89	...	...	...	...	...
Quetta ...																		

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

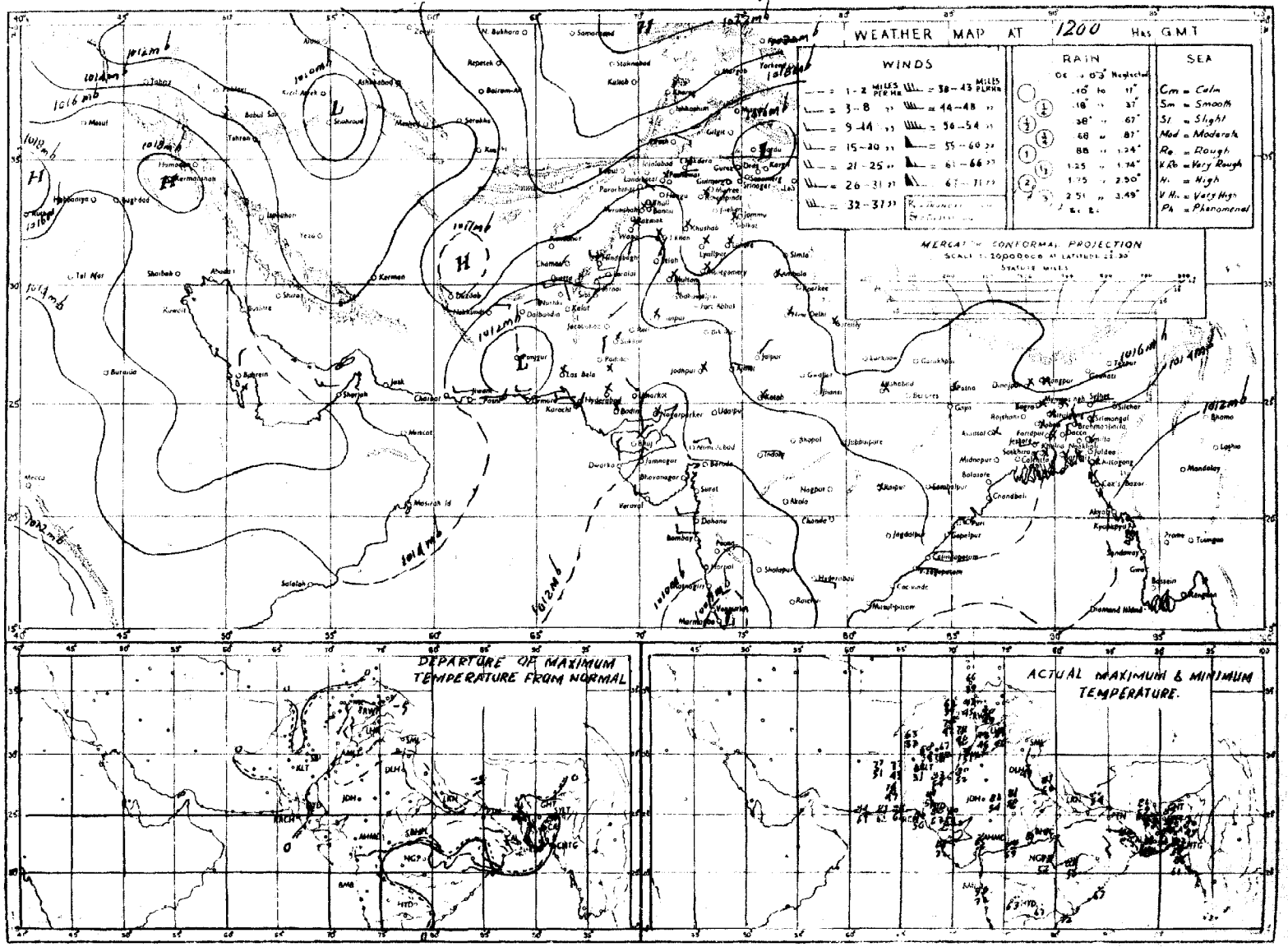
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 571 31 812 05 661 62 710

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

PAKISTAN DAILY WEATHER MAP

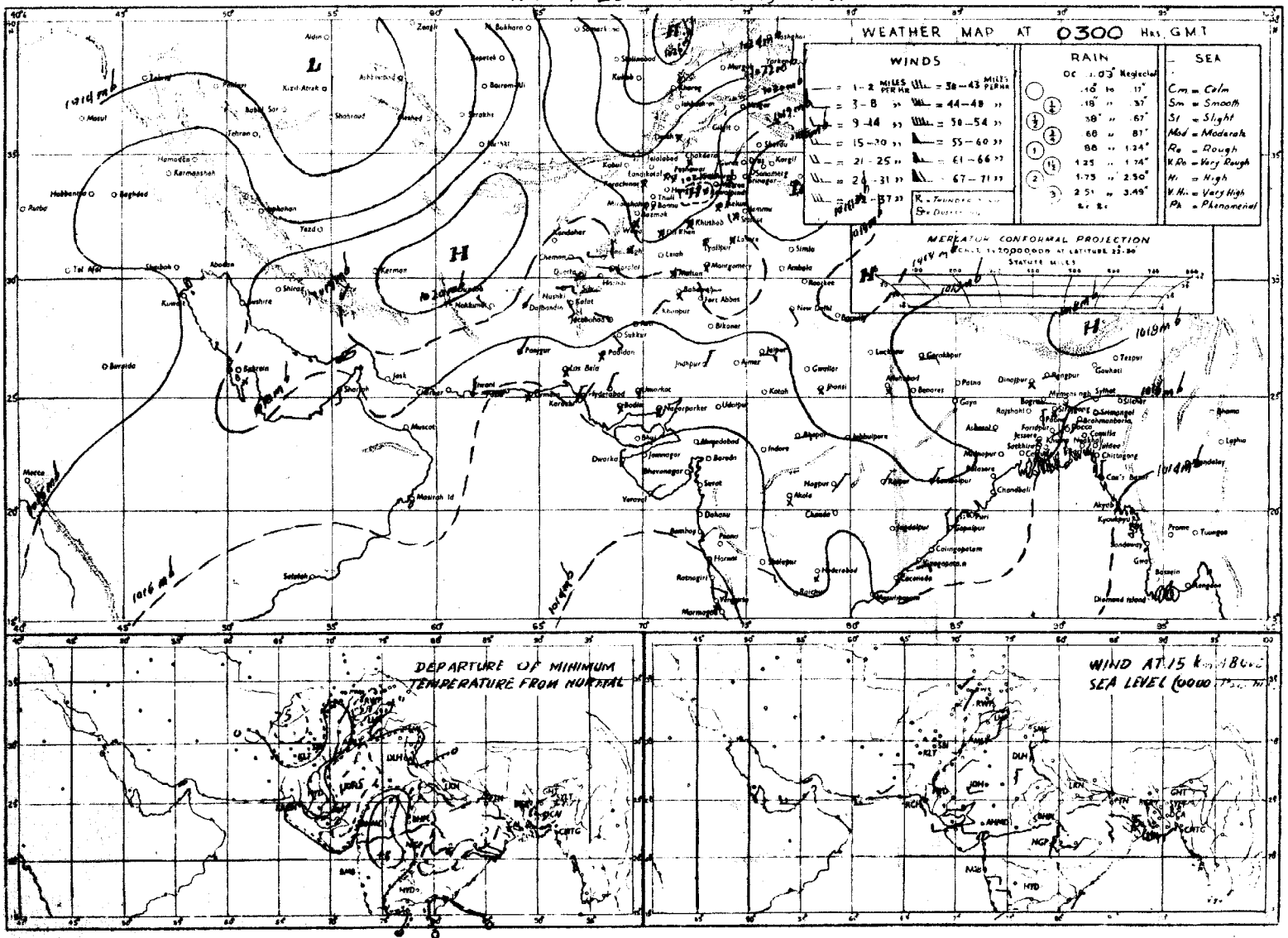
SUNDAY 19th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 20th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 21st NOVEMBER, 1961
Summary of observations recorded at 0300 hrs. G.M.T.

A feeble western disturbance is moving across north of Afghanistan with its associated trough extending to Kalat division.
Weather remained mainly dry over the country.
Night temperatures were 4 to 8°F above normal in D. I. Khan, Quetta, north Kalat divisions and 3 to 5°F below normal in East Pakistan.
Forecast valid until the evening of 22nd November, 1961:—Scattered light rain/drizzle may fall over the hills of Quetta, Peshawar, Rawalpindi divisions and Kashmir.
Weather will otherwise remain dry over the country.

Karachi-11
The 21st November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Departures from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wc	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTn					
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	05	xx	00	4	131	74	0	0	9	0	0	66	83	000	3	0	31	05	96	42	24	139	70	0	0	9	0	0	63	64	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	00	00	xx	03	0	130	79	0	0	9	0	0	68	82																		— 2					140
	Chittagong	000	0	0	00	00	xx	00	0	124	71	0	0	9	0	0	60	81	000	0	0	05	02	98	00	0	145	71	0	0	9	0	0	61	58	— 2	— 5	0.1	— 1.6	170.7	108
	Maidee Court	000	9	0	36	03	xx	10	0	124	71	0	0	9	0	0	63	82	000	9	0	00	00	98	00	0	143	72	0	0	9	0	0	61	59	— 2	— 5	0	— 1.3	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	109	73	0	0	9	0	0	63	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				94
	Brahmanbaria	000	0	0	00	00	xx	00	0	124	73	0	0	9	0	0	63	82																							78
	Sylhet	000	0	0	00	00	xx	02	0	116	74	0	0	9	0	0	63	82																							
	Srimangal	000	0	0	09	03	xx	00	0	xxx	62	0	0	9	0	0	59	81																		— 5					98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	131	73	0	0	9	0	0	61	82	000	0	0	05	02	97	00	0	155	69	0	0	9	0	0	63	59	— 1	— 4	0.3	— 0.9	62.1	91
	Narayanganj	000	9	0	00	00	05	4	118	75	0	0	0	9	0	0	56	86	000	9	0	00	00	96	05	4	146	67	0	0	9	0	0	62	60	— 3	— 4	0.3	— 0.6	68.9	74
	Dacca (Tergaon)	000	0	0	36	03	97	02	0	117	73	0	0	9	0	0	56	84	000	0	0	00	00	96	02	4	141	71	0	0	9	0	0	63	55	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	131	75	0	0	9	0	0	64	80	000	0	0	02	02	95	05	0	143	72	0	0	9	0	0	62	59	— 1	— 2	0	— 1.0	87.9	71
Khulna	Barisal																		000	2	0	00	00	95	41	4	147	70	0	0	9	0	0	69	63		0	0	— 1.4	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	119	75	0	0	9	0	0	64	83	001	0	0	00	00	96	00	0	145	73	0	0	9	0	0	61	62	0	— 1.1	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	96	00	0	122	77	0	0	9	0	0	64	84	000	0	0	00	00	97	00	0	153	71	0	0	9	0	0	60	60	— 1	— 1	0	— 0.7	62.2	65
	Jessore	000	0	0	00	00	97	00	0	128	74	0	0	9	0	0	64	83	000	0	0	05	03	97	00	0	145	70	0	0	9	0	0	60	54	0	— 0.9	0	— 0.9	59.0	65
Rajshahi	Pabna	000	9	0	00	00	xx	02	4	123	70	0	0	9	0	0	64	79	000	0	0	05	02	97	02	0	148	71	0	0	9	0	0	60	58	0	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	121	72	0	0	9	0	0	62	83	000	0	0	00	00	97	00	4	150	72	0	0	9	0	0	62	57	+ 1	— 4	0.7	0	80.8	64
	Bogra	000	0	0	00	00	xx	02	4	124	73	0	0	9	0	0	63	79	000	0	5	36	02	95	42	4	151	61	5	6	4	0	0	60	56	— 3	— 5	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	123	73	0	0	9	0	0	61	81	000	0	0	00	00	96	00	0	148	69	0	0	9	0	0	59	55	— 1	— 4	0	— 0.3	51.7	72
	Rangpur	000	0	0	00	00	xx	02	0	139	69	0	0	9	0	0	59	78	000	0	0	05	05	96	01	0	162	64	0	1	9	0	0	61	57	— 4	— 3	0.1	— 0.3	60.2	64
Kashmir	Jammu																																								—
Lahore	Lahore (Intl Rd.)	000	0	1	00	00	96	02	0	145	69	1	0	9	3	0	48	74	000	3	7	00	00	94	10	1	162	50	4	0	9	7	4	48	46	— 9	— 1	0	— 0.1	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	138	70	0	0	9	0	0	52	74	000	0	3	00	00	97	02	0	103	58	3	0	9	4	0	52	49	— 6	— 2	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	000	0	0	27	02	98	01	0	140	68	0	0	9	0	1	51	75	000	3	5	00	00	96	02	1	164	58	0	0	9	2	6	46	46			0.7	—	35.5	
	Rawalpindi	000	0	1	00	00	98	01	0	150	61	0	0	9	6	0	48	70	000	0	5	36	02	97	03	0	174	48	2	0	9	1	8	46	43	— 7	— 1	1.4	+ 1.2	53.9	26
	Campbellpur	000	0	0	13	02	98	00	0	145	66	0	0	9	0	0	49	69	000	0	6	23	02	98	03	2	165	46	0	0	9	1	0	44	42	—	—	0.5	—	12.3	
Sargodha	Khushab	000	0	0	00	00	99	00	0	152	75	0	0	9	0	0	47	78	000	0	6	00	00	99	03	1	155	58	0	0	9	7	0	46	50	— 4	+ 3	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	144	65	0	0	9	0	0	52	74	000	0	5	00	00	94	05	4	153	48	0	0	9	5	0	44	46	— 7	— 0	0	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	145	70	0	0	9	0	0	55	78	000	9	3	00	00	96	05	0	167	51	0	0	9	0	6	46	46	— 5	— 3	0	— 0.1	10.1	10
	Multan	000	0	0	00	00	98	00	0	144	xx	0	0	9	0	0	44	77	000	0	6	00	00	97	02	1	162	60	3	5	9	3	2	46	52	— 5	— 3	0	0	7.5	7
	Leiah	000	0	2	36	01	97	02	0	135	70	0	0	9	0	0	50	78	000	0	3	23	01	97	02	0	145	58	0	0	9	5	0	41	43	—	—	0	—	10.4	8
Bahawalpur	Khanpur	000	0	0	36	03	96	02	0	130	74	0	0	9	0	0	48	80	000	0	1	00	00	95	05	0	155	58	1	0	9	3	0	45	49	— 7		0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	142	76	0	0	9	0	0	59	77	000	0	7	03	00	98	40	0	148	57	7	0	8	0	0	50	52	— 8	+ 4	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	143	74	0	0	9	0	0	64	77	000	0	0	00	00	98	00	2	156	61	0	0	9	0	0	47	50			0	—	3.1	
Peshawar	Chakdara	000	0	0	00	00	97	00	0	159	60	0	0	9	0	0	47	61	000	0	0	00	00	97	00	0	171	44	0	0	9	0	0	35	40			0	0	27.0	
	Peshawar	000	0	1	13	02	97	02	0	151	65	0	0	9	0	1	48	71	000	0	7	18	02	96	05	0	174	45	2	0	9	3	2	40	44	— 5	— 2	1.0	+ 0.9	18.8	11
	Haripur	000	0	0	23	03	97	00	0	148	65	0	0	9	0	0	47	70	000	3	4	23	02	97	01	1	160	51	4	0	9	0	9	42	44			1.7		30.3	
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	138	72	0	0	9	0	0	46	72	000	2	8	00	00	98	03	0	168	51	0	0	9	8	0	43	46	0.5		1.0	—	12.3	
	D. I. Khan	000	0	0	00	00	98	00	0	130	74	0	0	9	0	0	54	77	000	3	7	00	00	98	02	1	156	55	0	0	9	7	0	49	51	— 4	+ 5	0	— 0.1	14.3	11
Quetta	Sibi	000	0	0	18	02	98	00	0	126	82	0	0	9	0	0	30	83	000	2	0	31	02	97	03	1	163	56	0	0	9	4	0	39	52			0	—	5.6	9
Kalat	Nokkundi	000	0	0	36	02	98	02	0	101	78	0	0	9	0	0	43	80	000	0	0	36	03	98	02	0	176	53	0	0	9	0	0	32	51			0	—	1.0	2
	Turbat	000	0	0	27	04	98	00	0	112	87	0	0	9	0	0	47	92	000	0	0	36	00	98	00	0	143	67	0	0	9	0	0	59	xx			1.0	—	12.3	
	Jiwani	000	0	0	25	10	97	02	0	126	80	0	0	9	0	0	67	84	000	0	0	00	00	97	02	0	153	70	0	0	9	0	0	67	67			0	—	3.8	5
	Pasni	000	0	0	16	07	98	00	0	123	80	0	0	9	0	0	69	83	000	1	2	29	02	97	03	0	150	66	0	0	9	2	0	63	65	— 2	—	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	1	18	05	96	03	1	119	80	1	1	6	0	0	67	84	000	0	0	00	00	96	00	0	144	69	0	0	9	0	0	63	65	—	—	0	0	9.9	6
	Lasbela																																							6
	Karachi (Manora)	000	0	0	25	12	98	02	0	125	83	0	0	9	0	0	74	86	000	0	0	05	10	95	05	0	150	66	0	0	9	0	0	53	64	+ 2		0	— 0.1	9.8	6
	Karachi (Airport)	000	0	0	23	03	96	02	0	127	83	0	0	9	0	0	51	89	000	0	1	00	00	96	03	0	156	64	1	0	9	3	0	51	58		— 0	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	092	87	0	0	9	0	0	67	89	000	0	0	00	00	97	00	0	137	66	0	0	9	0	0	53	xx			0	—	17.3	
	Umerkot	000	0	0	29	01	98	02	0	117	84	0	0	9	0	0	57	88	000	0	0	05	01	97	02	0	141	62	0	0	9	0	0	41	52			0	—	18.1	
	Hyderabad	000	0	0	00	00	97	02	0	132	81	0	0	9	0	0	50	85	000	0	0	00	00	95	05	0	154	62	0	0	9	0	0	47	58	— 3		0	0	12.9	7
	Badin	000	0	0	00	00	97	00	0	133	88	0	0	9	0	0	41	88	000	0	0	36	02	97	00	0	158	60	0	0	9	0	0	48	60		+ 2	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	03	97	02	0	122	80	0	0	9	0	0	41	82	000	0	0	31	02	96	02	0	154	52	0	0	9	0	0	47	49			0		11.1	
	Nawabshah	000	0	0	00	00	97	02	0	126	81	0	0	9	0	0	40	82	000	0	0	00	00	96	02	0	156	56	0	0	9	0	0	48	49			0		9.2	
	Sukkur	000	0	0	02	02	96	02	0	131	79	0	0	9	0	0	50	82	000	4	0	00	00	95	05	0	151	61	0	0	9	0	0	49	58			0		2.2	
	Kashmore	000	0	0	00	00	99	00	0	136	76	0	0	9	0	0	31	84	000	0	0	00	00	99	00	0	160	71	0	0	9	0	0	21	49			0		1.8	
Jamesabad	Jacobsbad	000	0	0	05	02	97	02	0	136	79	0	0	9	0	0	44	81	000	0	0	36	02	96	02	0	157	58	0	0	9	0	0	46	55	— 4	+ 3	0	0	8.3	4
Afghanistan	Varavel																																							30
	Jalalabad																																							
Arabia	Muscat																																							4
	Kuwait																																							5
	HILL STATIONS																																							26
Kashmir	Srinagar																																							21
	Gulmarg																																							25
	Sonamarg																																							3
	Dras																																							1
	Leh																																							6
	Skardu																																							1
	Mingar																																							3
	Aliabad																																							
	Gilgit																																							
Rawalpindi	Murree	000	0	0	09	02	98	00	0	614	47	0	0	9	0	0	29	55	000	2	2	43	02	98	01	1	519	40	2	0	9	4	0	26	35	— 1	— 5	1.3	+ 0.9	70.6	59
Peshawar	Drosh	000	0	0	18	05	96	02	0	xxx	54	0	0	9	0	0	48	62	000	0	0	00	00	97	02	0	536	50	0	0	9	0	0	33	39	— 2	— 3	0.9	— 1.1	23.9	18
	Chitral	000	0	0	05	07	98	00	1	514	54	0	0	9	0	0	44	61	000	0	0	05	07	98	00	0	513	52	0	0	9	0	0	46	44	— 4	— 3	1.5	+ 1.4	35.0	29
	Kakul	000	7	1	16	03	97	00	1	514	57	0	0	9	0	0	38	65	000	9	6	36	02	98	03	0	509	48	0	0	9	0	8	31	35			2.8	—	39.1	
	Landikotal	000	0	0	00	00	96	01	0	508	60	0	1	9	0	0	38	64	000	9	5	00	00	98	03	0	485	46	0	0	9	0	0	31	35			0.6	—	13.7	
	Parachinar	000	0	2	13	01	99	01	0	510	58	2	1	9	0	0	30	65	000	0	4	00	00	99	03	0	523	43	4	1	9	0	0	24	39	+ 2	+ 2	0.4	—	29.6	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	519	66	0	0	9	0	0	37	70	000	0	4	00	00	98	02	3	464	50	4	0	9	0	0	37	42	—	—	0.1	—	7.8	13
	Wana	000	0	0	00	00	99	00	0	509	61	0	0	9	0	0	32	xx	000	0	4	00	00	99	00	0	417	41	0	0	9	0	0	26	35	—	—	0.9	+ 0.1	11.8	11
Quetta	Fort Sandeman	000	0	0	05	02	98	02	0	513	65	0	0	9	0	0	47	67	000	0	2	00	00	98	01	0	521	49	2	0	8	3	0	19	43	— 3	+ 6	0	—	11.3	11
	Hindubagh	000	5	3	25	09	97	00	0	485	58	0	0	7	0	0	27	61	000	0	6	27	03	97	00	2	508	41	2	0	8	3	0	15	30	—	—	0.1	—	5.9	—
	Loralai	000	0	4	18	03	99	00	1	487	61	0	0	9	0	1	35	65	000	0	6	29	02	98	01	2	358	52	0	0	4	1	0	44	40	—	—	0.4	+ 0.3	5.6	9
	Harnai	000	0	0	00	00	97	01	0	367	61	0	0	9	0	0	xx	xx	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	—	34.7	14
	Quetta	000	9	6	58	00	98	02	1	503	59	0	2	9	0	0	35	62	000	0	0	00	00	96	00	0	525	48	0	0	9	0	0	30	42	— 2	+ 9	0.4	+ 0.3	6.7	9
	Chaman	000	0	5	31	05	98	02	1	505	63	5	0	9	2	3	20	66	000	0	0	13	03	96	00	0	515	51	0	0	9	0	0	29	42	— 1	+ 1	0.5	+ 0.4	6.7	9
	Nushki	000	0	2	31	05	98	01	9	559	71	2	0	9	3	3	40	77	000	9	2	00	00	98	01	0	554	57	0	0	9	3	0	29	51	—	—	0	—	3.8	4
	Dalbandin	000	8	1	05	03	98	01	1	513	75	1	0	9	0	0	43	77	000	9	1	36	02	98	01	0	509	51	1	0	9	0	0	29	44	+ 4	+ 8	0.2	+ 0.2	2.8	4
Kalat	Kalat	000	0	0	31	05	98	00	0	483	58	0	0	9	0	0	33	62	000	4	0	18	02	98	01	1	532	40	3	0	9	1	0	31	35	+ 0	+ 6	0.2	+ 0.1	13.1	7
Afghanistan	Pasigur	000	0	0	23	02	98	02	0	508	75	0	0	9	0	0	34	77	000	0	0	05	02	97	02	0	510	53	0	0	9	1	0	43	49	+ 4	+ 8	0.2	—	5.2	5
	Kabul																																							12
	Kandhar																																							

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 21st NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilcia	22 311	615 00	0 04 05	98 0 20	134 77	00 9 00	16 4 00	...	05 5 76	10 2 32
Orion	63 101	616 00	6 02 12	99 0 12	106 80	38 4 72	66 6 05	...	0x 2 76	10 2 11
Feronia	23 175	711 06	2 05 13	99 0 00	11x 83	...		...		...
Aluelo	23 203	590 06	1 03 04	98 0 20	181 79	11 6 00	14 1 13	...	05 2 77	10 0 x0
Ryuhonjaru	23 214	628 12	2 03 05	98 0 20	150 84	21 4 00	34 4 00	..	00 1 76	...
Riyidh	23 201	639 12	4 04 10	98 0 20	146 82	41 5 10	76 6 03	...	00 8 xx	10 1 32
Caltex Pernis	23 215	596 42	1 09 07	98 0 10	210 79	12 4 00	...	...	05 0 67	16 0 20
Caltex The Hague	23 197	648 42	3 03 10	98 0 20	122 79	31 4 00	...	...	05 1 68	10 3 21
Udomaru	23 215	622 12	3 02 87	98 0 20	142 82	31 4 00	35 7 15	...	00 2 72	10 2 00
Sitolatfor	23 184	575 12	1 09 13	98 0 10	120 79	10 6 30	16 6 10	...	00 0 70	10 9 23
Neptrenia	23 111	627 12	3 04 08	97 0 20	087 82	33 5 00	76 4 00	...	05 1 76	10 4 32
Cilicia	23 202	603 18	0 04 05	98 1 20	117 77	00 9 00	16 4 01	...	05 4 76	10 4 x2
Udomaru	23 208	636 18	2 70 05	98 0 91	145 77	11 5 00	35 4 00	...	05 1 72	10 7 20
Caltex Parnas	23 203	590 48	0 11 07	98 20	172 77	00 9 00	...	...	05 3 70	11 1 20
Ryusomaru	23 207	638 18	0 03 05	98 20	163 77	00 9 00	34 1 03	...	02 3 53	
Bamora	23 246	659 18	0 23 06	98 0 20	146 76	00 x 00	65 1 08	...	05 4 78	12 3 21
BAY OF BENGAL										
Malancha	23 070	825 00	3 02 09	98 0 20	089 82	3x x vx	14 5 06	...	05 1 76	10 2 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 135 122	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	012 182 112	121 202 165	...	150 145 522	...	312 058 992	437 505 992	580 612 995	748 718 995	954 858	...	...	...
Lahore ...	00 00	990 170 090	126 xxx xxx	...	149 108 082	...	309 502 995	430 585 995	572 712 998	732 840 950	930 905	...	...	...
Multan ...														
Peshawar ...	00 00	973 062 502	...	...	148 112 025	...	309 048 622	433 542 708	574 635 995	740 742 998	945 862	...	...	...
Quetta ...	00 00	832 072 002	...	...	...		310 508 552	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 182 012	800 115 542	...	...	...	...	...	...	...	800 115 542	...	...
Lahore ...	00 00	900 125 028	800 082 532	...	...	...	...	...	...	...	800 082 532	...	...
Multan ...													
Peshawar ...	00 00	926 112 092	9?0 125 088	800 102 535	...	...	..	...	...	...	800 182 535	...	...
Quetta ...	00 00	800 028 012	...	...	...	...	...	...	...	...	800 028 012	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	01 01	07 03	10 03	12 05	18 07	26 15	...	...	...
Chaklala ...	...	25 07	18 04	10 08	11 04	20 05	25 10	25 13	26 17
Chhor ...	03 03	36 04	36 04	35 09	29 13	29 22	27 33	27 37	26 50
Chittagong ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...
Dacca ...	02 08	05 07	06 09	07 08	08 03	28 07	30 27	29 39	28 43
Dalbandin ...	...	...	00 00	32 03	25 09	21 03	26 32	27 43	27 45
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	06 02	15 02	01 01	12 07	08 04
Fort Sandeman ...	...	...	...	22 01	36 02	29 13	29 19	27 30	27 41
Jacobabad ...	02 04	09 03	11 03	01 09	32 13	30 14	27 31	27 34	28 51
Jessore ...	36 05	35 03	36 03	06 07	14 06	26 07	...	...	...
Jhelum ...	30 03	35 04	02 02	07 01	06 01	21 04	25 14	25 20	...
Jiwani ...	24 12	24 11	24 13	26 13	29 09	27 17	26 30	28 35	28 44
Karachi ...	21 07	13 02	08 05	05 08	34 05	29 15	28 29	28 35	27 35
Khanpur ...	03 08	04 06	04 04	27 04	32 12	29 12	...	...	...
Lahore ...	33 05	33 07	34 07	33 06	33 09	29 09	28 08	26 13	...
Multan ...	04 04	04 05	03 06	33 06	30 07	28 12	26 25	25 30	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 07	26 19	26 19	27 35	27 44	27 46
Peshawar ...	...	13 01	28 02	34 06	35 11	32 09	33 08	34 12	34 13
Quetta ...	...	...	...	...	29 05	27 02	26 13	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

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

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 03	12 02	12 06	11 10	17 10	26 14	26 21	27 40	26 41	...	...
Chaklala ...	...	15 01	12 03	10 02	11 02	24 07	23 08	24 07	26 12	27 17	...
Chhor ...	09 03	31 04	29 05	33 03	01 06	30 11	28 39	29 35	28 49	28 56	...
Chittagong ...	16 04	18 07	15 07	12 08	02 07	28 08	27 28	26 35	27 39	28 39	...
Cox's Bazar ...	16 04	17 05	17 07	14 06	29 03	28 18	26 32	27 35	27 33	...	...
Dacca ...	10 04	13 07	10 08	12 07	22 09	22 15	27 26	27 27	27 39	28 61	...
Dalbandin ...	...	...	08 07	05 07	36 07	31 16	31 28	31 33	30 49	30 65	30 77
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 11	36 09	12 05	08 01	18 05	19 04	26 04
Fort Sandeman ...	...	...	...	26 03	22 06	30 14	29 20	28 22	29 23	28 24	...
Jacobabad ...	07 01	12 01	20 02	29 07	29 13	30 19	30 37	29 51	30 59	...	...
Jessore ...	04 03	03 02	11 03	12 02	24 07	29 15	28 33	27 33	17 32	28 44	...
Jhelum ...	28 01	14 01	17 02	12 07	33 02	29 10	22 90	28 09	29 13	...	...
Jiwani ...	29 08	29 09	29 08	01 07	01 34	30 38	30 27	29 31	29 34	29 38	...
Karachi ...	33 05	31 08	32 08	31 04	27 04	30 14	29 32	30 41	29 47	29 41	...
Khanpur ...	12 01	33 01	30 03	29 10	26 17	26 12	28 27	29 42	29 62	...	...
Lahore ...	26 03	18 01	01 03	33 05	32 04	29 04	30 08	30 08	30 07	...	...
Multan ...	14 05	14 05	29 03	28 11	29 10	25 11	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 05	36 05	01 13	31 30	31 36	31 48	29 45	...
Peshawar ...	...	34 02	11 02	02 01	23 04	30 11	32 11	34 44	...	...	...
Quetta ...	...	...	...	...	29 07	30 16	30 26	31 19	31 41	31 55	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	22 06	12 06	12 06	07 07	19 04	27 10	27 26	27 36	27 44	27 67	28 71
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	29 10	23 12	27 09	23 05	23 05	29 15	28 39	27 44	29 58	28 58	27 78	57 01	...	...	...	...	...	...
Peshawar ...	...	09 08	36 03	30 03	35 07	34 11	20 12	20 20	28 23	28 35	28 54	28 82	37 99	...	...	...	...	...
Quetta ...																		

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

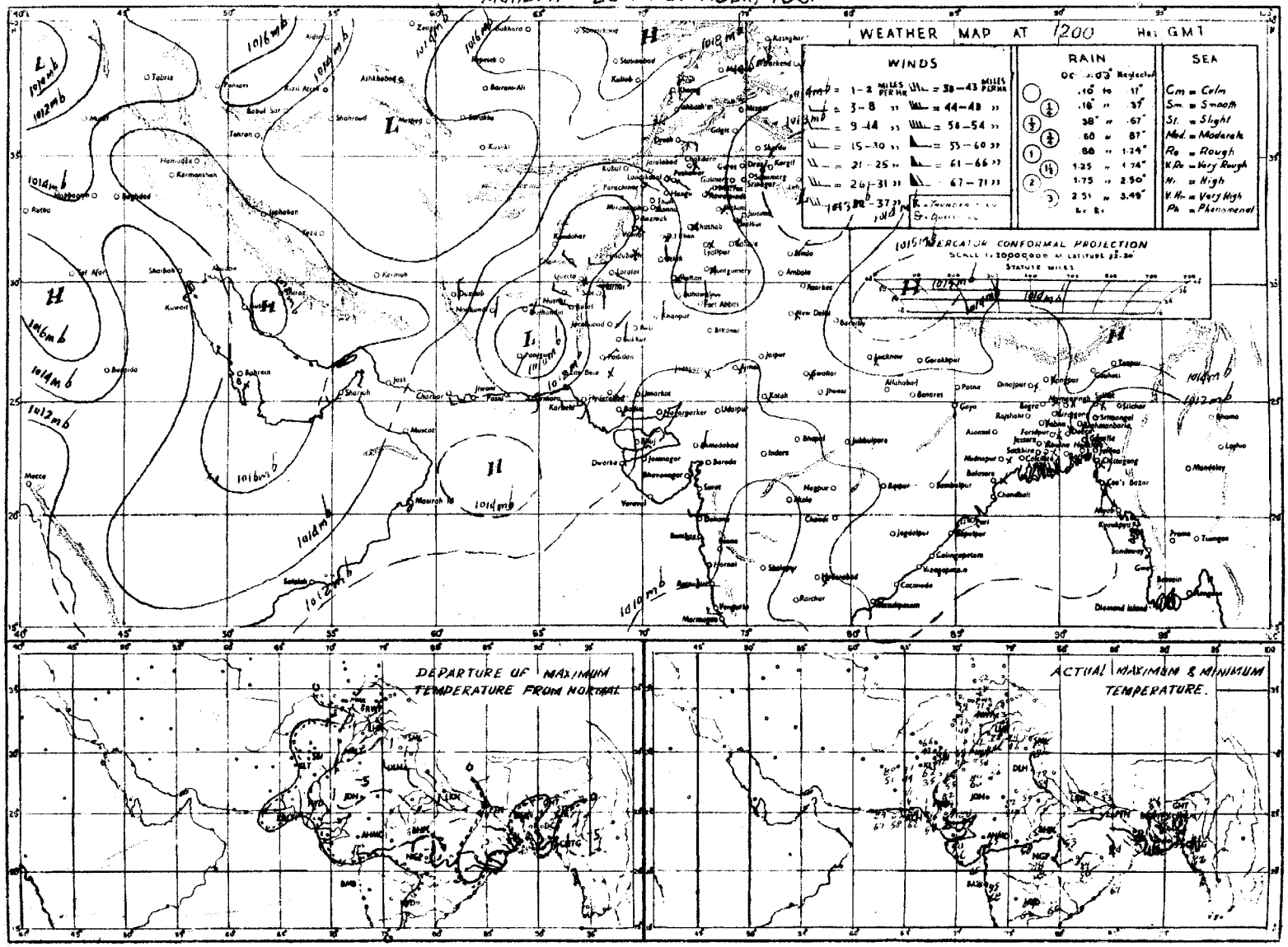
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 571 02 517

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

PAKISTAN DAILY WEATHER MAP

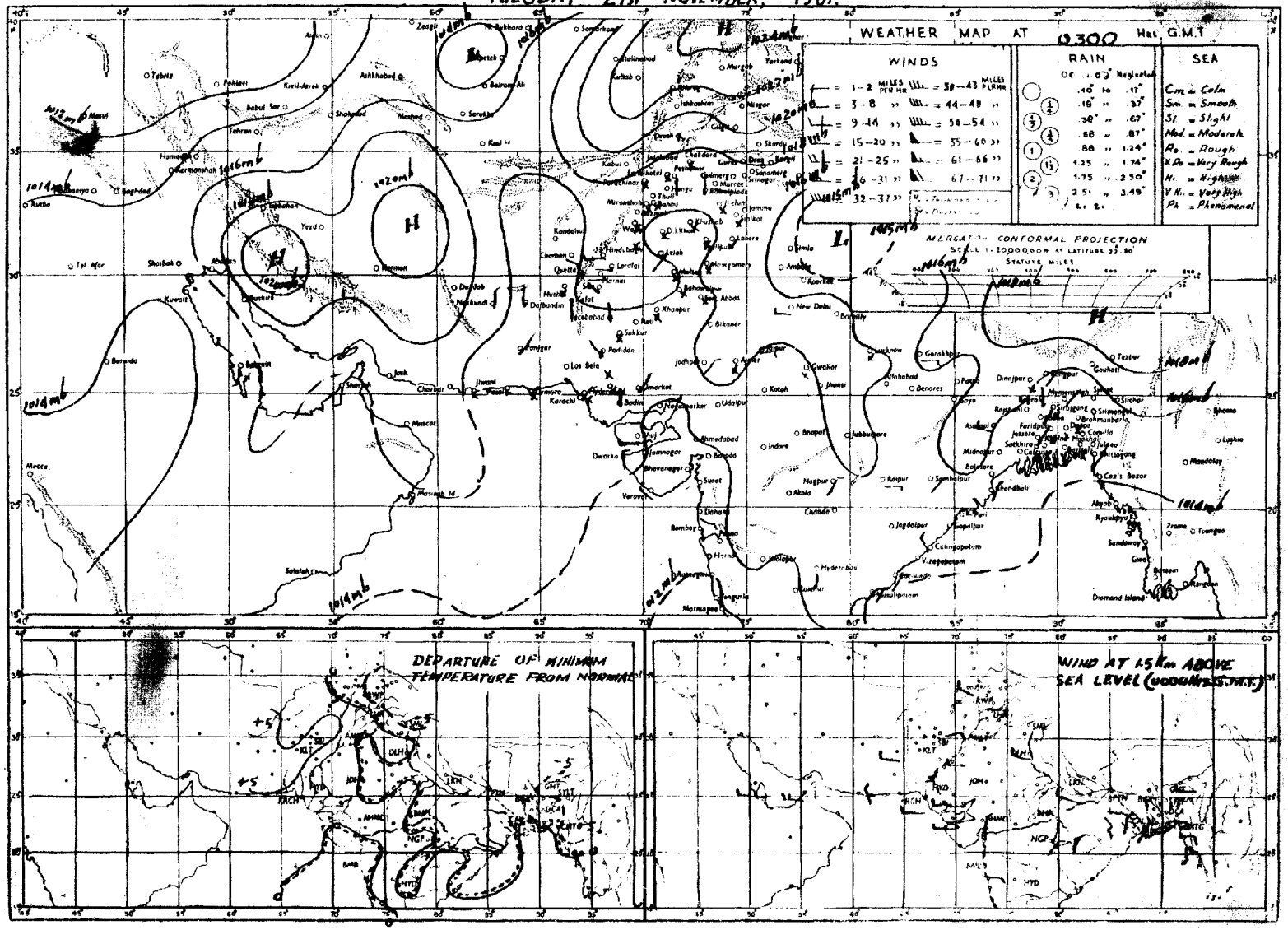
MONDAY 20th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 21st NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 22nd NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's feeble western disturbance north of Afghanistan is moving away across east Russian Turkistan.

Weather remained dry in the country.

Night temperatures were 4 to 7°F above normal in Hyderabad and Kalat divisions and were 3 to 6°F below normal in East Pakistan and Peshawar, Rawalpindi and Lahore divisions.

Forecast valid until the evening of 23rd November, 1961:—Weather will remain dry in the country.

ZARIF AHMED.
for Director, Meteorological Service.

OBSERVATIONS

Karachi-11
The 22nd November, 1961.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amounts of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Departures from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	Rangamati																																								
Chittagong	Cox's Bazar	000	0	0	31	02	xx	02	0	107	76	0	0	0	9	0	0	66	000	0	1	05	05	97	03	0	137	73	1	1	6	0	0	63	62	— 2	— 3	0.9	— 1.9	186.7	140
	Chittagong	000	0	0	00	00	xx	00	0	115	71	0	0	0	9	0	0	59	000	0	0	00	00	96	00	0	145	73	0	0	9	0	0	66	59	0 —	— 4	0.1	— 1.7	170.7	108
	Maijdee Court	000	9	0	00	00	xx	10	0	110	70	0	0	0	9	0	0	61	000	9	0	36	02	97	00	4	148	71	0	0	9	0	0	58	57	0 —	— 7	0	— 1.3	124.5	115
	Comilla	000	0	0	00	00	xx	00	0	099	72	0	0	0	9	0	0	64	000	0	0	00	00	97	02	0	137	70	0	0	9	0	0	63	58	+ 2	— 3	0	— 1.8	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	114	73	0	0	0	9	0	0	63	000	0	0	36	02	97	00	0	153	72	0	0	9	0	0	64	60	— —	— —	0.1	— 1.0	65.4	78
	Sylhet	000	0	0	00	00	xx	02	0	109	71	0	0	0	9	0	0	57	000	0	0	09	09	96	02	0	147	68	0	0	9	0	0	58	55	— —	— —	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	64	0	0	0	9	0	0	59	000	0	0	09	02	96	00	0	xxx	71	0	0	9	0	0	61	50	— 2	— 7	1.0	— 0.4	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	116	72	0	0	0	9	0	0	60	000	0	0	12	02	97	00	0	157	69	0	0	9	0	0	61	57	0	— 6	0.3	— 0.6	62.1	91
	Narayanganj	000	9	0	0	00	xx	05	4	107	74	0	0	0	9	0	0	59	000	6	0	09	02	96	05	4	150	73	0	0	9	0	0	63	60	+ 4	— 4	0.3	— 0.6	62.9	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	108	72	0	0	0	9	0	0	60	000	0	0	09	02	97	02	0	145	73	0	0	9	0	0	63	56	0 —	— 4	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	121	73	0	0	0	9	0	0	60	000	0	0	00	00	95	05	0	145	73	0	0	9	0	0	64	59	— 1	— 2	0	— 1.0	87.9	77
Khulna	Barisal	000	0	0	00	00	96	02	1	117	78	0	0	0	9	0	0	62	83																	+ 1					
	Khulna	000	0	0	00	00	xx	00	0	108	73	0	0	0	9	0	0	61	80	000	0	0	00	00	96	00	0	152	79	0	0	9	0	0	76	62	+ 2	+ 1	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	112	76	0	0	0	9	0	0	62	83	000	0	0	00	00	97	00	0	153	72	0	0	9	0	0	59	58	— 1	— 1	0	— 0.7	62.2	65
	Jessore	000	0	0	00	00	97	00	0	128	74	0	0	0	9	0	0	64	82	000	0	0	00	00	97	00	0	140	69	0	0	9	0	0	61	55	— —	— 6	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	108	70	0	0	0	9	0	0	63	79	000	0	0	00	00	97	10	0	149	71	0	0	9	0	0	62	57	0 —	— 4	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	109	72	0	0	0	9	0	0	62	83	000	0	0	00	00	98	00	0	148	71	0	0	9	0	0	71	57	+ 2	— 4	0.7	0	50.0	64
	Bogra	000	9	0	00	00	xx	02	4	119	69	0	0	0	9	0	0	63	82	000	0	0	00	00	96	02	0	149	67	0	0	9	0	0	62	57	+ 1	— 4	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	115	74	0	0	0	9	0	0	61	81	000	0	0	00	00	96	00	0	149	67	0	0	9	0	0	55	54	— 0	— 5	0	— 0.3	51.7	72
	Rangpur	000	0	0	00	00	xx	01	0	122	67	0	0	0	9	0	0	57	78	000	0	0	36	05	96	02	0	160	65	0	0	9	0	0	58	54	— 3	— 6	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	9	4	00	00	96	02	1	133	67	4	0	1	7	0	54	73	000	2	0	00	00	95	10	4	178	50	0	0	9	0	0	48	42	— 7	— 3	0	— 0.1	51.1	19
	Sialkot	000	0	5	00	00	97	03	0	135	66	5	0	4	6	x	6	56	69	000	0	0	00	00	97	00	0	172	60	0	0	9	0	0	55	50	— 8	+ 3	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	000	0	0	23	02	97	02	2	135	63	6	0	9	3	1	54	70	000	9	0	13	02	95	05	7	176	51	0	0	9	0	0	48	46	— —	— —	0.7	—	35.5	—
	Rawalpindi	000	0	7	00	00	98	03	2	139	62	5	5	6	7	0	51	69	000	0	0	00	00	95	10	0	190	45	0	0	9	0	0	44	43	— 5	+ 1	1.4	+ 1.2	53.9	36
	Campbellpur	000	0	7	05	02	98	03	2	133	65	0	0	9	1	0	52	70	000	0	0	05	02	98	00	0	187	45	0	0	9	0	0	45	41	— —	— —	0.5	—	12.3	—
Sargodha	Khushab	000	0	4	00	00	99	00	0	127	72	0	0	9	0	7	52	74	000	0	0	00	00	99	00	0	171	57	0	0	9	0	0	33	46	— 6	— 1	0	— 0.1	11.2	15
	Lyallpur	000	0	1	00	00	96	00	0	126	73	0	0	9	0	0	41	73	000	0	0	00	00	96	00	0	177	49	0	0	9	0	0	47	46	— 5	— 0	0	— 0.1	13.9	12
Bahawalpur-Multan	Montgomery	000	0	0	00	00	96	00	1	129	62	0	0	0	9	0	54	77	000	0	0	00	00	96	02	0	175	56	0	0	9	0	0	46	47	— 3	— 2	0	0	10.1	10
	Multan	000	0	0	00	00	96	02	0	124	72	0	0	0	9	0	50	76	000	0	0	00	00	95	05	0	179	58	0	0	9	0	0	46	51	— 4	+ 2	0	0	7.5	7
	Lailak	000	0	13	02	97	00	0	116	74	0	0	0	0	9	0	50	xx	000	0	0	13	00	97	00	0	177	59	0	0	9	0	0	37	43	— —	— —	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	111	78	0	0	0	9	0	54	83	000	0	0	05	02	96	92	0	169	56	0	0	9	0	0	46	46	— 0	— 3	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	126	77	0	0	0	9	0	61	82	000	0	0	00	00	98	00	0	162	57	0	0	9	0	0	51	51	+ 1	+ 3	0	0	4.9	6
	Fort Abbas	000	0	0	05	02	98	00	0	126	74	0	0	0	9	0	53	80	000	0	0	09	02	98	00	0	174	57	0	0	9	0	0	42	49	— —	— —	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	144	58	0	0	0	9	0	47	60	000	0	0	00	00	97	00	0	195	44	0	0	9	0	0	37	40	— —	— —	1.7	—	27.0	—
	Peshawar	000	0	3	00	00	96	05	1	138	63	1	0	0	9	3	1	xx	68	000	0	1	00	00	97	03	0	191	45	0	0	9	0	1	42	44	— 5	— 2	1.0	+ 0.9	18.8	11
	Haripur	000	0	7	20	02	95	03	2	136	61	7	6	6	0	0	47	70	000	0	0	20	03	97	00	0	174	49	0	0	9	0	0	39	44	— —	— —	1.7	—	30.3	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	1	127	69	0	0	0	9	0	48	70	000	0	0	00	00	97	10	0	187	46	0	0	9	0	0	41	45	— —	— —	0.5	—	14.3	15
	D. I. Khan	000	0	0	00	00	98	00	1	122	74	0	0	0	9	0	56	77	000	0	0	00	00	98	00	0	179	50	0	0	9	0	0	46	46	— 2	— 0	0	— 0.1	7.7	9
Quetta	Sibi	000	0	2	30	02	98	00	0	121	76	0	0	9	0	0	46	82	000	2	0	31	02	97	05	4	174	55	0	0	9	0	0	40	50	— —	— —	0	—	5.6	5
Kalat	Nokkundi	000	0	0	18	03	98	02	0	103	80	0	0	9	0	0	53	83	000	0	0	05	03	98	02	0	173	58	0	0	9	0	0	39	52	— —	— —	0	—	1.0	2
	Turbat	000	0	0	34	03	98	00	0	100	87	0	0	9	0	0	50	90	000	0	0	09	02	98	00	0	143	65	0	0	9	0	0	52	xx	— —	— —	1.0	—	12.3	—
	Jiwani	000	0	0	25	12	98	02	0	114	80	0	0	9	0	0	64	83	000	0	0	31	03	97	02	0	150	67	0	0	9	0	0	64	66	— —	— —	0	—	3.8	5
	Pasni	000	0	0	24	10	98	00	0	109	79	0	0	9	0	0	68	86	000	0	0	29	02	97	00	0	151	65	0	0	9	0	0	56	64	+ 4	+ 7	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	0	23	03	96	00	0	109	80	0	0	9	0	0	62	83	000	0	0	00	00	96	00	0	144	69	0	0	9	0	0	61	66	— —	— —	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	097	90	0	0	9	0	0	73	92																								8
	Karachi (Manora)	000	0	0	27	12	98	02	0	108	87	0	0	9	0	0	73	86	000	0	0	05	09	94	10	0	148	66	0	0	9	0	0	61	63	+ 4	— 1	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	23	09	96	02	0	108	79	0	0	9	0	0	65	86	000	0	1	00	00	96	03	0	155	63	0	0	9	0	1	59	60	— —	— —	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	31	01	97	00	0	100	86	0	0	9	0	0	82	90	000	0	0	00	00	97	00	0	142	63	0	0	9	0	0	51	xx	— —	— —	0	—	27.3	—
	Umerkot	000	0	0	29	01	98	00	0	103	83	0	0	9	0	0	54	90	000	0	0	00	00	97	02	0	145	59	0	0	9	0	0	46	52	— —	— —	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	106	88	0	0	9	0	0	55	92	000	0	0	00	00	97	02	0	157	63	0	0	9	0	0	47	62	+ 7	+ 5	0	0	12.9	7
	Badin	000	0	0	00	00	97	00	0	103	85	0	0	9	0	0	85	92	000	0	0	00	00	96	00	0	157	61	0	0	9	0	0	59	62	+ 5	+ 4	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	02	97	02	0	111	81	0	0	9	0	0	46	83	000	0	0	00	00	96	02	0	162	55	0	0	9	0	0	49	50	— —	— —	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	117	83	0	0	9	0	0	50	87	000	0	0	00	00	97	02	0	167	58	0	0	9	0	0	46	55	— —	— —	0	—	9.3	4
	Sukkur	000	6	0	00	02	97	02	0	111	80	0	0	9	0	0	54	82	000	0	0	16	03	96	02	0	162	62	0	0	9	0	0	48	59	— —	— —	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	112	80	0	0	9	0	0	41	84	000	0	0	00	00	99	00	0	168	74	0	0	9	0	0	48	48	— —	— —	0	—	1.8	4
	Jacobabad	000	0	0	13	02	97	02	0	116	80	0	0	9	0	0	41	83	000	0	0	09	02	96	02	0	165	61	0	0	9	0	0	42	57	+ 1	+ 5	0	0	8.3	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							6
	Kuwait																																							5
	HILL STATIONS																																							
Kashmir	Srinagar *																																							26
	Gulmarg **																																							71
	Sonamarg **																																							26
	Dras **																																							3
	Leh **																																							6
	Skardu **																																							3
	Mirgar **																																							5
	Aliabad *																																							
	Gilgit *																																							
Rawalpindi	Murree *	000	3	8	00	00	97	03	2	498	42	8	9	3	x	x	34	52	000	9	0	05	02	99	00	1	579	41	0	0	9	0	0	21	35	— 2	— 5	1.3	+ 0.8	70.6	59
Peshawar	Drosh	000	0	6	00	00	97	01	2	492	53	3	5	4	7	0	19	71	000	9	0	00	00	97	02	2	542	39	0	0	9	0	0	23	38	+ 9	— 4	0.9	—	23.9	18
	Chitral	000	0	0	05	05	97	00	0	476	55	0	0	9	0	0	47	62	000	0	0	05	05	98	00	0	476	54	0	0	9	0	0	46	41	— 1	— 6	1.5	+ 1.4	35.0	29
	Kakul	000	8	7	16	03	98	03	2	500	53	7	0	9	9	2	38	64	000	9	0	36	02	98	00	0	518	47	0	0	9	0	0	43	43	— —	— —	2.8	—	39.1	—
	Landikotal	000	0	0	23	02	99	00	1	486	59	0	0	9	9	0	35	63	000	0	0	00	00	99	00	0	498	38	0	0	9	0	0	33	34	— —	— —	0.6	—	13.7	—
	Parachinar *	000	0	4	13	01	99	00	0	498	58	4	0	9	4	0	25	62	000	0	0	00	00	99	00	0	526	37	0	0	9	0	0	25	39	+ 1	+ 2	0.4	—	29.6	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	480	65	0	0	9	0	0	41	68	000	0	0	00	00	99	00	0	466	42	0	0	9	0	0	32	42	— —	— —	0.1	+ 0.1	7.8	13
	Wana *	000	0	3	13	02	99	01	0	513	62	3	1	7	0	0	31	65	000	0	0	00	00	99	00	0	577	45	0	0	9	0	0	33	41	— —	— —	0.9	—	11.8	11
Quetta	Fort Sandeman *	000	0	1	02	01	99	01	0	496	64	1	0	0	8	3	20	67	000	0	0	00	00	98	01	0	529	45	0	0	9	0	0	19	40	— 0	— 3	0	0	11.3	11
	Hindubagh *	000	0	0	25	10	97	00	0	472	59	0	0	0	9	0	25	59	000	0	0	00	00	97	02	0	518	44	0	0	9	0	0	24	25	— —	— —	0.1	—	5.9	—
	Loralai *	000	0	5	16	03	99	02	1	381	62	0	0	9	1	2	42	70	000	0	0	25	03	99	01	0	348	45	0	0	9	0	0	27	38	— —	— —	0	—	5.6	9
	Harnai *	000	0	0	09	01	98	00	1	xxx	xx	0	0	0	9	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	— —	— —	0.1	— 0.1	34.7	14
	Quetta *	000	2	3	31	02	97	01	0	490	59	0	0	0	9	3	35	62	000	0	0	00	00	96	00	0	534	45	0	0	9	0	0	13	30	+ 1	— 3	0.4	+ 0.3	6.7	9
	Chamen *	000	0	0	27	05	98	00	0	500	62	0	0	0	9	0	25	65	000	0	0	09	05	98	00	0	525	40	0	0	9	0	0	18	42	— 1	— 1	0.5	+ 0.4	6.7	8
	Nushki *	000	0	0	27	05	98	02	0	528	69	0	0	0	9	0	44	74	000	0	0	09	13	98	02	0	554	57	0	0	9	0	0	23	51	— —	— —	0	—	2.8	—
	Dalbandin *	000	5	1	05	03	98	03	0	518	73	1	0	0	9	3	35	76	000	9	0	05	02	98	02	0	503	47	0	0	9	0	0	28	43	+ 5	+ 7	0.2	+ 0.2	2.8	4
Kalat	Kalat *	000	0	0	31	05	98	00	0	482	53	0	0	0	9	0	25	57	000	0	0	13	05	98	00	0	542	37	0	0	9	0	0	27	32	— 4	+ 3	0.2	+ 0.1	12.1	7
Afghanistan	Panjgur *	000	0	0	36	02	98	02	0	507	73	0	0	0	9	0	30	76	000	0	0	05	02	98	02	0	512	51	0	0	9	0	0	26	47	+ 5	+ 6	0.2	—	5.2	5
	Kabul																																							12
	Kandhar																																							

† Given in Code.

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

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

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

Whenever 999 log itself or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 N_sCh,h_s	OT,T,T_dT_d	Id,$w_dd_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bamora	33 244	645 00	1 28 05	97 0 20	136 77	11 5 00	65 4 02	...	05 3 66	12 8 21
Udomaru	33 192	657 06	1 02 08	99 0 20	150 82	00 9 10	35 4 00	...	00 4 74	10 2 21
Cilicia	33 224	634 06	1 01 05	98 0 20	152 80	11 5 00	16 4 00	...	05 2 79	10 1 x1
Teronia	33 210	685 06	0 32 13	98 0 00	11x 79	...	...	...	...	...
Sitala	33 241	586 12	1 29 08	98 0 20	114 75	10 6 80	75 6 09	...	05 2 63	12 9 21
Heemskerk	33 142	597 12	4 04 09	98 0 21	110 81	42 3 00	66 7 10	...	00 1 74	10 4 21
Firdusa	33 230	675 12	1 27 02	99 0 20	13x 77	03 x xx	...	...	...	...
Calex Pernis	33 166	551 48	1 06 05	98 0 11	185 79	10 6 40	...	...	05 1 70	10 6 20
Neptunia	33 116	540 18	8 04 10	97 0 22	134 79	32 4 1x	76 2 59	...	05 2 59	10 4 32
BAY OF BENGAL										
Daralba	32 205	916 06	0 00 03	98 0 20	133 77	00 9 00	16 8 12	8x ...	10 9 x0	10 0 x0
Jalaputra	33 191	874 12	3 34 03	98 0 21	092 79	31 4 11	14 5 08	8x x xx	05 3 84	10 4 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
						HHHTTTT$_d$T$_d$T$_d$						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00													
Dacca ...														
Jiwani ...														
Karachi ...	00 00	011 242 222	107 262 188	...	150 205 998	..	315 102 992	442 042 992	587 565 592	759 660 990	969 798	...	...	..
Lahore ...	00 00	010 162 152	110 212 185	...	150 155 992	...	312 055 995	436 510 990	580 582 995	748 735 995	957 875	...	...	...
Multan ...		990 152 128	MISDA	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	974 062 072	...	...	146 108 058	...	308 010 590	430 572 662	570 658 745	734 728 998	935 910	...	...	...
Quetta ...	00 00	834 040 520	..	...	...	...	309 600 990	426 660 990	562 710 990	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 195 122	876 172 112	...	...	...	...	...	...	...	876 172 112	...	...
Jiwani ...													
Karachi ...	00 00	900 188 042	...	...	...	...	...	...	...	...	900 188 042	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	940 142 112	890 128 072	800 078 025	...	...	...	...	...	...	800 078 025	...	...
Quetta ...	00 00	800 015 532	784 000 900	...	...	...	...	...	...	...	784 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	07 02	08 02	11 02	17 10	20 14	...	...	...	...	19 01	21 02	11 03	05 05	22 06	25 18	27 01	25 03	28 04	14 04	...	...	...	...	...	...	...
Chaklala ...	...	26 03	22 03	23 04	12 03	10 07	...	...	...	...	...	...	...	...	...	...	11 02	27 03	04 04	31 05	32 11	30 26	31 37	31 41	...	...
Chhor ...	30 04	32 04	33 03	01 01	01 05	30 19	26 34	28 43	28 47	14 17	03 02	35 03	31 03	36 07	30 15	04 03	04 03	04 03	31 03	35 04	35 11	28 20	30 35	30 41	31 51	30 55
Chittagong ...	24 07	17 04	14 05	14 09	07 10	25 05	...	...	...	05 02	05 04	11 03	19 13	17 07	24 09	06 09	14 02	19 09	20 09	17 07	23 11	26 33	25 34	25 41	26 49	...
Cox's Bazar ...	27 07	20 03	09 03	11 13	04 10	...	...	...	...	26 04	08 02	16 06	18 14	12 04	24 03	31 03	01 02	17 03	16 10	12 09	21 08	26 32	26 42	26 39	...	...
Dacca ...	09 03	10 03	12 03	13 03	21 05	28 15	28 33	28 43	27 55	05 03	01 02	36 01	01 22	09 22	10 26	24 13	01 13	01 03	01 23	07 23	14 23	29 26	33 46	47 27	59 ...	...
Dalbandin ...	...	...	10 06	12 01	13 03	32 10	29 37	30 31	30 40	...	...	09 08	23 06	30 10	31 16	...	...	09 03	23 05	25 07	29 08	29 18	29 24	31 31	30 51	29 53
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	21 05	25 09	...	...	...	...	...	...	...	24 07	29 02	32 03	...	...	...	...	04 03	36 15	06 02	36 06	30 12	32 35	30 47
Fort Sandeman ...	...	...	35 02	33 03	29 09	31 22	30 27	30 42	...	...	...	20 03	32 07	28 05	...	...	...	...	23 03	23 03	26 05	29 22	29 28	30 46	...	...
Gwadar ...	16 02	08 03	35 05	33 09	32 13	30 23	31 34	30 44	29 47	10 10	11 05	17 05	23 04	28 10	27 15	12 03	16 02	18 02	19 06	24 10	31 11	30 21	30 31	30 39	30 47	...
Jacobabad ...	01 03	01 04	36 05	35 04	20 05	26 11	28 28	28 44	28 43	01 07	01 05	36 04	26 06	22 16	23 15	31 03	30 03	05 03	35 07	23 19	22 16	26 29	26 35	26 48	...	...
Jacobabad ...	03 02	12 02	10 03	12 07	33 02	32 04	22 08	23 12	...	34 04	32 07	32 05	01 08	01 03	32 07	23 04	30 07	30 06	36 03	36 08	34 07	32 17	33 38	32 44	...	...
Jhelum ...	26 10	31 09	33 07	34 09	33 08	31 15	29 22	30 29	30 37	29 20	16 04	18 04	14 10	12 10	30 07	34 03	11 02	17 03	15 11	16 26	33 23	27 10	28 16	28 19	26 28	28 34
Jiwani ...	27 09	32 04	33 03	03 07	05 09	30 15	29 21	30 35	29 32	...	...	...	...	...	...	05 05	18 03	16 05	13 07	07 05	34 10	31 29	31 27	31 37	...	...
Karachi ...	26 04	27 05	27 06	31 07	32 12	28 15	30 31	30 46	...	14 06	08 06	14 03	32 09	27 04	34 10	12 04	12 06	12 06	27 06	25 09	29 14	31 20	30 25	29 25	...	...
Khanpur ...	04 02	36 03	35 03	32 03	30 03	34 03	28 13	27 15	29 17	31 04	33 04	33 07	34 09	32 07	31 08	35 03	01 03	02 02	35 08	33 19	33 12	32 17	31 21	31 42	31 52	...
Lahore ...	11 03	17 03	23 03	31 06	30 19	28 12	29 21	29 25	29 31	08 03	08 03	06 04	26 07	29 06	33 13	14 03	13 03	14 04	25 02	31 04	28 08	32 21	30 27	30 31	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 04	02 14	35 11	31 26	30 29	30 42	...	...	...	09 03	31 07	33 13	...	...	...	21 04	25 06	36 06	30 21	30 32	30 36	...	...
Peshawar ...	...	09 02	13 02	03 02	29 07	32 12	...	...	...	...	33 03	01 02	07 03	01 08	33 11	...	33 03	34 07	35 04	31 04	29 11	30 12	32 27	32 33	30 39	...
Quetta ...	...	...	...	30 08	30 09	33 35	34 53	...	...	...	...	...	...	27 05	27 06	...	...	...	...	26 01	31 09	30 20	29 19	30 27	30 42	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	05 01	18 01	16 03	09 04	27 04	27 11	...	...	...	07 14	05 04	10 06	19 04	24 10	27 16	...	...	...	...	...	...	...	...	...	...	...
Yarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	06 06	01 04	25 05	25 06	26 07	20 16	26 31	26 31	26 39	26 51	26 74	25 78	26 76	...	...	...	...	...
Karachi ...	32 08	30 04	04 04	09 04	13 07	04 17	28 25	30 32	30 34	30 58	29 50	28 72	...	...	...	...	...	...
Peshawar ...	...	28 06	31 04	25 03	30 09	35 15	34 24	31 34	22 41	33 77	82 31	82 52	...	...	...	...	...	...
Quetta ...																		

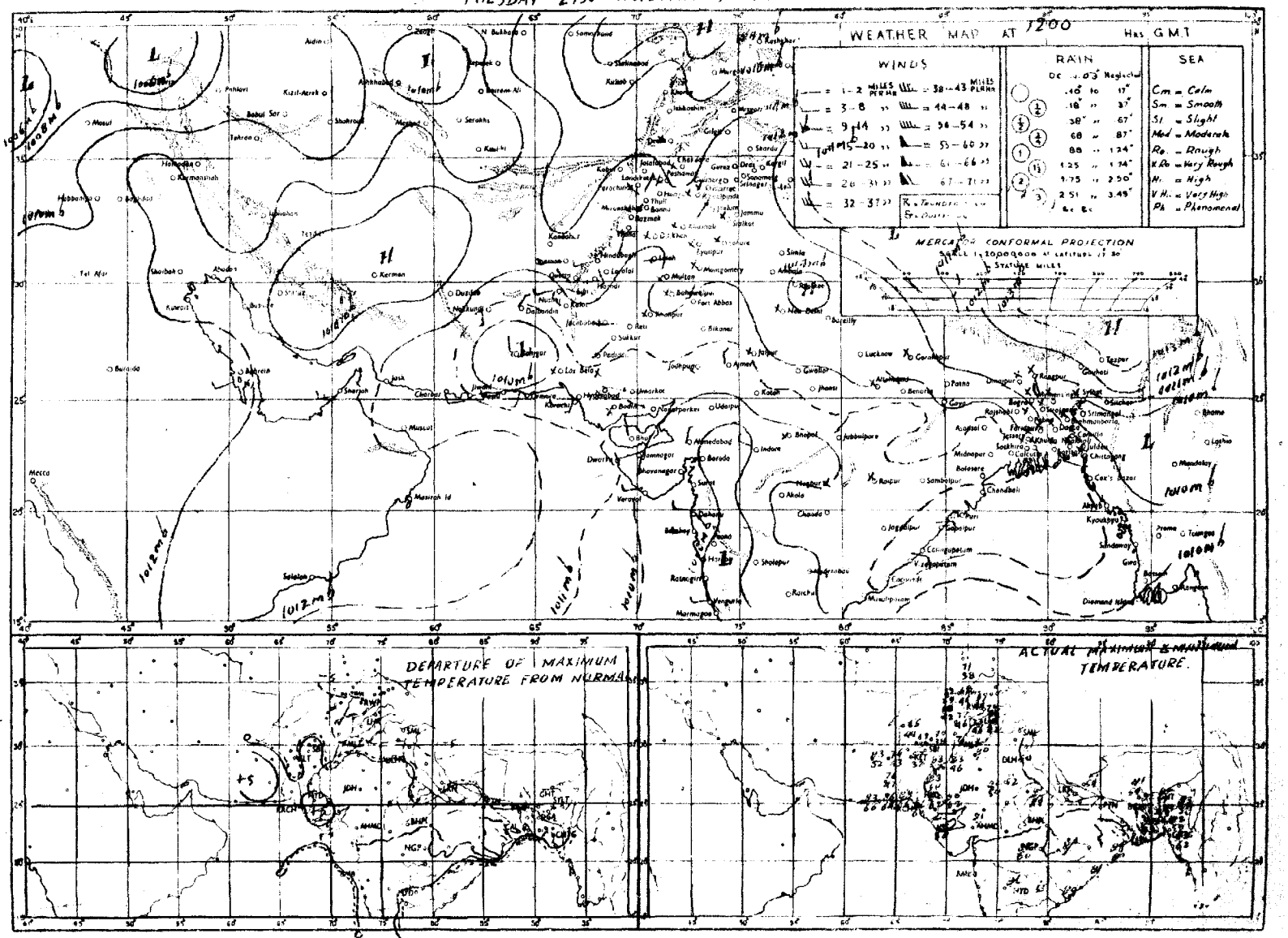
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

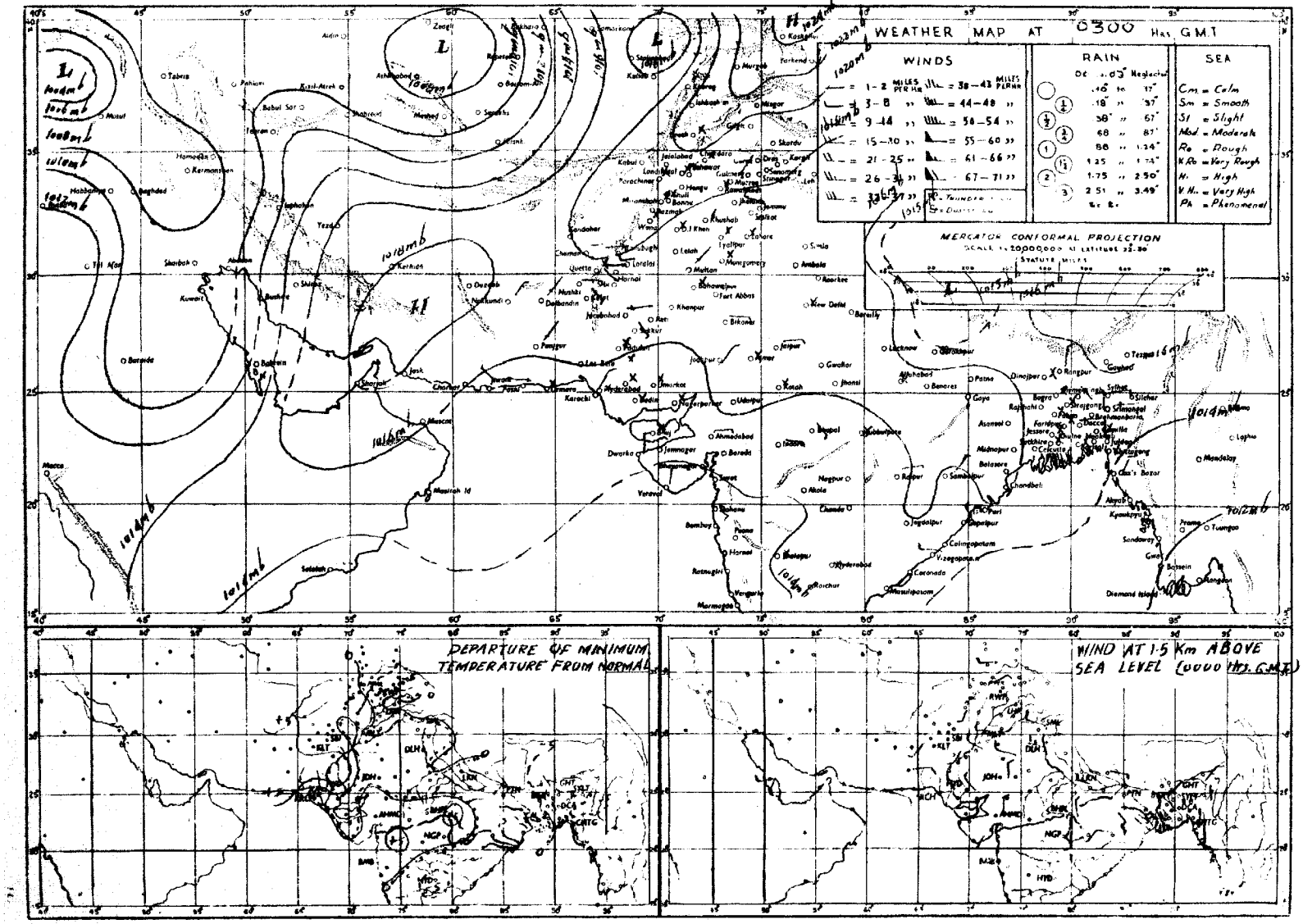
TUESDAY 21st NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22nd NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 23rd NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A secondary western disturbance lies over northeast Iran.
Weather remained dry over the country.
Night temperatures were 4 to 7°F above normal in Kalat division and were generally 3 to 5°F below normal in East Pakistan.
Forecast valid until the evening of 24th November, 1961:—Weather will remain dry over the country.

Karachi-11
The 23rd November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Departure from Normal of: Minimum Temperature	Rainfall: Since 1st November 1961 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	23	02	xx	00	0	120	75	9	x	0	x	x	64	85	000	0	2	27	02	98	01	4	154	70	1	2	5	8	0	63	65	—	—	—	—	—	—
	Cox's Bazar	000	0	1	31	02	xx	01	0	107	74	1	1	6	0	0	63	82	000	0	3	07	02	97	01	0	135	75	1	8	6	0	8	65	62	— 2	— 3	0.9	— 1.9	186.7	140
	Chittagong	000	0	0	00	00	xx	00	0	110	73	0	0	9	0	0	64	82	000	0	0	05	02	96	00	0	141	74	0	0	9	0	0	59	60	— 0	— 3	0.1	— 1.8	170.7	108
	Maijdee Court	000	0	0	00	00	xx	10	0	114	73	0	0	9	0	0	60	82	000	0	0	36	03	97	00	0	145	72	0	0	9	0	0	62	59	0	— 3	0	— 1.3	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	100	72	0	0	9	0	7	59	85	000	0	0	00	00	97	00	0	148	71	0	0	9	0	0	61	58	+ 2	— 3	0	— 1.2	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	115	73	0	0	9	0	0	64	83	000	0	0	36	02	97	00	0	148	71	0	0	9	0	0	63	61	—	—	0	1.0	65.4	79
	Sylhet	000	0	0	00	00	xx	02	0	113	69	0	0	9	0	0	60	80	000	0	0	09	09	97	02	0	142	69	0	0	9	0	0	59	57	0.1	—	0.1	—	—	—
	Srimangal	000	0	0	09	03	xx	00	0	xxx	63	0	0	9	0	0	59	83	000	0	0	00	00	96	00	0	xxx	70	0	0	9	0	0	62	51	— 2	— 6	1.0	— 0.4	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	116	73	0	0	9	0	0	63	89	000	0	0	10	02	97	00	0	153	68	0	0	9	0	0	62	57	—	— 6	0.3	— 0.6	62.1	91
	Narayanganj	000	0	0	02	00	xx	05	4	112	74	0	0	9	0	0	59	83	000	0	0	00	00	96	45	4	142	72	0	0	9	0	0	62	62	+ 1	— 2	0.3	— 0.6	62.9	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	108	71	0	0	9	0	0	59	83	000	0	0	00	00	97	02	0	141	73	0	0	9	0	0	61	56	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	xx	00	0	105	72	0	0	9	0	0	62	83	000	0	0	00	00	95	05	0	147	71	0	0	9	0	0	61	60	+ 2	— 1	0	— 1.0	87.9	71
Khulna	Barisal	000	0	0	00	00	96	02	1	111	75	0	0	9	0	0	64	82	000	4	0	36	02	96	03	4	141	75	0	0	9	0	0	64	62	0	— 1	—	—	—	81
	Khulna	000	0	0	00	00	96	00	0	112	73	0	0	9	0	0	61	80	000	0	0	00	00	96	00	0	145	72	0	0	9	0	0	62	62	— 2	— 1	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	115	76	0	0	9	0	0	61	83	000	0	0	00	00	97	00	0	153	70	0	0	9	0	0	58	58	— 1	— 1	0	— 0.7	62.2	65
	Jessore	000	0	0	36	02	97	00	0	126	72	0	0	9	0	0	62	79	000	0	0	00	01	03	97	00	0	147	69	0	0	9	0	0	59	56	— 3	— 5	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	171	70	0	0	9	0	0	60	82	000	0	0	00	00	98	00	0	147	69	0	0	9	0	0	61	59	+ —	—	0	—	59.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	108	72	0	0	9	0	0	62	83	000	0	0	00	00	97	00	0	145	72	0	0	9	0	0	60	57	+ 2	— 4	0.7	0	59.9	64
	Bogra	000	0	0	00	00	xx	02	0	113	73	0	0	9	0	0	65	81	000	0	0	05	02	96	02	0	147	70	0	0	9	0	0	62	xx	0	— 0.5	0.3	— 0.6	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	112	70	0	0	9	0	0	57	81	000	0	0	00	00	96	00	0	148	68	0	0	9	0	0	55	54	0	— 0.3	0	— 0.3	51.7	72
	Rangpur	000	0	0	00	00	xx	01	0	122	67	0	0	9	0	0	57	79	000	0	0	05	02	96	01	0	162	65	0	0	9	2	0	58	54	— 2	— 6	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	151	69	1	0	9	3	0	53	75	000	0	0	00	00	96	02	0	168	51	0	0	9	0	0	47	45	— 5	0	0	— 0.1	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	145	69	0	0	9	0	0	53	73	000	0	0	00	00	97	00	0	167	50	0	0	9	0	0	51	47	— 4	0	0.7	+ 0.6	35.7	32
Rawal-pindi	Jhelum	000	0	1	27	03	97	02	0	145	70	1	1	7	0	0	49	74	000	0	0	31	03	97	02	0	164	53	0	0	9	0	0	42	46	—	—	0.7	—	35.5	—
	Rawalpindi	000	0	3	27	02	97	00	0	142	62	0	0	9	4	0	47	67	000	0	0	00	00	95	10	0	164	42	0	0	9	0	0	41	41	— 2	— 1	1.4	— 1.2	53.9	36
	Campbellpur	000	0	0	65	02	98	00	0	142	65	0	0	9	0	0	50	71	000	0	0	00	00	98	00	0	173	51	0	0	9	0	0	45	41	—	—	0.5	—	12.3	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	146	75	0	0	9	0	0	49	78	000	0	0	00	00	99	00	0	168	56	0	0	9	0	0	46	47	— 2	0	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	150	70	0	0	9	0	0	52	71	000	0	0	00	00	94	05	4	165	51	0	0	9	0	0	49	47	— 7	+ 1	0	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	157	63	0	0	9	0	0	50	76	000	0	0	00	00	95	05	0	173	51	0	0	9	0	0	47	46	— 4	— 3	0	0	10.1	10
	Multan	000	0	0	00	00	98	02	0	145	74	0	0	9	0	0	45	79	000	0	0	00	00	98	02	0	171	56	0	0	9	0	0	46	51	— 1	— 2	0	0	7.5	7
	Leiah	000	0	0	13	05	97	00	0	124	73	0	0	9	0	0	46	79	000	0	0	13	02	97	00	0	145	58	0	0	9	0	0	41	45	—	—	0	—	10.6	8
Bahawal-pur	Khanpur	000	0	0	00	00	96	02	0	139	77	0	0	9	0	0	53	84	000	0	0	00	00	95	05	0	168	55	0	0	9	0	0	45	47	+ 1	— 2	0	—	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	142	79	0	0	9	0	0	61	81	000	0	0	00	00	98	00	0	160	61	0	0	9	0	0	52	50	— 0	— 2	0	0	4.9	6
	Fort Abbas	000	0	0	36	03	98	00	0	155	74	0	0	9	0	0	48	79	000	0	0	13	02	98	00	0	189	40	0	0	9	0	0	44	49	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	156	60	0	0	9	0	0	47	62	000	0	0	00	00	97	00	0	183	45	0	0	9	0	0	38	40	—	—	1.7	—	27.0	—
	Peshawar	000	0	2	00	00	96	05	0	153	66	0	0	9	0	0	45	71	000	0	0	18	03	96	05	1	183	46	0	0	9	0	0	39	45	— 2	— 1	1.0	+ 0.9	18.8	11
	Haripur	000	0	0	23	03	97	00	0	153	65	0	0	9	0	0	45	71	000	0	0	23	03	98	00	0	170	48	0	0	9	0	0	38	43	—	—	1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	98	00	0	145	67	0	0	9	0	0	49	69	000	0	0	27	02	99	00	0	172	51	0	0	9	0	0	42	46	—	—	0.5	—	14.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	141	74	0	0	9	0	0	55	78	000	0	0	00	00	98	00	0	170	49	0	0	9	0	0	45	47	— 1	— 1	0	— 0.1	7.7	9
Quetta	Sibi	000	0	0	13	02	97	00	0	140	79	0	0	9	0	0	50	83	000	0	0	00	00	94	05	4	xxx	51	0	0	9	0	0	51	50	0	—	—	—	5.6	5
Kalat	Nokkundi	000	0	0	09	03	98	00	0	100	80	0	0	9	0	0	27	82	000	0	0	09	03	98	02	0	160	63	0	0	9	0	0	35	57	—	—	0	—	1.0	2
	Turbat	000	0	0	27	02	98	01	0	110	88	0	0	9	0	0	49	91	000	0	0	09	02	98	00	0	158	67	0	0	9	0	0	57	xx	—	—	1.0	—	12.3	5
	Jiwani	000	0	0	20	09	98	00	0	125	79	0	0	9	0	0	66	84	000	0	2	02	03	97	02	0	162	68	2	5	5	0	0	65	67	—	—	0	—	3.8	5
	Pasni	000	0	0	20	05	98	00	0	122	82	0	0	9	0	0	66	85	000	0	2	20	02	97	03	0	159	66	0	0	9	2	0	64	64	— 3	×	0	— 0.1	5.4	9
Karachi Division	Ormara	000	0	0	18	03	96	00	0	117	82	0	0	9	0	0	65	84	000	0	0	00	00	96	00	0	156	67	0	0	9	0	0	65	63	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	109	90	0	0	9	0	0	61	91	000	0	0	00	00	98	00	0	141	62	0	0	9	0	0	47	58	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	25	02	98	02	0	125	84	0	0	9	0	0	77	98	000	0	0	05	07	96	02	0	158	69	0	0	9	0	0	60	66	+ 6	—	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	23	05	97	02	0	122	81	0	0	9	0	0	46	89	000	0	0	00	00	96	02	0	163	61	0	0	9	0	0	49	56	—	—	0	—	24.6	—
Hyder-abad	Nagarparkar	000	0	0	05	01	97	00	0	112	86	0	0	9	0	0	71	90	000	0	0	00	00	97	00	0	132	69	0	0	9	0	0	53	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	29	02	98	02	0	117	84	0	0	9	0	0	46	89	000	0	0	xx	xx	97	00	0	152	58	0	0	9	0	0	41	55	—	—	0	—	18.1	—
	Hyderabad	000	0	0	36	02	97	02	0	126	83	0	0	9	0	0	52	88	000	0	0	36	02	97	02	0	168	65	0	0	9	0	0	48	61	+ 3	— 4	0	0	12.9	7
	Badin	000	0	0	00	00	97	00	0	125	86	0	0	9	0	0	46	92	000	0	0	36	02	97	00	0	167	60	0	0	9	0	0	53	58	+ 5	0	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	36	03	97	02	0	132	81	0	0	9	0	0	46	84	000	0	0	00	00	96	02	0	155	52	0	0	9	0	0	49	50	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	131	82	0	0	9	0	0	47	84	000	0	0	00	00	96	02	0	167	54	0	0	9	0	0	49	52	—	—	0	—	1.1	—
	Sukkur	000	0	0	24	02	97	02	0	133	80	0	0	9	0	0	51	84	000	0	0	00	02	94	02	0	165	60	0	0	9	0	0	48	55	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	135	80	0	0	9	0	0	47	84	000	0	0	00	00	99	00	0	178	77	0	0	9	0	0	50	48	—	—	0	—	1.8	—
	Jacobabad	000	0	0	18	02	97	02	0	139	80	0	0	9	0	0	45	84	000	0	0	00	00	96	02	0	169	58	0	0	9	0	0	43	54	+ 2	— 2	0	0	8.3	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							—
Arabia	Muscat																																							4
	Kuwait																																							5
Kashmir	HILL STATIONS																																							—
	Srinagar *																																							26
	Gulmarg **																																							—
	Sonamarg **																																							71
	Dras **																																							26
	Leh **																																							3
	Skardu *																																							6
	Misgar **																																							—
	Aliabad *																																							5
	Gilgit *																																							—
Rawalpindi	Murree *	000	6	5	27	02	98	02	1	514	43	0	0	9	5	0	29	52	000	9	0	02	35	98	00	1	517	41	0	0	9	0	0	19	35	— 2	— 5	1.3	— 0.8	70.6	59
Peshawar	Drosh	000	0	3	13	05	96	03	0	510	53	3	0	9	4	0	17	60	000	0	0	00	00	97	02	0	542	39	0	0	9	0	0	25	38	— 2	— 4	0.9	—	23.9	18
	Chitral *	000	0	0	31	05	98	00	0	505	58	1	0	9	4	0	47	62	000	0	0	31	05	98	00	0	486	57	0	0	9	0	0	45	47	— 1	— 0	1.5	+ 1.4	35.0	29
	Kakul	000	0	3	16	05	98	01	0	514	54	0	0	9	4	4	38	64	000	0	0	31	02	98	00	0	510	47	0	0	9	0	0	33	43	—	—	2.8	—	39.1	—
	Landikotal	000	0	1	00	00	99	01	0	503	60	0	0	9	4	0	40	64	000	0	0	00	00	99	00	0	496	42	0	0	9	0	0	33	36	—	—	0.6	—	13.7	—
	Parachinar *	000	0	2	13	01	99	00	0	503	56	2	0	9	2	0	25	61	000	0	0	00	00	99	00	0	524	39	0	0	9	0	0	25	40	—	+ 3	0.4	—	29.6	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	496	63	0	0	9	0	0	41	66	000	0	0	00	00	99	00	0	492	43	0	0	9	0	0	36	42	—	—	0.1	+ 0.1	7.8	13
	Wana *	000	0	0	00	00	99	00	0	517	60	0	0	9	0	0	31	67	000	0	0	00	00	99	00	0	519	43	0	0	9	0	0	31	40	—	—	0.9	—	11.8	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	507	67	0	0	9	0	0	18	68	000	0	0	00	00	98	02	0	529	44	0	0	9	0	0	24	39	+ 1	+ 2	0	0	11.3	11
	Hindubagh *	000	0	0	25	14	97	00	0	491	60	0	0	9	0	0	23	63	000	0	0	27	05	98	00	0	518	45	0	0	9	0	0	26	31	—	—	0.1	—	5.9	—
	Loralai *	000	0	0	11	09	97	00	0	369	62	0	0	9	0	0	37	67	000	0	0	00	00	99	00	0	347	43	0	0	9	0	0	27	36	—	—	0.1	—	5.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta *	000	0	0	00	00	97	00	0	491	60	0	0	9	0	0	36	62	000	0	0	00	00	96	00	0	534	46	0	0	9	0	0	28	33	—	—	0.4	+ 0.3	6.7	9
	Chaman *	000	0	0	27	05	98	00	0	504	64	0	0	9	0	0	23	66	000	0	0	09	05	98	00	0	527	50	0	0	9	0	0	20	43	0	—	0.5	+ 0.4	6.7	9
	Nushki *	000	0	0	00	00	98	00	0	588	77	0	0	9	0	0	40	75	000	0	0	09	19	98	02	0	563	61	0	0	9	0	0	35	55	—	—	0	—	3.8	—
	Dalbandin *	000	0	0	23	03	98	02	0	523	77	0	0	9	0	0	35	79	000	0	0	05	02	98	02	0	507	50	0	0	9	0	0	25	45	+ 8	+ 9	0.2	— 0.2	2.8	4
Kalat	Kalat *	000	0	0	31	05	98	00	0	494	50	0	0	9	0	0	30	61	000	0	0	18	05	98	00	0	548	38	0	0	9	0	0	18	33	0	+ 4	0.2	— 0.1	13.1	7
	Panjgur *	000	0	0	23	02	98	02	0	512	76	0	0	9	0	0	29	77	000	0	0	05	02	98	02	0	516	52	0	0	9	0	0	27	48	+ 6	+ 7	0.2	—	5.2	5
Afghanistan	Kabul *																																							12
	Kandhar *																																							

† Given in Code.

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

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

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

Whenever 999 tog item or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptunea	43 117	526 00	5 04 09	97 0 20	120 79	52 5 01	76 4 00	...	05 2 73	10 4 xx
Firdusa	43 211	677 00	1 27 02	99 0 20	13x 76	33 x xx	...	...	...	...
Silata	43 271	522 12	1 12 05	99 0 20	105 79	12 5 00	66 6 15	...	00 0 68	11 2 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000_{mb} $HHHTTTT_dT_d$	900_{mb}	850_{mb}	800_{mb}	700_{mb}	600_{mb}	500_{mb}	400_{mb}	300_{mb} HHHTTT	200_{mb}	150_{mb}	100_{mb}
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 245 122	099 148 132	...	157 105 092	..	308 032 999	431 518 999	574 602 599	743 692 999	952 810	...	...	...
Jiwani ...														
Karachi ...	00 00	012 172 118	122 228 162	...	150 145 512	...	312 040 999	437 005 999	580 595 999	748 725 999	956 823	229 022	411 140	...
Lahore ...	00 00	990 152 128	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	973 038 512	...	...	145 092 528	...	306 522 628	427 595 695	565 685 802	728 780 999	930 900	195 095	...	...
Quetta ...	00 00	834 022 518	...	...	...	..	313 025 522	435 580 999	574 760 999	730 950 999	918 060	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 138 112	...	...	...	...	...	...	...	...	900 138 112	...	...
Jiwani ...													
Karachi ...	00 00	900 182 002	800 102 528	...	...	...	...	...	...	...	800 102 528	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	940 118 018	900 115 002	800 055 575	...	...	...	...	...	...	800 055 575	...	...
Quetta ...	00 00	800 095 518	...	...	...	...	...	...	...	...	800 095 518	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	17 01	21 01	11 02	05 04	22 06	23 18	25 26	...	...	06 07	05 04	02 03	01 02	...	..
Chaklala ...	...	28 07	28 05	26 03	31 03	32 08	32 05	32 15	30 26	...	27 03	31 03	31 04	33 06	36 10
Chhor ...	34 04	36 05	01 06	03 05	33 12	32 19	31 05	...	...	09 11	11 06	09 03	36 08	35 10	32 09
Chittagong ...	...	...	...	...	...	..	...	...	..	04 04	05 11	06 05	22 02	24 07	24 29
Cox's Bazar ...	...	...	..	...	...	...	...	...	...	03 07	36 02	22 04	24 04	22 09	25 23
Dacca ...	29 02	31 01	27 01	27 03	28 11	24 21	...	...	...	04 04	02 02	36 02	26 04	26 15	26 21
Dalbandin ...	...	...	27 01	27 02	25 04	28 10	28 15	30 29	29 41	.	...	07 05	24 05	25 10	33 07
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 03	23 02	28 02	25 04	23 09	...	...	...	22 01	24 02	26 01
Fort Sandeman ...	...	...		25 03	28 13	31 15	30 26	30 59	...	...	...	...	16 01	32 06	31 11
Jacobabad ...	28 02	13 02	13 04	20 10	24 11	30 15	30 25	32 27	31 44	10 05	08 04	18 03	22 12	25 10	31 15
Jessore ...	33 04	32 04	32 05	32 04	32 06	...	...	...	...	35 12	35 10	35 11	31 12	30 07	23 27
Jhelum ...	28 06	31 07	30 08	31 06	33 07	34 12	34 12	32 21	31 32	32 04	31 10	31 13	31 10	33 12	32 12
Jiwani ...	12 03	12 03	14 04	14 06	31 02	28 06	28 09	25 19	25 23	27 03	22 04	15 07	14 10	13 07	30 07
Karachi ...	20 06	16 02	05 03	08 05	06 06	32 10	31 16	31 33	30 35	...	...	...	...	...	...
Khanpur ...	09 06	25 02	25 04	29 09	29 11	30 16	30 21	30 37	36 36	12 15	14 07	13 04	26 06	29 14	27 26
Lahore ...	32 06	32 04	33 05	34 09	33 13	33 15	34 16	33 17	32 22	31 08	31 10	31 10	33 13	31 09	29 13
Multan ...	xx xx	xx xx	11 04	19 04	26 09	27 10	29 13	30 24	30 27	14 05	20 01	27 03	27 06	30 08	30 05
Muscat ...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Panjgur ...	...	...	...	30 05	27 02	29 08	29 13	29 18	28 33	...	...	...	26 09	23 09	02 05
Peshawar ...	...	15 01	01 03	01 03	31 06	28 05	26 08	29 08	...	...	32 03	35 07	32 12	34 10	29 08
Quetta ...	...	...	...	...	32 06	31 13	30 11	28 33	28 31	...	...	...	...	30 08	29 07
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	10 15	10 04	10 03	13 01	24 06	23 17
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	06 03	03 04	02 04	35 09	30 -09	29 10	29 37	26 44	26 47	...	—
Chaklala ...	...	19 02	31 06	29 05	29 04	32 12	30 11	32 13	33 37	32 48	
Chhor ...	18 08	18 10	21 07	32 03	36 07	32 03	36 07	01 09	32 10	31 13	29 28
Chittagong ...	06 05	02 03	04 01	15 04	23 07	24 27	24 41	24 42	25 50	25 49	—
Cox's Bazar ...	19 07	17 04	17 02	36 02	24 05	25 33	25 30	26 37	26 40	...	...
Dacca ...	02 02	35 01	33 02	29 08	28 10	27 20	25 35	26 48	26 53	26 68	27 97
Dalbandin ...	...	...	07 04	24 11	24 08	23 06	24 07	29 17	30 24	29 35	29 51
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 10	36 11	36 21	36 37	...	...	...
Fort Sandeman ...	...	...	...	22 05	29 06	31 14	34 15	31 27	30 39	...	...
Jacobabad ...	15 02	21 03	21 06	25 09	31 09	32 12	31 13	29 19	30 34	30 37	—
Jessore ...	34 06	33 06	29 06	29 07	30 09	30 10	26 30	26 36	26 46	...	...
Jhelum ...	32 04	32 09	32 09	32 08	31 02	32 14	32 23	32 29	33 44	...	...
Jiwani ...	08 02	06 05	16 07	13 10	14 36	30 35	34 08	...	...	...	...
Karachi ...	07 01	16 02	16 02	13 02	07 08	27 05	27 17	28 21	28 24	30 31	...
Khanpur ...	22 04	27 06	27 06	26 09	28 09	28 09	31 13	30 27	...	...	...
Lahore ...	31 05	30 09	30 13	31 12	29 14	31 15	32 19	32 23	32 45	31 59	—
Multan ...	19 08	19 09	19 09	23 08	25 07	27 13	32 29	31 40	33 45	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 11	22 09	21 03	29 15	30 18	29 22	29 35	29 64
Peshawar ...	...	34 03	25 02	32 07	33 07	30 25	30 17	35 16	35 15	33 49	—
Quetta ...	...	...	...	...	33 04	32 15	32 15	32 21	...	...	—
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	12 05	13 05	15 06	18 05	25 06	25 13	...	...	...	...	...
Veraval ...	...	..	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...								...	...	...	...	...		...	...	...	...	—
Dacca ...	05 06	02 04	33 05	30 04	30 04	31 10	29 16								...	...	...	—
Karachi ...	36 08	30 02	18 02	09 05	07 05	29 04	29 04	29 17	27 28	28 39	30 58	29 58	29 94	28 91	...	...	...	...
Peshawar ...	...	27 06	31 02	05 02	31 08	35 11	34 13	33 21	31 37	31 61	33 28	34 48	...	...	...	...	...	
Quetta ...																		

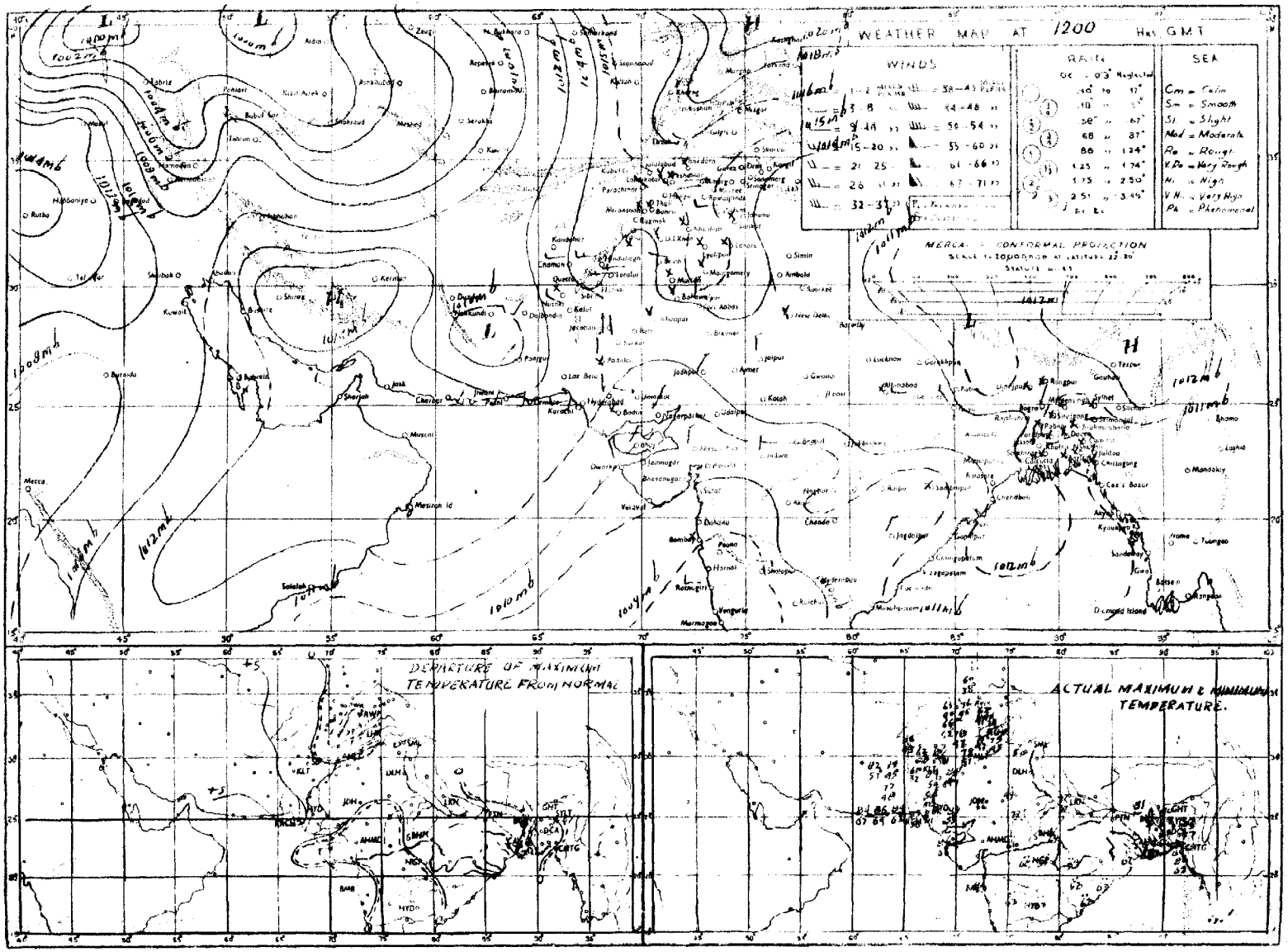
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

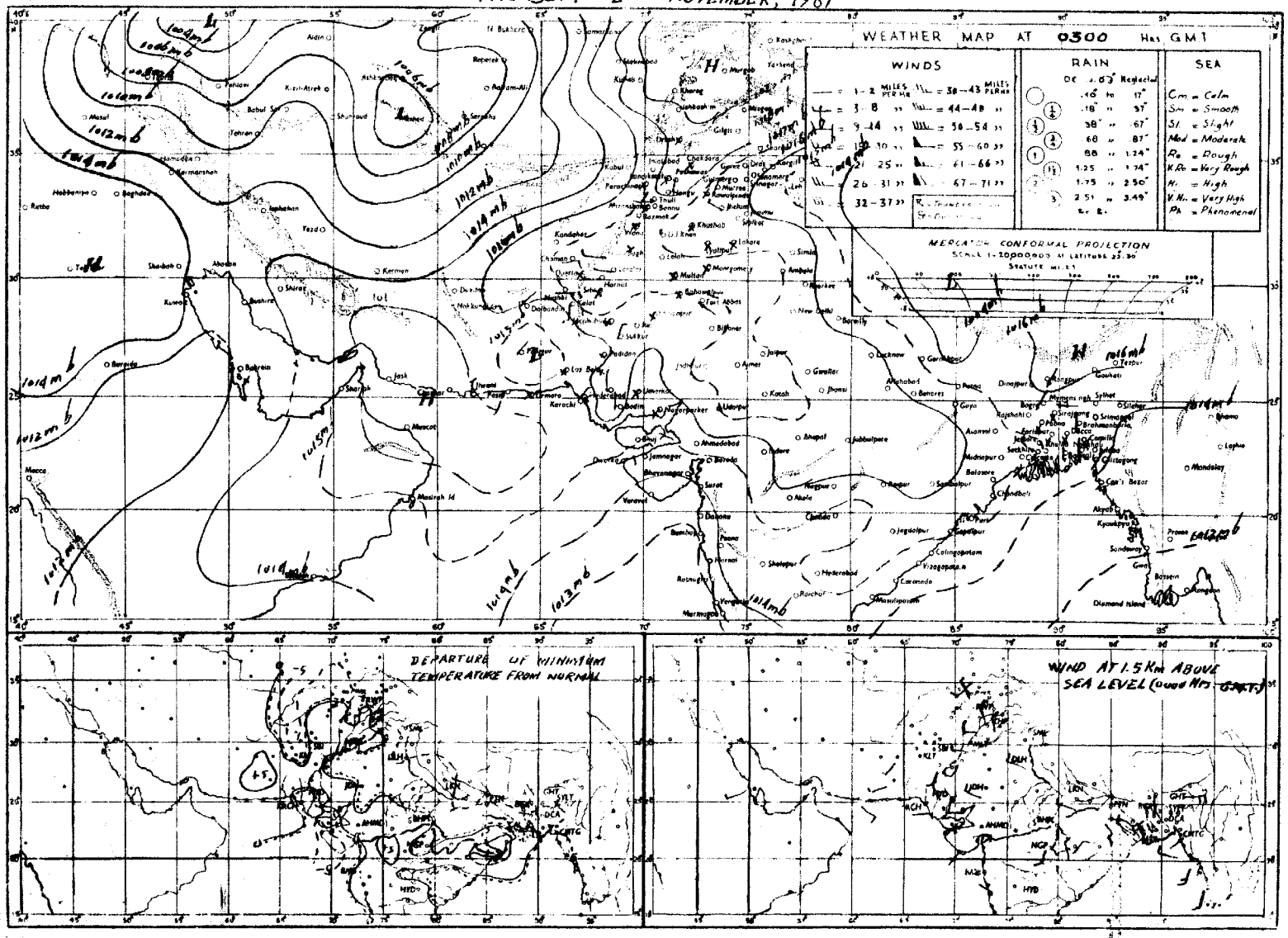
WEDNESDAY 22nd NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd NOVEMBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 24th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance is now moving away eastwards across north of Afghanistan. Another today lies over central Iran.
Weather remained dry in the country.

Night temperatures were 3 to 5°F below normal in East Pakistan and were 4 to 8°F above normal in Quetta and Kalat division.

Forecast valid until the evening of 25th November, 1961:—Scattered rain/thundershowers are likely to occur in Peshawar, D. I. Khan, Quetta and Kalat divisions. Weather will remain dry elsewhere in the country.

Karachi-11
The 24th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
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	Kangamati	003	0	9	36	02	xx	00	2	124	75	9	x	0	x	x	64	82	000	0	3	36	05	96	01	1	165	69	2	2	6	0	9	63	64	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	1	00	00	xx	02	0	116	74	1	1	6	0	0	63	82	000	3	3	02	05	97	01	0	154	75	3	4	5	0	0	63	65	— 2	— 0	0.9	— 2.1	186.7	140
	Chittagong	000	0	0	00	00	xx	00	0	107	72	0	0	0	9	0	62	82	000	9	1	05	03	96	01	1	160	74	1	0	9	0	2	63	61	+ 1	— 2	0.1	— 1.8	170.7	108
	Maijdee Court	030	0	0	00	00	xx	10	0	117	72	0	0	0	9	0	61	81	000	9	0	05	05	97	00	0	161	71	0	0	9	0	0	62	59	+ 1	— 2	0	— 1.4	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	099	75	0	0	0	9	0	62	84	000	0	0	00	00	97	02	0	153	71	0	0	9	0	0	65	59	+ 1	— 2	0	— 1.2	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	02	0	122	71	0	0	0	9	0	63	80	000	6	0	36	02	97	00	0	169	71	0	0	9	0	0	61	59			0	— 1.0	65.4	78
	Sylhet	000	0	0	00	00	xx	01	2	165	70	0	0	0	9	0	xx	80	000	0	0	09	05	97	00	2	163	69	0	0	9	0	0	60	56			0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	64	0	0	0	9	0	49	83	000	0	0	00	00	96	00	0	xxx	69	0	0	9	0	0	61	51	— 2	— 6	1.0	— 0.4	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	123	73	0	0	0	9	0	70	79	000	0	0	00	00	97	00	0	170	66	0	0	9	0	0	59	57	— 2	— 6	0.3	— 0.6	62.1	91
	Narsyangani	000	0	0	0	00	xx	10	4	118	73	0	0	0	9	0	65	83	000	0	0	00	00	96	00	4	167	75	0	0	9	0	0	59	60	+ 1	— 4	0.3	— 0.7	62.9	74
	Dacca (Tergaon)	000	0	0	00	00	96	02	0	117	70	0	0	0	9	0	58	82	000	0	0	00	00	96	02	0	160	69	0	0	9	0	0	59	55			0	—	81.2	—
	Faridour	000	0	0	00	00	95	05	0	121	76	0	0	0	9	0	61	80	000	0	0	02	02	95	05	0	156	70	0	0	9	0	0	60	60	— 1	— 1	0	— 1.0	87.9	71
Khulna	Barisal	000	0	3	00	00	96	02	1	114	77	3	0	9	4	0	59	82	000	0	0	00	00	97	02	1	164	71	0	0	9	0	0	61	62	0	— 1	0	— 1.5	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	155	72	0	0	0	9	0	65	83	000	0	0	00	00	96	00	0	xxx	74	0	0	9	0	0	57	61	+ 1	— 1	0	— 1.1	57.3	66
	Satkhira	000	0	0	00	00	97	00	0	123	76	0	0	0	9	0	58	86	000	0	0	36	02	97	00	0	172	71	0	0	9	0	0	63	58	+ 2	— 1	0	— 0.7	62.2	65
	Jessore	000	0	0	00	00	97	00	0	126	73	0	0	0	9	0	62	87	000	0	0	27	05	97	00	0	164	68	0	0	9	0	0	59	55			0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	96	02	0	116	76	0	0	0	9	0	62	81	000	0	0	31	05	97	10	0	165	69	0	0	9	0	0	60	59			0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	116	70	0	0	0	9	0	62	81	000	0	0	00	00	98	00	0	166	71	0	0	9	0	0	61	57	—	— 4	0.7	0	49.9	64
	Bogra	000	0	0	00	00	xx	02	0	116	71	0	0	0	9	0	61	78	000	0	0	36	02	96	02	0	136	67	0	0	9	0	0	53	59	— 3	— 2	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	120	71	0	0	0	9	0	59	81	000	0	0	00	00	96	00	0	167	70	0	0	9	0	0	56	54	0	— 3	0	— 0.3	51.7	72
	Rangpur	000	0	1	00	00	xx	03	0	124	76	0	0	9	1	0	57	80	000	0	1	05	02	96	02	0	178	65	0	0	9	0	0	55	54	— 1	— 6	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Ilail Rd.)	000	0	0	00	00	96	02	0	142	69	0	0	9	0	0	50	76	000	0	0	00	00	94	01	0	172	54	0	0	9	0	0	47	47	— 4	— 2	0	— 0.1	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	135	68	0	0	0	9	0	56	72	000	0	0	00	00	97	00	0	178	58	0	0	9	0	0	50	49	— 5	+ 2	0.7	+ 0.6	35.7	32
Rawal-pindi	Jhelum	000	0	0	00	00	97	02	0	134	72	0	0	0	9	0	53	76	000	0	0	09	03	96	02	0	174	48	0	0	9	0	0	44	43			0.7	—	35.5	—
	Rawalpindi	000	0	3	25	02	98	01	2	151	62	0	0	4	42	69	003	00	000	0	0	00	00	96	10	0	189	44	0	0	9	0	0	43	43	— 5	— 2	1.4	+ 1.2	53.9	36
	Campbellpur	000	0	0	00	00	98	00	0	122	66	0	0	0	9	0	49	72	000	0	0	05	08	98	00	0	181	49	0	0	9	0	0	42	41	—	—	0.5	—	12.3	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	135	73	0	0	0	9	0	51	78	000	0	0	00	00	99	00	0	132	50	0	0	9	0	0	43	46	— 2	— 1	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	131	71	0	0	0	9	0	53	73	000	0	0	00	00	94	05	4	174	52	0	0	9	0	0	48	47	— 5	+ 1	0	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	141	72	0	0	0	9	0	55	78	000	0	0	00	00	96	02	0	175	55	0	0	9	0	0	48	46	— 2	— 1	0	— 0.1	10.1	10
	Multan	000	0	0	00	00	98	02	0	135	74	0	0	0	9	0	48	79	000	0	0	00	00	96	05	0	172	55	0	0	9	0	0	47	52	— 1	+ 3	0	0	7.5	7
	Leiah	000	0	0	18	02	97	00	0	128	73	0	0	0	9	0	46	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Bahawal-pur	Khanpur	000	0	0	00	00	96	02	0	129	77	0	0	0	9	0	54	82	000	0	0	00	00	96	02	0	164	53	0	0	9	0	0	43	48	— 1	— 1	0	0	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	120	89	0	0	0	9	0	63	84	000	0	0	00	02	98	00	0	165	61	0	0	9	0	0	51	52	+ 3	+ 4	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	144	76	0	0	0	9	0	54	81	000	0	0	09	02	98	00	0	168	53	0	0	9	0	0	43	50			0	—	3.1	8
Pesha-war	Chakdara	000	0	0	00	00	97	00	0	148	61	0	0	0	9	0	46	67	000	0	0	00	00	97	00	0	185	44	0	0	9	0	0	37	40	—	—	1.7	—	27.0	—
	Peshawar	000	0	1	05	02	98	01	0	139	66	0	0	1	41	73	000	0	000	0	1	00	00	98	01	0	182	47	0	2	9	0	1	38	44	— 0	— 1	1.0	+ 0.9	16.8	11
	Haripur	000	0	0	20	03	97	00	0	142	65	0	0	9	0	0	46	72	000	0	0	31	02	98	00	0	172	49	0	0	9	0	0	37	43			1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	93	00	0	120	70	0	0	9	0	0	50	71	000	2	6	03	00	98	03	0	176	50	0	0	9	0	4	41	47	—	—	0.5	—	14.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	096	75	0	0	9	0	0	58	78	000	0	0	00	00	98	00	0	178	51	0	0	9	0	0	47	47	— 1	+ 1	0	— 0.1	7.7	9
Quetta	Sibi	000	6	0	23	02	98	00	0	133	79	0	0	9	0	0	48	83	000	0	0	36	02	95	05	4	169	53	0	0	9	0	0	40	51	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	16	03	98	02	0	086	81	0	0	9	0	0	42	83	000	0	0	07	05	98	02	0	147	60	0	0	9	0	0	40	57	—	—	0	—	1.0	2
	Turbat	000	0	0	23	02	98	03	0	110	87	0	0	9	0	0	47	89	000	0	0	00	00	98	00	0	158	65	0	0	9	0	0	43	xx	—	—	0.9	—	12.3	—
	Jiwani	000	0	1	20	05	97	02	1	139	78	1	5	5	0	0	65	81	000	0	6	00	00	97	02	1	171	67	6	5	5	0	0	64	65	—	—	0	—	3.8	5
	Pasni	000	8	0	23	05	98	00	0	137	82	0	0	9	0	0	53	87	000	0	0	29	02	97	00	0	162	63	0	0	9	0	0	59	62	+ 5	+ 5	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	0	27	05	96	00	0	129	80	0	0	9	0	0	66	83	000	0	0	00	00	96	00	1	156	66	0	0	9	0	0	64	63	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	116	92	0	0	9	0	0	61	93	000	0	0	00	00	98	00	0	151	66	0	0	9	0	0	66	61	—	—	0	—	0	6
	Karachi (Manora)	000	0	0	25	09	98	02	0	129	85	0	0	9	0	0	76	97	000	0	0	00	00	94	10	0	160	70	0	0	9	0	0	62	68	+ 5	+ 4	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	0	20	05	97	02	0	132	83	0	0	9	0	0	54	88	000	0	0	00	00	96	02	0	163	60	0	0	9	0	0	53	57			0	—	24.6	—
Hydar-abad	Nagarparkar																		000	0	0	00	00	97	00	0	155	69	0	0	9	0	0	53	xx	—	—	0	—	27.3	—
	Umerkot	000	0	x	31	02	98	02	0	134	84	0	0	9	0	0	50	92	000	0	0	11	01	97	02	0	158	66	0	0	9	0	0	48	57	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	00	0	127	87	0	0	0	9	0	51	93	000	0	0	00	00	97	02	0	163	65	0	0	9	0	0	44	60	+ 8	+ 3	0	0	12.9	9
	Badin	000	0	0	00	00	97	00	0	125	86	0	0	0	9	0	60	95	000	0	0	00	00	97	00	0	169	60	0	0	9	0	0	54	60	+ 8	+ 2	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	00	00	97	02	0	125	83	0	0	9	0	0	50	86	000	0	0	00	00	96	02	0	160	51	0	0	9	0	0	47	49	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	130	85	0	0	9	0	0	51	89	000	0	0	00	00	96	02	0	161	55	0	0	9	0	0	49	52	—	—	0	—	9.3	—
	Sukkur	000	6	0	13	02	97	02	0	125	83	0	0	9	0	0	55	87	000	0	0	00	00	95	05	0	160	62	0	0	9	0	0	51	59	—	—	0	—	2.2	4
	Keshmore	000	0	0	00	00	99	00	0	183	82	0	0	0	9	0	50	84	000	0	0	00	00	99	00	0	160	79	0	0	9	0	0	45	48	—	—	0	—	1.8	4
	Jacobabad	000	0	0	18	02	97	02	0	128	80	0	0	9	0	0	45	84	000	0	0	13	02	96	02	0	166	60	0	0	9	0	0	48	55	+ 2	+ 3	0	0	6.3	6
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							4
	Kuwait																																							5
	HILL STATIONS																																							
Kashmir	Srinagar																																							26
	Gulmarg																																							71
	Sonamarg																																							26
	Dras																																							3
	Leh																																							6
	Skardu																																							—
	Pisgar																																							—
	Aliabad																																							—
	Gilgit																																							5
Rawalpindi	Murree	000	8	5	07	02	98	02	1	507	43	0	0	9	8	4	27	59	000	0	2	00	00	98	01	1	522	45	0	0	9	8	0	16	38	— 1	— 2	1.3	— 0.8	70.6	59
Pesha-war	Drosh	000	0	0	13	07	96	02	0	513	53	0	0	0	14	63	000	0	0	00	00	97	02	0	540	40	0	0	9	0	0	23	39	+ 1	—	0.9	—	23.9	18
	Cherat	000	0	0	05	07	97	00	0	516	61	0	0	0	9	48	65	000	0	0	05	07	98	00	0	503	53	0	0	9	0	0	47	45	+ 1	— 3	1.5	+ 1.3	35.0	29
	Kakul	000	6	1	18	03	98	01	1	506	56	0	0	1	35	65	000	0	0	05	03	98	00	0	515	48	0	0	9	0	0	24	44	— 2	— 2	2.8	—	39.1	—
	Landikotal	000	6	1	18	03	99	00	0	496	58	0	0	0	9	38	64	000	0	1	00	00	99	00	0	499	43	0	0	9	0	0	32	37	—	—	0.6	—	13.7	—
D.I. Khan	Parachinar	000	0	0	13	01	99	00	0	458	57	0	0	0	9	27	61	000	0	0	00	00	99	00	0	533	41	0	0	9	0	4	26	40	0	+ 3	0.4	—	29.6	29
	Miranshah	000	0	0	00	00	99	00	0	491	67	0	0	0	9	39	67	000	0	0	00	00	99	00	0	494	45	0	0	9	0	0	33	41	—	—	0.1	—	7.8	13
	Wana	000	0	0	00	00	99	00	0	464	64	0	0	0	9	27	66	000	0	0	00	00	99	00	0	517	38	0	0	9	0	0	30	35	—	—	0.9	—	11.8	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	509	67	0	0	0	9	50	71	000	0	0	00	00	98	02	0	534	45	0	0	9	0	0	12	40	+ 4	—	0	0	11.3	11
	Hindubagh	000	0	0	25	10	97	00	0	490	63	0	0	0	9	29	62	000	0	0	27	02	97	03	0	520	43	0	0	9	0	0	23	29	—	—	0.1	—	5.9	9
	Loralai	000	0	0	13	03	99	00	0	466	63	0	0	0	9	41	69	000	0	4	25	02	99	00	1	545	42	0	0	9	0	1	26	35	—	—	0.5	—	5.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	0	9	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta	000	0	0	03	00	97	00	0	498	62	0	0	0	9	39	64	000	0	0	00	00	96	00	0	532	46	0	0	9	0	0	31	41	—	—	0.4	+ 0.3	6.7	9
	Chaman	000	0	0	31	05	98	00	0	507	67	0	0	0	9	20	70	000	0	0	09	05	98	00	0	522	56	0	0	9	0	0	10	47	+ 4	+ 6	0.5	+ 0.4	6.7	8
	Nushki	000	0	0	27	02	98	02	0	552	70	0	0	0	9	42	79	000	0	0	09	09	98	02	0	563	62	0	0	9	0	0	34	58	—	—	0	—	3.8	4
	Dalbandin	000	0	0	05	02	98	02	0	516	70	0	0	0	9	32	81	000	0	0	05	02	97	02	0	497	50	0	0	9	0	0	29	46	+ 10	+ 10	0.2	— 0.2	2.8	4
Kalat	Kalat	000	0	0	31	03	98	00	0	487	58	0	0	0	9	23	63	000	0	0	18	05	98	00	0	544	38	0	0	9	0	0	18	34	+ 2	+ 5	0.2	+ 0.1	13.1	7
Afgha-nistan	Panjgur	000	0	0	23	02	98	02	0	513	74	0	0	0	9	32	76	000	0	0	05	02	98	02	0	502	50	0	0	9	0	0	34	47	+ 5	+ 6	0.2	—	5.2	8
	Kabul																																							12
	Kandhar																																							

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 24th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_lhC_MC_H$	D_aV_a a PP	8 $N_sC_hh_s$	OT,$T_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rakaia	53 043	613 00	8 00 00	97 1 62	092 79	45 4 2x	75 5 10	...	05 6 74	10 0 00
President	33 230	644 12	1 02 04	98 0 22	146 79	11 3 00	56 6 10	...	00 9 67	...
President	53 220	628 18	0 08 09	99 0 20	159 76	00 9 00	56 2 03	...	05 4 66	10 8 20
BAY OF BENGAL										
Molenkerk	53 204	980 18	0 31 05	98 0 10	144 75	00 9 00	55 6 02	...	05 6 75	13 1 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
						HHHTTTT$_d$T$_d$T$_d$						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 255 192	...	...	150 138 082	..	314 065 999	439 510 999	582 595 999	750 728 999	946 848	229 505	...	...
Jiwani ...														
Karachi ...	00 00	012 192 115	124 252 202	...	150 155 538	...	313 082 999	439 015 999	583 575 999	755 660 999	964 830	237 022	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 185 182	...	...	...	...	...	...	...	...	900 185 082	...	...
Jiwani ...													
Karachi ...	00 00	900 192 022	...	...	...	...	...	...	...	...	900 192 022	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 03	29 02	28 03	30 06	27 07	92 20	...	...	...	03 06	03 05	02 03	32 03	23 01	...	34 06	33 05	31 04	92 02	11 03	26 08	27 23	27 46	27 50	...	...
Chaklala ...	...	06 06	30 04	31 02	01 03	36 06	31 13	33 33	32 33	...	09 02	31 02	33 07	35 05	31 10	...	08 02	04 03	31 08	29 03	31 11	31 18	30 27	31 28	31 38	...
Chhor ...	28 04	33 03	33 02	31 02	27 06	29 12	29 17	30 19	30 35	25 10	26 10	24 08	21 08	20 07	01 15	25 06	21 06	21 06	21 03	08 04	30 07	30 08	30 13	30 23	31 40	31 45
Chittagong ...	29 08	30 03	35 01	10 04	24 04	25 23	...	...	...	02 10	02 11	01 07	34 15	25 06	24 25	02 07	03 09	35 03	21 02	27 03	25 19	25 31	25 37	26 39	25 58	30 51
Cox's Bazar ...	30 06	28 03	13 02	11 08	25 09	...	...	...	...	38 14	35 10	35 05	31 05	33 03	...	35 07	92 05	09 04	23 04	22 08	23 08	22 49	22 36	22 49	...	...
Dacca ...	31 04	32 04	32 05	31 01	31 05	33 08	29 09	...	...	35 12	33 06	31 05	21 04	27 05	26 17	36 05	36 04	34 04	29 05	27 04	26 07	26 20	26 27	26 31	...	...
Dalbandin ...	...	...	16 03	21 05	28 11	30 21	30 25	30 36	29 63	...	...	17 02	21 12	22 09	21 07	...	...	...	18 06	18 16	19 13	24 14	24 17	25 21	26 23	28 28	28 72
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 03	01 05	01 04	33 05	35 17	...	...	...	23 03	19 06	24 09	...	...	...	...	07 03	08 11	01 21	36 37	35 42	...	...
Fort Sandeman ...	...	...	...	03 01	27 04	31 12	32 14	32 29	31 36	...	...	...	22 04	28 06	30 05	...	...	...	20 04	29 07	24 07	27 11	29 17	30 23	...	...
Hyderabad ...	06 02	23 02	25 04	29 08	32 13	29 16	30 13	31 19	30 22	31 08	20 02	22 11	23 11	24 06	27 05	13 04	19 04	22 04	26 06	22 06	27 09	28 11	28 11	27 22	27 29	...
Jacobabad ...	30 04	31 05	31 05	30 06	30 07	...	...	...	...	34 13	33 09	34 03	32 13	29 03	26 17	34 06	28 03	29 03	32 10	26 06	27 21	26 28	27 33	26 44	...	...
Jhelum ...	29 03	29 07	29 09	30 09	31 11	34 10	32 15	32 25	31 51	33 05	33 10	32 10	31 12	32 08	31 17	02 03	31 07	30 09	30 11	31 08	31 14	31 18	31 23	32 25	32 35	...
Jiwani ...	20 07	18 06	13 07	13 06	18 06	32 08	31 09	26 13	29 36	19 04	19 04	18 04	19 05	27 10	...	29 03	23 05	24 06	26 10	26 13	28 19	30 21	29 22	27 28	28 31	...
Karachi ...	24 08	25 06	27 04	02 04	12 04	32 12	28 07	28 18	30 17	26 07	25 10	24 08	20 08	20 05	23 12	28 19	30 20	29 19	...	...	...	...	...	...	...	...
Khanpur ...	24 06	24 09	24 11	24 11	23 10	27 13	30 17	30 24	31 37	13 14	22 02	26 02	25 13	25 23	24 22	19 04	25 07	25 09	28 10	29 04	23 04	28 13	32 25	32 25	...	...
Lahore ...	28 05	29 07	30 12	30 08	30 10	32 14	32 17	32 25	31 48	31 05	32 12	32 10	31 08	32 12	31 11	30 01	27 05	29 06	30 09	31 12	33 17	32 12	32 17	33 21	32 39	31 37
Multan ...	15 06	17 06	18 07	25 08	28 11	32 14	32 19	31 27	30 38	15 10	15 04	24 08	26 07	31 04	29 11	14 04	14 05	14 06	24 07	23 05	27 09	31 19	31 26	31 27	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 09	23 10	25 06	30 09	30 13	30 28	...	...	...	23 13	25 08	28 12	...	...	...	31 15	22 17	27 18	27 11	23 15	26 21	29 26	28 54
Peshawar ...	...	03 01	21 01	01 05	29 04	26 09	31 29	32 23	33 31	...	35 03	35 03	32 07	03 05	03 11	...	07 01	27 01	33 04	29 03	28 11	26 05	30 19	30 29	...	...
Quetta ...	...	...	...	33 04	32 06	31 09	29 14	31 21	...	...	...	...	...	01 02	03 03	...	...	...	...	24 01	21 07	26 11	26 16	27 34	28 57	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	20 02	19 01	15 01	17 02	29 03	...	...	...	...	08 05	08 02	09 03	22 03	15 01	25 15	05 02	13 02	12 02	11 01	06 02	21 06	25 24	25 37	25 44	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in 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	10.9	12.0	14.1	16.2	18.8	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	02 05	01 06	34 06	33 35	26 17	26 25	26 35	28 64	75 82	26 73	31 62	29 56	29 76	...	...	...	...	...
Karachi ...	31 10	29 08	02 07	20 05	19 03	29 09	31 13	31 07	30 20	30 30	...	...	...	...	...	...	...	...
Peshawar ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	MISDA																	

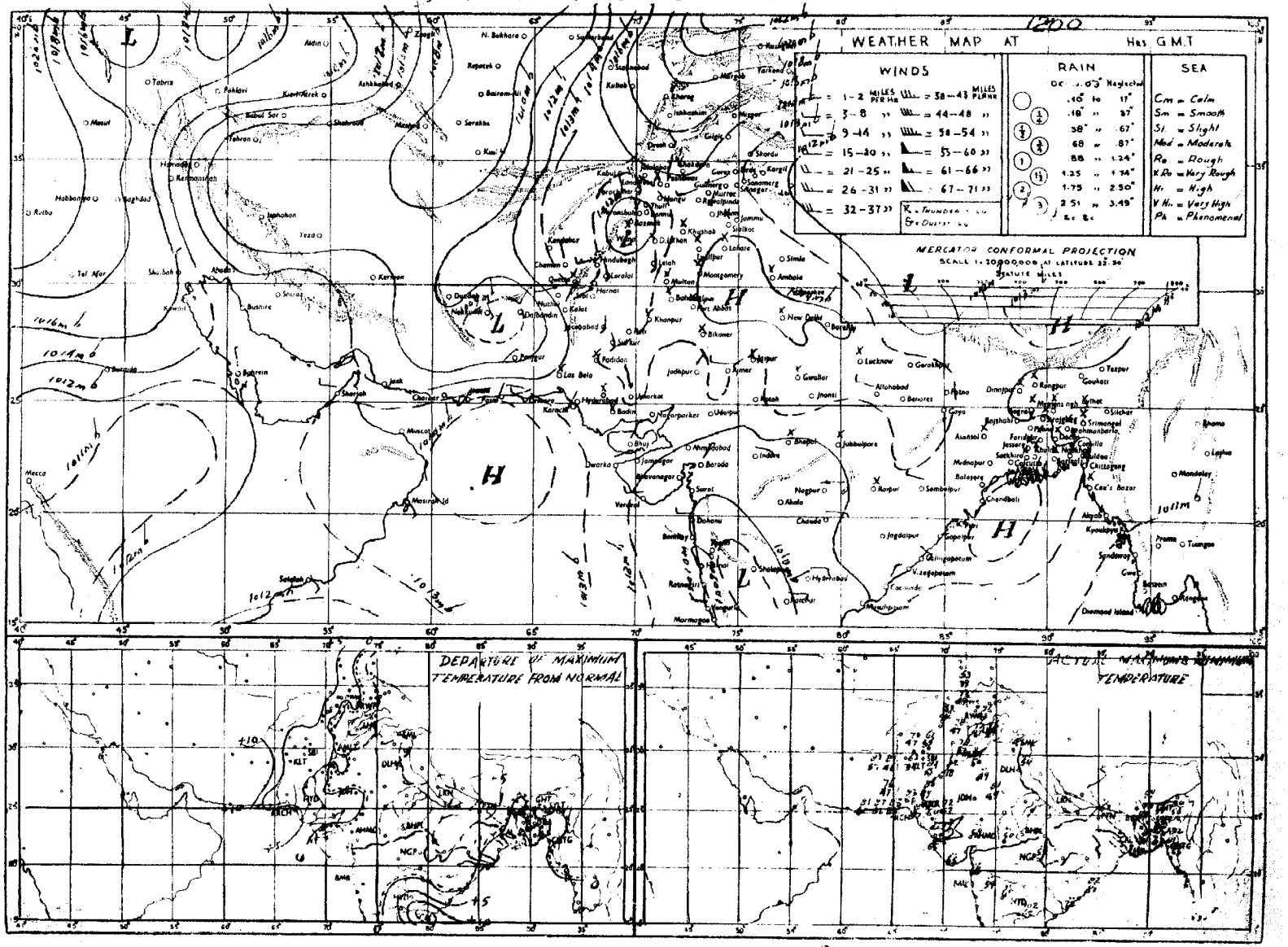
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

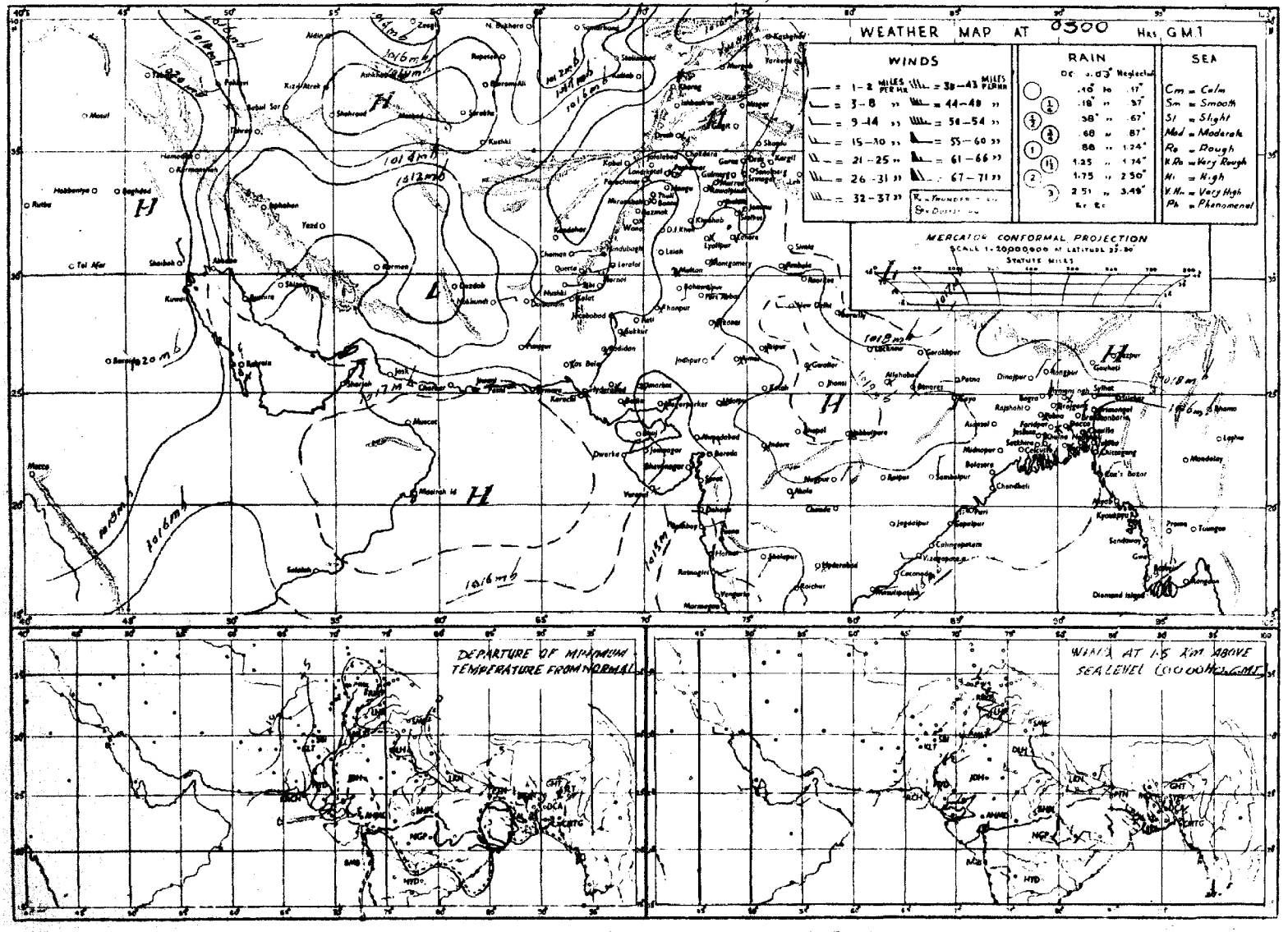
THURSDAY, 23rd NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 24th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 25th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is moving across north of Kashmir.

The western disturbance over central Iran now lies over Afghanistan with its associated trough extending to Kalat division.

Weather remained mainly dry over the country.

Night temperatures were 8 to 15°F above normal in Quetta and Kalat divisions, 4 to 8°F so elsewhere over West Pakistan outside Rawalpindi division and 3—6°F below normal in East Pakistan.

Forecast valid until the evening of 26th November, 1961:—Rain/thundershowers will be fairly widespread in Quetta, D. I. Khan and Peshawar divisions, local in Rawalpindi division and Kashmir and scattered in Kalat, Multan, Sargodha and Lahore divisions.

Karachi-11
The 25th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Kangamati	000	0	9	27	02	xx	00	0	136	74	9	x	0	x	x	61	82	000	0	2	31	02	98	02	4	177	69	2	2	5	0	0	61	61	—	—	0.1	—	155.6	—
	Cox's Bazar	000	0	0	34	05	xx	02	0	126	73	0	0	6	0	0	61	82	000	0	1	02	03	97	01	0	161	79	1	1	6	0	0	59	73	— 2	— 2.1	0.9	— 2.1	186.7	140
	Chittagong	000	0	0	00	00	xx	00	0	131	72	0	0	9	0	0	55	82	000	0	1	05	02	96	01	1	165	xx	1	0	9	0	1	60	59	— 0	— 4	0.1	— 1.9	170.7	108
	Maidee Court	000	9	0	27	02	xx	10	0	130	72	0	0	9	0	0	59	80	000	9	0	27	05	97	00	0	169	70	0	0	9	0	0	59	58	— 2	— 6	0	— 1.4	124.5	115
	Comilla	000	0	0	00	00	xx	02	0	119	70	0	0	9	0	0	63	82	000	0	0	00	00	97	02	0	153	70	0	0	9	0	0	60	57	— 1	— 4	0	— 1.2	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	03	1	133	71	0	0	9	0	0	61	80	000	0	0	00	00	97	00	0	171	69	0	0	9	0	0	61	59	—	—	0	— 1.0	65.4	78
	Sylhet	000	0	1	00	00	xx	02	0	127	70	1	1	6	0	0	58	80	000	0	1	00	00	96	02	0	161	69	0	1	5	0	0	61	55	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	62	0	0	9	0	0	50	82	000	0	0	00	00	96	00	0	xxx	72	0	0	9	0	0	62	40	— 3	— 17	1.0	— 0.4	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	140	72	0	0	9	0	0	59	80	000	0	0	00	00	97	00	0	173	66	x	x	x	x	x	61	56	— 1	— 7	0.3	— 0.6	62.1	91
	Narayanganj	000	0	0	00	00	xx	05	0	134	73	0	0	9	0	0	61	82	000	0	1	00	00	96	03	4	170	70	1	5	5	0	0	61	60	0	— 4	0.3	— 0.7	62.9	74
	Dacca (Tezgaon)	000	0	0	00	00	96	01	0	131	70	0	0	9	0	0	58	80	000	0	0	31	02	97	02	0	160	68	0	0	9	0	0	61	54	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	126	73	0	0	9	0	0	60	78	000	0	0	05	02	97	05	0	178	71	0	0	9	0	0	63	59	— 3	— 2	0	— 1.0	87.9	71
Khulna	Barisal	000	0	0	00	00	96	02	1	132	74	0	0	9	0	0	59	81	000	0	0	36	01	97	02	1	170	70	0	0	9	0	0	62	60	— 1	— 3	0	— 1.5	76.5	81
	Khulna	000	0	0	00	00	xx	01	0	135	71	0	0	9	0	0	57	81	000	0	0	00	00	97	00	0	176	72	0	0	9	0	0	61	57	— 1	— 1	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	139	74	0	0	9	0	0	62	80	000	0	0	00	00	97	00	0	179	69	0	0	9	0	0	65	55	— 4	— 1	0	— 0.7	62.2	65
	Jessore	000	0	0	36	02	97	00	0	136	71	0	0	9	0	0	61	8	000	0	0	21	02	97	00	0	176	67	0	0	9	0	0	57	53	— 0	— 8	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	134	70	0	0	9	0	0	59	81	000	0	0	31	02	98	02	0	172	68	0	0	9	0	0	58	59	—	—	0		55.6	59
	Sirajganj	000	0	0	00	00	xx	00	1	130	69	0	0	9	0	0	59	79	000	0	0	31	02	97	00	0	168	69	0	0	9	0	0	61	57	— 2	— 4	0.7	0	50.0	64
	Bogra	000	0	2	00	00	xx	03	0	135	73	2	4	6	0	0	61	80	000	0	0	05	02	96	00	4	167	67	0	0	9	0	0	59	59	— 1	— 5	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	140	72	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	176	71	0	0	9	0	0	53	54	— 1	— 5	0	— 0.4	51.7	72
	Rangpur	000	0	1	00	00	xx	01	0	145	69	1	0	9	1	0	61	79	000	0	0	09	02	96	01	0	179	65	0	0	9	0	0	56	56	— 2	— 4	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	03	0	155	65	0	0	9	0	1	54	78	000	9	6	00	00	96	03	2	181	55	6	0	9	7	0	47	51	— 2	— 6	0	— 0.1	51.1	19
	Sialkot	000	0	0	00	00	97	00	0	151	69	0	0	9	0	0	55	73	000	0	0	00	00	97	00	0	161	59	0	0	9	0	0	51	51	— 4	— 4	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	000	0	2	00	00	97	03	0	155	67	0	0	9	0	1	55	76	000	9	6	00	00	95	05	1	178	52	6	0	9	7	0	49	48	—	—	0.7	—	35.5	—
	Rawalpindi	000	0	1	00	00	98	03	1	153	67	0	0	9	0	0	54	73	000	0	1	20	01	97	00	2	188	50	7	5	7	0	0	47	43	— 1	+ 1	1.4	+ 1.2	53.6	36
	Campbellpur	000	0	0	13	02	98	00	0	142	70	0	0	9	0	0	45	73	000	0	0	04	02	98	03	2	180	50	0	0	9	0	0	46	47	—	—	0.5	—	12.3	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	137	75	0	0	9	0	0	49	79	000	0	0	00	00	99	03	1	173	48	0	0	9	7	0	48	47	— 1	0	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	152	70	0	0	9	0	0	52	71	000	0	0	00	00	96	02	0	164	47	0	0	9	0	0	48	51	— 7	+ 5	0	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	153	71	0	0	9	0	0	55	80	000	0	6	13	03	96	03	2	175	58	0	0	9	0	0	48	54	0	+ 5	0	0	10.4	10
	Multan	000	0	2	00	00	98	03	0	140	77	0	0	9	0	1	59	81	000	0	7	02	01	97	03	1	160	58	3	5	6	5	2	48	55	+ 1	+ 6	0	0	7.5	7
	Leiah	000	0	2	07	02	97	00	0	032	73	0	0	9	0	4	46	79	000	0	5	36	02	97	02	2	165	57	0	0	9	0	4	40	45	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	132	78	0	0	9	0	0	54	86	000	0	8	00	00	96	03	2	161	58	8	0	9	7	0	52	51	+ 3	+ 2	0	0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	142	82	0	0	9	0	0	63	84	000	0	0	00	00	98	00	0	174	55	0	0	9	0	0	49	53	0	+ 5	0	0	4.9	6
	Fort Abbas	000	0	0	02	02	98	00	0	145	78	0	0	9	0	0	54	85	000	0	0	13	02	98	00	0	169	56	0	0	9	0	0	38	51	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	148	61	0	0	9	0	0	46	69	000	0	3	00	00	97	03	0	176	48	3	0	9	4	0	42	41	—	—	1.7	—	27.0	—
	Peshawar	000	0	4	00	00	97	00	1	140	64	0	0	9	0	0	44	72	000	0	7	03	00	96	02	2	179	52	3	5	6	7	0	46	50	— 1	+ 4	1.0	— 0.8	18.8	11
	Haripur	000	0	4	13	02	97	00	0	144	65	0	0	9	0	0	45	72	000	0	8	23	02	97	03	2	175	51	8	0	9	7	0	43	48	—	—	1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	94	02	0	134	71	0	0	9	0	0	49	72	000	0	8	00	00	98	02	0	168	54	0	0	9	8	0	48	49	—	—	0.5	—	14.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	132	74	0	0	9	0	0	55	78	000	3	6	00	00	98	01	1	170	55	0	0	9	8	6	51	50	— 1	+ 4	0	— 0.1	7.7	9
Quetta	Sibi	000	0	2	88	02	98	01	1	130	81	0	0	9	4	0	48	85	000	3	7	31	02	97	03	2	146	59	7	7	6	0	0	46	53	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	3	11	05	98	03	1	079	80	3	0	0	9	2	0	43	83	000	9	8	34	05	97	03	2	148	64	8	0	9	4	0	45	44	—	—	0	—	1.0	2
	Turbat	000	0	3	27	04	98	00	0	131	83	0	0	9	0	0	56	85	000	0	6	18	01	98	02	2	136	71	0	0	9	0	0	65	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	2	18	07	97	01	1	144	77	1	5	5	0	0	66	90	000	0	6	00	00	97	02	1	157	72	5	5	5	3	0	67	71	—	—	1.0	—	3.8	5
	Pasni	000	0	4	20	08	98	01	1	139	78	0	0	9	0	2	64	83	000	0	3	29	01	97	02	1	156	69	0	0	9	4	3	63	63	+ 1	+ 6	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	2	27	05	96	03	1	141	78	2	0	9	0	1	65	80	000	0	2	29	03	96	03	1	154	75	2	1	6	0	0	67	66	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	116	88	0	0	9	0	0	67	91																							8
	Karachi (Manora)	000	0	2	13	12	98	01	1	139	84	0	0	9	0	0	75	87	000	0	4	27	12	98	10	1	155	77	4	6	4	0	0	66	70	+ 5	+ 6	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	1	27	07	96	02	0	141	82	0	0	9	0	1	38	87	000	0	2	36	02	96	03	0	160	64	2	2	4	0	0	58	59	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	110	85	0	0	9	0	0	67	89	000	0	0	00	00	97	00	0	126	72	0	0	9	0	0	52	52	—	—	0	—	27.3	—
	Umerkot	000	0	0	25	01	98	02	0	133	85	0	0	9	0	0	52	92	000	0	0	18	01	97	02	0	155	63	0	0	9	0	0	50	54	—	—	0	—	18.1	—
	Hyderabad	000	0	0	23	05	97	02	0	128	85	0	0	9	0	0	33	90	000	0	1	23	05	97	03	0	158	67	0	0	8	0	1	63	62	+ 5	+ 5	0	0	12.9	7
	Badin	000	0	0	00	00	97	00	0	135	82	0	0	9	0	0	45	94	000	0	0	00	00	97	00	0	177	63	0	0	9	0	0	61	63	+ 7	+ 5	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	13	02	97	02	0	129	81	0	0	9	0	0	51	84	000	0	3	13	02	97	03	0	145	59	0	0	9	0	0	47	47	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	01	0	132	87	0	0	9	0	0	48	89	000	0	1	00	00	97	01	0	158	62	0	0	9	0	0	57	59	—	—	0	—	9.3	—
	Sukkur	000	0	0	13	02	97	02	0	126	82	0	0	9	0	0	57	88	000	0	4	02	03	95	03	1	144	64	0	0	9	0	0	51	61	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	134	84	0	0	9	0	0	48	84	000	0	6	05	03	99	00	0	173	83	0	0	9	0	0	48	48	—	—	0	—	1.8	—
	Jacobabad	000	0	0	13	02	97	02	0	131	81	0	0	9	0	0	48	86	000	0	6	13	02	96	03	2	145	60	6	0	9	9	5	0	48	57	+ 4	+ 5	0	0	8.3	4
Saurashtra	Veraval																																							20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							4
	Kuwait																																							5
	HILL STATIONS																																							
Kashmir	Srinagar *																																							26
	Gulmarg **																																							74
	Sonamarg **																																							26
	Oras **																																							3
	Leh *																																							6
	Skardu *																																							—
	Misgar **																																							5
	Aliabad *																																							
	Gilgit *																																							
Rawalpindi	Murree *	000	9	5	27	02	98	02	1	520	45	0	0	9	8	0	32	56	000	9	0	13	02	97	03	1	526	43	8	5	4	x	x	27	40	+ 2	0	1.3	— 0.7	70.6	59
Peshawar	Drosh *	000	0	0	05	02	96	02	0	507	56	0	0	9	0	0	16	67	000	8	7	00	00	96	03	2	518	46	5	3	7	3	0	25	40	+ 5	— 2	0.9	—	23.9	18
	Chitral *	000	0	0	31	07	98	00	0	514	56	0	0	9	0	0	47	65	000	9	7	13	05	98	03	1	xxx	51	8	7	6	0	0	41	45	+ 2	— 2	1.5	+ 1.3	35.0	29
	Kakul	000	6	1	16	05	98	01	1	513	57	0	0	9	0	0	47	65	000	0	7	05	02	97	03	1	521	49	7	5	7	0	1	39	46	—	—	2.8	—	39.7	—
	Landikotal *	000	0	2	00	00	98	03	0	497	60	0	0	9	0	3	40	65	000	0	8	00	00	97	02	2	498	48	8	1	9	7	x	42	37	—	—	0.6	—	13.7	—
	Parachinar *	000	0	2	13	01	99	00	0	512	58	2	0	9	2	0	28	65	000	0	8	00	00	98	05	2	519	45	8	1	8	0	0	38	45	+ 4	+ 8	0.4	—	29.6	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	509	66	0	0	9	0	0	43	69	000	0	6	00	00	98	02	3	500	50	6	0	9	9	3	0	39	41	—	—	0.1	+ 0.1	7.8	13
	Wana *	000	0	4	00	00	99	00	1	518	62	4	1	9	0	0	31	66	000	0	0	00	00	99	00	0	517	44	0	0	9	0	0	32	35	—	—	0.9	—	11.8	11
Quetta	Fort Sandeman *	000	0	6	25	02	99	03	0	511	67	6	0	8	3	0	15	72	000	0	5	00	00	98	03	0	520	47	5	0	8	3	0	33	44	+ 5	+ 7	0	0	11.3	11
	Hindubagh *	000	0	0	09	05	97	00	0	469	64	0	0	9	0	0	27	68	000	0	8	27	01	97	03	0	515	41	0	0	7	8	0	26	28	—	—	0.1	—	5.9	—
	Loralai *	000	0	6	16	03	99	01	0	367	65	0	0	9	0	2	41	64	000	0	7	00	00	98	02	2	361	50	0	0	4	8	2	16	41	—	—	0	—	5.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	6	8	27	02	95	21	6	xxx	xx	7	3	4	3	6	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta *	000	0	0	09	00	96	00	0	515	65	0	0	9	0	0	50	68	000	0	8	20	02	96	03	0	506	50	0	0	5	0	0	42	44	+ 7	+ 11	0.4	+ 0.3	6.7	9
	Chaman *	000	0	6	27	05	98	02	1	484	68	7	0	9	2	0	25	71	000	0	8	18	07	98	02	1	497	62	8	2	5	0	0	23	56	+ 5	+ 15	0.5	+ 0.4	6.7	8
	Nushki *	000	3	3	23	13	98	03	0	534	75	3	0	9	2	0	43	79	000	0	8	13	13	97	03	0	558	64	8	6	9	0	0	49	60	+ 8	+ 19	0	—	3.8	—
	Dalbandin *	000	0	3	03	09	95	05	0	506	77	2	0	9	3	1	33	79	000	9	7	00	00	96	03	1	493	57	7	0	9	0	0	42	55	+ 8	+ 19	0.2	— 0.2	2.8	4
Makran	Kalat *	000	0	0	23	05	98	00	0	477	59	0	0	9	0	0	35	62	000	9	7	18	02	98	02	0	523	45	7	0	9	4	0	32	37	+ 1	+ 8	0.2	+ 0.1	13.1	7
Afghanistan	Panjgur *	000	0	3	23	09	98	03	0	514	73	0	0	9	0	0	37	76	000	0	5	05	02	98	03	2	510	59	0	0	9	5	0	56	49	+ 5	+ 8	0.2	—	5.2	5
	Kabul *																																							42
	Kandhar *																																							

† Given in Code.

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

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

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

Whenever 999 log item or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sC_sh_sh_s$	$OT_aT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Presedent	63 209	612 00	4 02 06	97 0 30	159 76	41 3 00	56 4 00	...	05 3 66	...
Alshadi	63 219	684 00	0 02 05	99 0 20	07x 78	79 x xx	...	...	...	...
Venassa	63 248	580 06	2 32 05	98 0 20	173 78	11 5 30	76 2 22	...	05 2 69	...
President	63 202	601 06	3 08 08	98 0 20	173 78	31 3 00	56 2 17	...	05 2 67	10 8 21
President	63 091	588 12	5 09 03	98 0 21	159 80	51 3 00	56 6 14	...	00 0 66	...
Atlle	63 233	591 12	3 13 10	99 0 20	156 79	12 5 08	34 7 10	...	05 2 68	11 3 20
Rakeis	63 102	541 12	4 05 09	98 0 21	119 84	41 4 00	15 7 12	...	00 1 71	10 5 32
Prosedent	63 183	576 18	2 09 05	98 0 20	166 77	21 3 00	56 2 10	...	05 3 64	10 9 20
Dioaska	63 249	638 18	5 26 04	99 0 31	171 77	51 6 00	25 1 03	...	05 1 70	12 5 21
BAY OF BENGAL										
S.S. MUSTALI	63 140	866 18	3 06 03	99 0 11	153 77	31 6 01	54 x xx	...	...	...
S.S MULENKAR	62 191	883 00	1 36 05	98 0 10	142 76	11 4 00	55 2 07	...	05 3 58	13 4 21
S.S MULENKAR	63 176	875 06	2 01 16	98 0 20	159 81	21 4 00	55 6 02	...	04 0 62	10 2 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
					HHHTTTTdTdTd						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	137 210 160	...	...	153 122 038	...	314 035 215	429 012 999	584 580 xxx	754 670 xxx	964 810	239 995	422 148	664 260
Dacca ...														
Jiwani ...	00 00	012 152 135	120 195 999	...	150 152 999	...	312 075 999	438 020 999	...	...	...	...	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...														
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...														
Quetta ...		831 135 008	...	...	...	...	308 555 999	428 590 999	567 645 999	737 665 999	946 020	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 152 085	832 105 025	800 102 585	777 105 668	743 102 742	...	...	...	...	743 102 742	...	...
Dacca ...													
Jiwani ...	00 00	MISDA	...	...	...	...	...	...	...	...	600 020 999	...	...
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...													
Multan ...	00 00	820 085 502	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...		...	800 082 532	740 000 999	...	...	...	...	...	...	740 000 999	...	...
Quetta ...													

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	26 08	27 05	29 03	01 04	10 07	31 07	27 13	...	...	01 15	02 14	02 15	01 15	...	...	01 06	05 04	05 04	03 10	02 10	03 18	...	...	...	...	...
Chaklala ...	...	19 05	16 05	09 04	18 03	31 03	31 05	31 10	30 17	...	05 06	05 03	02 01	09 02	...	...	09 05	12 08	16 07	17 08	18 09	21 19	...	...	...	...
Chhor ...	25 05	21 06	25 06	21 07	18 07	28 06	31 08	28 12	29 21	25 17	23 13	20 12	18 15	22 14	28 13	23 15	22 16	22 17	21 20	26 20	28 22	30 16	28 24	27 26	28 36	...
Chittagong ...	31 12	31 11	36 07	05 07	11 04	23 07	...	...	...	01 13	36 10	33 07	27 03	24 12	25 21	34 03	34 06	34 08	32 07	29 10	26 12	...	...	...	...	...
Cox's Bazar ...	34 09	35 12	36 09	16 01	30 13	...	...	...	...	01 15	01 14	34 11	32 09	23 16	25 21	34 06	34 07	32 05	26 07	26 13	26 27	27 32	32 51	...	...	...
Dacca ...	30 09	30 04	30 03	20 04	12 04	25 08	26 15	27 26	...	33 04	34 05	34 06	36 07	33 05	35 06	34 06	35 04	36 04	03 06	03 13	xx xx	33 28	32 26	xx xx	32 60	32 78
Dalbandin ...	...	...	20 12	22 09	23 11	25 15	26 24	27 33	27 40	...	...	26 04	27 17	25 19	26 30	...	...	25 08	28 20	29 15	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 11	03 18	36 19	33 25	...	...	...	...	23 01	24 01	25 02	...	...	...	...	08 02	21 04	...	...	...	...	...
Fort Sandeman ...	...	...	22 07	21 05	26 11	26 14	26 16	28 25	...	...	...	...	08 04	21 09	25 09	...	...	...	01 03	20 14	22 18	...	...	...	...	...
Jacobabad ...	13 02	17 04	19 05	22 13	22 16	22 14	26 14	26 18	28 23	12 05	17 06	19 13	20 17	22 11	28 24	16 03	19 05	20 06	22 01	23 12	26 21	26 29	26 38	...	...	...
Jessore ...	28 08	30 08	31 06	32 07	32 05	28 17	28 23	...	...	36 15	36 08	36 08	35 07	33 10	34 10	36 05	35 07	35 06	35 10	03 07	...	...	...	...	...	...
Jhelum ...	12 01	22 01	28 05	32 05	29 06	31 09	32 12	31 12	32 18	05 02	03 03	33 03	24 03	24 06	24 07	09 02	14 04	21 03	19 04	19 07	22 06	23 26	23 25	...	...	...
Jiwani ...	22 07	23 07	23 09	30 16	29 23	27 20	27 25	27 40	...	25 13	26 15	28 15	...	...	...	26 07	26 15	27 20	30 27	29 25	...	...	...	...	...	...
Karachi ...	27 12	27 12	24 12	25 10	29 13	31 14	28 15	28 16	29 25	...	...	...	...	...	...	26 09	28 10	29 16	26 19	...	...	...	...	...	...	...
Khanpur ...	28 04	20 03	22 08	23 11	23 05	28 13	21 18	32 12	...	27 10	25 17	25 21	24 23	24 29	...	26 10	22 15	21 15	20 17	20 10	26 15	27 33	...	...	...	...
Lahore ...	24 04	25 06	28 05	29 06	32 06	32 08	31 12	31 17	...	09 07	05 04	03 04	30 03	27 07	28 07	17 07	17 07	17 07	21 06	26 10	23 06	24 21	25 23	24 26	...	...
Multan ...	15 06	16 06	16 06	23 11	24 13	24 12	24 14	26 21	31 25	17 04	31 01	20 04	21 11	25 15	24 13	28 05	21 02	23 07	23 19	...	...	...	...	...	...	...
Mussee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 14	25 15	28 25	29 24	28 31	...	...	...	...	24 21	27 21	28 23	...	...	...	27 12	32 15	27 27	...	...	...	...	...
Peshawar ...	...	06 05	07 03	16 09	20 05	21 09	23 07	26 13	26 18	...	27 01	28 02	33 01	...	...	...	33 06	19 03	17 11	17 09	17 13	...	...	...	...	...
Quetta ...	...	...	...	...	21 02	22 08	24 12	26 16	28 19	...	...	...	...	31 02	28 06	...	...	...	...	20 10	24 17	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	27 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	23 02	26 03	28 03	13 03	12 03	...	...	...	...	07 07	14 03	10 05	11 09	12 07	17 02	17 03	14 02	14 02	07 07	05 15	02 07	32 12	32 23	33 02	31 36	...
Varsval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	29 04	31 05	29 07	29 07														
Karachi ...	26 15	26 17	26 18	28 21	28 29	28 43	28 47	28 53	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

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

Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 756 32 912

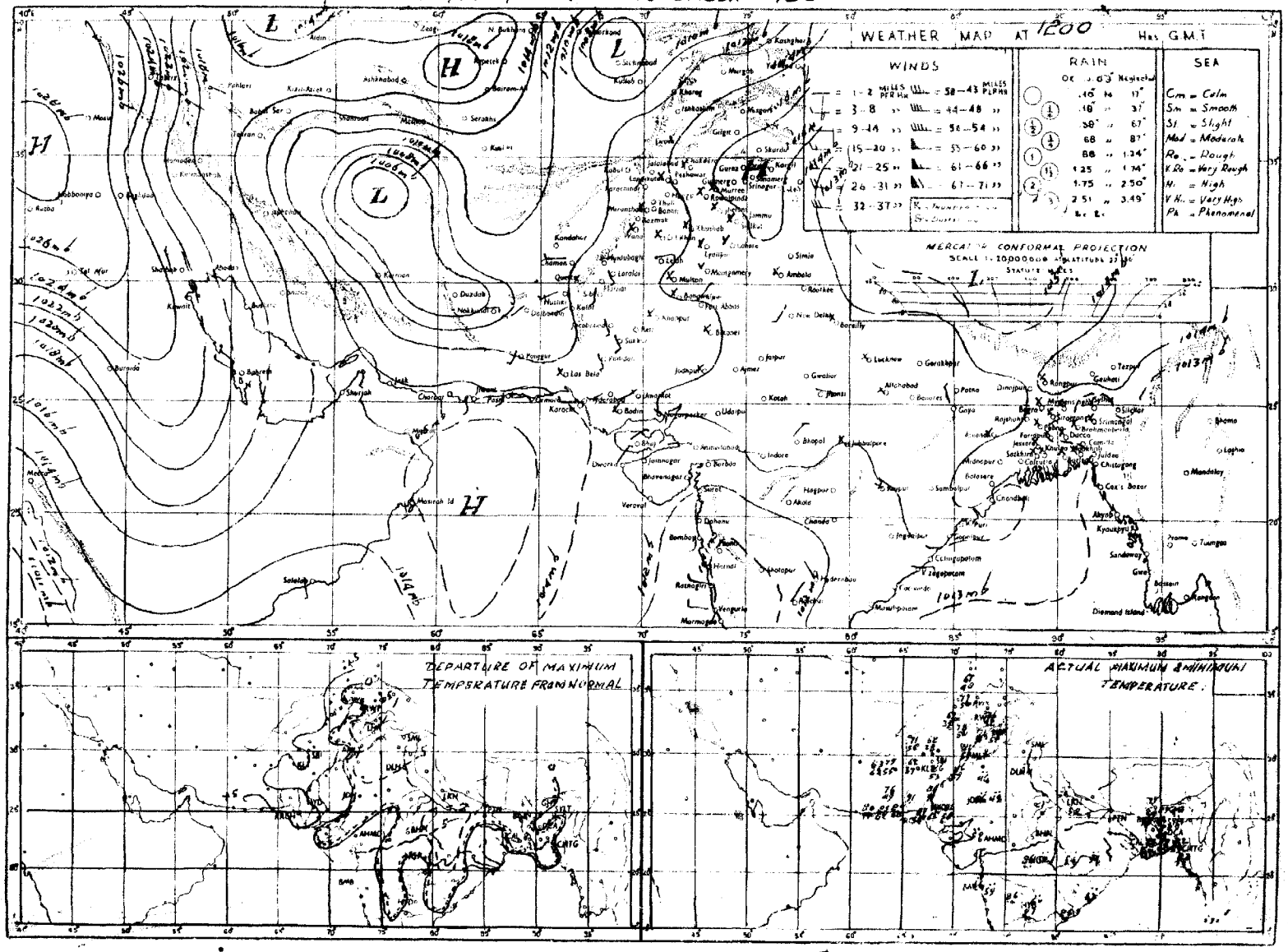
05 712 32 935

05 675 32 920

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

PAKISTAN DAILY WEATHER MAP

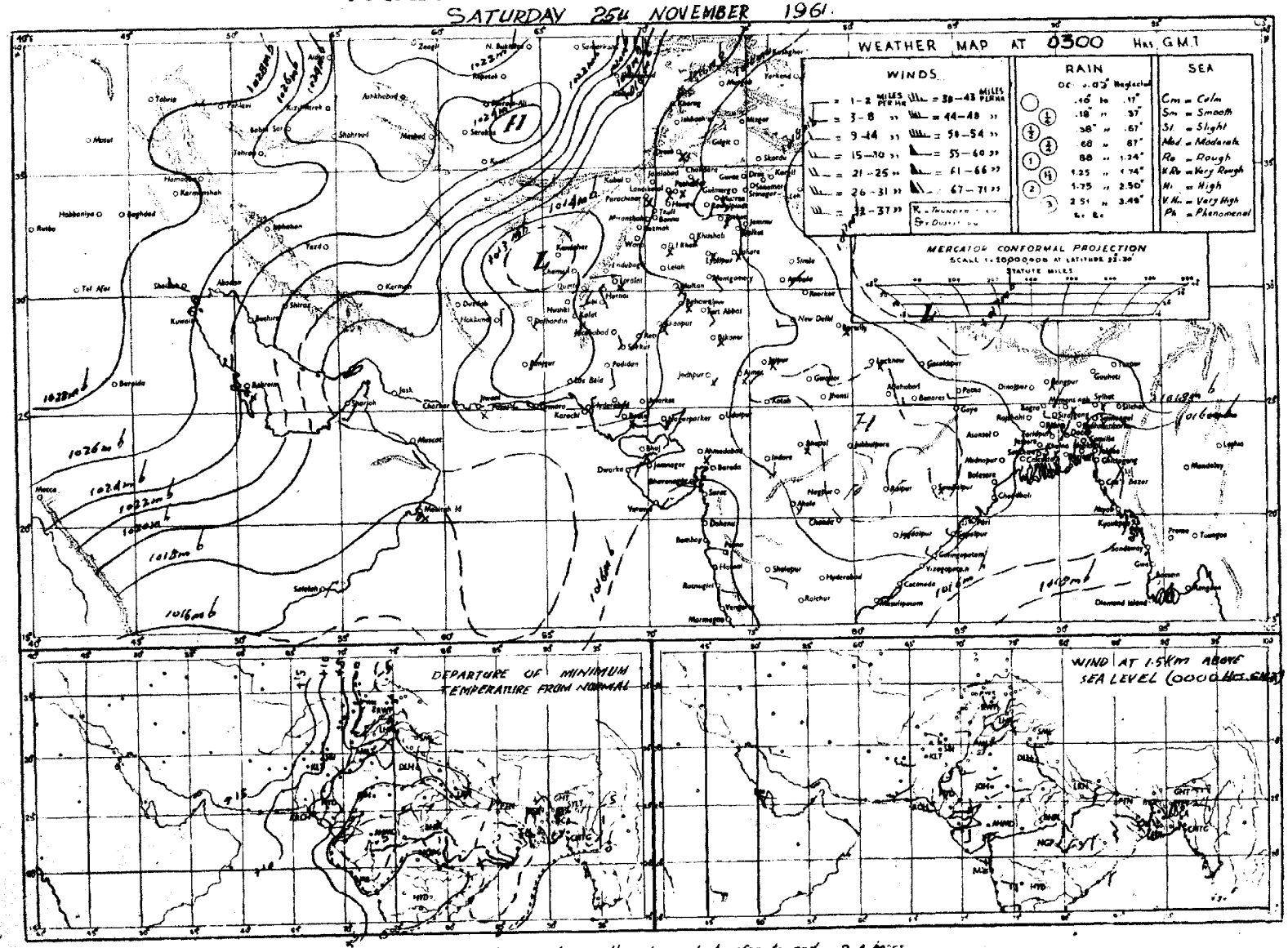
FRIDAY 24th NOVEMBER 1961.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 25th NOVEMBER 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 26th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Afghanistan now lies over Sargodha divisicn and adjoining areas with its associated through extending to Rajasthan.

A fresh western disturbance is moving across East Russian Turkistan and has induced a secondary over D. I. Khan division and neighbourhood.

Fairly widespread rain/thundershowers have occured in Peshawar division and scattered in Rawalpindi division and scattered light rain/drizzle in D. I. Khan and Quetta divisions.

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

Night temperatures were 5—10°F above normal practically over the whole of West Pakistan and were 3—5°F below normal in Chittagong and Rajshahi divisions.

Forecast valid until the evening of 27th November, 1961:—Fairly widespread rain/thundershowers will occur in Rawalpindi division and Kashmir, local in Peshawar, Sargodha and Lahore divisions and scattered in D. I. Khan and Multan divisions.

Karachi-11
The 26th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	00	0	138	71	9	x	0	x	x	59	79
	Cox's Bazar	000	0	1	37	05	xx	04	0	125	71	1	0	9	4	0	57	80
	Chittagong	000	0	0	00	00	xx	00	0	131	70	0	0	9	0	0	53	81
	Maijdee Court	030	9	0	00	00	xx	10	0	130	70	0	0	9	0	0	61	79
	Comilla	000	0	0	00	00	xx	02	0	121	70	0	0	9	0	0	60	81
	Brahmanbaria	000	0	0	00	00	xx	02	1	136	70	0	0	9	0	0	68	79
	Sylhet	000	0	1	27	02	xx	02	0	114	70	1	2	6	0	0	57	80
	Srimangal	000	0	0	00	00	xx	00	0	xxx	61	0	0	9	0	0	57	81
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	138	74	0	0	9	0	0	59	80
	Narayanganj	000	0	1	00	00	xx	03	0	133	73	1	5	5	0	0	58	82
	Dacca (Tejgaon)	000	0	1	31	02	97	02	0	129	69	1	0	9	4	0	59	79
	Faridpur	000	0	2	00	00	95	05	0	133	76	2	4	8	0	0	59	78
Khulna	Barisal	000	0	0	00	00	96	02	1	132	75	0	0	9	0	0	58	80
	Khulna	000	0	0	00	00	xx	00	0	135	72	0	0	9	0	0	57	81
	Satkhira	000	0	0	00	00	97	00	0	134	75	0	0	9	0	0	58	80
	Jessore	000	0	0	00	00	97	00	0	138	72	0	0	9	0	0	59	80
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	134	70	0	0	9	0	0	60	79
	Sirajganj	000	0	0	00	00	xx	00	0	123	70	0	0	9	0	0	60	80
	Bogra	000	0	0	00	00	xx	02	0	138	70	0	0	9	0	0	60	78
	Dinajpur	000	0	0	00	00	xx	00	0	135	77	0	0	9	0	0	57	81
	Rangpur	000	0	1	00	00	xx	01	0	146	69	1	0	9	1	0	61	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	7	00	00	96	01	2	146	67	5	0	9	7	2	52	73
	Sialkot	000	0	6	00	00	97	03	1	144	68	6	5	6	x	x	54	72
Rawalpindi	Jhelum	000	0	8	13	03	97	02	2	144	65	4	4	4		x	50	71
	Rawalpindi	000	0	8	00	00	97	03	2	147	62	8	5	6	0	0	51	66
	Campbellpur	000	9	8	00	00	96	03	2	145	60	0	0	9	0	0	53	67
Sargodha	Khushab	000	0	7	00	00	99	03	2	145	69	0	0	9	0	7	48	71
	Lyallpur	000	0	5	07	02	96	02	0	141	70	0	0	9	0	0	60	70
Multan	Montgomery	000	0	7	00	00	96	03	2	131	73	7	0	9	3	0	46	76
	Multan	000	0	7	00	00	97	03	1	125	70	2	5	6	5	3	52	73
	Leiah	000	0	6	36	02	97	03	2	134	75	0	0	9	5	0	44	78
Bahawalpur	Khanpur	000	0	7	05	02	96	02	0	107	74	7	0	9	7	0	55	82
	Bahawalpur	000	0	0	00	00	98	00	0	115	83	0	0	9	0	0	84	8x
	Fort Abbas	000	0	0	00	00	98	00	0	126	77	0	0	9	0	0	50	78
Peshawar	Chakdara																	
	Peshawar	005	2	8	36	03	96	61	6	164	55	5	5	6	2	x	52	58
	Haripur	000	4	8	23	05	95	03	2	144	61	8	6	6	0	0	50	65
D. I. Khan	Bannu	000	3	8	00	00	95	05	0	139	62	8	5	6	x	x	54	62
	D. I. Khan	000	0	7	00	00	98	03	2	127	68	0	0	9	2	0	55	71
Quetta	Sibi	000	6	4	00	00	97	01	2	113	77	4	2	6	0	0	39	81
Kalat	Nokkundi	000	0	0	34	13	97	07	2	147	68	0	0	9	0	0	50	74
	Turbat	000	0	0	27	05	98	00	2	110	95	0	0	9	0	0	61	88
	Jiwani	000	0	4	25	12	96	01	2	130	79	1	1	6	3	0	70	82
	Pasni	000	8	4	25	17	97	09	1	118	80	0	0	9	4	3	71	85
Karachi Division	Ormara	000	0	0	25	10	96	02	1	109	80	1	1	6	0	0	68	82
	Lasbela																	
	Karachi (Manora)	000	0	6	25	16	98	03	2	122	82	5	6	4	0	0	75	88
	Karachi (Airport)	000	0	5	23	09	96	02	1	122	79	6	5	5	0	0	68	83
Hyderabad	Nagarparkar	000	0	0	27	02	97	00	0	127	83	0	0	9	0	0	64	89
	Umarkot	000	0	0	20	05	98	02	0	112	84	0	0	9	0	0	59	87
	Hyderabad	000	0	3	20	07	97	02	0	111	81	2	0	7	2	1	65	86
	Badin	000	0	0	26	02	97	00	0	126	82	0	0	9	0	0	61	90
Khairpur	Padidan	000	0	3	31	02	97	03	0	106	81	3	0	9	1	0	48	86
	Nawabshah	000	0	3	00	00	97	03	0	102	96	1	0	9	3	1	52	88
	Sukkur	000	0	5	20	02	97	13	1	102	82	5	0	9	6	0	59	85
	Kashmore	000	0	0	00	00	99	00	0	106	80	0	0	9	0	0	44	84
	Jacobabad	000	0	6	23	02	97	02	2	118	80	6	0	9	5	0	51	81
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	8	11	09	96	03	2	502	42	8	5	4	x	x	28	47
Peshawar	Drosh *	011	3	8	00	00	97	03	2	xxx	62	8	5	6	0	0	51	66
	Cherat *	009	2	8	05	05	97	51	5	502	50	8	9	6	0	0	47	56
	Kakul *	000	8	8	36	03	96	52	2	503	52	9	7	6	x	x	xx	57
	Landikotal *	012	3	8	05	02	97	01	6	488	48	8	0	9	7	x	46	58
	Parachinar *	015	9	8	13	01	99	05	5	501	44	3	0	9	8	0	41	vx
D. I. Khan	Miranshah *	000	0	8	00	00	97	53	5	488	56	8	4	8	0	0	47	59
	Wana *	000	0	7	00	00	99	00	1	513	48	7	0	9	8	0	39	xx
Quetta	Fort Sandeman *	000	0	7	02	01	99	03	0	494	56	7	0	7	3	0	39	64
	Hindubagh *	000	0	8	27	03	96	00	0	477	51	8	8	5	0	0	43	54
	Loralai *	000	0	6	11	03	99	02	2	395	46	0	0	9	1	2	46	65
	Harnai *	000	9	8	09	01	96	21	6	xxx	xx	x	x	0	6	0	xx	xx
	Quetta *	000	0	8	31	02	96	02	2	514	54	8	8	5	0	0	46	58
	Chaman *	008	4	8	27	05	98	02	6	491	56	8	8	5	0	0	39	50
	Nushki *	000	0	9	31	19	96	03	0	553	63	9	6	6	0	0	41	69
	Dalbandin *	000	8	6	31	09	96	01	3	516	70	2	5	7	7	0	32	74
Kalat	Kalat *	000	0	0	34	07	98	03	2	473	53	0	0	8	3	2	37	58
	Panjgur *	000	0	0	36	07	98	03	1	509	67	3	5	6	0	0	42	72
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati																							
	Cox's Bazar	000	0	0	05	05	97	02	0	147	71	0	0	9	0	0	59	60	— 4	— 4	0.9	— 2.2	186.7	140
	Chittagong	000	0	1	05	05	95	01	1	155	70	1	0	9	0	1	52	57	— 1	— 5	0.1	— 1.9	170.7	108
	Maijdee Court	000	9	0	00	00	97	00	0	163	69	0	0	9	0	0	61	54	— 3	— 8	0	— 1.5	124.5	115
	Comilla	000	0	0	00	00	96	02	0	147	72	0	0	9	0	0	54	55	— 2	— 5	0	— 1.2	76.9	94
	Brahmanbaria	000	0	0	05	02	97	00	0	165	70	0	0	9	0	0	60	55	—	—	0	— 1.0	65.4	78
	Sylhet	000	0	0	09	05	96	02	0	158	70	0	0	9	0	0	61	58	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	xxx	70	0	0	9	0	0	59	56	— 4	— 5	1.0	— 0.4	52.1	98
Dacca	Mymensingh	000	0	0	13	02	97	00	0	170	67	0	0	9	0	0	60	57	— 1	— 4	0.3	— 0.6	62.1	91
	Narayanganj	000	9	0	00	00	96	05	4	163	68	0	0	9	0	0	59	60	0	— 2	0.3	— 0.7	62.9	74
	Dacca (Tejgaon)	000	0	0	31	02	96	02	0	161	67	0	0	9	0	0	61	53	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	95	05	0	165	59	0	0	9	0	0	59	57	— 3	— 2	0	— 1.0	57.9	71
Khulna	Barisal	000	0	0	05	01	97	02	1	163	72	0	0	9	0	0	60	60	— 2	— 1	0	— 1.5	76.5	81
	Khulna	000	0	0	00	00	97	00	0	165	71	0	0	9	0	0	50	61	— 1	+ 2	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	166	72	0	0	9	0	0	57	58	— 4	+ 1	0	— 0.7	62.2	65
	Jessore	000	0	0	05	03	97	00	0	164	68	0	0	9	0	0	56	55	— 2	—	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	36	02	98	02	0	173	66	0	0	9	0	0	56	57	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	97	00	0	167	71	0	0	9	0	0	59	56	— 1	—	0.7	0	50.0	64
	Bogra	000	0	0	36	02	96	02	0	168	68	0	0	9	0	0	58	56	— 3	— 3	0.2	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	172	62	0	0	9	0	0	55	52	0	— 5	0	— 0.4	51.7	72
	Rangpur	000	6	0	05	02	96	10	4	176	63	0	0	9	0	0	58	53	— 3	+ 1	0.1	— 0.3	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	2	7	09	03	96	01	5	139	61	7	0	9	3	0	49	54	— 7	+ 11	0	— 0.1	51.1	19
	Sialkot	000	1	8	13	03	97	00	5	148	62	8	5	6	x	x	53	57	— 5	+ 11	0.7	+ 0.6	35.7	32
Rawalpindi	Jhelum	000	1	8	00	00	97	05	5	145	58	2	7	5	2	x	53	51	—	—	0.7	—	35.5	—
	Rawalpindi	007	0	9	00	00	97	61	2	156	55	8	5	7	0	0	51	49	— 8	+ 8	1.5	+ 1.3	53.5	36
	Campbellpur	000	0	0	05	02	96	03	2	171	52	0	0	9	0	0	50	49	—	—	0.5	—	12.3	—
Sargodha	Khushab	000	0	7	05	02	96	03	1	134	60	7	2	6	0	0	53	56	— 9	+ 10	0	— 0.1	11.2	15
	Lyallpur	000	0	6	07	02	96	02	0	119	60	6	7	8	0	0	51	55	— 8	+ 10	0	— 0.1	13.9	12
Multan	Montgomery	000	0	7	13	03	96	03	2	115	60	6	4	4	4	0	48	56	— 4	+ 8	0	0	10.1	10
	Multan	000	0	7	00	00	97	03	1	125	58	3	5	6	5	2	52	58	— 7	+ 11	0	— 0.1	7.5	7
	Leiah	000	0	5	36	02	97	02	2	124	62	0	0	9	6	0	51	45	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	3	00	00	96	02	1	122	60	1	6	7	3	0	53	55	— 1	+ 8	0	0.1	12.6	6
	Bahawalpur	000	0	4	36	02	98	00	0	129	63	4	0	9	0	0	54	53	+ 1	+ 4	0	0	4.9	6
	Fort Abbas	000	0	0	18	02	98	00	0	115	63	0	0	9	0	0	40	56	—	—	0	—	3.1	8
Peshawar	Chakdara	061	3	8	27	02	96	63	6	171	45	8	3	5	0	0	43	45	—	—	2.3	—	27.6	—
	Peshawar	037	9	8	16	05	96	04	6	171	51	6	7	3	2	x	50	50	— 15	+ 5	1.4	+ 1.2	19.2	11
	Haripur	000	5	8	23	02	96	50	5	154	52	8	7	6	0	0	48	50	—	—	1.7	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	97	00	0	150	52	0	0	9	0	0	51	51	—	—	0.5	—	14.3	11
	D. I. Khan	000	0	0	05	02	98	00	0	134	58	0	0	9	0	0	53	54	— 8	+ 10	0	— 0.1	7.7	9
Quetta	Sibi	000	3	0	31	02	97	00	0	141	65	0	0	9	0	0	11	59	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	29	03	98	02	0	231	48	0	0	9	0	0	20	44	—	—	0	—	1.0	2
	Turbat	000	0	2	05	7	94	01	2	158	68	0	0	9	7	0	23	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	2	02	09	96	05	1	144	72	2	0	9	3	0	64	71	—	—	0	—	3.8	5
	Pasni	000	3	6	02	16	96	07	4	139	72	4	2	7	4	0	57	69	+ 3	+ 12	0	— 0.1	5.4	6
Karachi Division	Ormara	000	0	1	09	01	95	01	1	124	74	1	1	6	0	0	48	69	—	—	0	0	9.8	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	36	05	94	01	1	123	73	5	6	4	0	0	68	71	+ 6	+ 8	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	1	00	00	96	10	1	128	72	0	0	9	3	0	69	71	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	125	70	0	0	9	0	0	69	xx	—	—	0	—	27.3	—
	Umarkot	000	0	4	20	02	97	02	0	121	71	4	2	7	0	0	69	65	—	—	0	—	18.1	—
	Hyderabad	000	0	2	00	00	96	01	1	130	67	0	0	8	0	1	60	66	+ 1	+ 11	0	0	12.9	7
	Badin	000	0	4	23	02	96	01	0	140	65	0	1	9	0	0	62	67	+ 3	+ 11	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	31	03	97	02	1	131	59	0	0	9	0	0	51	52	—	—	0	—	11.1	—
	Nawabshah	000	0	4	31	05	97	01	1	130	64	2	0	9	3	6	52	63	—	—	0	—	9.3	—
	Sukkur	000	4	0	00	00	95	05	0	129	62	0	0	9	0	0	51	60	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	167	75	0	0	9	0	0	47	49	—	—	0	—	1.8	—
	Jacobabad	000	0	0	36	02	96	01	0	129	61	0	0	9	0	0	33	61	— 1	+ 11	0	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	115	9	8	13	13	97	03	7	498	36	8	5	4	x	x	32	34	— 7	— 4	2.5	+ 1.8	74.7	59
Peshawar	Drosh *	055	9	8	00	00	94	06	6	517	36	8	5	5	x	x	36	35	+ 4	— 6	0.9	—	23.9	18
	Cherat *	012	2	8	23	09	92	50	5	482	44	8	9	6	0	0	40	40	— 7	— 6	1.7	+ 1.4	35.1	29
	Kakul *	022	9	8	34	09	97	60	6	488	45	8	7	6	x	x	43	44	—	—	3.0	—	39.3	—
	Landikotal *	124	0	4	00	00	97	01	2	480	44	4	1	7	0	0	44	43	—	—	1.9	—	15.0	—
	Parachinar *	015	0	0	00	00	99	00	0	510	36	0	0	9	0	0	32	39	xx	+ 3	0.6	—	29.8	29
D. I. Khan	Miranshah *	000	0	2	00	00	98	01	0	468	45	2	4	9	0	0	43	40	—	—	0.1	+ 0.1	7.8	13
	Wana *	015	0	0	00	00	99	00	0	509	xx	0	0	9	0	0	28	39	—	—	1.0	—	11.2	11
Quetta	Fort Sandeman *	006	0	0	00	00	97	05	6	504	42	0	0	9	0	0	18	49	+ 3	+ 5	0.1	0	11.3	11
	Hindubagh *	000	0	0	25	24	97	00	0	507	35	0	0	9	0	0	21	24	—	—	0.1	—	5.9	—
	Loralai *	000	0	0	27	03	99	01	0	369	41	0	0	9	0	0	25	36	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta *	000	0	0	23	02	96	00	0	523	43	0	0	9	0	0	14	31	— 3	—	0.4	+ 0.2	6.7	9
	Chaman *	008	0	0	18	03	98	00	0	521	36	0	0	9	0	0	21	31	— 7	— 9	0.5	+ 0.4	6.8	8
	Nushki *	000	0	0	00	00	98	02	0	569	45	0	0	9	0	0	31	31	—	—	0	—	3.8	—
	Dalbandin *	070	9	0	05	07	96	02	1	519	42	0	0	9	0	0	16	41	+ 3	+ 7	0.2	+ 0.1	2.8	4
Kalat	Kalat *	000	0	0	02	02	98	00	0	540	30	0	0	9	0	0	19	28	— 3	0	0.2	0	18.1	7
	Panjgur *	000	0	0	00	00	98	02	0	519	50	0	0	9	0	0	20	48	+ 1	+ 8	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sC_hh_sh_s$	$OT_aT_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sicala	73 264	559 12	3 25 20	93 0 21	156 76	20 6 82	26 6 10	...	05 3 57	12 5 24
BAY OF BENGAL										
S. S. MOLENKER	73 108	929 02	6 03 18	98 0 32	118 81	32 4 40	55 3 01	...	05 1 21	10 3 23
S. S. Caltex	73 090	822 42	8 06 09	98 0 28	096 81	79 3 7x	...	...	05 1 76	10 6 21
ALAWALI	72 178	917 12	2 35 13	98 0 10	123 77	12 4 10	75 1 10	...	05 1 63	13 5 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	900mb HHHTTTTdTdTd	850mb HHHTTTTdTdTd	800mb HHHTTTTdTdTd	700mb HHHTTTTdTdTd	600mb HHHTTTTdTdTd	500mb HHHTTTTdTdTd	400mb HHHTTTTdTdTd	300mb HHHTTT	200mb HHHTTT	150mb HHHTTT	100mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 132 112	125 125 112	...	147 082 502	..	307 055 998	430 530 990	572 592 992	742 672 998	982 032	231 955	...	...
Jiwani ...														
Karachi ...	00 00	008 252 225	093 222 202	...	145 155 092	...	311 055 502	423 512 602	585 595 625	754 725 752	960 048	232 032	412 168	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 162 162	...	...	148 180 072	...	309 012 525				...	...	...	...
Quetta ...	00 00	832 002 595	..	...	...		306 550 990	425 645 935	561 715 665	723 790 990	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 112 082	...	...	...	...	...	...	...	...	900 112 082	...	...
Jiwani ...													
Karachi ...	00 00	900 165 142	800 128 865	...	...	...	...	...	...	...	800 128 065	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 132 105	800 088 045	667 515 572	...	...	..	...	...	...	667 515 572	...	...
Quetta ...		830 012 612	...	...	...	..	..	...	...	...	830 012 612	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27 *
Bogra ...																										
Chaldak ...	...	12 09	13 13	12 11	14 14	19 19	...	...	...	02 15	02 12	05 10	12 07	03 04	29 07	36 08	01 08	01 06	01 03	35 06	23 03	...	...	...	...	...	...
Chhor ...	22 07	22 09	22 10	28 16	26 11	27 10	24 19	26 37	27 44	...	...	...	...	...	...	...	34 05	10 07	12 19	17 28	...	...	...	...	...	...
Chittagong ...	32 09	32 09	36 05	05 06	02 07	32 10	...	...	...	25 22	26 12	...	...	...	...	27 08	30 PO	31 10	28 10	27 13	24 19	26 49	...	...	...	...
Cox's Bazar ...	34 12	34 12	00 11	36 07	30 04	...	...	...	...	...	...	...	...	...	...	06 04	03 04	04 05	12 08	09 06	17 10	28 18	28 17	32 27	30 24	28 62
Dacca ...	31 08	30 07	30 06	34 06	02 09	36 10	36 25	34 37	35 40	08 10	04 06	08 03	06 02	07 04	30 08	32 01	10 04	11 05	11 03	16 03	25 12	33 14	31 25	29 29	29 27	...
Dalbandin ...	...	...	35 10	33 09	32 09	27 20	25 33	...	...	06 06	05 09	04 11	03 06	35 06	25 07	06 03	05 06	05 07	06 09	25 08	27 07	27 17	28 30	29 35	26 47	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	05 10	35 11	29 13	29 20	...	...	...	08 10	35 06	32 25	28 11	32 21	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	NO	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	19 04	19 03	21 04	20 06	22 10	29 07	29 16	25 40	...	29 09	24 11	29 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	33 09	33 10	33 10	33 08	...	...	...	...	...	35 13	34 12	34 11	30 16	25 15	24 12	33 12	33 10	33 10	34 12	34 13	32 17	32 26	...	...	...	...
Kalat ...	12 10	11 3	12 11	12 09	...	...	...	...	...	02 17	02 10	05 10	04 12	02 07	32 04	34 08	02 07	06 04	06 11	03 12	02 08	28 10	80 24	30 39	...	...	...
Karachi ...	26 21	28 17	30 17	33 25	32 36	31 14	28 16	31 15	29 25	01 15	02 09	36 04	27 10	23 10	...	08 03	11 14	13 20	15 18	17 24	...	...	...	...	...	...
Khanpur ...	27 13	27 12	24 12	25 10	29 13	27 09	...	...	...	03 11	04 15	03 15	02 09	27 12	25 12	03 17	04 09	05 07	35 02	26 10	...	...	...	...	...	...
Lahore ...	07 09	18 08	18 13	19 16	23 10	22 11	...	...	...	06 09	12 22	12 29	13 30	17 25	...	05 07	04 06	04 09	05 06	29 12	26 17	...	...	...	...	...
Malir ...	10 10	12 12	13 08	21 08	24 12	...	...	...	...	12 13	14 23	16 20	17 15	06 03	22 10	34 08	31 07	28 09	25 09	24 21	...	...	...	...	...	...
Mirpur ...	13 08	22 MO	22 16	20 18	20 15	...	...	...	...	35 06	01 02	23 05	27 12	...	...	12 15	13 22	16 24	18 26	16 22	...	...	...	...	...	...
Moscar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35 16	34 16	33 15	33 12	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 06	28 10	...	...	...	...	...	...	...	35 23	33 10	28 26	...	...	...	36 05	30 09	28 16	28 44	27 47	27 54	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	01 03	35 07	33 01	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	22 12	...	...	...	...	...	...	...	...	27 10	...	...	...	...	...	01 01	04 05	35 09	03 12	04 13	05 25	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 08	26 05	22 04	13 05	08 12	...	...	...	...	08 19	07 13	06 13	MM MM	35 03	15 11	08 05	08 07	10 08	09 16	07 06	19 04	26 25	29 48	29 43	28 49	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	28.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	05 10	05 12	05 09	04 12	01 10	23 03	28 26	31 26	30 33	29 35	31 62	31 81	11 37	...	...	...	...	...
Karachi ...	27 16	29 20	28 17	29 09	28 08	29 12	27 44	26 49	26 48	26 72	26 93	25 70	25 01	26 95	...	...	...	...
Peshawar ...	...	06 04	13 05	25 10	28 06	28 09	...	...	...	..	...	...	...	...	...	...	...	...
Quetta ...																		

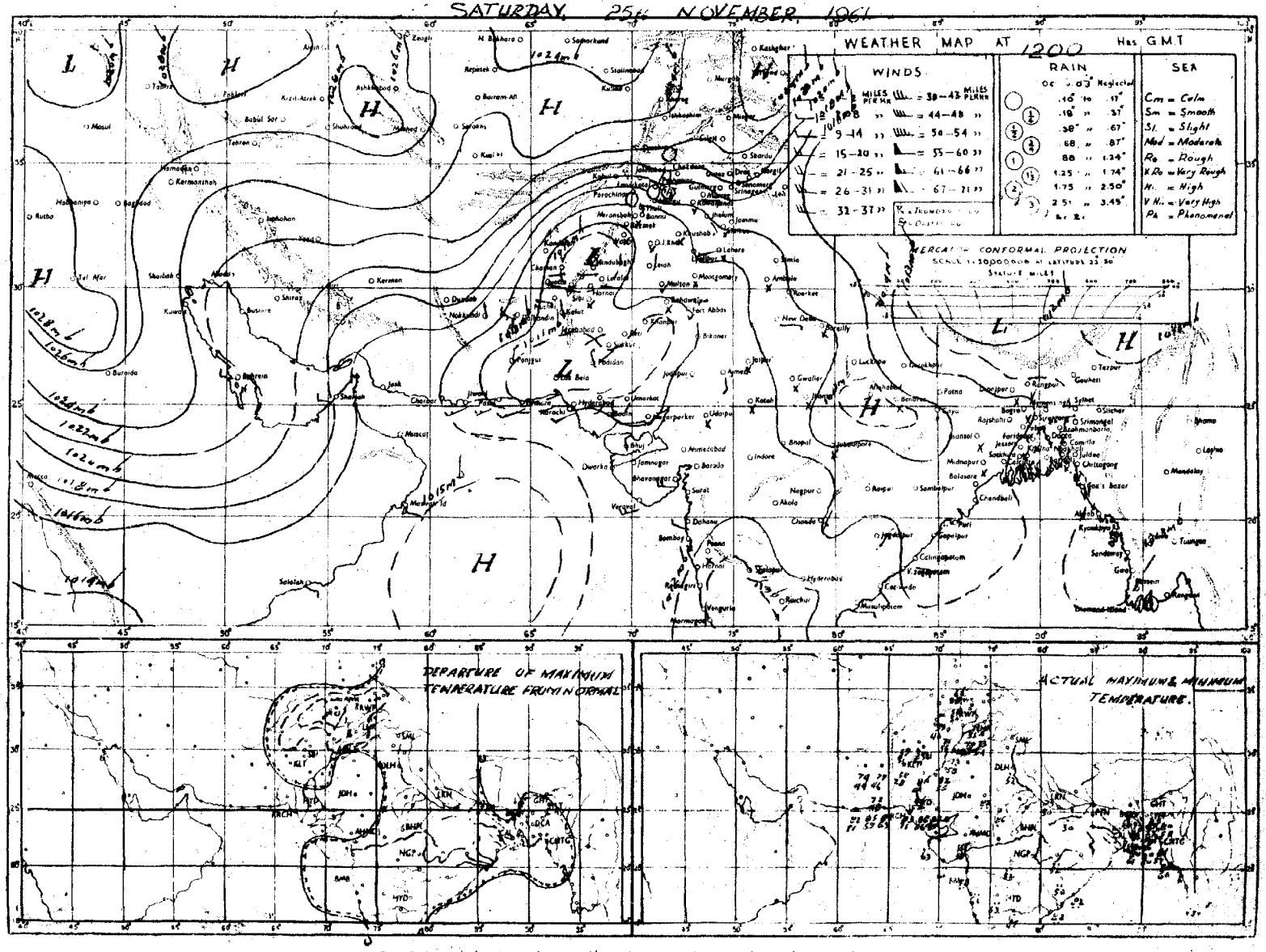
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

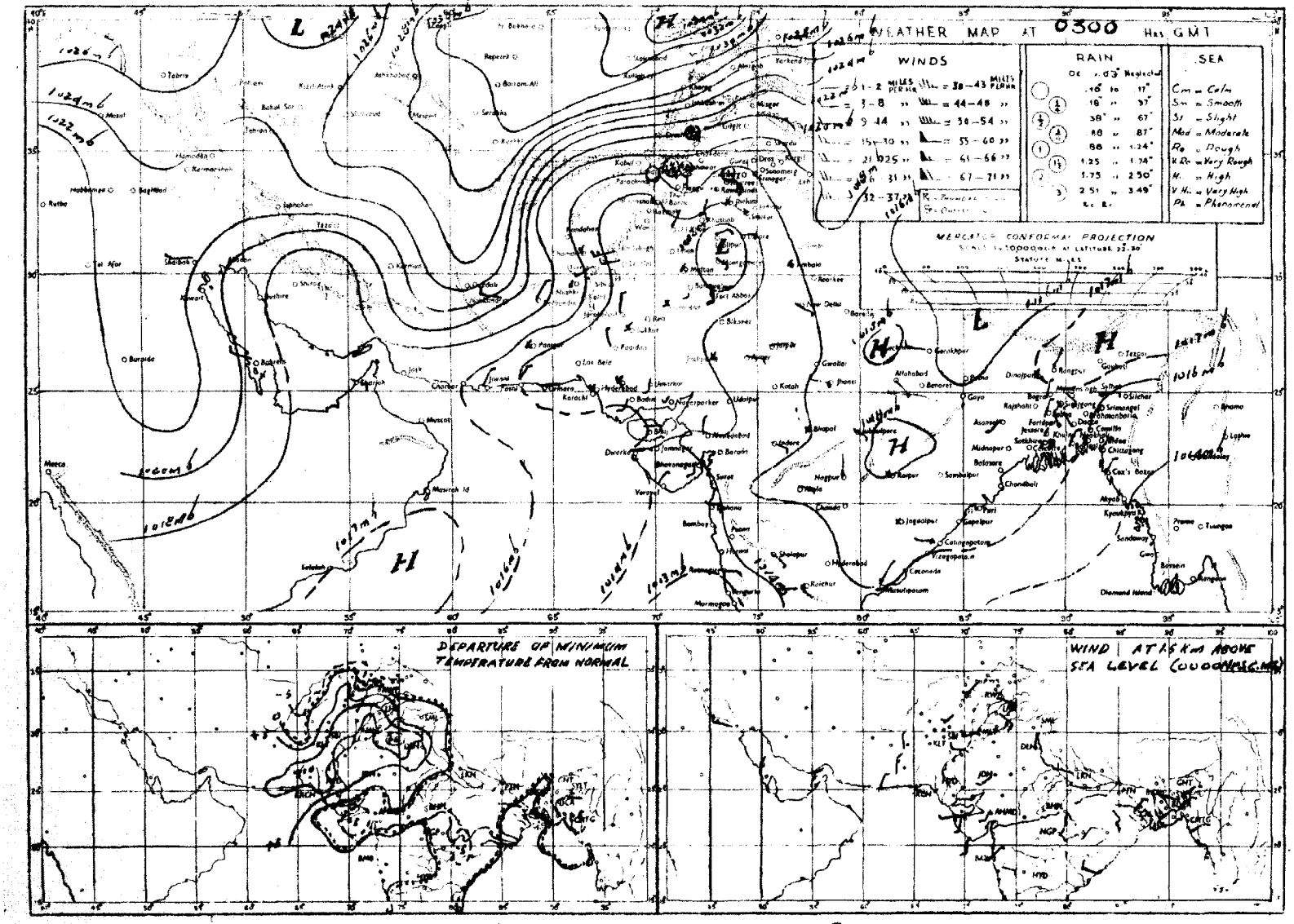
SATURDAY, 25th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 26th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 27th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Sargodha division and its associated trough moved away eastwards.

The secondary western disturbance over D.I. Khan division weakened and lies as a trough of low over Sargodha and Multan divisions.

Rain/thundershowers have been widespread in Rawalpindi division, local in Lahore division and scattered in Multan and Peshawar divisions. Light rain has also been reported from Sargodha and D.I. Khan divisions.

Weather remained dry elsewhere over the Country.

Chief amounts of rainfall are:—Murree and Kakul 3/4" each and Sialkot, Jhelum, Rawalpindi, Campbellpur and Haripur 1/4" each.

Night temperatures were 4-8°F below normal in Rawalpindi, Peshawar, Quetta, Kalat and Chittagong divisions and above normal to the same extent in Lahore, Sargodha, Multan, Hyderabad and Karachi divisions.

Forecast valid until the evening of 28th November, 1961:—Rain/thundershowers will be fairly widespread in Rawalpindi division and in Kashmir and local in Lahore and Peshawar divisions. Light rain/drizzle may also fall in Sargodha, Multan and Chittagong divisions and snow in the hills of Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 27th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at *	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wt	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnT	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	9	36	05	xx	00	0	135	74	0	x	0	x	x	54	82	000	4	1	36	05	98	03	4	174	69	1	1	5	0	0	63	62	—	—	0.1	—	155.5	—
	Cox's Bazar ...	000	0	0	31	05	xx	02	0	122	71	0	0	9	0	0	60	81	000	0	3	09	02	97	01	0	152	76	3	5	5	0	0	63	61	— 2	— 3	0.9	— 2.2	186.7	140
	Chittagong ...	000	0	0	00	00	xx	00	0	125	71	0	0	9	0	0	50	80	000	0	1	05	08	95	01	1	159	71	1	0	9	0	1	63	58	— 1	— 4	0.1	— 2.0	170.7	108
	Maijdee Court ...	000	0	0	00	00	xx	10	0	129	69	0	0	9	0	0	61	80	000	0	0	36	02	97	00	0	170	69	0	0	9	0	0	61	52	— 1	— 10	0	— 1.5	124.5	115
	Comilla ...	000	0	0	00	00	xx	02	0	118	72	0	0	9	0	0	59	81	000	0	0	00	00	97	02	0	153	69	0	0	9	0	0	61	56	— 1	— 4	0	— 1.3	76.9	94
	Brahmanbaria ...	000	0	0	36	09	xx	00	0	129	72	0	0	9	0	0	59	79	000	0	0	36	02	97	00	0	170	69	0	0	9	0	0	61	58	—	—	0	— 1.0	65.4	78
	Sylhet ...	000	0	0	00	00	xx	01	0	128	69	0	0	9	0	0	61	81	000	0	1	11	07	97	02	0	165	69	0	0	7	8	0	58	57	—	—	0.1	—	—	—
	Srimangal ...	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	61	81	000	0	0	00	00	96	00	0	xxx	68	0	0	9	0	0	59	50	— 4	— 5	1.0	— 0.4	52.1	98
Dacca	Mymensingh ...	000	0	0	00	00	xx	00	0	134	74	0	0	9	0	0	63	80	000	0	0	00	00	97	00	0	171	67	0	0	9	0	0	60	56	0	— 5	0.3	— 0.6	62.1	91
	Narayanganj ...	000	0	0	07	00	xx	05	4	124	77	0	0	9	0	0	63	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					74
	Dacca (Tezgaon) ...	000	0	0	00	00	xx	02	0	125	70	0	0	9	0	0	59	80	000	0	0	00	00	97	02	4	161	69	0	0	9	0	0	63	52			0	—	81.2	—
	Faridpur ...	000	0	0	00	00	95	05	0	127	73	0	0	9	0	0	58	77	000	0	0	31	02	95	05	0	160	67	0	0	9	0	0	60	57	— 3	— 2	0	— 1.0	87.9	71
Khulna	Barisal ...	000	0	0	00	00	96	02	1	134	70	0	0	9	0	0	68	81	000	0	0	00	00	97	02	4	164	74	0	0	9	0	0	63	60	0	1	0	— 1.5	76.5	81
	Khulna ...	000	0	0	00	00	xx	00	0	124	73	0	0	9	0	0	61	79	000	0	0	00	00	97	00	0	164	74	0	0	9	0	0	61	60	— 2	+ 1	0	— 1.1	57.3	68
	Sackhira ...	000	0	0	00	00	97	00	0	142	74	0	0	9	0	0	59	80	000	0	0	00	00	96	05	4	164	70	0	0	9	0	0	60	60	— 3	+ 3	0	— 0.7	62.2	65
	Jessore ...	000	0	0	36	02	97	00	0	138	72	0	0	9	0	0	59	79	000	0	0	00	00	97	00	0	167	68	0	0	9	0	0	59	53	—	—	0	— 0.9	59.0	65
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	0	131	68	0	0	9	0	0	58	79	000	0	0	31	05	98	02	0	171	66	0	0	9	0	0	59	56	—	—	0	—	55.6	59
	Sirajganj ...	000	0	0	00	00	xx	00	0	122	70	0	0	9	0	0	60	80	000	0	0	00	00	97	00	0	168	68	0	0	9	0	0	61	55	—	—	0.7	0	49.9	64
	Bogra ...	000	0	0	00	00	xx	02	0	133	71	0	0	9	0	0	63	79	000	0	0	05	03	96	02	0	169	54	0	0	9	0	0	59	56	— 1	— 3	0.3	— 0.5	53.6	69
	Dinajpur ...	000	0	0	00	00	xx	00	0	136	71	0	0	9	0	0	54	82	000	0	0	00	00	96	00	0	178	68	0	0	9	0	0	54	54	+ 2	— 3	0	— 0.4	51.7	72
	Rangpur ...	000	0	0	00	00	xx	01	0	141	70	0	0	9	0	0	60	79	000	6	0	09	02	96	01	4	178	63	0	0	9	0	0	57	54	— 1	+ 4	0.1	— 0.3	60.2	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	8	05	02	96	03	5	111	68	5	5	7	7	0	54	72	002	9	0	36	03	96	02	5	169	57	0	0	9	0	0	51	53	— 6	— 10	0	— 0.1	31.2	19
	Sialkot ...	000	0	8	05	05	97	00	0	130	61	8	7	5	0	x	54	71	021	0	0	05	03	96	00	2	166	59	0	0	9	0	0	55	52	— 4	— 9	0.9	+ 0.8	35.9	32
Rawalpindi	Jhelum ...	002	5	8	09	02	97	21	6	124	62	3	7	6	2	0	55	68	026	7	6	31	02	98	02	9	173	53	6	4	6	2	0	51	52	—	—	1.0	—	35.7	—
	Rawalpindi ...	006	7	8	00	00	97	03	5	138	59	8	5	6	0	0	52	60	022	0	2	00	00	98	01	2	193	47	1	2	7	3	0	45	46	— 12	+ 5	1.7	+ 1.5	53.9	36
	Campbellpur ...	000	0	8	31	09	97	03	2	147	56	0	0	9	0	0	50	57	030	9	0	05	02	99	00	2	199	46	0	0	9	0	0	44	42	—	—	0.8	—	12.6	—
Sargodha	Khushab ...	000	0	0	09	02	99	00	0	161	67	0	0	9	0	0	53	69	000	0	0	00	03	99	00	0	164	55	0	0	9	0	0	45	50	— 9	+ 6	0	— 0.1	11.2	15
	Lyallpur ...	005	3	6	05	02	96	02	5	106	64	6	7	8	0	0	57	xx	005	3	0	00	00	96	00	0	171	54	0	0	9	0	0	52	xx	x	x	0.1	— 0.1	13.9	12
Multan	Montgomery ...	008	0	7	00	00	96	03	3	107	64	5	4	4	2	0	57	73	011	0	0	31	04	96	02	0	165	51	0	0	9	0	0	48	48	— 5	0	0.1	+ 0.1	10.2	10
	Multan ...	000	0	0	00	00	96	00	2	107	72	0	0	9	0	0	48	74	000	0	0	00	00	98	02	0	181	53	0	0	9	0	0	48	51	— 3	+ 4	0	0	7.5	7
	Leiah ...	000	0	2	36	05	97	01	6	127	70	0	0	9	6	0	50	75	000	0	0	36	02	97	00	0	129	57	0	0	9	0	0	40	43	—	—	0	—	10.6	8
Bahawalpur	Khanpur ...	000	0	0	05	02	96	00	0	105	71	0	0	9	0	0	49	78	000	0	0	02	05	95	05	0	173	54	0	0	9	0	0	50	49	— 3	+ 2	0	— 0.1	12.6	6
	Bahawalpur ...	000	0	5	27	02	98	00	0	137	82	5	0	9	0	0	61	xx	000	0	0	00	00	98	00	0	126	63	0	0	9	0	0	54	53	x	+ 4	0	0	4.9	6
	Fort Abbas ...	000	0	0	23	02	98	00	0	072	75	0	0	9	0	0	59	79	000	0	0	23	02	98	00	0	167	50	0	0	9	0	0	22	47	—	—	0	—	3.1	8
Peshawar	Chakdara ..	000	0	0	00	00	97	00	0	133	54	0	0	9	0	0	44	55	000	0	0	16	02	xx	00	0	197	43	0	0	9	0	0	41	40	—	—	2.3	—	27.6	—
	Peshawar ...	000	0	6	23	03	98	00	0	157	57	5	3	5	3	0	49	59	000	0	0	23	03	96	10	1	203	44	0	0	9	0	0	43	41	— 12	— 4	1.4	+ 1.1	19.2	11
	Haripur ...	024	6	8	31	02	95	03	6	158	51	8	7	6	0	0	49	56	024	0	0	25	03	97	00	0	193	46	0	0	9	0	0	39	42	—	—	1.9	—	30.5	—
D. I. Khan	Bannu ...	000	8	1	05	07	98	03	2	123	64	0	0	9	0	1	47	64	005	0	0	00	00	99	00	0	190	46	0	0	9	0	0	45	45	xx	—	0.5	—	14.4	11
	D. I. Khan ...	000	0	0	05	02	98	00	0	078	69	0	0	9	0	0	55	xx	000	0	0	00	00	98	00	0	183	54	0	0	9	0	0	47	46		+ 2	0	— 0.1	7.7	9
Quetta	Sibi ...	000	6	0	31	02	97	00	0	113	76	0	0	9	0	0	11	80	000	0	0	00	00	95	05	4	177	53	0	0	9	0	0	18	52	—	—	0	—	5.6	5
Kalat	Nokkundi ...	000	0	0	34	05	98	00	0	177	63	0	0	9	0	0	35	67	000	0	0	34	03	98	02	0	244	38	0	0	9	0	0	11	36	—	—	0	—	1.0	2
	Turbat ...	000	0	0	05	05	98	00	1	118	77	0	0	9	0	0	26	81	000	0	0	09	03	98	00	0	164	63	0	0	9	0	0	15	xx	—	—	1.0	—	12.3	—
	Jiwani ...	000	0	0	20	03	96	00	1	129	79	0	0	9	0	0	50	83	000	0	1	00	00	97	03	0	164	64	1	0	9	3	0	32	61	—	—	0	—	3.8	5
	Pasni ...	000	0	2	07	02	97	01	4	119	82	0	0	9	3	0	47	84	000	2	0	02	07	97	05	0	156	64	0	0	9	0	0	38	62	+ 3	+ 4	0	— 0.1	5.4	6
Karachi Division	Ormara ...	000	0	2	27	03	95	03	1	107	81	2	1	6	0	0	55	86	000	0	0	09	01	95	00	0	149	67	0	0	9	0	0	40	63	—	—	0	0	9.9	6
	Lasbela ...	000	0	0	00	00	98	00	0	151	85	0	0	9	0	0	62	86	000	0	0	00	00	98	00	0	154	57	0	0	9	0	0	46	54	—	—	0	—	0	8
	Karachi (Manora) ...	000	0	0	18	10	96	03	2	098	86	6	6	4	0	0	79	89	000	0	0	05	12	95	05	0	148	68	0	0	9	0	0	54	65	+ 8	+ 2	0	— 0.1	9.8	8
	Karachi (Airport) ...	000	0	5	18	07	96	02	2	101	83	5	5	5	0	0	62	88	000	0	0	00	00	96	02	1	152	62	0	0	9	0	0	52	58	—	—	0	—	24.6	—
Hyderabad	Nagarparkar ...	000	0	2	27	01	97	00	0	092	81	0	0	9	2	0	74	86	000	0	0	00	00	97	00	0	117	67	0	0	9	0	0	55	xx	—	—	0	—	27.3	—
	Umerkot ...	000	0	3	29	01	98	02	0	096	88	3	1	7	0	0	57	87	000	0	0	02	01	97	02	0	146	57	0	0	9	0	0	37	54	—	—	0	—	18.1	—
	Hyderabad ...	000	0	0	00	00	97	02	0	112	81	0	0	9	0	0	50	86	000	0	0	00	00	97	02	0	160	62	0	0	9	0	0	40	60	+ 3	+ 5	0	0	12.9	7
	Badin ...	000	0	0	00	00	97	00	0	127	83	0	0	9	0	0	59	87	000	0	0	36	02	97	00	0	151	61	0	0	9	0	0	52	61	+ 2	+ 5	0	— 0.2	14.8	9
Khairpur	Padidan ...	000	0	0	05	03	97	02	0	112	79	0	0	9	0	0	31	81	000	0	0	26	07	96	02	0	164	52	0	0	9	0	0	47	49	—	—	0	—	11.1	—
	Nawabshah ...	000	0	0	00	00	97	01	0	111	79	0	0	9	0	0	47	82	000	0	0	27	01	97	02	0	169	54	0	0	9	0	0	38	51	—	—	0	—	9.3	—
	Sukkur ...	000	0	0	34	03	97	02	0	110	77	0	0	9	0	0	33	79	000	0	0	16	05	96	02	0	166	59	0	0	9	0	0	45	53	—	—	0	—	2.2	4
	Kashmore ...	000	0	0	00	00	99	00	0	146	83	0	0	9	0	0	46	xx	000	0	0	00	00	99	00	0	178	77	0	0	9	0	0	50	46	—	—	0	—	1.8	—
	Jacobabad ...	000	0	0	31	07	97	02	0	114	77	0	0	9	0	0	15	80	000	0	0	13	02	96	02	0	174	57	0	0	9	0	0	34	49	+ 1	— 1	0	0	8.3	4
Junagadh	Veraval ...																																								20
Afghanistan	Jalalabad ...																																								
Arabia	Muscat ...																																								4
	Kuwait ...																																								5
	HILL STATIONS																																								
Kashmir	Srinagar * ...																																								26
	Gulmarg ** ...																																								—
	Sonamarg ** ...																																								71
	Dras ** ...																																								26
	Leh ** ...																																								3
	Skardu * ...																																								6
	Misgar ** ...																																								—
	Aliabad * ...																																								—
	Gilgit * ...																																								5
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	071	2	1	13	02	98	01	7	518	34	1	5	5	0	0	29	30		— 8	3.2	— 2.5	72.4	59
Peshawar	Drosh * ...	003	8	6	18	03	95	01	6	493	44	6	8	6	0	0	38	46	003	9	3	00	00	97	03	2	531	37	3	2	7	0	0	29	36	— 14	— 5	0.9	—	23.9	18
	Cherat * ...	008	9	8	05	11	93	92	5	482	44	8	9	6	0	0	37	47	008	0	0	05	05	98	00	0	471	41	0	0	9	0	0	39	40	— 14	— 6	1.7	+ 1.4	35.2	29
	Kakul * ...	067	8	8	34	14	95	63	6	489	42	8	7	3	x	x	41	47	075	9	0	34	02	96	04	6	511	41	0	0	9	0	0	39	57	—	—	3.7	—	40.0	—
	Landikotal * ...	000	0	2	00	00	98	01	1	479	50	2	1	7	0	0	35	52	000	0	0	00	00	99	00	0	488	34	0	0	9	0	0	34	33	—	—	1.9	—	15.0	—
	Parachinar * ...	000	0	2	13	01	99	00	0	516	52	2	0	9	2	0	25	54	000	0	0	00	00	99	00	0	528	30	0	0	9	0	0	23	33	— 6	— 3	0.6	—	29.8	29
D.I. Khan	Miranshah * ...	000	0	4	05	05	98	02	3	476	60	4	4	9	0	0	45	62	000	0	0	00	00	99	00	0	488	40	0	0	9	0	0	29	39	—	—	0.1	+ 0.1	7.8	13
	Wana * ...	000	0	0	23	03	99	00	0	509	56	0	0	9	0	0	13	60	000	0	0	00	00	99	00	0	513	36	0	0	9	0	0	31	30	—	—	1.0	—	11.2	11
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	01	0	493	57	0	0	9	0	0	08	60	000	0	0	00	00	98	02	0	530	39	0	0	9	0	0	17	34	— 6	— 1	0.1	0	11.3	11
	Hindubagh * ...	000	0	0	25	12	97	00	0	494	49	0	0	9	0	0	25	50	000	0	0	27	07	97	00	0	503	34	0	0	9	0	0	12	23	—	—	0.1	—	5.9	—
	Loralai * ...	000	0	0	29	05	99	00	0	394	57	0	0	9	0	0	29	63	000	0	0	29	03	99	00	0	359	37	0	0	9	0	0	02	28	—	—	0	—	5.6	9
	Harnai * ...	000	0	0	00	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta * ...	000	0	0	00	00	96	00	0	519	54	0	0	9	0	0	44	58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Chaman * ...	008	0	0	23	05	98	00	0	507	50	0	0	9	0	0	15	52	000	0	0	18	05	98	00	0	529	38	0	0	9	0	0	20	29	— 11	— 11	0.6	+ 0.4	6.8	8
	Nushki * ...	000	0	0	00	00	98	02	0	549	55	0	0	9	0	0	25	56	000	0	0	00	00	98	02	0	572	47	0	0	9	0	0	21	40	—	—	0	—	3.5	—
	Dalbandin * ...	000	0	0	13	03	96	02	0	525	60	0	0	9	0	0	09	63	000	0	0	00	00	96	02	0	517	33	0	0	9	0	0	13	29	— 6	— 2	0.2	+ 0.1	2.8	4
Kalat	Kalat * ...	000	0	0	31	05	98	00	0	514	43	0	0	9	0	0	23	45	000	0	0	16	05	98	00	0	542	26	0	0	9	0	0	17	17	— 14	— 11	0.2	0	13.1	7
	Panjgur * ...	000	0	0	36	05	98	02	0	509	58	0	0	9	0	0	23	60	000	0	0	03	05	98	02	0	508	39	0	0	9	0	0	13	35	— 9	— 5	0.2	—	5.2	5
Afghanistan	Kabul * ...																																								12
	Kandhar * ...																																								

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Simla	13 226	599 06	8 35 20	97 0 22	154 77	85 4 00	36 4 00	...	05 1 66	13 5 23
Caledonia	13 273	622 72	1 31 13	98 0 20	128 79	11 6 00	56 5 05	...	05 3 70	13 1 x2

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTTdTdTd					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	013 175 018	114 208 112	...	149 132 502	...	312 085 999	437 032 999	581 570 999	751 688 999	959 842	232 042	441 170	...
Dacca ...														
Jiwani ...														
Karachi ...	00 00	010 182 115	108 205 128	...	150 150 279	...	310 065 999	436 012 999	579 638 999	747 705 999	956 835	...	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	974 075 028	...	...	148 088 052	...	306 505 065	428 572 712	568 655 999	732 770 999	935 865	935 865	...	...
Quetta ...	00 00	834 528 738	...	...	...	...	306 600 999	423 663 999	560 700 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 165 088	...	...	...	...	...	...	...	...	900 165 088	...	...
Dacca ...													
Jiwani ...													
Karachi ...	00 00	900 182 075	800 015 515	...	...	...	...	...	...	...	800 015 515	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	940 185 115	900 105 092	800 065 022	...	...	...	...	...	...	800 065 022	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	500 700 999	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

*0 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Bogra ...																										
Chaklala ...	34 07	35 07	xx xx	xx xx	34 01	25 07	...	...	...	12 06	13 08	13 08	01 04	28 06	...	08 01	15 04	09 06	06 08	33 03	xx xx	26 37	26 46	26 60	27 68	
Chhor ...	33 01	34 03	34 03	28 10	28 19	26 26	27 27	27 39	26 61	04 17	02 10	36 09	30 06	27 10	27 12	04 12	03 12	03 11	06 05	23 08	27 11	27 28	27 27	27 40	26 58	
Chittagong ...	34 07	02 05	10 05	15 07	16 06	...	...	...	...	03 04	21 06	21 13	20 21	22 11	26 09	36 03	28 04	18 12	21 16	22 10	22 14	25 26	26 31	27 37	...	
Cox's Bazar ...	34 06	22 07	13 09	16 02	...	...	...	...	...	08 08	18 07	17 10	20 17	20 20	23 10	17 01	17 06	19 10	20 13	20 14	23 19	25 25	26 27	27 27	...	
Dacca ...	35 09	36 11	36 10	03 07	15 05	29 07	28 19	28 34	...	05 03	04 02	04 01	29 01	27 06	28 15	30 04	35 03	34 03	32 04	27 07	24 10	26 29	25 43	27 42	29 47	
Dalbandin ...	...	...	10 02	07 02	35 06	31 12	30 25	30 43	29 69	...	...	08 10	06 07	31 06	30 10	...	...	07 06	06 08	34 05	30 11	28 27	28 35	27 51	26 69	27
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Drosh ...	...	...	...	...	35 01	17 03	...	...	...	...	...	...	22 01	24 03	25 03	...	...	...	...	02 05	01 12	24 03	26 14	26 14	24 24	26
Fort Sandeman ...	...	...	31 07	27 08	29 14	29 24	28 22	28 48	...	...	...	...	25 04	33 05	29 11	...	...	...	21 04	31 05	31 05	28 27	28 48	28 63	...	
Jacobabad ...	32 11	33 12	33 14	33 19	33 21	30 18	29 27	28 40	28 66	03 15	07 06	36 05	31 11	28 11	28 13	09 12	08 07	05 03	01 07	29 04	28 18	27 37	27 45	26 52	27 70	
Jessore ...	02 09	01 10	36 09	36 09	03 10	04 07	36 09	28 19	27 33	01 08	01 06	01 05	34 04	31 04	31 10	33 09	36 08	36 09	34 11	32 09	25 06	27 20	26 26	25 35	26 45	
Jhelum ...	07 04	11 20	13 22	17 23	19 30	...	...	...	...	03 06	36 06	30 07	...	...	...	31 06	33 08	34 07	08 10	14 11	14 07	21 15	23 19	25 28	...	
Jiwani ...	21 03	34 05	34 07	36 10	34 13	29 18	...	...	...	03 12	05 04	08 02	01 01	21 09	26 14	04 15	02 10	02 06	36 05	32 10	29 17	27 26	27 33	27 39	26 51	
Karachi ...	20 07	19 06	14 04	...	...	...	...	...	...	...	...	...	...	...	...	08 09	10 10	12 06	16 02	25 04	28 07	27 23	26 27	27 38	27 51	
Khanpur ...	36 04	30 04	29 06	28 12	26 21	25 19	24 27	27 51	...	02 09	02 13	35 06	27 04	24 05	18 06	14 10	04 10	02 06	29 05	29 07	28 19	27 23	28 23	...		
Lahore ...	07 07	10 15	11 12	12 12	16 15	17 20	18 23	20 28	...	09 15	11 12	01 03	18 06	17 14	24 12	03 03	05 06	09 05	17 07	19 07	22 10	23 15	25 25	26 30	26 41	
Multan ...	02 09	36 12	36 12	32 12	25 13	...	...	...	...	36 15	35 15	35 16	33 07	29 07	27 17	02 07	01 15	01 19	36 12	21 12	28 24	27 37	...	...	...	
Mussee ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Panjgur ...	...	...	...	01 08	33 07	30 24	29 24	28 32	...	...	...	...	02 17	35 07	27 17	...	...	...	04 14	04 10	33 08	27 27	25 37	26 35	27 56	
Peshawar ...	...	26 06	33 04	...	...	...	...	...	...	...	29 03	32 03	32 03	32 17	28 29	...	36 03	34 04	32 08	36 12	35 09	27 09	26 12	25 10	...	
Quetta ...	...	...	...	...	02 03	02 06	05 10	01 21	35 43	NO	...	Ascent	...	...	...	...	...	...	...	30 02	32 06	28 13	18 15	28 29	...	
Sharjah ...																										
Sylhet ...	12 02	09 03	10 03	10 11	25 06	23 06	...	...	...	09 17	10 12	19 12	16 13	21 06	27 15	11 05	14 07	14 08	18 06	23 06	25 13	26 34	28 43	28 49	...	
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	MISDA																	
Karachi ...	07 13	06 10	13 05	19 02	27 05	28 15	28 21	27 26	27 40	26 58	26 93	...	...	...	...	...	...	...
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

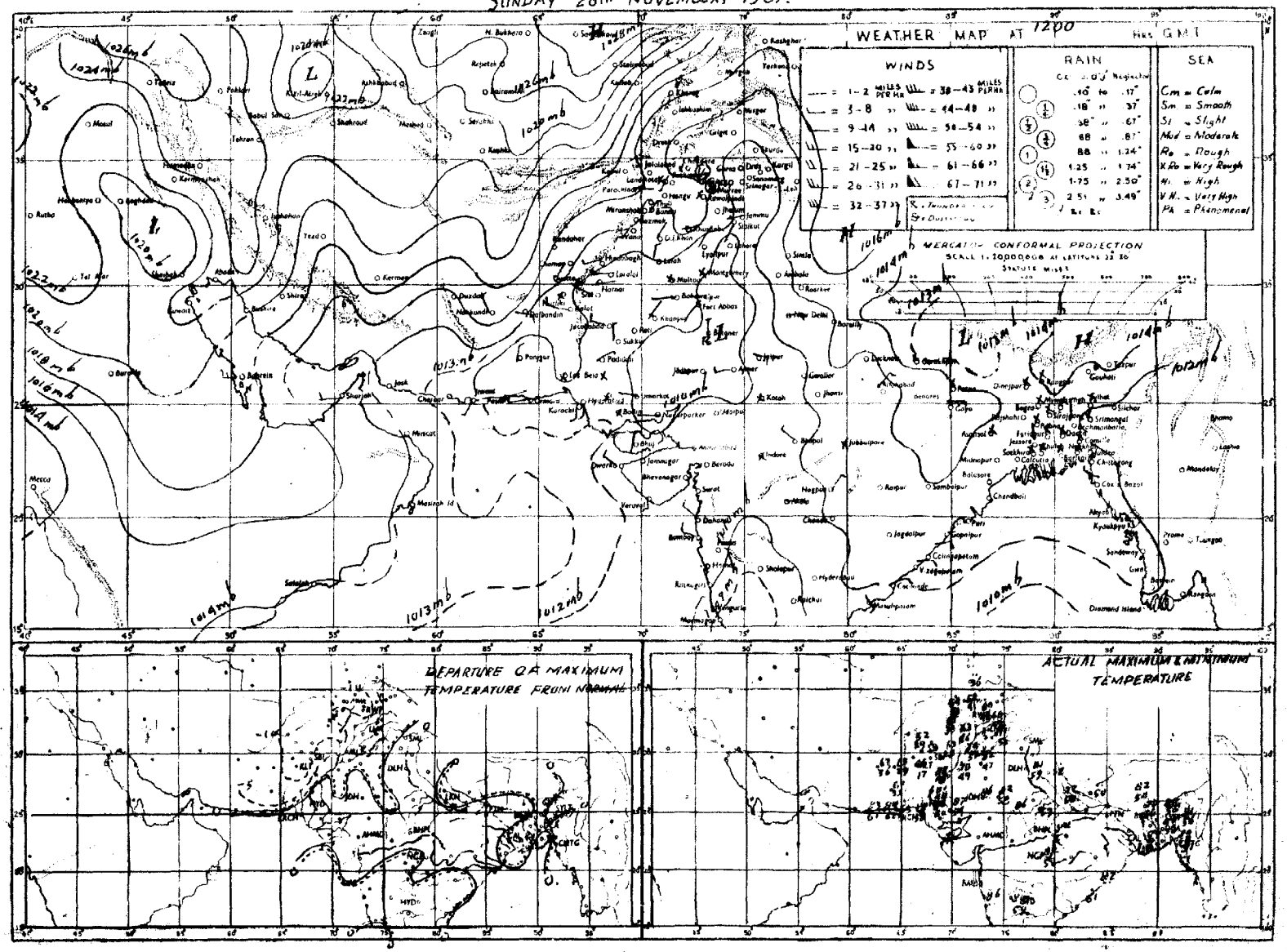
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

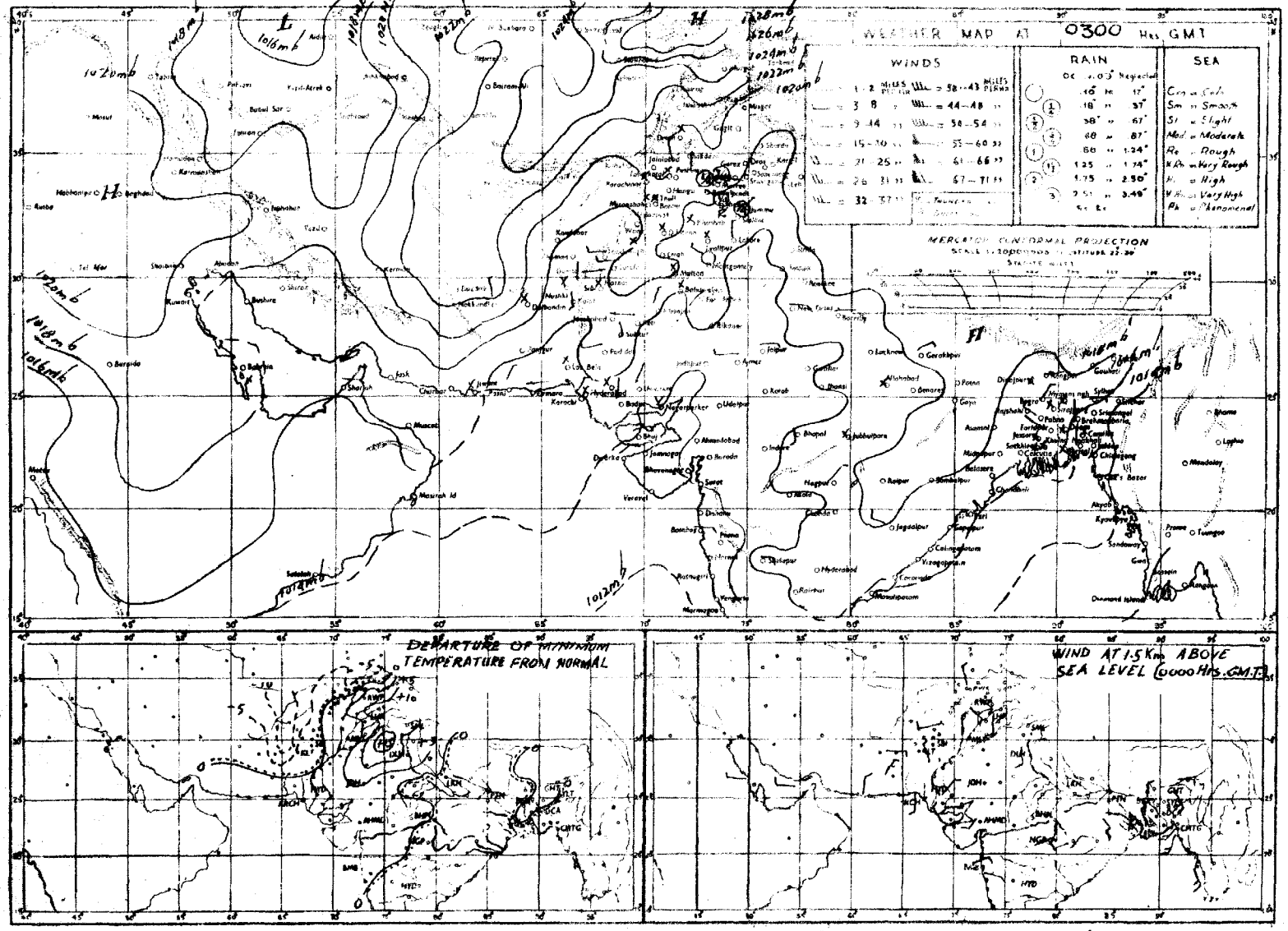
SUNDAY 26th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 27th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 28th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's trough of low over Sargodha and Multan divisions moved away northeastwards.

Light rain has been reported from Rawalpindi division.

Night temperatures were 3-8°F below normal in Peshawar, Rawalpindi, Quetta, Bahawalpur and Kalat divisions and 2—4°F so in East Pakistan.

Forecast valid until the evening of 29th November, 1961:— Weather will be dry over the Country.

Karachi-11
The 28th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	27	05	xx	00	0	136	75	9	\	0	x	\	64	81
	Cox's Bazar ...	000	0	3	34	09	xx	02	0	123	75	1	1	6	4	0	65	82
	Chittagong ...	000	0	0	00	00	xx	00	0	125	73	0	0	9	0	0	63	83
	Maijdee Court ...	000	0	0	00	00	xx	10	0	127	70	0	0	9	0	0	60	81
	Comilla ...	000	0	0	00	00	xx	02	0	120	71	0	0	9	0	0	59	83
	Brahmanbaria ...	000	0	0	00	05	xx	00	0	132	72	0	0	9	0	0	60	81
	Sylhet ...	000	0	0	00	00	xx	01	0	127	72	0	0	9	0	0	60	81
	Srimangal ...	000	0	0	00	00	xx	00	0	xxx	61	0	0	9	0	0	57	82
Dacca	Mymensingh ...	000	0	0	00	00	xx	00	0	136	74	0	0	9	0	0	63	81
	Narayanganj ...	000	0	0	03	00	xx	05	4	128	74	0	0	9	0	0	59	83
	Dacca (Tezgaon) ...	000	0	0	00	00	97	02	0	129	71	0	0	9	0	0	59	80
	Faridpur ...	000	0	0	00	00	95	05	0	128	75	0	0	9	0	0	62	79
Khulna	Barisal ...	000	0	0	00	00	96	02	1	131	76	0	0	9	0	0	67	82
	Khulna ...	000	0	0	00	00	xx	00	0	131	73	0	0	9	0	0	61	82
	Satkhira ...	000	0	0	00	00	97	00	0	130	76	0	0	9	0	0	58	81
	Jessore ...	000	0	0	00	03	97	00	0	138	72	0	0	9	0	0	59	77
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	0	131	68	0	0	9	0	0	58	79
	Sirajgani ...	000	0	0	00	00	xx	00	0	127	69	0	0	9	0	0	59	83
	Bogra ...	000	0	0	00	00	xx	02	0	133	70	0	0	9	0	0	62	80
	Dinajpur ...	000	0	0	00	00	xx	00	0	140	73	0	0	9	0	0	60	81
	Rangpur ...	000	0	0	00	00	xx	01	0	147	69	0	0	9	0	0	60	78
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	96	02	0	153	67	2	2	6	0	0	56	71
	Sialkot ...	000	4	2	05	03	97	00	2	161	66	2	5	6	x	x	55	69
Rawal-pindi	Jhelum ...	000	0	5	00	00	97	03	1	160	66	4	5	6	1	0	56	69
	Rawalpindi ...	000	0	1	27	02	97	01	6	171	63	0	0	9	8	0	44	64
	Campbellpur ...	000	0	0	00	00	98	00	0	174	59	0	0	9	0	0	49	62
Sargodha	Khushab ...	000	0	0	05	02	99	00	0	149	69	0	0	9	0	0	39	70
	Lyallpur ...	000	0	0	05	02	96	00	0	166	70	0	0	9	0	0	47	70
Multan	Montgomery ...	000	0	0	00	00	96	00	0	166	67	0	0	9	0	0	55	70
	Multan ...	000	0	0	00	00	98	02	0	167	69	0	0	9	0	0	45	71
	Leiah ...	000	0	0	36	05	97	00	0	157	69	0	0	9	0	0	43	74
Bahaw-alpur	Khanpur ...	000	0	0	05	03	96	02	0	165	69	0	0	9	0	0	50	74
	Bahawalpur ...	000	0	0	00	00	98	00	0	159	82	0	0	9	0	0	62	83
	Fort Abbas ...	000	0	0	36	02	98	00	0	161	70	0	0	9	0	0	63	73
Pesha-war	Chakdara ...	000	0	0	18	02	97	00	0	164	54	0	0	9	0	0	44	56
	Peshawar ...	000	8	1	00	00	98	02	4	180	62	1	1	6	0	0	44	65
	Haripur ...	00	0	3	09	03	97	02	1	177	60	3	1	6	0	0	50	65
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	168	64	0	0	9	0	0	44	65
	D. I. Khan ...	000	0	0	00	00	98	00	0	164	67	0	0	9	0	0	52	72
Quetta	Sibi ...	000	6	0	09	03	98	00	0	166	75	0	0	9	0	0	15	78
Kalat	Nokkundi ...	000	0	0	18	03	98	02	0	173	66	0	0	9	0	0	27	68
	Turbat ...	000	0	0	05	03	98	00	0	134	80	0	0	9	0	0	25	81
	Jiwani ...	000	0	0	16	05	97	02	0	144	77	0	0	9	0	0	35	80
	Pasni ...	000	0	2	16	07	97	03	0	139	78	0	0	9	0	1	48	80
Karachi Division	Ormara ...	000	0	0	09	02	95	00	0	141	79	0	0	9	0	0	42	81
	Lasbela ...	000	0	0	00	00	98	00	0	142	84	0	0	9	0	0	61	86
	Karachi (Manora) ...	000	0	3	25	12	97	01	1	123	85	0	0	9	0	1	76	88
	Karachi (Airport) ...	000	0	2	05	05	96	03	0	137	82	0	0	9	0	2	30	84
Hyder-abad	Nagarparkar ...	000	0	0	05	01	97	00	0	125	84	0	0	9	0	0	74	85
	Umerkot ...	000	0	0	31	02	98	02	0	127	81	0	0	9	0	0	52	85
	Hyderabad ...	000	0	0	36	02	97	02	0	142	75	0	0	9	0	0	46	80
	Badin ...	000	0	0	00	00	97	00	0	133	80	0	0	9	0	0	41	84
Khairpur	Padidan ...	000	0	0	36	03	97	02	0	152	76	0	0	9	0	0	42	79
	Nawabshah ...	000	0	0	00	00	98	02	0	149	76	0	0	9	0	0	41	79
	Sukkur ...	000	0	0	05	03	97	02	0	154	75	0	0	9	0	0	49	76
	Kashmore ...	000	0	0	00	00	99	00	0	159	85	0	0	9	0	0	49	85
	Jacobabad ...	000	0	0	05	02	97	02	0	162	74	0	0	9	0	0	43	78
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	9	6	13	02	97	02	1	514	37	6	5	4	0	0	32	42
Pesha-war	Drosh * ...	000	0	0	05	03	96	02	0	526	45	0	0	9	0	0	25	53
	Cherat * ...	000	0	0	34	15	98	00	0	492	46	0	0	9	0	0	42	50
	Kakul * ...	000	0	1	16	03	98	01	1	519	50	1	2	6	0	0	42	56
	Landikotal * ...	000	0	0	08	02	99	00	0	515	50	0	0	9	0	0	35	54
	Parachinar * ...	000	0	0	13	01	99	00	0	499	49	0	0	9	0	0	23	53
D.I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	511	59	0	0	9	0	0	32	61
	Wana * ...	000	0	0	00	00	99	00	0	509	41	0	0	9	0	0	17	55
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	520	57	0	0	9	0	0	16	59
	Hindubagh * ...	000	0	0	25	09	97	00	0	492	54	0	0	9	0	0	01	57
	Loralai * ...	000	0	0	00	00	99	00	0	339	53	0	0	9	0	0	29	58
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	00	00	96	00	0	495	55	0	0	9	0	0	39	58
	Chaman * ...	000	0	0	23	05	98	00	0	521	52	0	0	9	0	0	08	55
	Nushki * ...	000	0	0	18	05	98	02	0	554	57	0	0	9	0	0	38	60
	Dalbandin * ...	000	0	0	05	07	97	02	0	531	60	0	0	9	0	0	11	62
Kalat	Kalat * ...	000	0	0	31	03	98	00	0	497	47	0	0	9	0	0	13	54
	Panjgur * ...	000	0	0	36	07	98	02	0	508	60	0	0	9	0	0	06	62
Afgha-nistan	Kabul * ...																	
	Kandhar * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	5	3	36	xx	96	42	4	186	70	3	2	5	0	0	67	xx
	Cox's Bazar	000	0	2	05	02	97	00	0	164	77	2	5	5	0	0	63	68
	Chittagong	000	0	1	02	02	96	01	1	173	73	1	1	6	0	0	64	60
	Maijdee Court	000	9	0	00	00	98	00	4	179	72	0	0	9	0	0	59	56
	Comilla	000	0	0	00	00	97	02	0	165	70	0	0	9	0	0	62	55
	Brahmanbaria	000	0	1	00	03	97	03	1	178	69	0	0	9	0	0	63	58
	Sylhet	000	0	0	00	00	96	01	0	170	69	0	2	6	0	1	60	57
	Srimangal	000	0	0	00	00	96	03	0	xxx	71	0	0	9	0	0	59	50
Dacca	Mymensingh	000	0	0	13	02	97	00	0	164	70	0	0	9	0	0	62	57
	Narayanganj	000	9	0	00	00	96	05	4	176	72	0	0	8	0	0	61	60
	Dacca (Tezgaon)	000	3	1	00	00	97	02	4	171	71	0	0	9	0	1	61	55
	Faridpur	000	0	0	34	02	95	05	0	165	69	0	0	9	0	0	63	57
Khulna	Barisal	000	9	0	00	00	96	02	9	176	72	0	0	9	0	0	62	59
	Khulna	000	0	0	07	00	97	00	0	177	72	0	0	9	0	0	59	58
	Satkhira	000	0	0	00	00	97	00	0	187	70	0	0	9	0	0	68	55
	Jessore	000	0	0	00	00	97	00	0	176	66	0	0	9	0	0	61	53
Rajshahi	Pabna	000	0	0	31	02	98	00	0	179	68	0	0	9	0	0	61	58
	Sirajgani	000	0	0	00	00	96	00	4	177	69	0	0	9	0	0	61	57
	Bogra	000	0	0	05	02	96	00	0	177	65	0	0	9	0	0	60	57
	Dinajpur	000	0	0	00	00	96	00	0	188	70	0	0	9	0	0	50	53
	Rangpur	000	0	0	05	02	96	01	0	186	67	0	0	9	0	0	59	53
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	36	02	96	02	0	208	54	0	0	9	0	0	59	50
	Sialkot	000	0	0	00	00	98	00	0	214	59	0	0	9	0	0	49	49
Rawal-pindi	Jhelum	000	0	0	31	05	97	02	0	212	54	1	0	9	3	0	46	51
	Rawalpindi	000	0	0	00	00	95	10	0	235	45	0	0	9	0	0	44	42
	Campbellpur	000	0	0	36	02	99	00	0	242	48	0	0	9	3	0	41	42
Sargodha	Khushab	000	0	0	00	03	99	00	0	210	58	0	0	9	0	0	50	52
	Lyallpur	000	0	0	00	00	96	00	0	214	48	0	0	9	0	0	44	46
Multan	Montgomery	000	0	0	31	04	96	02	0	216	50	0	0	9	0	0	42	45
	Multan	000	0	0	00	00	98	02	0	228	49	0	0	9	0	0	40	45
	Leiah	000	0	0	36	04	97	00	0	229	57	0	0	9	0	0	40	42
Bahaw-alpur	Khanpur	000	0	0	02	02	95	05	0	223	57	0	0	9	0	0	43	45
	Bahawalpur	000	0	0	09	02	98	00	0	228	57	0	0	9	0	0	47	41
	Fort Abbas	000	0	0	00	00	98	00	0	219	49	0	0	9	0	0	49	44
Pesha-war	Chakdara	000	0	0	26	01	97	00	0	252	43	0	0	9	0	0	39	39
	Peshawar	000	0	0	00	00	98	02	0	244	44	0	0	9	0	0	39	43
	Haripur	000	0	0	25	05	98	00	0	229	48	0	0	9	0	0	41	44
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	236	46	0	0	9	0	0	35	44
	D. I. Khan	000	0	0	00	00	98	00	0	230	53	0	0	9	0	0	43	45
Quetta	Sibi	000	0	0	00	00	94	05	4	238	45	0	0	9	0	0	32	43
Kalat	Nokkundi	000	0	0	07	03	98	02	0	248	45	0	0	9	0	0	14	37
	Turbat	000	0	0	09	03	98	00	0	187	65	0	0	9	0	0	17	xx
	Jiwani	000	0	3	02	05	97	03	0	186	63	2	0	9	3	1	21	57
	Pasni	000	1	0	02	02	97	05	4	191	66	0	0	9	0	0	61	57
Karachi Division	Ormara	000	0	0	00	00	95	00	0	190	60	0	0	9	0	0	51	56
	Lasbela	000	0	0	00	00	98	00	0	206	61	0	0	9	0	0	35	56
	Karachi (Manora)	000	0	2	05	16	96	01	1	199	63	0	0	9	0	1	52	62
	Karachi (Airport)	000	0	1	02	02	96	03	0	200	61	0	0	9	0	0	42	60
Hyder-abad	Nagarparkar	000	0	0	36	01	97	00	0	192	64	0	0	9	0	0	51	xx
	Umerkot	000	0	0	02	05	97	02	0	211	59	0	0	9	0	0	46	54
	Hyderabad	000	0	0	00	00	97	02	0	211	59	0	0	9	0	0	46	56
	Badin	000	0	0	36	05	97	00	0	210	57	0	0	9	0	0	46	53
Khairpur	Padidan	000	0	0	31	02	96	02	0	219	51	0	0	9	0	0	47	49
	Nawabshah	000	0	0	00	00	97	00	0	216	52	0	0	9	0	0	46	50
	Sukkur	000	0	0	16	02	95	02	0	191	57	0	0	9	0	0	49	52
	Kashmore	...	...	...	..	...	...	...	...	...	...	..	...	...	...	...	...	...
	Jacobabad	000	0	0	05	02	96	02	0	207	56	0	0	9	0	0	41	52
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	005	9	x	xx	xx	98	00	7	531	37	0	0	9	0	0	32	31
Pesha-war	Drosh *	000	0	0	00	00	97	02	0	594	36	0	0	9	0	0	25	35
	Cherat *	000	0	0	05	15	98	00	0	410	42	0	0	9	0	0	37	xx
	Kakul *	000	0	0	34	05	98	04	0	553	42	0	0	9	0	0	35	39
	Landikotal *	000	0	0	00	00	99	00	0	536	37	0	0	9	0	0	32	34
	Parachinar *	000	0	0	00	00	99	00	0	564	30	0	0	9	0	0	20	33
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	532	39	0	0	9	0	0	31	37
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	562	35	0	0	9	0	0	11	30
	Hindubagh *	000	0	0	27	02	97	00	0	522	29	0	0	9	0	0	02	19
	Loralai *	000	0	0	31	03	99	00	0	318	33	0	0	9	0	0	24	26
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	556	40	0	0	9	0	0	21	17
	Chaman *	000	0	0	09	05	98	00	0	536	38	0	0	9	0	0	05	29
	Nushki *	000	0	0	09	09	98	02	0	578	48	0	0	9	0	0	20	43
	Dalbandin *	000	0	0	05	05	98	02	0	527	33	0	0	9	0	0	14	28
Kalat	Kalat *	000	0	0	18	05	98	00	0	569	27	0	0	9	0	0	27	24
	Panjgur *	000	0	0	05	03	98	02	0	521	37	0	0	9	0	0	02	35
Afgha-nistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	— 1	+ 2	0.9	— 2.3	186.7	140
	Chittagong	+ 2	— 2	0.1	— 2.0	170.7	108
	Maijdee Court	0	— 6	0	— 1.5	124.5	115
	Comilla	+ 1	— 5	0	— 1.3	76.9	94
	Brahmanbaria	—	—	0	— 1.0	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 3	— 5	1.0	— 0.4	52.1	98
Dacca	Mymensingh	— 1	— 4	0.3	— 0.6	62.1	91
	Narayanganj	+ 2	— 2	0.4	— 0.6	73.0	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	— 1	— 2	0	— 1.1	87.9	71
Khulna	Barisal	— 1	2	0	— 1.5	76.5	81
	Khulna	— 1	— 1	0	— 1.1	57.3	68
	Satkhira	— 2	— 2	0	— 0.7	62.2	65
	Jessore	—	—	0	— 0.9	59.0	65
Rajshahi	Pabna	—	—	0	—	55.6	59
	Sirajgani	—	—	0.7	0	50.0	64
	Bogra	0	— 2	0.3	— 0.5	53.6	69
	Dinajpur	+ 1	— 4	0	— 0.4	51.7	72
	Rangpur	— 2	— 4	0.1	— 0.3	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 7	+ 7	0	— 0.1	51.2	19
	Sialkot	— 6	+ 3	0.9	+ 0.8	35.9	32
Rawal-pindi	Jhelum	—	—	1.0	—	35.7	—
	Rawalpindi	— 8	+ 1	1.7	+ 1.4	53.9	36
	Campbellpur	—		0.8	—	12.6	—
Sargodha	Khushab	— 8	+ 7	0	— 0.1	11.2	15
	Lyallpur	— 6	+ 1	0.1	— 0.1	13.9	12
Multan	Montgomery	— 8	— 3	0.1	+ 0.1	10.2	10
	Multan	— 6	— 2	0	— 0.1	7.5	7
	Leiah	—	—	0	—	10.6	8
Bahaw-alpur	Khanpur	— 7	— 2	0	— 0.1	12.6	6
	Bahawalpur	+ 4	— 8	0	0	4.9	6
	Fort Abbas	—		0	—	3.1	8
Pesha-war	Chakdara	—	—	2.3	—	27.6	—
	Peshawar	— 6	— 2	1.4	+ 1.1	19.2	11
	Haripur	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	— 4	—	0.5	—	14.4	11
	D. I. Khan	—	+ 1	0	— 0.1	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	— 1	0	0	— 0.1	5.4	6
Karachi Division	Ormara	—	—	0	0	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 7	— 1	0	— 0.1	9.8	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyder-abad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	— 3	+ 3	0	0	12.9	7
	Badin	— 1	— 3	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—					—
	Jacobabad	— 1	+ 2	0	0	8.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	— 11	— 7	3.2	+ 2.5	72.5	59
Pesha-war	Drosh *	— 7	— 6	0.9	—	23.9	18
	Cherat *	— 11	x	1.7	+ 1.4	35.2	29
	Kakul *	—	—	3.7	—	40.0	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	— 7	— 3	0.6	—	29.8	29
D.I. Khan	Miranshah *	—	—	0.1	+ 0.1	7.8	13
	Wana *	—					11
Quetta	Fort Sandeman *	— 7	— 5	0.1	0	11.3	11
	Hindubagh *	—	—	0.1	—	5.9	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	— 0.1	34.7	14
	Quetta *	—		0.4	+ 0.2	6.7	9
	Chaman *	— 8	— 11	0.5	+ 0.4	6.8	8
	Nushki *	—	—	0	-	3.8	—
	Dalbandin *	— 7	— 6	0.2	0.1	2.8	4
Kalat	Kalat *	— 5	— 4	0.2	0	13.1	7
	Panjgur *	— 7	— 5	0.2		5.2	5
Afgha-nistan	Kabul *						12
	Kandhar *						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th NOVEMBER 1961

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_aV_sa PP	8 $N_sC_sh_sh_s$	OT$_a$T$_s$T$_a$T$_d$	Id$_a$d$_s$P$_a$H$_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sitala	23 169	553 06	3 36 21	98 0 20	150 77	00 9 01	56 4 00	...	05 2 55	13 6 22
Alvalos	23 253	575 06	11 03 02	98 0 30	193 77	10 9 01	35 1 13	...	06 4 68	10 0 x0
Riyadhomaru	23 204	642 12	1 01 08	98 0 20	135 82	11 5 00	36 4 00	...	00 2 xx	13 5 21
Sacramento	23 228	681 12	4 01 05	98 0 11	137 77	00 9 80	78 4 00	...	00 4 68	10 1 21
Valletian	23 195	584 12	3 07 06	98 0 20	141 79	22 4 05	15 5 09	...	05 1 88	10 7 22
Sitala	23 154	522 18	0 36 05	98 0 10	150 77	00 9 00	56 2 12	...	05 1 66	13 6 21
Riyadhmaru	23 193	656 18	0 05 07	98 0 20	150 77	00 9 01	36 4 00	...	05 4 xx	10 5 21
Rome	23 157	567 18	1 01 06	98 0 20	172 77	00 5 05	66 1 08	...	05 4 70	10 1 21
Valheia	23 205	592 18	0 07 09	98 0 20	169 77	00 9 00	14 3 16	...	05 2 63	10 7 32
Caledema	23 165	549 18	1 10 13	98 0 20	162 77	00 9 40	56 2 15	...	05 1 64	11 0 x2

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
						HHHTTTT$_d$T$_d$T$_d$					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...		...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	013 205 095	138 202 145	...	148 092 052	...	310 040 999	434 535 999	576 622 999	743 710 999	951 848	222 092	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	978 078 032	...	...	150 115 518	...	313 038 622	437 522 732	458 652 999	963 758 999	...	...	...	...
Quetta ...	00 00	836 552 568	...	...	...	...	311 508 628	433 575 999	572 670 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$							Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...		...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 135 062	800 062 032	...	...	...	...	...	...	...	800 062 032	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 128 002	800 098 528	...	...	...	...	...	...	...	800 098 528	...	...
Quetta ...	00 00	800 515 558	743 008 598	...	...	...	...	...	...	...	743 008 958	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	09 04	36 04	36 05	33 04	26 05	27 14	27 28	...	...	02 06	02 04	11 04	36 04	36 04	38 27	01 02	04 03	06 03	31 01	28 12	26 25	27 29	26 54	26 76	...	...
Chaklala ...	...	29 08	02 04	10 06	09 05	10 07	25 07	26 21	27 29	...	32 04	04 04	04 05	10 03	35 06	...	25 02	02 02	06 06	08 06	04 03	29 08	30 23	31 25	29 25	27 74
Cahor ...	36 06	36 05	02 03	23 01	26 06	26 14	26 23	26 29	...	05 25	03 19	36 15	29 08	26 06	26 05	05 13	04 17	04 19	02 07	27 04	38 11	27 24	27 31	28 35	28 53	...
Chittagong ...	31 07	25 04	16 03	20 10	20 10	24 18	...	...	...	33 07	25 06	17 13	22 12	27 18	25 12	33 04	29 03	22 05	19 15	22 10	25 13	25 23	24 34	25 49	25 63	...
Cox's Bazar ...	32 10	33 03	02 01	09 02	22 15	22 19	...	...	...	01 08	32 06	13 03	18 12	25 15	26 12	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	33 03	03 03	02 04	33 06	29 08	26 15	27 19	28 30	...	05 06	02 03	36 03	23 03	25 10	27 19	02 03	02 01	03 02	29 05	27 09	26 19	25 29	25 41	25 51	26 66	...
Dalbandin ...	...	...	07 08	09 10	02 08	24 10	30 18	27 42	27 49	...	...	07 09	07 07	03 01	32 07	...	...	07 08	09 08	15 04	25 09	27 23	27 26	27 45	27 58	27 93
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 14	36 18	35 21	35 15	...	...	...	...	22 04	23 04	25 03	...	...	...	...	04 12	36 22	36 27	...	...	...	...
Fort Sandeman ...	...	...	02 01	32 04	29 08	29 14	27 23	27 44	...	...	...	...	17 02	33 07	29 13	...	...	...	22 01	35 03	28 09	28 19	28 23	28 27	28 67	...
Jacobabad ...	03 03	06 04	07 04	06 01	03 04	27 13	27 19	28 25	26 45	08 13	06 02	11 01	29 05	34 04	32 07	08 05	03 04	02 02	02 05	34 04	25 12	27 26	27 41	27 47	28 88	...
Jacobra ...	35 07	35 08	01 07	35 07	28 07	26 12	27 12	...	...	02 09	02 09	02 07	26 05	27 06	27 15	33 04	32 05	31 06	32 05	29 08	27 15	...	...	...	...	...
Jhelum ...	35 02	02 04	05 05	12 08	...	...	...	...	...	34 10	36 09	35 07	15 05	19 09	02 11	33 05	35 07	01 05	06 03	08 06	28 01	27 15	29 15	30 21	29 34	...
Jiwani ...	17 04	33 02	34 05	36 12	31 12	30 20	28 23	28 31	27 47	06 05	08 05	08 04	08 05	06 08	30 29	10 06	10 09	10 09	09 06	28 03	28 15	29 23	28 35	28 38	27 55	...
Karachi ...	06 17	07 08	09 15	07 08	02 08	27 11	26 19	27 29	26 33	05 12	05 16	05 08	07 07	29 06	29 16	29 20	28 35	...	...	...	...	...	...	...	...	...
Khanpur ...	02 05	04 05	34 06	29 05	30 08	28 16	27 23	27 27	...	03 15	02 20	04 16	05 12	05 14	27 10	34 08	04 11	04 11	04 08	34 08	27 11	27 21	28 31	28 29	...	...
Lahore ...	28 03	36 03	01 03	07 03	18 07	...	...	...	...	04 09	01 10	01 07	01 05	16 04	31 08	36 04	19 08	19 09	07 09	05 03	29 02	27 19	27 27	27 35	27 48	27 62
Multan ...	02 06	02 07	01 09	35 07	21 14	30 16	28 23	27 29	...	02 11	01 10	35 09	01 14	34 15	..	34 11	35 18	25 18	36 15	36 15	31 15	30 25	29 28	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	05 06	36 04	29 10	27 14	29 30	27 41	...	...	...	15 02	16 02	24 08	...	...	...	19 08	22 05	28 13	27 18	26 28	27 38	28 64	...
Peshawar ...	...	35 01	35 06	34 09	03 04	32 09	31 14	22 09	24 11	...	...	13 07	01 10	06 08	34 09	...	06 03	31 05	34 10	08 06	35 09	34 12	29 14	31 16	...	...
Quetta ...	...	...	...	...	31 04	30 06	25 07	28 20	26 57	NO	...	Ascent	...	...	...	...	...	...	...	17 01	26 03	25 09	26 17	26 17	27 53	29 47
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 06	12 02	11 06	12 09	22 09	24 17	...	...	...	09 14	11 06	15 07	16 10	23 04	27 19	08 05	17 03	17 03	18 08	21 11	25 16	26 39	27 36	26 43	26 85	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	03 29	04 20	05 16	05 07	16 03	29 05	29 15	28 22	26 42	28 64	27 87	26 76	25 82	...	...	...	...	...
Peshawar ...	...	12 10	27 05	32 11	23 11	07 05	01 04	35 09	31 01	34 07	32 16	27 26	29 46	27 39	28 31	...	...	...
Quetta ...																		

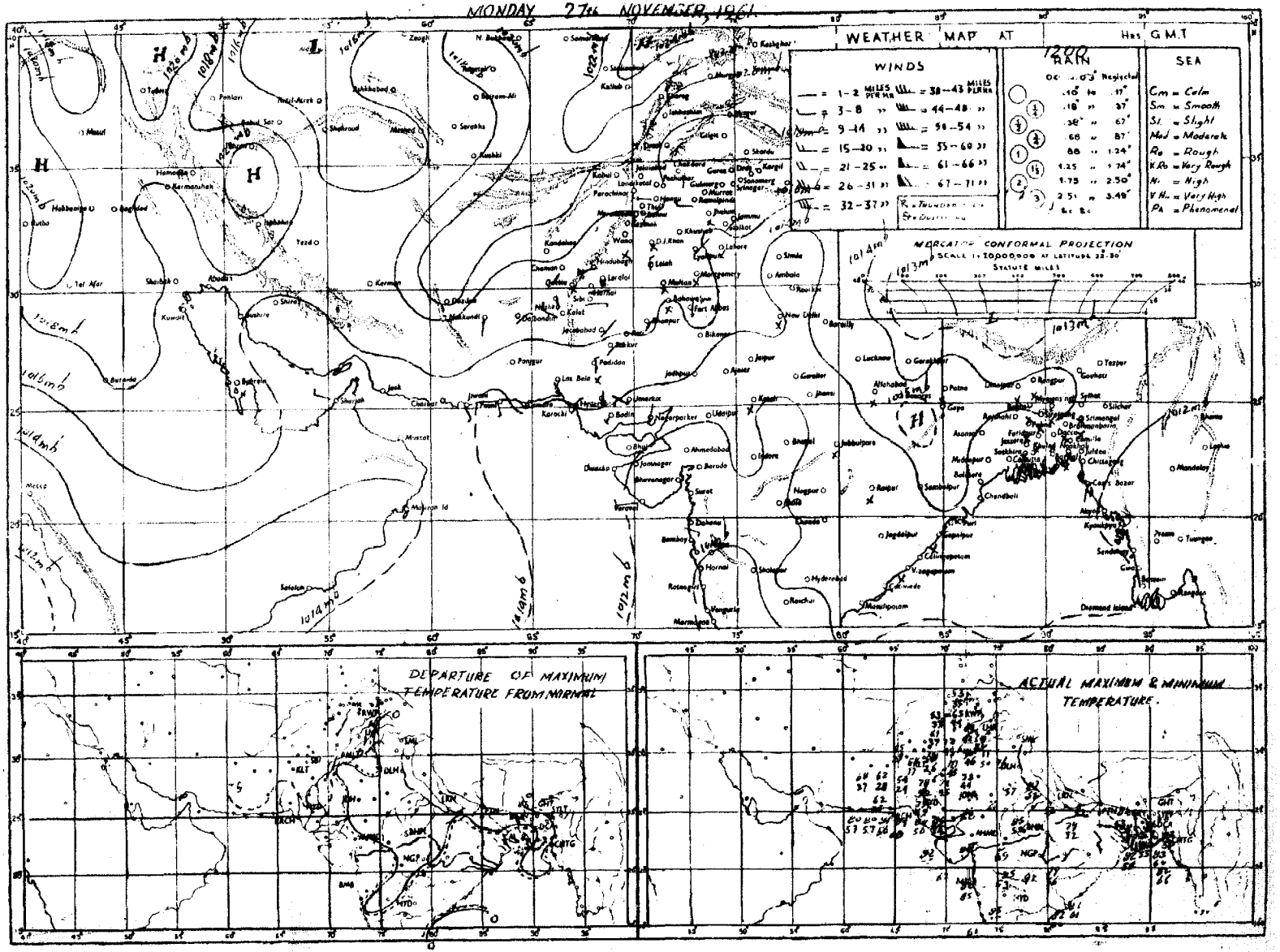
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

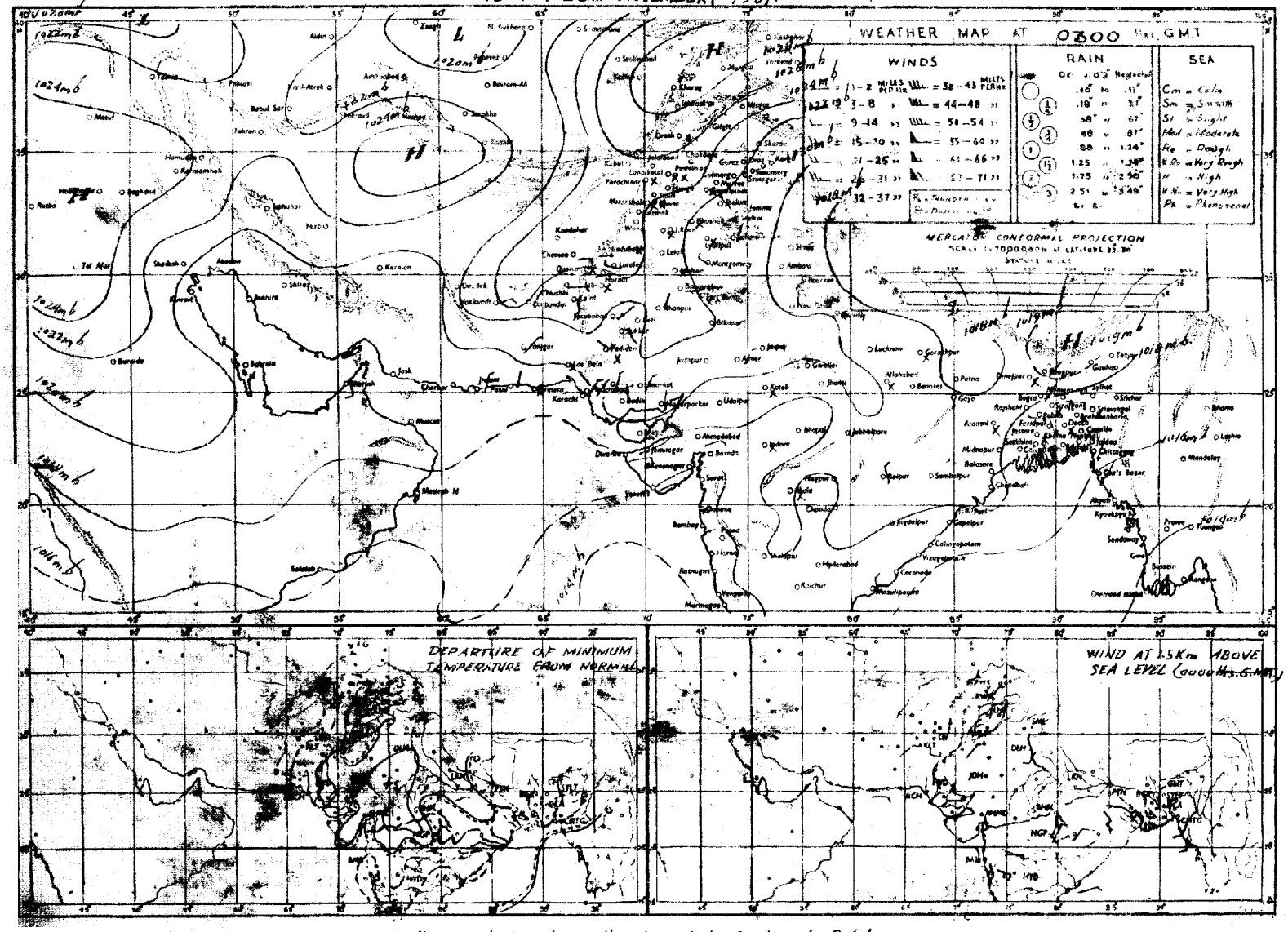
MONDAY 27th NOVEMBER, 1961



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 28th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 29th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A western disturbance is moving across east Russian Turkistan. Another lies over South Iran.
Weather remained dry over the country.
Night temperatures were 3-6°F below normal in West Pakistan outesid D. I. Khan, Khairpur and coastal Kalat divisions.
Forecast valid until the evening of 30th November, 1961:—Weather will remain dry over the Country.

Karachi-11
The 29th November, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																			At 0300 Hrs. G.M.T. of date																Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	7	9	36	02	xx	00	4	158	76	9	x	9	9	x	65	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				
	Cox's Bazar	000	0	9	00	00	xx	01	0	151	83	0	0	9	0	0	58	84	000	0	5	02	02	97	02	1	177	73	2	5	5	4	0	63	65		+ 1	1.0	— 2.3	186.7	188
	Chittagong	000	0	9	00	00	xx	10	0	150	70	0	0	9	0	0	58	81	000	9	0	00	00	98	00	4	191	70	0	0	9	0	0	59	56	+ 3	0	0	— 1.3	124.5	188
	Maidan Court	000	9	0	00	00	xx	10	0	150	70	0	0	9	0	0	58	81	000	9	0	00	00	98	00	4	191	70	0	0	9	0	0	59	56	+ 3	— 4	0	— 1.3	124.5	115
	Comilla	000	0	0	00	00	xx	04	0	139	72	0	0	9	0	0	59	85	000	0	0	00	00	97	00	0	174	72	0	0	9	0	0	64	56	+ 3	— 4	0	— 1.3	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	154	72	0	0	9	0	0	62	82	000	0	0	00	00	97	00	0	191	72	0	0	9	0	0	64	60			0	— 1.0	65.4	78
	Sylhet	000	0	1	00	00	xx	02	0	149	73	1	1	6	0	0	59	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				
	Srimangal	000	0	0	00	00	xx	00	0	xxx	64	0	0	9	0	0	60	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	2				98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	155	73	0	0	9	0	0	61	80	000	0	0	00	00	97	00	0	195	68	0	0	9	0	0	61	57		0	—	0.6	62.1	91
	Narayanganj	000	9	0	00	00	xx	05	4	153	74	0	0	9	0	0	61	83	000	9	0	00	00	96	05	4	193	72	0	0	9	0	0	59	60	+ 2	— 2	0.4	— 0.6	73.0	74
	Dacca (Targaon)	000	0	0	31	03	97	02	0	148	70	0	0	9	0	0	60	81	000	0	0	00	00	96	02	0	186	69	0	0	9	0	0	61	56			0		81.2	
	Faridpur	000	0	0	00	00	95	05	0	150	73	0	0	9	0	0	63	78	000	0	0	34	02	95	05	0	175	xx	0	0	9	0	0	xx	58	— 2	— 1	0.0	— 1.1	87.9	71
Khulna	Barisal	000	0	0	00	00	96	02	1	152	75	0	0	9	0	0	65	82	000	0	0	36	01	97	02	4	183	68	0	0	9	0	0	61	60	+ 1	— 1	0	— 1.5	76.5	81
	Khulna	000	0	0	00	00	xx	00	0	119	73	0	0	9	0	0	63	81	000	0	0	00	00	97	00	0	194	73	0	0	9	0	0	60	61	0	+ 2	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	158	77	0	0	9	0	0	61	81	000	0	0	00	00	97	00	0	197	80	0	0	9	0	0	57	57	— 2	0	0	— 0.7	62.2	65
	Jessore	000	0	0	00	00	97	00	0	156	71	0	0	9	0	0	61	78	000	0	0	36	02	97	00	0	194	69	0	0	9	0	0	66	55			0	— 0.9	59.0	63
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	154	71	0	0	9	0	0	61	81	000	0	0	30	15	98	02	0	196	68	0	0	9	0	0	59	58			0		55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	152	70	0	0	9	0	0	63	82	000	0	0	00	00	96	00	0	189	70	0	0	9	0	0	62	57		0	0.7	0	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	151	72	0	0	9	0	0	60	80	000	0	0	29	03	96	02	0	191	69	0	0	9	0	0	61	58		1	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	125	72	0	0	9	0	0	60	80	000	0	0	00	00	96	00	0	178	69	0	0	9	0	0	56	54		3	0	— 0.4	51.6	73
	Rangpur	000	0	1	00	00	xx	01	0	158	71	1	0	9	1	0	63	80	000	0	0	05	02	96	01	0	191	67	0	0	9	0	0	60	53		0	0.1	— 0.4	60.2	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	190	68	0	0	9	0	0	54	73	000	0	0	00	00	96	02	0	234	50	0	0	9	0	0	46	47	— 5	— 4	0	— 0.1	51.3	19
	Sialkot	000	0	0	00	00	98	00	0	187	69	0	0	9	0	0	57	73	000	0	0	00	00	98	00	0	224	55	6	0	9	0	0	49	44	— 2	— 2	0.9	+ 0.8	35.9	32
Rawalpindi	Jhelum	000	0	1	31	05	98	02	0	191	66	1	1	7	0	0	47	73	000	0	0	31	02	96	02	0	237	48	0	0	9	0	0	45	44			1.0		35.7	
	Rawalpindi	000	0	0	31	03	99	00	0	209	60	0	0	9	0	0	45	67	000	0	0	34	02	98	00	0	253	41	0	0	9	0	0	39	38	— 5	3	1.7	+ 1.4	53.9	36
	Campbellpur	000	0	0	36	02	98	00	0	208	63	0	0	9	0	0	52	67	000	0	0	05	02	98	00	0	244	49	0	0	9	0	0	40	39			0.8	—	12.6	—
Sargodha	Khushab	000	0	0	09	02	99	00	0	208	70	0	0	9	0	0	59	73	000	0	0	36	02	99	00	0	231	48	0	0	9	0	0	26	42	— 5	— 4	0	— 0.1	11.3	15
	Lyallpur	000	0	0	00	03	96	00	0	189	72	0	0	9	0	0	62	82	000	0	0	00	00	96	00	0	239	43	0	0	9	0	0	41	43	— 4	2	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	195	70	0	0	9	0	0	46	70	000	0	0	31	07	96	02	0	237	50	0	0	9	0	1	41	43	— 8	— 5	0.1	+ 0.1	10.3	10
	Multan	000	0	0	00	00	98	02	0	203	90	0	0	9	0	0	42	xx	000	0	1	00	00	98	01	0	242	53	0	0	9	0	1	37	44	xx	— 3	0	— 0.1	7.5	7
	Leiah	000	0	0	36	05	97	00	0	188	69	0	0	9	0	0	22	71	000	0	0	36	04	97	00	0	248	56	0	0	9	0	0	44	41			0		10.6	8
Bahawalpur	Khanpur	000	0	0	05	03	96	02	0	203	70	0	0	9	0	0	42	73	000	0	1	00	00	96	02	0	249	51	0	0	9	0	1	37	40	— 8	— 7	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	36	02	98	00	0	199	68	0	0	9	0	0	47	83	000	0	0	09	00	98	00	0	243	58	0	0	9	0	0	47	42	+ 4	— 7	0	0	6.9	6
	Fort Abbas	000	0	0	36	02	98	00	0	194	68	0	0	9	0	0	47	70	000	0	0	00	00	98	00	0	247	50	0	0	9	0	0	03	42	8	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	200	57	0	0	9	0	0	41	61	000	0	0	36	02	97	00	0	250	44	0	0	9	0	0	35	38	—	—	2.3	—	27.6	—
	Peshawar	000	0	0	00	09	98	01	0	216	65	0	0	9	0	0	43	70	000	0	0	00	00	96	04	0	253	42	0	0	9	0	0	35	40	— 1	— 5	1.4	+ 1.1	19.2	18
	Haripur	000	0	0	02	02	97	00	0	213	61	0	0	9	0	0	50	xx	000	0	0	27	05	98	00	0	242	45	0	0	9	0	0	36	41	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	201	69	0	0	9	0	0	63	70	000	0	0	00	00	99	00	0	248	46	0	0	9	0	0	32	46	— 3	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	188	70	0	0	9	0	0	48	73	000	0	0	00	00	98	00	0	239	55	0	0	9	0	0	38	45	—	+ 1	1.9	— 0.1	7.7	9
Quetta	Sibi	000	6	0	00	00	98	00	0	207	73	0	0	9	0	0	41	77	000	2	3	00	00	94	05	4	263	43	0	0	9	3	0	34	42	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	11	03	98	02	0	184	66	0	0	9	0	0	31	68	000	0	0	34	03	98	02	0	281	41	0	0	9	0	0	21	40	—	—	0	—	1.0	2
	Turbat	000	0	0	27	02	98	00	0	168	82	0	0	9	0	0	38	85	000	0	0	09	02	98	00	0	228	65	0	0	9	0	0	52	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	6	11	10	97	01	1	178	76	5	0	9	3	1	53	78	000	0	0	5	02	02	97	1	232	68	2	5	6	3	0	58	63	—	—	0	—	2.8	9
	Pasni	000	0	4	11	05	97	03	0	173	77	0	0	9	0	4	66	80	000	3	4	07	03	97	03	1	226	69	1	0	9	4	4	63	63	—	1	0	— 0.1	5.4	9
Karachi Division	Ormara	000	0	1	16	03	96	01	1	172	78	1	0	9	0	1	54	81	000	0	0	00	00	96	00	1	227	67	0	0	9	0	0	57	60	—	—	0	0	9.9	6
	Lasbela	000	0	0	xx	xx	99	00	0	179	86	0	0	9	0	3	64	87	000	0	0	00	xx	98	00	0	221	62	0	0	9	0	0	49	54	+	—	0	—	0	8
	Karachi (Manora)	000	0	0	05	16	98	03	2	172	78	0	0	9	0	3	61	84	000	0	2	05	16	97	01	1	227	60	0	0	9	0	1	41	57	— 3	— 6	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	2	05	16	96	02	1	190	77	2	0	9	0	1	35	80	000	0	1	05	02	96	01	1	236	62	0	0	9	0	1	38	55			0		24.6	—
Hyderabad	Nagarparkar	000	0	0	34	02	97	00	0	163	81	0	0	9	0	0	61	82	000	0	0	00	00	97	00	0	200	63	0	0	9	0	0	47	xx	—	—	0	—	27.3	—
	Umerkot	000	0	2	02	06	98	02	0	172	76	0	0	8	4	0	44	80	000	0	3	02	01	97	02	0	227	48	0	0	8	0	0	39	46	—	—	0	—	18.1	7
	Hyderabad	000	0	0	36	02	98	02	0	182	75	0	0	9	0	0	35	78	000	0	0	36	02	97	01	1	243	56	0	0	8	0	0	42	54	— 5	— 1	0	— 0.1	12.9	9
	Badin	000	0	0	36	02	97	00	0	172	77	0	0	9	0	0	35	85	000	0	1	36	02	97	00	1	235	56	0	0	9	0	0	43	50	0	6	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	07	97	02	0	195	74	0	0	9	0	0	36	76	000	0	1	00	00	97	01	0	251	46	0	0	9	0	0	41	45	—	—	0	—	11.1	—
	Nawabshah	000	9	4	05	03	97	03	0	196	74	0	0	9	0	4	34	77	000	0	0	00	00	97	02	0	254	48	0	0	9	0	0	41	46	—	—	0	—	9.3	4
	Sukkur	000	9	2	02	03	97	03	0	149	72	0	0	9	0	3	42	74	000	9	0	16	02	95	02	0	249	54	0	0	9	0	0	46	51	—	—	0	—	2.2	4
	Kashmore	000	0	0	05	03	99	00	0	196	83	0	0	9	0	0	43	85	000	0	0	00	00	99	00	0	258	77	0	0	9	0	0	59	44	—	—	0	—	1.8	4
	Jacobabad	000	0	0	36	05	97	02	0	206	73	0	0	9	0	0	36	75	000	0	1	00	00	96	01	0	254	51	1	0	9	3	0	37	49	— 4	— 1	0	0	8.3	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				30
Afghanistan	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Arabia	Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				4
	Kuwait	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				5
Kashmir	HILL STATIONS																																								
	Srinagar	**	...																																						24
	Gulmarg	**	...																																						—
	Sonamarg	**	...																																						71
	Dras	**	...																																						24
	Leh	**	...																																						3
	Skardu	**	...																																						6
	Misgar	**	...																																						—
	Alisbad	**	...																																						—
	Gilgit	**	...																																						5
Rawalpindi	Murree	000	0	8	11	07	98	00	0	546	40	0	0	9	0	0	25	47	000	0	0	05	02	98	00	0	564	42	0	0	9	0	0	29	35	— 6	— 3	3.2	+ 2.5	72.5	59
Peshawar	Drosh	000	0	0	13	12	96	02	0	579	45	0	0	9	0	0	17	49	000	0	0	00	00	97	02	0	613	35	0	0	9	0	0	20	24	— 11	— 7	0.9	—	23.9	18
	Chitral	000	0	0	31	11	98	00	0	517	49	0	0	9	0	0	23	53	000	0	0	05	07	98	00	0	501	45	0	0	9	0	0	38	41	— 8	— 5	1.7	+ 1.4	35.2	29
	Kalul	000	0	0	29	03	99	00	0	555	54	0	0	9	0	0	34	59	000	0	0	34	03	98	00	0	562	44	0	0	9	0	0	25	40			3.7	—	40.0	—
	Landikotal	000	0	0	23	04	99	00	0	557	55	0	0	9	0	0	34	56	000	0	0	23	02	99	00	0	552	40	0	0	9	0	0	27	36			1.8	—	15.0	29
	Parachinar	000	0	0	13	01	99	00	0	533	54	0	0	9	0	0	17	55	000	0	0	00	00	99	00	0	571	33	0	0	9	0	0	16	34	— 5	— 2	0.6	—	29.8	—
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	552	62	0	0	9	0	0	31	65	000	0	0	00	00	99	00	0	453	38	0	0	9	0	0	28	36	—	—	0.1	+ 0.1	7.8	13
	Wana	000	0	0	00	00	99	00	0	509	54	0	0	9	0	0	19	59	000	0	0	00	00	99	00	0	513	66	0	0	9	0	0	23	36	—	—	—	—	—	11
Quetta	Fort Sandeman	**	...	0	0	0	99	02	0	558	57	0	0	9	0	0	09	60	000	0	0	00	00	98	02	0	578	32	0	0	9	0	0	07	30	— 6	— 5	0.1	— 0.0	11.3	11
	Hindubagh	**	...	0	0	09	05	97	00	0	517	55	0	0	9	0	05	57	000	0	0	27	01	97	03	0	538	28	0	0	9	0	0	28	20	—	—	—	—	5.9	—
	Loralai	**	...	0	0	16	02	99	00	0	531	56	0	0	9	0	04	59	000	0	0	27	03	99	00	0	297	35	0	0	9	0	0	04	27	—	—	0	—	5.6	9
	Harnai	**	...	0	0	09	01	96	00	0	xxx	xx	x	x	x	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
	Quetta	**	...	0	0	00	00	96	00	0	512	56	0	0	9	0	38	58	000	0	0	00	00	96	00	0	579	42	0	0	9	0	0	16	33	—	—	0.4	+ 0.2	6.7	9
	Chaman	**	...	0	0	27	05	98	00	0	536	59	0	0	9	0	18	61	000	0	3	09	05	98	01	1	564	40	3	0	9	0	0	30	30	— 2	— 10	0.6	+ 0.4	5.8	8
	Nushki	**	...	0	0	19	01	98	00	0	582	62	0	0	9	0	31	64	000	0	0	09	19	98	02	0	583	50	0	0	9	0	0	20	45	—	—	0	—	3.8	—
	Dalbandin	**	...	2	3	05	03	97	03	0	543	63	0	0	9	0	08	65	000	0	1	00	00	97	03	1	540	34	1	0	9	3	0	12	30	— 4	— 4	0.2	— 0.1	2.8	4
Kalat	Kalat	**	...	0	0	19	02	98	00	0	507	56	0	0	9	0	23	60	000	0	0	18	09	98	00	0	595	34	0	0	9	0	0	19	27	+ 1	— 1	0.2	—	13.1	7
Afghanistan	Panjgur	000	0	1	27	02	98	00	0	538	68	0	0	9	2	0	18	69	000	0	1	05	02	98	02	0	560	48	0	0	9	1	0	24	36	— 1	— 4	0.2	—	5.2	5
	Kabul	**	...																																						12
	Kandhar	**	...																																						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 29th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ...w W	PPP TT	$N_hC_LhC_MC_H$	D_aV_sa PP	8 $N_sCh_sh_s$	$OT_1T_dT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	33 182	670 00	5 04 06	98 0 20	140 77	52 4 00	36 3 05	...	05 4 xx	10 5 21
Celendonia	33 058	533 00	4 03 09	98 0 20	147 77	00 9 08	56 7 15	...	00 0 64	10 3 x2
Tobnu	33 138	486 00	8 09 08	97 0 31	060 77	88 x 33	24 7 20	...	...	...
Roma	33 153	552 00	1 02 05	98 0 20	172 77	14 4 00	66 4 00	...	05 4 72	10 2 21
Valletta	33 234	592 06	8 13 05	98 0 51	199 78	11 4 7x	76 1 19	...	05 1 64	11 3 21
Riyadadhmaru	33 162	703 12	5 02 14	98 0 21	115 82	54 5 00	36 6 25	...	00 0 xx	10 2 32
Valletta	33 248	580 12	7 99 02	97 6 06	183 73	47 3 3x	76 6 10	...	05 5 64	19 9 20
Agseon	33 114	657 18	1 06 08	98 0 11	135 81	9x x xx	...	...	00 0 72	...
BAY OF BENGAL										
British Advocate	33 258	570 06	7 14 09	98 0 32	205 75	45 5 8x	32 4 00	...	05 3 64	11 4 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd				HHHTTTTdTdTd						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	016 145 122	141 212 115	...	150 142 998	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	022 002 505		...	160 160 990	...	323 075 995	476 505 992	592 560 990	763 660 990	974 022	...	...	...
Lahore ...	00 00	996 118 075	172 xxx xxx	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	980 005 805	...	...	150 082 555	...	312 508 668	431 585 785	472 668 995	736 782 992	939 915	...	...	...
Quetta ...	00 00	839 518 548	...	...	...	...	312 588 995	430 625 995	565 772 995	723 870 990	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd									Max. Height Reached: PPPTTTTdTdTd	TROPOPAUSE: St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 135 048	892 135 108	...	...	...	...	...	...	...	892 135 108	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	946 108 525	900 102 548	800 008 575	...	...	...	...	...	...	800 008 575	...	...
Quetta ...	00 00	825 025 548	800 002 535	...	...	...	...	...	...	...	800 002 535	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 03	29 03	27 03	28 05	36 14	...	...	...	...	35 09	35 10	36 10	28 07	30 12	27 24	34 06	36 07	36 06	31 09	26 12	28 34	27 46	28 56	28 78	..	...
Chaklala ...	...	31 09	32 08	03 03	04 06	11 13	31 09	31 15	28 35	...	27 03	26 02	04 03	18 12	26 04	...	15 04	16 03	17 02	23 03	24 06	26 19	26 30	27 39	...	...
Chittagong ...	04 08	05 07	05 09	04 05	31 07	27 17	28 29	27 53	26 53	04 23	04 15	01 06	03 04	01 07	28 10	04 19	04 21	04 19	04 10	03 06	29 10	28 17	26 23	27 41	...	...
Chittagong ...	33 06	30 10	27 13	22 08	18 11	...	...	...	...	...	...	...	...	...	...	36 04	01 05	33 05	25 04	27 09	31 19	27 35	...	...	...	...
Cox's Bazar ...	31 12	32 07	35 03	20 07	24 13	...	...	...	...	...	...	...	...	...	...	34 06	26 07	26 08	24 17	25 17	24 26	26 43	28 40	28 41	...	...
Dacca ...	32 07	34 07	36 07	30 07	29 05	27 22	...	...	...	36 07	36 06	33 06	26 09	26 14	27 22	30 04	32 04	32 07	27 12	25 15	26 29	27 37	26 39	27 47	29 53	27 56
Dalbandin ...	...	...	08 04	13 05	17 06	26 12	25 22	27 37	26 42	...	...	08 02	25 07	20 06	22 10	...	...	08 05	27 05	25 07	22 15	26 39	26 42	26 50	26 71	26 97
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	04 08	36 13	36 31	36 39	...	...	...	...	24 06	24 05	23 04	...	...	...	...	02 14	37 09	26 20	23 17	28 29	06 46	...
Kara Sandeman ...	...	...	...	04 04	03 02	30 04	28 18	27 37	27 43	...	...	...	23 03	30 04	26 12	...	...	...	20 03	28 07	31 04	25 33	26 53	...	...	...
Kohat ...	33 02	01 03	04 04	07 06	03 04	28 09	28 13	27 33	27 38	36 14	36 12	34 10	30 13	27 11	27 23	34 05	30 04	28 03	28 06	30 29	26 10	26 34	26 40	26 48	25 49	...
Jacobabad ...	33 05	34 07	34 08	34 06	29 09	28 20	...	...	...	35 03	34 05	33 03	31 01	23 04	29 08	34 03	34 06	34 10	28 14	28 15	26 25	27 34	28 41	27 45	...	...
Jhelum ...	31 09	32 09	33 09	07 06	10 09	09 06	31 06	29 15	28 18	31 11	35 09	35 06	09 04	02 04	25 04	33 05	33 10	32 06	13 02	17 02	26 04	24 15	26 37	26 40	24 45	...
Jiwani ...	14 09	15 08	17 06	05 02	27 08	31 17	26 18	...	...	12 09	14 02	15 10	15 07	16 04	27 14	09 05	12 07	13 07	16 06	30 06	28 11	27 24	26 27	25 35	...	...
Karachi ...	05 21	05 21	05 28	03 10	01 09	30 06	26 24	28 39	26 33	...	...	...	...	...	...	04 19	05 21	05 17	03 13	06 06	28 08	25 24	24 26	49	26 43	...
Khanpur ...	02 06	02 06	04 10	03 04	35 07	28 08	27 29	27 39	27 42	03 10	04 10	02 14	03 11	36 03	27 10	03 03	26 04	26 06	33 06	30 08	28 06	28 20	27 27	26 27	...	...
Lahore ...	34 04	36 08	01 07	03 06	07 05	08 03	29 11	28 15	28 17	32 10	32 11	33 08	36 05	03 03	36 04	34 01	30 04	33 01	04 01	24 07	26 13	27 13	...	...	...	...
Multan ...	01 07	35 09	35 09	35 10	33 09	30 12	29 23	27 43	...	34 11	35 08	01 08	34 12	33 11	28 13	31 06	34 09	34 09	32 12	32 10	26 11	27 30	27 31	26 33	...	...
Murree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 05	25 06	29 13	28 13	28 43	28 49	...	...	...	24 12	24 07	28 13	...	...	...	28 05	26 06	30 12	26 25	25 32	26 40	26 49	...
Peshawar ...	...	35 04	34 10	01 13	04 08	05 06	31 07	31 09	30 19	...	15 06	31 04	32 05	32 07	34 10	...	12 07	08 03	28 15	04 02	22 03	22 12	22 23	23 37	24 39	...
Quetta ...	...	...	...	...	27 02	24 02	27 06	26 12	26 21	NO	...	Ascent	...	...	...	...	...	...	...	27 02	30 17	31 31	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	15 03	14 05	14 03	17 07	25 06	...	...	...	...	11 10	12 05	10 36	20 18	25 14	26 34	17 00	17 03	17 04	...	...	...	...	...	...	...	...
Veravel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	36 08	36 08	33 08	31 10	31 12								...	...	...	...	...	...
Karachi ...	03 17	03 27	03 27	06 16	02 09	14 07	32 21	36 39	27 40	26 51	24 44	25 09	...	...	...	...	...	...
Peshawar ...	...	15 08	07 06	34 13	31 10	32 10	31 19	30 19	30 21	30 31	29 51	30 46	...	...	...	...	...	...
Quetta ...																		

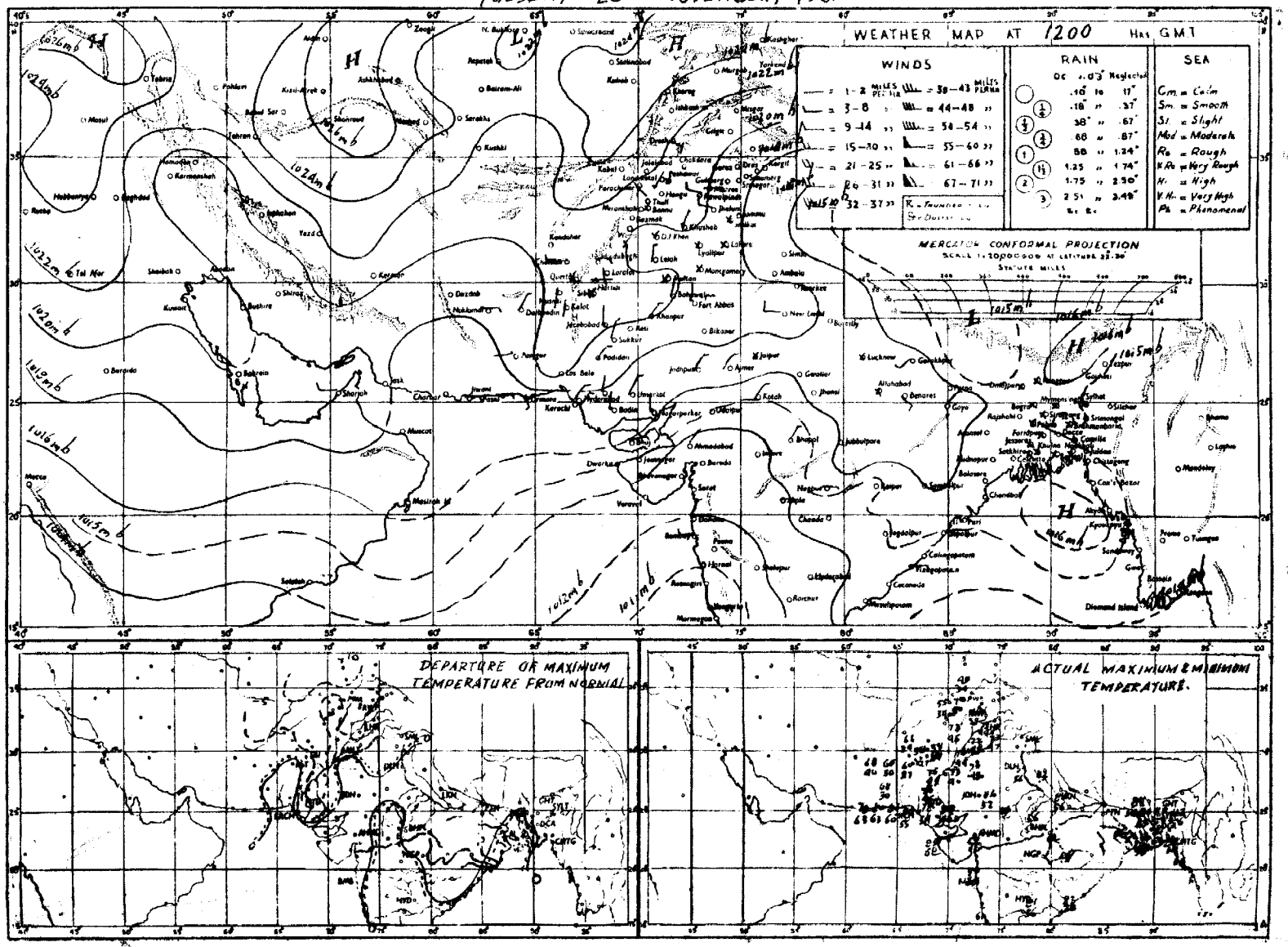
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_TV_T etc.)

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

PAKISTAN DAILY WEATHER MAP

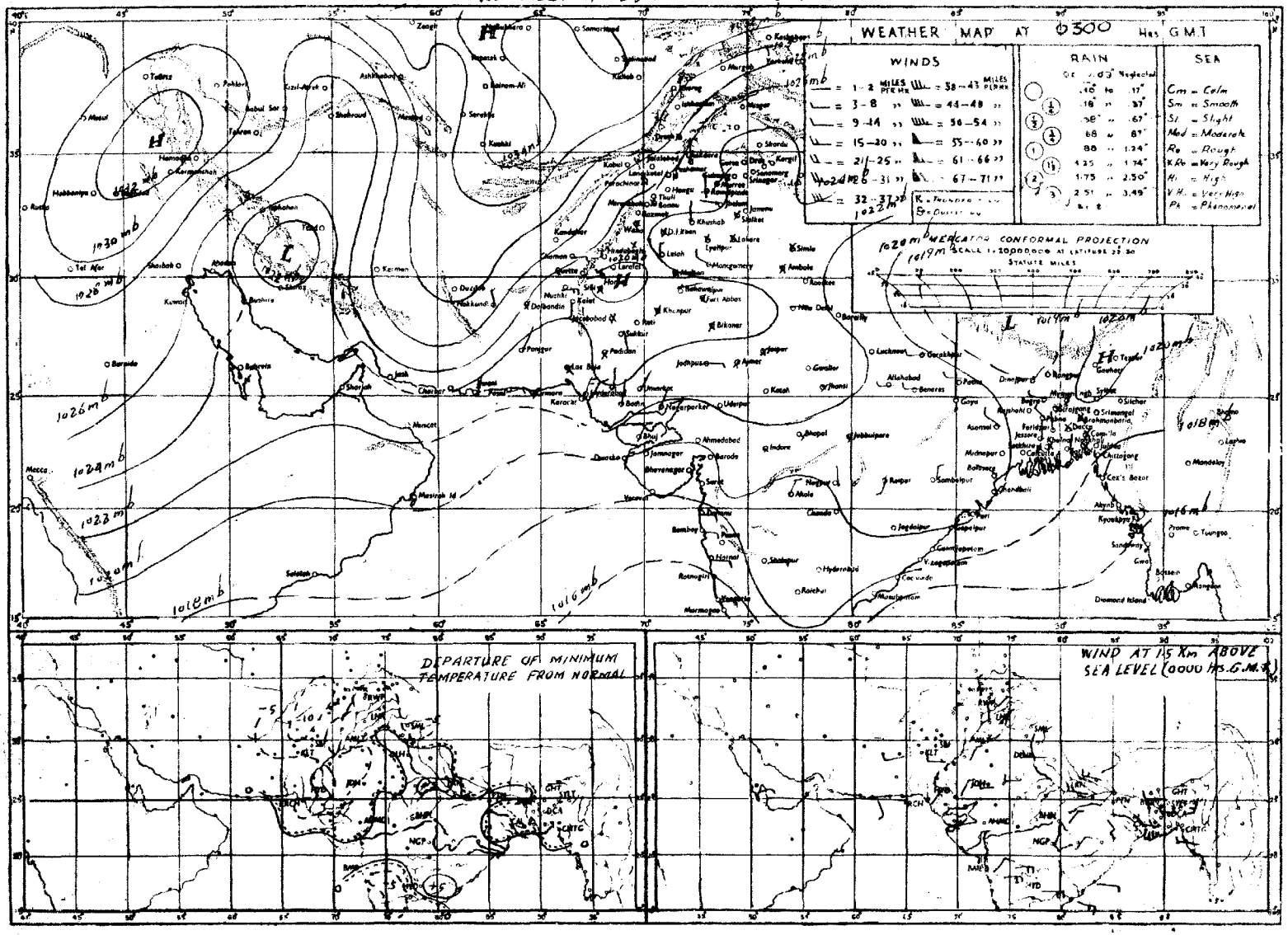
TUESDAY 28th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th NOVEMBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 30th NOVEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

KARACHI WEATHER BUREAU OCT 31 1962

Yesterday's western disturbance over east Russian Turkistan moved away eastwards.
The western disturbance over south Iran has weakened and now lies over northeast Iran.
Weather remained dry over the country
Night temperatures were generally 3—5°F below normal over west Pakistan outside coastal Kalat divisions.
Forecast valid until the evening of 1st December, 1961:- Weather will continue to be dry over the country.

Karachi-11
The 30th November, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date														Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	7	9	31	02	xx	00	4	158	74	9	x	0	x	x	59	81	000	4	1	36	02	95	03	4	185	70	1	2	5	0	0	43	67					155.5	
	Cox's Bazar	000	0	2	34	05	xx	02	1	146	73	2	0	9	3	0	63	81	000	0	0	05	05	97	02	0	163	73	0	0	9	0	0	63	81	— 2	—	0	—	186.7	140
	Chittagong	000	0	0	05	02	xx	00	0	151	73	0	0	9	0	0	60	83	000	0	0	05	02	96	00	0	173	73	0	0	9	0	0	64	xx	— 2	— 2.3	0.9	— 2.3	170.7	108
	Maijdee Court	030	0	0	00	00	xx	10	0	154	73	0	0	9	0	0	60	81	000	0	0	00	00	98	00	0	178	71	0	0	9	0	0	61	60	+ 2	— 2.1	0.1	— 2.1	170.7	115
	Comilla	000	0	0	00	00	96	02	0	139	72	0	0	9	0	0	62	83	000	0	0	00	00	97	02	0	165	68	0	0	9	0	0	63	57	— 0	— 1.5	0	— 1.5	124.5	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	159	71	0	0	9	0	0	62	81	000	0	0	36	02	97	00	0	181	68	0	0	9	0	0	62	57	—	— 1.3	0	— 1.3	76.9	78
	Sylhet	000	0	0	00	00	xx	01	0	151	73	0	0	9	0	0	61	83	000	0	1	09	05	96	01	0	176	70	1	2	6	8	0	61	61	—	— 1.0	0	— 1.0	65.4	
	Srimangal	000	0	0	00	00	xx	00	0	xxx	64	0	0	9	0	0	59	83	000	0	0	36	02	96	00	0	xxx	71	0	0	9	0	0	63	50	—	—	0.1	—	—	
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	158	74	0	0	9	0	0	63	81	000	0	0	27	02	97	00	0	186	66	0	0	9	0	0	61	59	— 2	— 5	1.0	—	52.1	98
	Narsyanganj	000	9	0	03	00	xx	05	4	159	72	0	0	9	0	0	62	81	000	0	0	00	00	96	05	0	180	70	0	0	9	0	0	58	59	+ 1	— 0.6	0.3	— 0.6	62.1	91
	Dacca (Tezgaon)	000	0	0	27	02	97	02	0	155	70	0	0	9	0	0	61	80	000	0	0	31	05	97	02	0	176	69	0	0	9	0	0	60	55	+ 1	— 3	0.4	— 0.6	73.0	74
	Faridpur	000	0	0	34	02	95	05	0	159	74	0	0	9	0	0	64	79	000	0	0	36	02	95	05	0	174	60	0	0	9	0	0	51	xx	—	—	0	—	81.2	71
Khulna	Barisal	000	0	0	00	00	96	02	1	153	76	0	0	9	0	0	65	82	000	0	0	05	02	97	02	1	184	71	0	0	9	0	0	59	61	+ 1	—	0	—	87.9	
	Khulna	000	0	0	00	00	xx	00	0	159	74	0	0	9	0	0	61	82	000	0	0	00	00	97	00	0	186	74	0	0	9	0	0	59	61	+ 1	— 1.5	0	— 1.5	65.4	81
	Satkhira	000	0	0	00	00	97	00	0	156	76	0	0	9	0	0	59	81	000	0	0	00	00	97	00	0	187	69	0	0	9	0	0	55	56	+ 1	— 1.1	0	— 1.1	57.3	68
	Jessore	000	0	0	00	00	97	00	0	157	71	0	0	9	0	0	61	81	000	0	0	00	00	97	00	0	179	66	0	0	9	0	0	57	53	— 2	— 0.7	0	— 0.7	62.3	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	164	71	0	0	9	0	0	59	76	000	0	0	31	05	98	00	0	187	67	0	0	9	0	0	57	58	—	—	0	—	59.0	65
	Sirajganj	000	0	0	00	00	xx	00	0	156	69	0	0	9	0	0	63	81	000	0	0	00	00	96	00	0	183	70	0	0	9	0	0	58	58	—	—	0	—	55.6	59
	Bogra	000	0	0	00	00	xx	02	0	159	71	0	0	9	0	0	61	80	000	0	0	31	02	96	00	0	191	72	0	0	9	0	0	58	58	—	—	0.7	0	49.9	64
	Dinajpur	000	0	0	00	00	xx	00	0	151	74	0	0	9	0	0	59	81	000	0	0	00	00	96	00	0	188	68	0	0	9	0	0	56	54	+ 1	— 2	0.3	— 0.5	53.6	69
	Rangpur	000	0	0	00	00	96	01	0	162	69	0	0	9	0	0	61	79	000	0	0	02	02	96	01	4	185	66	0	0	9	0	0	61	55	— 1	— 3	0	— 0.4	51.7	72
Kashmir	Jammu	...																																							
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	198	67	0	0	9	0	0	49	72	000	0	0	00	00	96	02	0	220	44	0	0	9	0	0	42	41	— 2	— 0.1	0.1	— 0.3	60.2	84
	Sialkot	000	0	0	00	00	98	00	0	190	65	0	0	9	0	0	50	71	000	0	0	00	00	98	00	0	206	55	0	0	9	0	0	45	43	— 6	+ 2	0	— 0.1	51.2	19
Rawalpindi	Jhelum	000	0	0	27	03	97	02	0	192	66	0	0	9	0	0	41	74	000	0	0	31	02	97	02	0	211	49	0	0	9	0	0	35	41	— 4	— 3	0.9	+ 0.8	35.9	32
	Rawalpindi	000	0	0	27	02	99	00	0	220	59	0	0	9	0	0	37	67	000	0	0	00	00	95	10	0	230	40	0	0	9	0	0	39	37	— 5	— 4	1.0	—	35.7	
	Campbellpur	000	0	0	05	02	98	00	0	186	64	0	0	9	0	0	51	67	000	0	0	13	02	98	00	0	217	47	0	0	9	0	0	35	36	—	—	1.7	+ 1.4	53.9	36
Sargodha	Khushab	000	0	0	00	00	99	00	0	208	64	0	0	9	0	0	39	70	000	0	0	00	00	99	00	0	212	40	0	0	9	0	0	28	38	— 8	— 8	0.8	—	12.6	
	Lyallpur	000	0	0	00	00	96	00	0	192	72	0	0	9	0	0	37	72	000	0	0	00	00	96	00	0	217	43	0	0	9	0	0	38	40	— 4	— 5	0	— 0.1	11.2	15
Multan	Montgomery	000	0	0	00	00	96	02	0	197	70	0	0	9	0	0	47	73	000	0	0	00	00	96	02	0	219	47	0	0	9	0	0	38	42	— 5	— 6	0.1	+ 0.1	10.2	10
	Multan	000	0	0	00	00	98	02	0	202	73	0	0	9	0	0	41	76	000	0	0	00	00	96	05	0	221	48	0	0	9	0	0	39	44	— 1	— 3	0	— 0.1	7.5	7
	Leiah	000	0	0	36	02	97	00	0	190	68	0	0	9	0	0	41	77	000	0	0	36	02	97	00	0	203	55	0	0	9	0	0	xx	39	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	203	70	0	0	9	0	0	45	76	000	0	0	00	00	95	05	0	220	53	0	0	9	0	0	41	42	— 5	— 5	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	196	72	0	0	9	0	0	54	83	000	0	0	00	00	98	00	0	225	49	0	0	9	0	0	45	41	+ 4	— 8	0	— 0.4	4.9	6
	Forc Abbas	000	0	0	36	02	97	00	0	213	69	0	0	9	0	0	47	73	000	0	0	00	00	98	00	0	231	48	0	0	9	0	0	31	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	183	61	0	0	9	0	0	32	63	000	0	0	36	02	97	00	0	224	40	0	0	9	0	0	35	36	—	—	0	— 0.1	12.6	6
	Peshawar	000	0	0	23	03	98	02	0	213	64	0	0	9	0	0	40	70	000	0	0	18	05	98	01	0	227	43	0	0	9	0	0	33	39	— 1	—	0	— 1.1	14.9	6
	Haripur	001	0	0	13	02	97	00	0	215	61	0	0	9	0	0	50	66	000	0	0	25	05	97	00	0	214	44	0	0	9	0	0	37	41	—	— 6	1.9	—	30.5	
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	202	69	0	0	9	0	0	36	xx	000	0	0	00	00	99	00	0	224	46	0	0	9	0	0	32	42	—	—	2.3	—	27.6	
	D. I. Khan	000	0	0	00	00	98	00	0	167	72	0	0	9	0	0	48	78	000	0	0	00	00	98	00	0	221	45	0	0	9	0	0	32	42	—	—	1.4	+ 1.1	19.2	11
Quetta	Sibi	000	0	0	00	00	98	00	0	211	69	0	0	9	0	0	43	78	000	0	2	00	00	97	03	1	234	45	0	0	9	0	0	31	42	—	—	1.9	—	30.5	
Kalat	Nokkundi	000	0	0	13	03	98	02	0	184	72	0	0	9	0	0	32	76	000	0	0	27	03	98	02	0	238	54	0	0	9	0	0	27	41	—	—	0.5	—	14.4	11
	Turbat	000	0	0	27	02	98	00	0	186	82	0	0	9	0	0	50	85	000	0	0	09	02	98	00	0	238	54	0	0	9	0	0	27	41	— 2	— 5	0	— 0.1	7.7	9
	Jiwani	000	0	2	16	09	97	02	1	197	78	1	1	6	3	0	60	80	000	...	...	...	...	...	...	...	211	56	0	0	9	0	0	53	xx	—	—	0	—	5.6	5
	Pasni	000	0	2	20	09	97	01	0	191	78	0	0	9	0	2	62	81	000	0	0	29	07	96	05	4	207	64	0	0	9	0	0	61	63	—	—	1.0	—	12.3	5
Karachi Division	Ormara	000	0	0	23	03	96	00	0	180	79	0	0	9	0	0	55	81	000	0	0	00	00	95	00	0	207	66	0	0	9	0	0	61	61	—	—	0	—	5.4	5
	Lasbela	000	0	0	00	00	98	00	0	167	82	0	0	9	0	0	45	85	000	0	0	00	00	98	00	0	213	61	0	0	9	0	0	49	55	—	—	0	—	9.9	6
	Karachi (Manora)	000	0	2	05	14	98	01	1	187	76	0	0	9	0	0	53	84	000	0	0	05	12	96	02	0	209	63	0	0	9	0	0	49	55	—	—	0	—	0	8
	Karachi (Airport)	000	0	1	05	07	96	03	0	193	77	0	0	9	0	1	25	81	000	0	0	36	03	96	02	0	212	57	0	0	9	0	0	47	59	+ 1	— 4	0	— 0.1	9.8	8
Hyder-abad	Nagarparker	000	0	0	05	01	97	00	0	158	79	0	0	9	0	0	59	81	000	0	0	00	00	97	00	0	205	61	0	0	9	0	0	49	xx	—	—	0	—	24.6	—
	Umerkot	000	0	0	36	03	98	02	0	181	78	0	0	9	0	0	45	80	000	0	0	02	01	97	02	0	210	50	0	0	9	0	0	36	46	—	—	0	—	27.3	—
	Hyderabad	000	0	0	36	05	97	02	0	195	75	0	0	9	0	0	40	78	000	0	0	36	02	97	02	0	217	57	0	0	9	0	0	xx	56	— 5	—	0	—	18.1	—
	Badin	000	0	0	36	07	97	00	0	202	77	0	0	9	0	0	63	84	000	0	0	36	02	97	00	0	226	52	0	0	9	0	0	43	48	— 1	— 8	0	— 0.2	12.9	7
Khairpur	Padidan	000	0	0	36	05	97	02	0	204	73	0	0	9	0	0	38	76	000	0	0	00	00	96	02	0	223	43	0	0	9	0	0	39	41	—	—	0	—	14.8	9
	Nawabshah	000	0	0	00	00	97	02	0	216	74	0	0	9	0	0	36	77	000	0	0	00	00	96	02	0	234	47	0	0	9	0	0	40	46	—	—	0	—	11.1	—
	Sukkur	000	0	0	20	02	97	02	0	202	75	0	0	9	0	0	40	78	000	0	0	13	02	95	05	0	219	59	0	0	9	0	0	45	52	—	—	0	—	9.3	—
	Kashmore	000	0	0	00	00	99	00	0	174	80	0	0	9	0	0	41	84	000	0	0	05	03	99	00	0	173	83	0	0	9	0	0	56	56	—	—	0	—	2.2	—
	Jacobabad	000	0	0	31	02	97	02	0	207	73	0	0	9	0	0	36	77	000	0	1	00	00	96	03	0	215	51	1	0	9	3	0	40	47	— 2	— 3	0	— 0.1	8.3	4
Junagadh	Veraval	...																																							
Afghanistan	Jalalabad	...																																							20
Arabia	Muscat	...																																							
	Kuwait	...																																							4
	HILL STATIONS**																																								8
Kashmir	Srinagar *	...																																							26
	Gulmarg **	...																																							
	Sonamarg **	...																																							71
	Dras **	...																																							25
	Leh **	...																																							6
	Skardu *	...																																							—
	Hisgar **	...																																							—
	Alabad *	...																																							—
	Gilgit *	...																																							5
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	544	45	0	0	9	0	0	18	52	000	0	0	16	02	98	00	0	540	42	0	0	9	0	0	12	36	— 1	— 2	3.2	+ 2.5	72.5	39
Peshawar	Drosh *	000	0	0	13	03	96	02	0	577	46	0	0	9	0	0	17	52	000	0	0	13	03	97	02	0	585	38	0	0	9	0	0	18	24	— 8	— 7	0.9	—	23.9	18
	Chitral *	000	0	0	29	07	98	00	0	557	52	0	0	9	0	0	40	56	000	0	0	05	05	98	00	0	610	37	0	0	9	0	0	41	33	— 5	— 3	1.7	+ 1.4	35.2	29
	Kakul *	000	0	0	31	03	98	00	0	552	55	0	0	9	0	0	31	60	000	0	0	34	02	99	00	0	539	44	0	0	9	0	0	22	40	—	—	3.7	—	40.0	—
	Landikotal *	000	0	0	23	02	99	00	0	545	54	0	0	9	0	0	32	57	000	0	0	00	00	99	00	0	525	41	0	0	9	0	0	29	36	—	—	1.8	—	15.0	—
D.I. Khan	Parachinar *	000	0	0	00	00	99	00	0	543	54	0	0	9	0	0	21	57	000	0	0	00	00	97	00	0	571	36	0	0	9	0	0	17	35	— 3	— 1	0.6	—	29.0	29
	Miranshah *	...																																							
	Wana *	000	0	0	00	00	99	00	0	542	63	0	0	9	0	0	29	57	000	0	0	00	00	99	00	0	512	37	0	0	9	0	0	23	36	—	—	0.1	— 0.1	7.8	13
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	558	62	0	0	9	0	0	12	64	000	0	0	00	00	98	02	0	562	37	0	0	9	0	0	11	31	— 2	— 4	0.1	0	11.3	11
	Hindubagh *	000	0	0	25	10	97	00	0	531	57	0	0	9	0	0	57	57	000	0	0	25	09	97	00	0	565	30	0	0	9	0	0	30	30	—	—	0.1	—	5.9	—
	Loralai *	000	0	0	00	00	99	00	0	525	58	0	0	9	0	0	56	77	000	0	0	27	03	99	00	0	515	43	0	0	9	0	0	10	33	—	—	0	—	5.6	—
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	—	9.9	—
	Quetta *	000	0	1	31	02	96	00	0	519	57	1	1	5	0	0	34	58	000	0	0	00	00	96	00	0	561	45	0	0	9	0	0	09	24	—	—	0.1	— 0.1	34.7	14
	Chaman *	000	0	4	27	03	98	01	1	550	61	4	0	9	0	0	29	70	000	0	0	09	05	98	00	0	561	44	0	0	9	0	0	09	24	—	—	0.4	+ 0.1	6.6	9
	Nushki *	000	0	0	18	02	98	02	0	591	67	0	0	9	4	0	09	64	000	0	0	09	05	98	00	0	561	44	0	0	9	0	0	06	35	— 1	— 5	0.5	+ 0.3	6.8	9
	Dalbandin *	000	0	0	23	03	98	02	0	567	71	0	0	9	0	0	23	73	000	0	2	05	02	97	03	0	536	37	2	0	9	2	0	09	35	— 4	— 1	0	—	3.8	8
Kalat	Kalat *	000	0	0	25	02	98	00	0	549	55	0	0	9	0	0	34	57	000	0	0	16	09	98	00	0	576	34	0	0	9	0	0	20	29	— 2	— 1	0.2	+ 0.1	2.8	4
Afghanistan	Panjgur *	000	0	0	27	02	98	02	0	554	71	0	0	9	0	0	30	72	000	0	0	05	02	98	02	0	543	49	0	0	9	0	0	18	36	+ 3	— 4	0.2	— 0.1	13.1	7
	Kabul *	...																																							5
	Kandhar *	...																																							12

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 30th NOVEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_sL_aL_s$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sC_Lh_s$	OT,$T_sT_dT_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tobsuk	43 154	823 00	3 07 07	98 0 10	090 79	33 x 00	24 1 10	...	...	...
Riyadhmaru	43 142	725 00	3 04 06	98 0 20	120 81	14 4 10	36 5 05	...	05 2 xx	10 4 22
Amra	43 080	530 00	5 05 05	99 0 12	104 81	42 0 00	55 7 40	...	05 3 xx	10 5 23
Dumra	43 212	698 06	0 03 11	98 0 20	186 79	00 9 00	75 1 01	...	05 7 68	10 3 22
Bantag	43 210	675 06	0 03 21	99 0 20	185 77	00 9 00	36 1 05	...	05 3 63	10 3 33
President arthur	43 197	595 06	4 08 16	98 0 20	210 84	42 6 00	59 1 03	...	00 4 67	10 9 23
Jalal Jamu	43 331	684 06	0 00 09	98 0 20	222 73	00 9 00	74 7 02	8 x xx	05 4 xx	10 1 22
Celtex Delhi	43 210	592 12	3 04 10	98 0 20	182 77	32 4 00	15 x xx	...	05 1 69	10 4 22
Butang	43 203	690 12	1 03 08	99 0 20	148 79	03 9 01	33 6 03	...	00 0 68	10 3 21
Dumra	43 222	688 12	0 03 09	98 0 20	165 82	00 9 00	75 4 00	...	04 4 72	10 3 22
Dumra	43 232	678 18	0 3 09	98 0 20	197 73	00 9 03	75 2 .2	...	05 6 57	10 3 22
Bankura	43 153	864 18	8 59 02	97 0 28	156 78	87 3 00	55 7 04	...	05 1 75	10 0 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$
						HHHTTTT$_d$T$_d$T$_d$						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...		00 00	015 150 128	...	...	148 108 992	~	310 068 998	436 022 995	581 552 992	752 675 998	961 846	232 068	...	...
Jiwani ...															
Karachi ...		00 00	017 162 048	169 215 085	...	154 148 015	...	317 038 525	440 532 668	582 602 672	751 705 995	959 825	231 045	...	...
Lahore ...		00 00	993 062 652	155 xxx xxx	...	...	...	...	...	...	...	...	...	...	...
Multan ...															
Peshawar ...		00 00	977 052 018	...	...	150 128 508	...	314 035 635	437 532 308	578 675 788	745 735 998	950 875	219 025	...	...
Quetta ...		00 50	837 032 615	...	...	...	...	310 822 998	423 710 990	559 775 995	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 132 035	406 355 977	...	...	...	...	...	...	...	406 355 977	...	...
Jiwani ...													
Karachi ...	00 00	908 182 015	800 105 505	...	...	...	...	...	...	...	800 105 505	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 142 028	800 105 455	...	...	...	...	...	...	...	800 106 455	...	...
Quetta ...	00 00	800 518 552	...	...	...	...	...	...	...	...	800 518 552	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	32 18	32 10	34 09	28 09	30 15	29 35	...	...	...	35 15	34 15	34 12	33 08	30 19	28 43	34 06	34 09	35 08	33 10	30 22	29 09	...	...	...	...	...
Chaklala ...	...	29 07	31 04	07 03	07 03	12 02	27 14	27 03	...	...	14 03	26 01	06 04	01 01	28 03	...	26 02	03 01	18 01	14 05	19 08	18 07	22 18	25 21	26 66	26 78
Chhor ...	03 10	03 10	03 10	35 04	30 09	25 18	26 34	25 35	26 40	07 13	05 11	06 07	08 07	02 06	20 11	05 16	02 13	02 10	12 11	03 06	16 17	27 20	28 18	26 42	25 56	...
Chittagong ...	31 09	03 04	02 04	27 06	26 11	...	...	...	...	26 15	36 12	34 08	27 11	02 61	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	35 07	01 02	36 02	...	...	...	...	...	...	36 20	36 15	35 08	27 07	17 12	27 24	35 19	35 06	28 05	24 11	27 16	28 33	29 21	30 26	27 24	...	...
Dacca ...	31 11	32 10	32 10	29 08	26 15	26 38	...	...	...	33 12	34 11	35 06	30 17	29 23	28 27	35 07	34 07	34 13	33 17	31 29	28 33	28 37	27 54	27 79	...	...
Dhanmondi ...	...	...	30 04	23 01	29 06	28 13	26 40	26 57	26 56	...	...	08 07	13 04	25 04	26 17	...	...	09 09	18 05	21 10	28 10	25 21	25 27	25 64	25 71	24 21
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dhrak ...	...	...	...	...	14 06	03 15	35 34	35 35	...	...	...	...	25 05	24 04	27 03	...	...	...	...	04 20	01 29	01 35	01 43	...	...	...
Fort Sandeman ...	...	...	...	32 03	30 09	30 13	27 32	26 41	26 55	...	...	...	23 06	31 10	28 14	...	...	...	22 05	28 10	30 07	27 09	25 34	26 50	...	...
Gandhbad ...	28 04	27 04	29 04	36 10	36 15	31 15	27 31	26 40	27 43	28 05	25 04	22 02	28 04	32 06	27 19	30 03	25 05	24 06	25 08	28 09	30 17	26 26	26 40	25 51	...	...
Jacobabad ...	33 12	34 13	34 12	33 08	27 19	28 28	...	...	...	36 09	36 09	35 09	34 14	30 19	27 22	35 13	35 16	36 16	33 15	31 17	28 26	29 30	28 35	29 35	...	...
Jhelum ...	29 06	31 07	32 06	08 02	31 01	16 01	11 14	26 37	26 41	31 10	32 10	33 06	06 03	34 01	21 03	31 02	35 07	02 03	21 02	21 02	14 10	18 09	19 08	20 06	...	...
Jiwani ...	16 07	17 06	17 04	28 04	31 08	29 11	28 32	26 39	26 49	27 05	28 03	27 06	27 08	27 07	25 07	31 07	27 10	26 08	21 06	24 08	28 15	26 24	27 36	25 51	...	...
Karachi ...	05 07	04 11	05 11	02 12	32 08	27 10	25 34	25 39	24 44	...	...	...	...	...	...	01 07	01 08	03 07	03 10	04 04	26 11	25 14	26 20	26 47	25 64	...
Khanpur ...	03 03	32 03	33 04	33 08	34 11	26 17	27 37	...	...	22 06	25 05	25 03	25 02	32 04	34 12	23 06	26 06	26 07	28 06	28 07	26 07	27 20	26 26	26 48	...	...
Lahore ...	31 04	32 06	32 05	31 04	24 03	32 12	25 08	28 15	28 27	32 07	32 08	29 08	32 05	33 02	26 03	33 01	34 07	31 09	30 09	28 10	27 08	27 11	26 27	26 41	...	...
Multan ...	02 01	35 03	33 05	34 09	31 11	29 13	27 28	27 42	...	03 02	02 02	01 03	34 05	33 05	30 12	21 08	21 11	21 11	29 11	29 13	27 22	27 22	25 39	25 48	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	29 06	32 06	29 14	26 27	26 35	26 42	...	...	...	26 07	23 07	25 13	...	...	...	25 04	24 04	26 11	25 15	26 26	...	...	...
Peshawar ...	...	31 08	33 08	35 04	34 05	21 04	28 13	23 27	35	...	24 01	27 01	31 03	31 06	30 10	...	16 04	35 03	30 09	21 06	20 08	20 15	20 15	24 25	36 51	...
Quetta ...	...	...	...	...	31 06	28 08	27 27	26 55	25 90	...	...	...	...	27 01	30 09	...	...	...	...	28 02	28 14	29 23	30 99	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sialkot ...	20 06	20 02	15 03	34 02	...	...	...	...	...	08 12	07 03	13 02	10 05	20 07	28 42	12 01	16 01	16 01	16 01	36 01	34 01	33 06	29 30	28 48	26 51	28 53
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.3	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	31 10	35 07	34 06	34 10	31 18	27 23	28 27	29 29	29 33	30 44	29 33	29 01	29 89	27 89	...	...	...	...
Karachi ...	04 14	04 10	05 08	06 09	04 12	27 08	27 23	26 32	26 42	24 61	25 74	25 95	25 90	...	...	...	...	...
Peshawar ...	...	05 08	19 05	26 15	36 21	36 12	11 25	29 19	26 31	27 45	26 78	...	...	...	...	...	...	...
Quetta ...																		

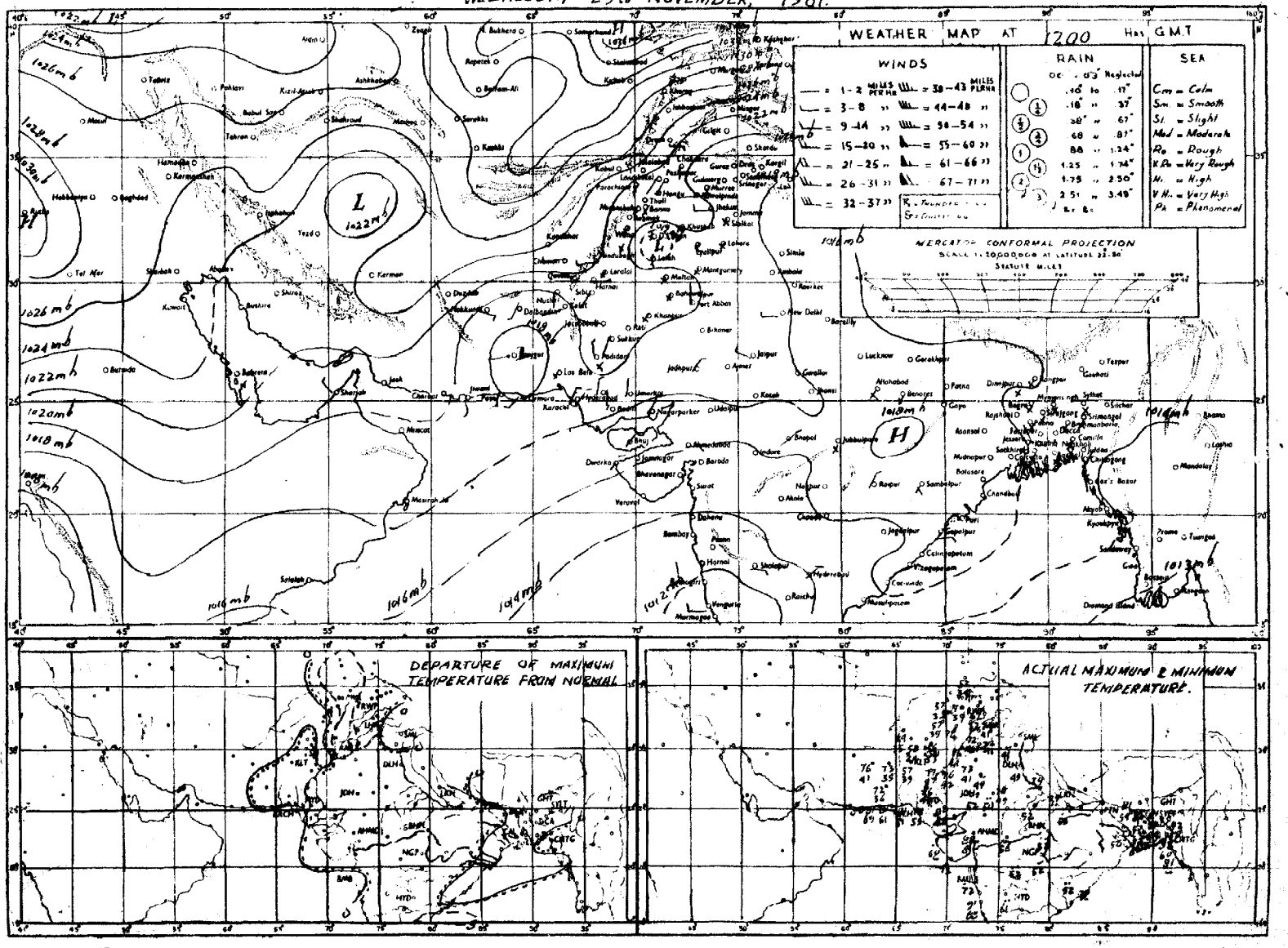
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

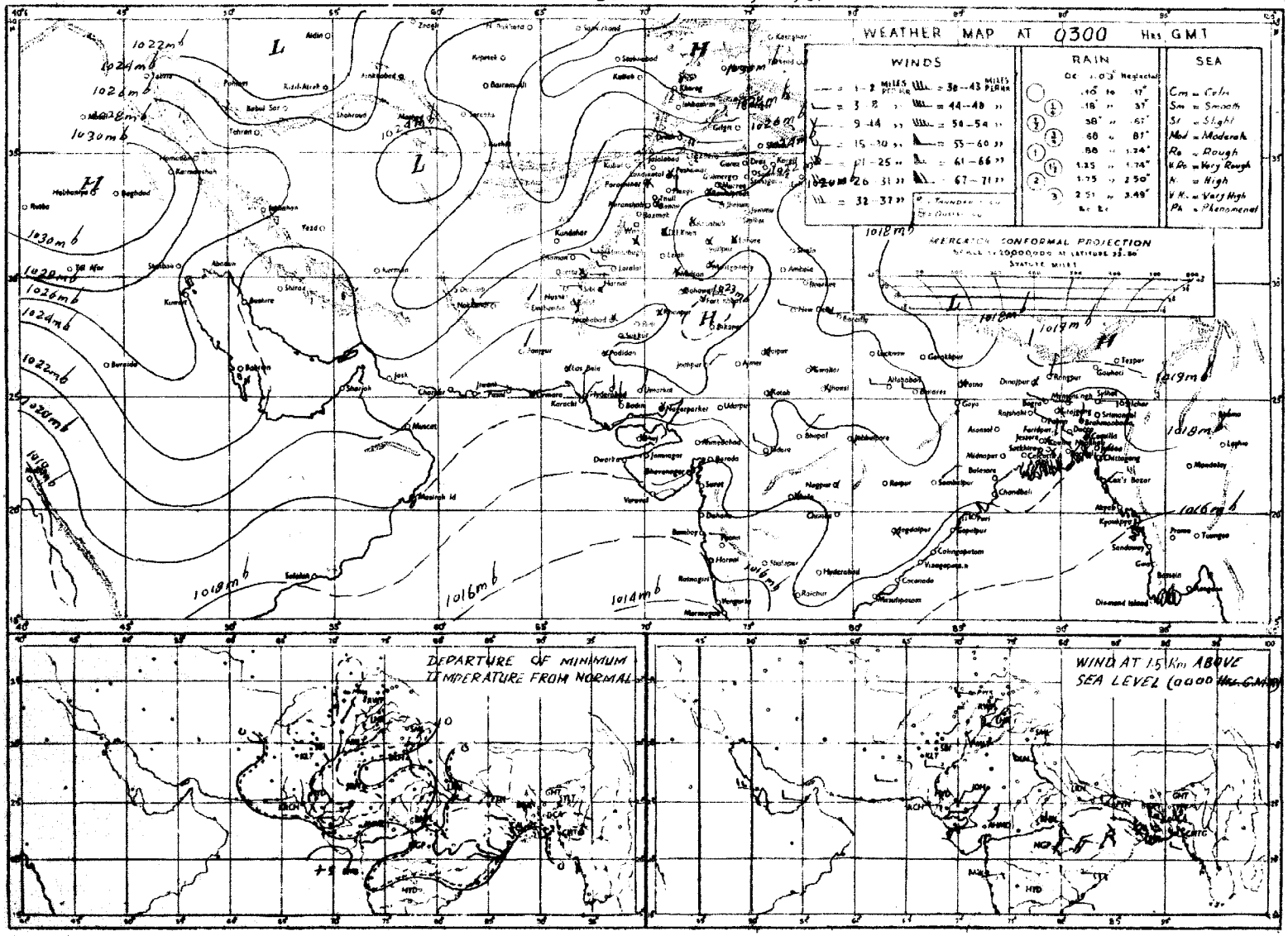
WEDNESDAY 29th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 30th NOVEMBER, 1961.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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OCT 31 1962

FRIDAY THE 1st, DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over northeast Iran is moving across east Russian Turkistan north of Afghanistan.
Weather remained dry over the country.
Night temperatures were generally 3—5°F below normal in Peshawar, Sargodha and Rawalpindi divisions.
Forecast valid until the evening of 2nd December, 1961:- Weather will continue to be dry over the country.

Karachi-11
The 1st December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	00	0	136	74	9	x	0	x	x	62	80
	Cox's Bazar	000	0	0	36	09	xx	00	0	120	73	0	0	9	0	0	61	82
	Chittagong	000	0	0	05	02	xx	00	0	127	71	0	0	9	0	0	58	81
	Maijdee Court	030	0	0	27	02	xx	10	0	129	70	0	0	9	0	0	57	xx
	Comilla	090	0	0	00	00	97	00	0	115	70	0	0	9	0	0	60	81
	Brahmanbaria	030	0	0	00	00	xx	00	0	131	71	0	0	9	0	0	63	80
	Sylhet	000	0	0	00	00	xx	02	0	128	70	1	1	6	0	0	60	82
	Srimangal	000	0	0	00	00	xr	00	0	xxx	63	0	0	9	0	0	59	83
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	131	73	0	0	9	0	0	61	82
	Narayanganj	000	0	0	00	00	xx	05	0	127	72	0	0	9	0	0	59	82
	Dacca (Tezgaon)	000	0	0	31	03	97	02	0	127	69	0	0	9	0	0	59	80
	Faridpur	000	0	0	00	00	95	05	0	153	74	0	0	9	0	0	64	77
Khulna	Barisal	000	0	0	00	00	96	02	1	131	74	0	0	9	0	0	66	79
	Khulna	000	0	0	00	00	xx	00	0	133	72	0	0	9	0	0	61	80
	Satkhira	000	0	0	00	00	97	00	0	164	74	0	0	9	0	0	60	80
	Jessore	000	0	0	36	02	96	02	0	146	64	0	0	9	0	0	62	77
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	133	70	0	0	9	0	0	60	79
	Sirajganj	000	0	0	00	00	xx	00	0	131	69	0	0	9	0	0	61	80
	Bogra	000	0	0	00	00	xx	02	0	128	72	0	0	9	0	0	60	78
	Dinajpur	000	0	0	00	00	xx	00	0	135	73	0	0	9	0	0	55	84
	Rangpur	000	0	1	00	00	xx	02	0	133	69	0	0	9	0	0	61	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	179	64	0	0	9	0	0	44	71
	Sialkot	000	0	0	00	00	98	00	0	163	63	0	0	9	0	0	52	71
Rawalpindi	Jhelum	000	0	0	27	02	98	02	0	174	65	0	0	9	0	0	46	74
	Rawalpindi	000	0	0	27	02	99	00	0	182	60	0	0	9	0	0	40	70
	Campbellpur	000	0	0	05	02	98	00	0	183	62	0	0	9	0	0	49	69
Sargodha	Khushab	000	0	0	00	00	99	00	0	171	70	0	0	9	0	0	42	79
	Lyallpur	000	0	0	00	00	96	00	0	180	72	0	0	9	0	0	49	72
Multan	Montgomery	000	0	0	00	00	96	00	0	179	68	0	0	9	0	0	47	75
	Multan	000	0	0	00	00	98	02	0	169	73	0	0	9	0	0	41	76
	Leiah	000	0	0	36	02	97	00	0	165	68	0	0	9	0	0	35	78
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	173	72	0	0	9	0	0	50	78
	Bahawalpur	000	0	0	00	00	98	00	0	xxx	74	0	0	9	0	0	55	82
	Fort Abbas	000	0	0	36	02	96	00	0	175	73	0	0	9	0	0	49	74
Peshawar	Chakdara	000	0	0	18	02	97	00	0	182	57	0	0	9	0	0	38	62
	Peshawar	000	0	0	00	00	98	00	0	183	64	0	0	9	0	0	41	69
	Haripur	000	0	0	23	02	97	00	0	184	61	0	0	9	0	0	48	69
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	173	65	0	0	9	0	0	43	68
	D. I. Khan	000	0	0	00	00	98	00	0	163	71	0	0	9	0	0	47	77
Quetta	Sibi	000	0	0	00	00	98	00	0	173	77	0	0	9	0	0	35	79
Kalat	Nokkundi	000	8	7	00	00	97	03	2	158	73	7	0	9	4	0	34	77
	Turbat	000	0	0	27	02	98	00	0	xxx	83	0	0	9	0	0	50	87
	Jiwani	000	0	2	23	14	97	02	0	178	77	0	0	9	0	1	64	80
	Pasni	000	0	2	20	09	97	03	0	164	80	0	0	9	0	3	64	85
Karachi Division	Ormara	000	0	0	27	05	96	00	0	160	78	0	0	9	0	0	64	81
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	0	27	12	96	00	0	162	79	0	0	9	0	0	65	86
	Karachi (Airport)	000	0	0	23	02	96	02	0	166	78	0	0	9	0	0	55	86
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	139	80	0	0	9	0	0	61	83
	Umarkot	000	0	0	34	01	98	02	0	159	79	0	0	9	0	0	45	83
	Hyderabad	000	0	0	00	00	97	02	0	166	77	0	0	9	0	0	41	82
	Badin	000	0	0	00	00	97	00	0	181	79	0	0	9	0	0	53	81
Khairpur	Padidan	000	0	0	00	00	97	02	0	171	77	0	0	9	0	0	37	79
	Nawabshah	000	0	0	00	00	96	02	0	173	77	0	0	9	0	0	41	80
	Sukkur	000	0	0	16	02	97	02	0	169	75	0	0	9	0	0	51	77
	Kashmore	000	0	0	00	00	99	00	0	188	77	0	0	9	0	0	35	84
	Jacobabad	000	0	0	00	00	97	02	0	175	75	0	0	9	0	0	49	78
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	09	02	98	00	0	527	43	0	0	9	0	0	21	52
Peshawar	Drosh *	000	0	0	13	05	96	02	0	535	47	0	0	9	0	0	11	51
	Cherat *	000	0	0	31	05	98	00	0	513	53	0	0	9	0	0	45	61
	Kakul *	000	0	0	16	03	98	00	0	529	53	0	0	9	0	0	32	61
	Landikotal *	000	0	0	23	02	99	00	0	489	56	0	0	9	0	0	34	59
	Parachinar *	000	0	0	13	01	99	00	0	538	54	0	0	9	0	0	11	58
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	536	62	0	0	9	0	0	31	66
	Wana *	000	0	0	00	00	99	00	0	513	41	0	0	9	0	0	21	xx
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	535	63	0	0	9	0	0	17	65
	Hindubagh *	000	0	7	25	10	97	00	0	514	xx	7	0	8	1	0	19	52
	Loralai *	000	0	6	16	03	99	00	2	326	57	0	0	9	0	0	16	65
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	6	31	02	96	02	0	540	53	6	3	5	0	0	28	54
	Chaman *	000	0	7	27	03	98	02	1	530	59	7	2	5	0	0	09	62
	Nushki *	000	0	3	31	09	98	03	0	581	67	3	0	9	4	0	29	72
	Dalbandin *	000	0	4	18	03	97	03	0	574	69	1	1	8	4	0	18	74
Kalat	Kalat *	000	0	0	02	03	98	00	0	510	53	0	0	9	0	0	31	57
	Panjgur *	000	0	0	18	02	98	03	0	535	70	6	7	6	0	0	35	73
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of: Maximum Temperature TxTx (37)	Departure from Normal of: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Rangamati	000	0	0	36	02	96	00	4	171	67	0	0	9	0	0	64	61	—	—	0	—	155.5	—
Cox's Bazar	000	0	2	05	09	97	02	0	146	72	0	0	9	4	8	59	62	— 1	0	0.9	— 2.3	156.7	140
Chittagong	000	0	0	02	02	96	00	0	154	72	0	0	9	0	0	61	58	0	— 2	0.1	— 2.1	170.7	100
Maijdee Court	000	9	0	00	00	98	00	4	157	69	0	0	9	0	0	62	56	x	— 5	0	— 1.5	124.5	115
Comilla	000	0	0	00	00	97	00	0	144	69	0	0	9	0	0	61	56	— 1	— 1	0	— 1.3	76.9	94
Brahmanbaria	000	0	0	31	02	97	00	0	159	70	0	0	9	0	0	60	58	—	—	0	— 1.1	65.4	78
Sylhet	000	4	1	09	09	96	03	4	151	67	1	1	6	0	0	61	58	—	—	0.1	—	—	—
Srimangal	000	0	0	00	00	96	00	0	xxx	69	0	0	9	0	0	60	50	— 2	— 1	1.0	— 0.4	52.1	90
Mymensingh	000	0	0	00	00	97	00	0	147	65	0	0	9	0	0	60	56	+ 2	— 3	0.3	— 0.6	62.1	[illegible]
Narayanganj	000	0	0	00	00	96	05	4	157	74	0	0	9	0	0	53	59	+ 1	— 1	0.4	— 0.6	73.0	[illegible]
Dacca (Tezgaon)	000	0	0	00	00	97	02	0	132	69	0	0	9	0	0	55	55	—	—	0	—	81.2	[illegible]
Faridpur	000	0	0	36	02	95	05	0	159	67	0	0	9	0	0	55	57	— 3	— 1	0	— 1.1	87.9	[illegible]
Barisal	000	0	0	36	01	97	02	4	157	71	0	0	9	0	0	55	53	— 2	— 6	0	— 1.5	65.4	[illegible]
Khulna	000	0	0	03	00	97	00	0	162	70	0	0	9	0	0	53	57	— 1	— 1	0	— 1.1	57.3	[illegible]
Satkhira	000	0	0	00	00	97	00	0	163	69	0	0	9	0	0	54	56	— 3	+ 1	0	— 1.7	62.2	[illegible]
Jessore	000	0	0	31	02	97	00	0	162	66	0	0	9	0	0	55	52	—	—	0	— 0.9	59.0	[illegible]
Pabna	000	0	0	31	05	97	00	0	160	68	0	0	9	0	0	56	54	—	—	0	—	55.6	[illegible]
Sirajganj	000	0	0	00	00	96	00	0	157	65	0	0	9	0	0	54	57	—	—	0.7	0	49.9	[illegible]
Bogra	000	0	0	31	02	96	02	0	154	65	0	0	9	0	0	53	56	— 2	— 1	0.3	— 0.5	53.7	[illegible]
Dinajpur	000	0	0	00	00	96	00	0	156	72	0	0	9	0	0	57	52	+ 4	— 3	0	— 0.4	51.7	[illegible]
Rangpur	000	0	0	31	02	96	01	4	157	63	0	0	9	0	0	58	53	— 1	— 2	0.1	— 0.3	60.2	[illegible]
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	200	45	0	0	9	0	0	38	40	— 7	— 2	0	— 0.1	51.2	[illegible]
Sialkot	000	0	0	00	00	98	00	0	197	52	0	0	9	0	0	45	42	— 4	— 3	0.9	+ 0.7	35.9	[illegible]
Jhelum	000	0	0	13	02	96	02	0	196	43	0	0	9	0	0	37	40	—	—	1.0	—	35.7	
Rawalpindi	000	0	0	00	00	97	10	0	211	38	0	0	9	0	0	37	36	— 2	— 3	1.7	+ 1.4	53.9	[illegible]
Campbellpur	000	0	0	05	02	98	00	0	212	44	0	0	9	0	0	39	35	—	—	0.8	—	12.6	[illegible]
Khushab	000	0	0	00	00	99	00	0	193	41	0	0	9	0	0	36	39	+ 1	— 6	0	— 0.1	11.2	[illegible]
Lyallpur	000	0	0	00	00	96	00	0	201	42	0	0	9	0	0	40	41	— 4	— 2	0.1	— 0.1	13.9	[illegible]
Montgomery	000	0	0	00	00	96	00	0	190	50	0	0	9	0	0	39	43	— 3	— 4	0.1	+ 0.1	10.2	[illegible]
Multan	000	0	0	00	00	98	02	0	185	53	0	0	9	0	0	34	51	— 1	+ 6	0	— 0.1	7.6	7
Leiah	000	0	0	23	02	97	00	0	196	48	0	0	9	0	0	39	38	—	—	0	—	10.6	[illegible]
Khanpur	000	0	0	00	00	96	02	0	185	54	0	0	9	0	0	42	47	— 3	+ 1	0	— 0.1	12.6	[illegible]
Bahawalpur	000	0	0	00	00	98	00	0	168	51	0	0	9	0	0	40	45	+ 1	0	0	0	4.9	[illegible]
Fort Abbas	000	0	0	14	02	98	00	0	207	48	0	0	9	0	0	36	44	—	—	0	—	3.1	[illegible]
Chakdara	000	0	0	18	02	99	00	0	222	40	0	0	9	0	0	35	36	—	—	2.3	—	27.6	—
Peshawar	000	0	0	00	00	97	02	0	212	40	0	0	9	0	0	35	38	— 2	— 5	1.4	+ 1.0	19.2	[illegible]
Haripur	000	0	0	31	03	97	00	0	198	45	0	0	9	0	0	33	39	—	—	1.9	—	30.5	—
Bannu	000	0	0	00	00	99	00	0	198	42	0	0	9	0	0	32	41	—	—	0.5	—	14.4	11
D. I. Khan	000	0	0	00	00	98	00	0	194	43	0	0	9	0	0	39	40	+ 1	— 3	0	— 0.2	7.7	9
Sibi	000	0	0	36	02	97	00	0	197	49	0	0	9	0	0	31	45	—	—	0	—	5.6	5
Nokkundi	000	0	2	07	03	98	02	1	222	55	0	0	9	1	0	35	51	—	—	0	—	1.0	2
Turbat	000	0	0	09	02	98	00	0	194	65	0	0	9	0	0	52	xx	—	—	1.0	—	12.3	—
Jiwani	000	0	1	34	03	97	01	0	186	66	0	0	9	0	1	59	65	—	—	0	—	3.8	5
Pasni	000	0	4	29	02	97	03	0	183	65	0	0	9	0	4	60	63	+ 4	+ 5	0	— 0.2	5.4	6
Ormara	000	0	2	00	00	95	02	1	175	67	2	0	9	0	1	64	63	—	—	0	0	9.9	6
Lasbela	000	0	0	00	00	98	00	0	174	63	0	0	9	0	0	48	56		—	0	—	0	[illegible]
Karachi (Manora)	000	0	3	02	10	95	05	1	184	63	0	0	9	4	0	40	60	+ 5	— 3	0	— 0.1	9.8	[illegible]
Karachi (Airport)	000	0	6	00	00	96	02	1	189	58	6	0	9	3	0	38	56	—	—	0	—	24.6	—
Nagarparkar	000	0	0	00	00	97	00	0	158	63	0	0	9	0	0	50	xx	—	—	0	—	27.3	—
Umarkot	000	0	8	02	01	97	02	0	179	52	8	4	7	0	0	33	48	—	—	0	—	18.1	—
Hyderabad	000	0	5	00	00	97	02	2	188	59	3	0	7	3	8	45	58	— 1	+ 4	0	— 0.1	12.9	7
Badin	000	0	4	36	02	97	00	1	184	57	1	0	9	0	0	47	52	— 4	— 2	0	— 0.2	14.8	9
Padidan	000	0	1	00	00	96	01	0	189	49	0	0	9	0	8	45	43	—	—	0	—	11.1	—
Nawabshah	000	0	3	00	00	96	01	0	190	52	3	0	9	3	0	43	50	—	—	0	—	9.3	—
Sukkur	000	0	0	00	00	94	05	0	191	57	0	0	9	0	0	51	51	—	—	0	—	2.2	4
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Jacobabad	000	0	0	31	00	97	02	0	194	54	0	0	9	0	0	38	50	— 1	+ 1	0	— 0.1	8.3	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	0	0	09	05	98	00	0	509	36	0	0	9	0	0	13	31	— 1	— 6	3.2	+ 2.5	72.5	59
Drosh *	000	0	0	00	00	96	02	0	557	35	0	0	9	0	0	27	35	— 9	— 4	0.9	—	23.9	18
Cherat *	000	0	0	00	00	98	00	0	510	46	0	0	9	0	0	39	40	0	— 5	1.7	+ 1.3	35.2	29
Kakul *	000	0	0	36	02	98	00	0	525	42	0	0	9	0	0	24	40	—	—	3.7	—	40.0	—
Landikotal *	000	0	0	00	00	99	00	0	507	43	0	0	9	0	0	27	35	—	—	1.9	—	15.0	—
Parachinar *	000	0	0	00	00	99	00	0	532	34	0	0	9	0	0	18	35	— 2	0	0.6	—	29.8	29
Miranshah *	000	0	0	05	05	99	00	0	510	50	1	0	9	0	0	24	37	—	—	0.1	— 0.1	7.8	13
Wana *	000	0	0	00	00	99	00	0	513	53	0	0	9	0	0	17	38	—	—	0.5	—	11.9	11
Fort Sandeman *	000	0	0	00	00	98	02	0	549	43	0	0	9	0	0	13	36	— 1	0	0.1	— 0.1	11.3	11
Hindubagh *	000	0	0	27	05	97	00	0	533	40	0	0	9	0	0	21	28	—	—	0.1	—	5.9	—
Loralai *	000	0	0	29	03	99	00	0	328	57	0	0	9	0	0	13	37	—	—	0	—	5.6	9
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.1	34.7	14
Quetta *	000	0	0	00	00	96	00	0	552	46	0	0	9	0	0	11	26	—	—	0.4	+ 0.1	4.7	9
Chaman *	000	0	0	09	05	98	00	0	550	43	0	0	9	0	0	20	38	— 1	0	0.5	+ 0.3	6.8	8
Nushki *	000	0	0	00	00	98	02	0	589	55	0	0	9	0	0	21	51	—	—	0	—	3.8	—
Dalbandin *	020	0	2	05	03	97	03	0	535	43	2	0	9	3	0	17	41	+ 5	+ 4	0.2	+ 0.1	2.8	4
Kalat *	000	0	0	18	05	98	00	0	560	33	0	0	9	0	0	22	29	— 2	+ 2	0.2	— 0.1	13.1	7
Panjgur *	000	0	1	05	02	98	02	0	553	52	0	0	9	1	0	27	36	+ 4	— 5	0.2	—	5.2	8
Kabul *																							12
Kandhar *																							

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 1st DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_sh_s$	$OT_wT_wT_dT_d$	$Id_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	53 343	669 00	0 02 71	98 0 20	206 73	00 9 00	85 4 00	...	05 2 57	12 3 22
Tobruk	53 171	630 00	x xx xx	96 0 31	010 73	33 3 60	24 1 10	...	...	...
Leicester phere	53 088	694 00	2 30 10	99 0 20	101 82	21 3 00	25 6 09	...	00 0 73	13 0 21
Calsex	53 137	589 12	3 32 19	98 0 20	181 79	34 4 01	x5 6 19	...	05 2 87	13 2 20
Vinaros	53 237	589 12	6 34 09	99 0 32	210 74	61 5 00	36 4 01	...	05 5 66	13 4 20
Dumra	53 248	669 12	0 28 06	98 0 20	166 77	00 9 00	65 7 20	...	00 1 68	12 0 22
Dumra	53 248	654 18	0 36 03	98 0 20	190 75	00 9 00	65 0 01	...	05 2 70	13 6 50

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 132 108	109 172 135	...	150 122 028	..	310 078 999	436 035 999	581 562 999	752 658 999	...	...	...	...
Jiwani ...														
Karachi ...	00 00	015 152 055	153 210 999	...	152 178 999	...	315 040 999	439 015 999	584 572 999	754 700 999	962 810	238 012	...	...
Lahore ...	00 00	MISCA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	875 062 022	...	...	149 088 555	...	308 502 668	428 602 725	555 692 835	724 775 999	931 872	205 975	398 830	686 020
Quetta ...	00 00	836 018 552	...	...	...	...	312 545 999	433 550 999	574 630 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 142 112	...	...	...	...	...	...	...	...	900 142 112	...	...
Jiwani ...													
Karachi ...	00 00		...	...	...	...	...	...	...	...	200 012 999	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	939 102 018	900 105 532	800 062 595	...	...	...	...	...	...	800 062 595	...	...
Quetta ...	00 00	810 055 758	880 045 722	743 000 999	...	...	...	...	...	...	743 000 999	...	...

PPP—Pressure in hundred tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 07	31 07	29 09	31 06	31 06	31 15	31 50	30 65	...	33 13	33 06	32 03	30 10	29 27	29 53	29 06	32 06	29 05	31 03	31 13	30 40	29 57	28 57	...	...	...
Chaklala ...																										
Chhor ...	14 10	02 10	03 13	03 11	02 11	03 08	26 15	26 22	26 25	07 09	03 04	02 06	01 09	36 09	26 15	05 06	02 08	02 09	02 10	24 07	25 17	25 27	...	...	...	...
Chittagong ...	35 12	02 06	36 12	32 12	28 11	..	...	...	..	36 16	36 13	36 13	32 16	28 19	26 20	36 06	33 08	30 10	27 13	28 23	28 31	29 27	30 29	29 29	...	...
Cox's Bazar ...	36 14	01 11	02 07	36 08	32 10	...	...	...	...	01 20	36 19	35 17	28 12	27 12	27 10	01 15	05 11	35 12	30 09	28 16	27 19	28 22	29 32	31 27	28 28	...
Dacca ...	29 15	32 10	34 07	32 10	30 23	29 31	29 36	29 49	29 49	33 13	33 08	31 06	31 11	30 26	29 27	30 06	30 04	31 08	31 15	30 28	29 34	28 38	28 44	30 50	29 48	...
Dalbandin ...			31 02	32 02	30 09	26 19	26 21	26 32	...	...	...	07 09	07 11	34 04	26 11	...	...	07 09	06 15	05 06	26 09	24 17	25 35	27 36	27 51	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 12	36 19	01 29	32 31	...	...	...	...	02 04	06 03	03 02	...	...	...	...	04 06	01 20	36 22	35 32	...	...	...
Fort Sandeman ...			29 07	29 08	29 10	29 25	27 54	26 54					24 04	31 13	28 15				23 03	31 08	33 15	30 19	28 25	26 35	...	...
Jacobabad ...	30 02	28 03	28 05	29 06	32 09	30 14	27 17	26 36	26 35	27 07	30 04	25 04	20 03	24 07	28 21	25 07	34 06	01 05	23 01	27 06	27 13	27 25	26 44	26 53	...	...
Jessore ...	32 09	32 11	...	...	...	...	...	...	...	33 15	33 20	32 18	32 21	30 22	28 26	31 11	31 13	30 15	31 22	30 25	28 40	...	...	...	...	...
Jhelum ...	29 03	27 03	27 02	27 01	13 02	16 08	26 19	25 27	26 48	31 06	32 12	31 18	30 20	31 20	29 25	29 04	32 06	32 12	30 15	29 19	28 13	28 14	28 10	27 28	...	...
Jiwani ...	24 12	27 07	30 07	30 10	28 13	27 18	26 21	27 31	26 50	28 12	30 08	31 07	29 10	26 06	27 17	31 12	29 11	29 09	33 09	34 07	28 16	27 24	26 34	26 42	26 48	...
Karachi ...	07 01	06 04	04 05	04 03	31 07	28 16	24 19	26 36	25 35	...	...	...	...	...	...	01 07	36 05	01 05	02 06	06 06	26 05	27 19	26 33	25 47	26 60	...
Khanpur ...	23 08	14 07	23 06	29 07	28 13	27 17	31 20	28 28	...	25 13	24 13	27 12	30 15	32 13	30 21	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	31 06	30 08	31 08	31 13	31 08	29 14	28 13	27 18	25 24	34 12	33 13	32 17	32 17	31 21	...	29 04	31 09	32 10	33 12	32 13	29 23	27 24	31 19	24 35	27 45	...
Multan ...	16 07	20 08	20 08	29 08	29 14	29 23	31 31	33 35	...	19 09	21 09	21 10	26 09	26 09	28 09	34 06	36 07	35 08	36 05	30 08	29 17	28 16	27 23	25 36	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	25 08	25 08	28 13	29 18	25 35	...	...	...	...	03 12	13 06	23 05	...	...	...	36 12	06 05	23 04	27 06	27 31	26 45	25 51	25 72
Peshawar ...	...	27 06	28 07	28 09	28 10	29 11	14 04	14 10	...	...	14 06	18 05	29 06	01 03	25 07	...	08 01	34 03	27 16	27 27	31 13	01 07	36 09	29 29	...	...
Quetta ...	...	...	...	...	31 01	26 09	26 17	...	...	NO	Ascent		...	...	...	...	...	...	...	31 03	31 07	29 09	29 14	28 19	...	...
Sharjah ...																										
Sylhet ...	23 06	25 04	26 04	30 03	07 06	08 10	...	...	...	10 05	09 03	10 02	06 03	34 03	29 17	xx xx	xx xx	xx xx	15 03	01 05	30 28	29 25	28 60	28 59	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	32 16	33 13	33 08	29 08	30 17													
Karachi ...	04 09	25 10	33 08	33 06	34 06	36 08	25 19	26 36	25 49	25 66	26 84	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

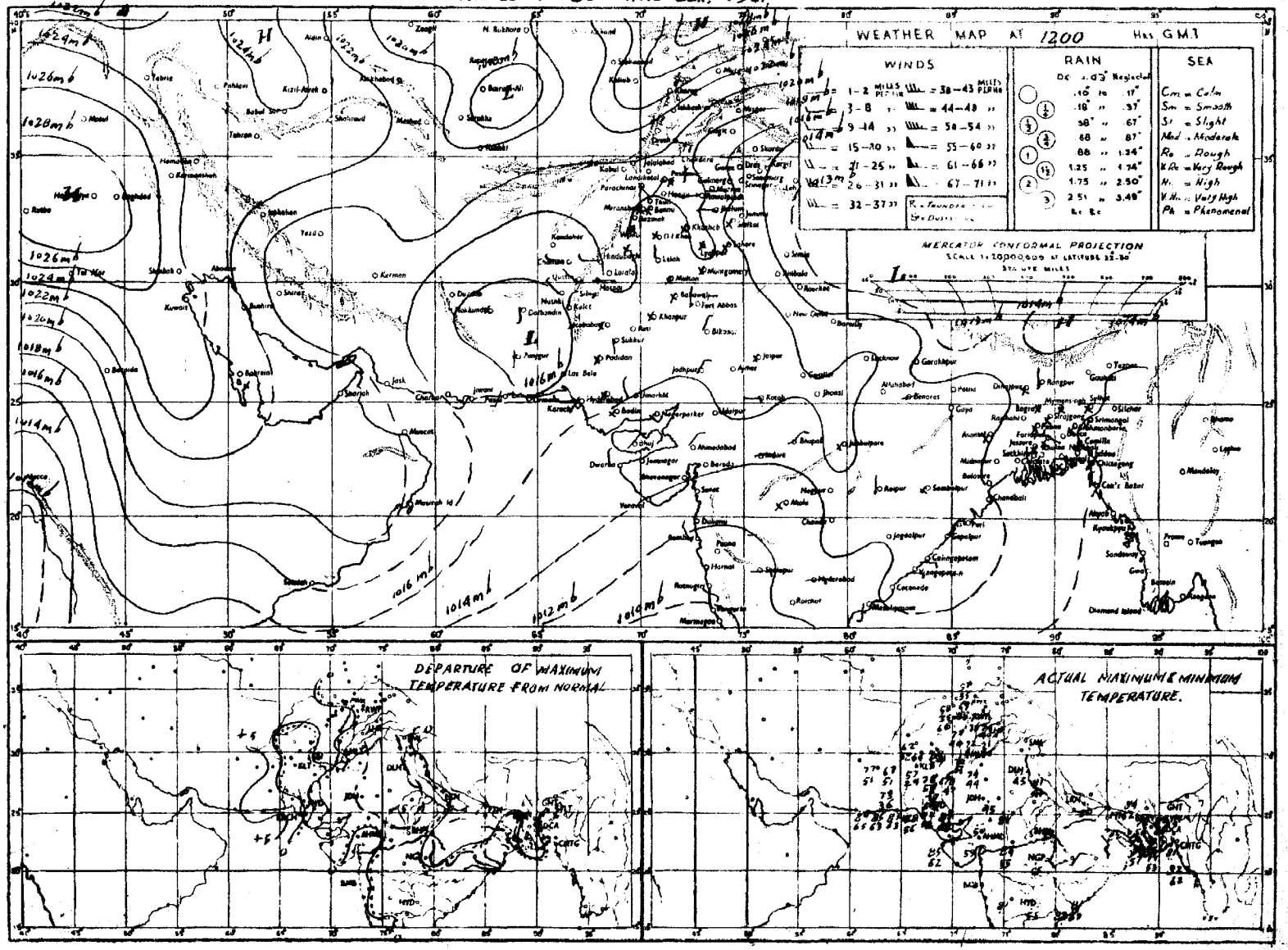
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

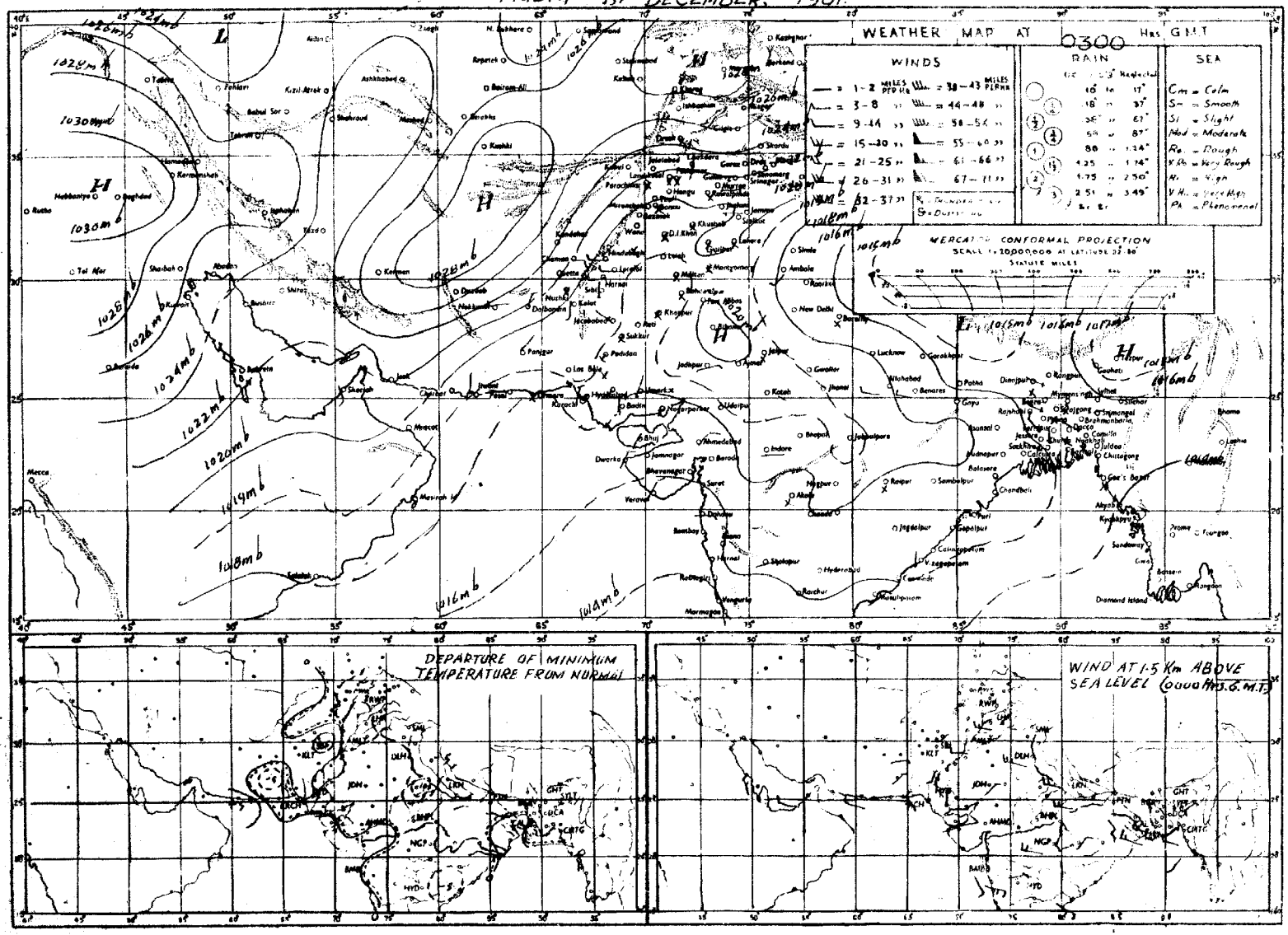
THURSDAY 30th NOVEMBER, 1961.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 1st DECEMBER, 1961



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 2nd DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance is now moving across north of Peshawar division.

Weather remained dry over the country.

Night temperatures were 3-6°F below normal in Lahore, Rawalpindi, Sargodha, Multan and D. I. Khan divisions and 3-5°F above normal in Coastal Kalat, Khairpur and Hyderabad divisions.

Forecast valid until the evening of 3rd December, 1961:—Weather will remain dry over the country.

Karachi-11
The 2nd December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date															Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CH	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	4	06	05	xx	02	0	124	72	9	x	0	x	x	62	80																							
	Chittagong	000	0	0	31	08	xx	02	0	109	79	0	0	9	0	0	60	81	000	0	0	36	05	97	02	0	143	72	0	0	9	0	0	60	60	—	0	— 2	1.0	— 2.3	156.7	140
	Maijdee Court	000	0	0	00	00	xx	00	0	115	71	0	0	9	0	0	60	80	000	0	0	05	02	96	00	0	147	70	0	0	9	0	0	60	57	—	0	— 3	0.1	— 2.1	170.7	108
	Comilla	000	0	0	00	00	97	02	0	101	71	0	0	9	0	0	61	80	000	9	0	00	00	98	00	4	152	69	0	0	9	0	0	56	53	—	1	— 1	0	— 1.6	124.5	115
	Brahmanbaria	000	0	0	00	00	xx	00	1	115	71	0	0	9	0	0	63	80	000	0	0	00	00	97	02	0	141	67	0	0	9	0	0	57	53	—	1	— 4	0	— 1.3	77.0	94
	Sylhet	000	0	3	00	00	xx	01	1	109	69	1	1	6	7	1	63	80	000	0	0	00	00	97	00	0	157	70	0	0	9	0	0	58	xx	—	—	—	0	— 1.1	65.4	78
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	115	71	0	0	9	0	0	69	79	000	0	0	00	00	96	00	0	144	66	0	0	9	0	0	59	56	—	0	— 3	0.3	— 0.6	62.1	91
	Narsyanganj	000	0	3	00	00	97	01	0	115	70	0	0	9	0	0	57	79	000	9	0	00	00	96	10	4	152	68	0	0	9	0	0	58	57	—	1	— 3	0.4	— 0.6	73.0	74
	Dacca (Tejgaon)	000	0	2	27	05	97	01	0	112	67	0	0	9	0	0	57	79	000	0	0	00	00	97	02	0	149	67	0	0	9	0	0	59	53	—	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	119	77	0	0	9	0	0	59	77	000	0	0	34	02	95	05	0	161	65	0	0	9	0	0	56	54	—	1	— 4	0	— 1.0	87.9	71
Khulna	Barisal	000	0	0	00	00	96	02	1	112	75	0	0	9	0	0	67	79	000	6	0	05	02	96	02	4	150	68	0	0	9	0	0	56	57	—	1	— 2	0	— 1.5	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	116	71	0	0	9	0	0	57	80	000	0	0	00	00	95	00	0	154	70	0	0	9	0	0	56	56	—	0	— 2	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	127	74	0	0	9	0	0	53	80	000	0	0	00	00	97	00	0	158	68	0	0	9	0	0	55	57	—	2	— 2	0	— 1.8	62.2	65
	Jessore	000	0	0	00	00	97	00	0	111	70	0	0	9	0	0	60	77	000	0	0	27	02	97	00	0	154	62	0	0	9	0	0	57	50	—	—	—	0	— 0.9	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	116	68	0	0	9	0	0	54	79	000	0	0	31	05	95	10	0	155	66	0	0	9	0	0	55	55	—	—	—	0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	115	67	0	0	9	0	0	57	79	000	0	0	31	02	96	00	0	150	65	0	0	9	0	0	56	56	—	0	— 1	0.7	0	58.0	64
	Bogra	000	0	0	13	02	xx	02	0	112	70	0	0	9	0	0	58	79	000	0	0	31	02	96	02	0	148	65	0	0	9	0	0	56	56	—	0	— 1	0.3	— 0.5	53.6	66
	Dinajpur	000	0	0	00	00	xx	00	0	111	71	0	0	9	0	0	55	81	000	0	0	00	09	96	00	0	143	64	0	0	9	0	0	49	53	+	2	— 2	0	— 0.4	51.7	72
	Rangpur	000	0	1	00	00	xx	01	0	120	69	1	0	9	1	0	60	79	000	0	0	1	27	02	96	01	0	148	63	1	0	9	1	0	58	54	—	0	— 1	0.1	— 0.3	60.2	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	161	65	0	0	9	0	0	48	69	000	0	0	00	00	94	10	0	182	44	0	0	9	0	0	38	39	—	4	— 3	0	— 0.1	54.2	19
	Sialkot	000	0	0	00	00	98	00	0	154	65	0	0	9	0	0	46	73	000	0	0	00	00	98	00	0	176	53	0	0	9	0	0	42	41	—	4	— 4	0.9	+ 0.7	35.9	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	158	64	0	0	9	0	0	46	73	000	0	0	00	00	96	02	0	179	44	0	0	9	0	0	39	39	—	—	—	1.0	—	88.7	—
	Rawalpindi	000	0	0	00	00	97	02	0	166	58	0	0	9	0	0	39	68	000	0	0	00	00	97	10	0	191	40	0	0	9	0	0	38	36	—	3	— 3	1.7	+ 1.4	53.9	36
	Campbellpur	000	0	0	05	05	98	00	0	157	62	0	0	9	0	0	45	64	000	0	0	00	00	98	00	0	188	46	0	0	9	0	0	36	35	—	—	—	0.8	—	12.6	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	163	76	0	0	9	0	0	36	78	000	0	0	00	00	99	00	0	186	47	0	0	9	0	0	32	37	+	2	— 8	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	165	69	0	0	9	0	0	46	70	000	0	0	00	00	94	05	4	190	41	0	0	9	0	0	39	40	—	3	— 3	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	165	69	0	0	9	0	0	53	72	000	0	0	00	00	96	00	0	185	48	0	0	9	0	0	41	41	—	5	— 6	0.1	+ 0.1	10.2	10
	Multan	000	0	0	00	00	98	02	0	157	71	0	0	9	0	0	43	74	000	0	0	00	00	96	05	0	180	49	0	0	9	0	0	44	44	—	2	— 1	0	— 0.1	7.5	7
	Leiah	000	0	0	36	02	97	00	0	157	70	0	0	9	0	0	39	76	000	0	0	36	02	97	00	0	179	43	0	0	9	0	0	43	39	—	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	151	76	0	0	9	0	0	48	81	000	0	1	00	00	96	02	0	179	49	1	0	9	3	0	42	42	+	2	— 4	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	95	00	0	153	73	0	0	9	0	0	48	83	000	0	0	00	00	98	00	0	179	49	0	0	9	0	0	43	43	+	6	— 2	0	—	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	162	74	0	0	9	0	0	48	81	000	0	0	00	00	98	00	0	190	48	0	0	9	0	0	39	41	—	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	159	69	0	0	9	0	0	29	61	000	0	0	18	02	96	00	0	192	40	0	0	9	0	0	33	35	—	—	—	2.3	—	37.6	—
	Peshawar	000	0	0	00	00	97	00	0	172	61	0	0	9	0	0	42	68	000	0	0	00	00	98	00	0	201	40	0	0	9	0	0	35	38	—	2	— 5	1.4	+ 1.0	19.2	11
	Haripur	000	0	0	13	03	97	00	0	166	60	0	0	9	0	0	48	68	000	0	0	31	07	97	00	0	178	44	0	0	9	0	0	32	38	—	—	—	1.9	—	20.5	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	157	71	0	0	9	0	0	34	72	000	0	0	00	00	99	02	0	187	41	0	0	9	0	1	33	39	—	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	156	70	0	0	9	0	0	33	75	000	0	0	00	00	98	00	0	176	45	0	0	9	0	0	36	39	—	0	— 4	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	23	03	98	00	0	152	80	0	0	9	0	0	29	85	000	0	0	36	03	97	00	0	183	59	0	0	9	0	0	22	49	—	—	—	0	—	5.6	5
Kalat	Nokkundi	000	9	1	16	03	98	01	1	169	74	0	0	9	0	0	39	77	000	0	0	36	03	98	02	0	257	47	0	0	9	0	0	19	43	—	—	—	0	—	1.0	2
	Turbat	000	9	0	05	02	98	00	1	134	85	0	0	9	0	0	41	89	000	0	0	09	04	98	00	0	175	71	0	0	9	0	0	30	xx	—	—	—	1.0	—	12.3	—
	Jiwani	000	6	6	05	14	97	03	1	154	79	1	1	6	0	1	50	81	000	0	0	7	36	03	97	03	0	186	62	0	0	9	0	2	44	64	—	—	—	0	—	3.8	5
	Pasni	000	8	6	20	09	97	03	1	145	79	0	1	9	0	4	65	84	000	0	0	6	34	05	97	02	2	173	70	0	0	9	0	0	42	65	+	4	— 7	0	— 0.2	5.4	6
Karachi Division	Ormara	000	0	6	27	04	96	03	1	141	80	6	4	6	0	1	61	82	000	0	0	3	00	00	96	01	1	168	63	3	1	6	0	0	47	56	—	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	2	131	86	0	0	9	0	0	77	91	000	0	0	0	00	00	98	00	0	156	65	0	0	9	0	0	47	56	—	—	—	0	0	8	8
	Karachi (Manora)	000	0	5	25	10	98	03	2	144	83	0	0	9	0	1	72	86	000	0	0	4	05	95	05	1	177	65	4	0	9	4	0	54	63	—	5	— 0	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	2	25	05	96	01	1	149	78	0	0	9	0	2	62	87	000	0	0	4	00	00	96	12	2	179	60	2	0	9	4	0	45	56	—	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	2	09	01	97	00	0	109	81	0	0	9	0	0	49	84	000	0	0	00	00	97	00	0	168	64	0	0	9	0	0	51	xx	—	—	—	0	—	27.3	—
	Umerkot	000	0	5	36	01	98	02	0	161	80	0	0	8	5	0	48	85	000	0	0	00	02	97	02	0	170	55	0	0	9	0	0	30	52	—	—	—	0	—	18.1	—
	Hyderabad	000	0	3	00	00	97	02	0	151	79	0	0	8	0	1	45	86	000	0	0	3	36	02	97	03	0	180	61	0	0	9	0	0	49	59	+	4	— 5	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	167	83	0	0	9	0	0	45	85	000	0	0	36	02	97	00	0	165	58	0	0	9	0	0	52	55	+	2	— 1	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	00	00	97	02	0	155	79	0	0	9	0	0	48	83	000	0	0	2	00	00	97	01	1	178	51	0	0	9	0	0	47	49	—	—	—	0	—	11.1	—
	Nawabshah	000	0	1	00	00	96	02	0	154	80	0	0	9	0	0	49	81	000	0	0	5	00	00	96	03	0	183	53	0	0	9	0	5	45	52	—	—	—	0	—	9.3	4
	Sukkur	000	0	0	36	02	97	02	0	149	79	0	0	9	0	0	49	81	000	0	0	0	02	02	94	05	0	179	56	0	0	9	0	0	48	54	—	—	—	0	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	158	76	0	0	9	0	0	31	84	000	0	0	00	00	99	00	0	194	58	0	0	9	0	0	43	46	—	—	—	0	—	1.8	4
	Jacobabad	000	0	0	31	02	97	02	0	153	81	0	0	9	0	0	38	82	000	0	1	09	02	97	02	0	163	55	1	0	9	3	0	40	52	+	4	— 3	0	— 0.1	8.3	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							—
Arabia	Muscat																																							4
	Kuwait																																							5
	HILL STATIONS																																							—
Kashmir	Srinagar °																																							24
	Gulmarg °°																																							71
	Sonamarg																																							26
	Dras																																							2
	Leh																																							6
	Skardu																																							—
	Minimarg																																							5
	Allabad																																							—
	Gilgit																																							—
Rawalpindi	Murree	000	0	0	07	02	98	00	0	507	44	0	0	9	0	0	33	50	000	0	0	31	02	98	00	0	512	38	0	0	9	0	0	03	34	—	2	— 3	3.2	+ 2.4	72.5	59
Peshawar	Drosh	000	0	0	13	02	96	02	0	532	48	0	0	9	0	0	10	52	000	0	0	00	00	97	02	0	545	36	0	0	9	0	0	17	xx	—	5	—	0.9	—	23.9	18
	Chitral	000	0	0	34	09	98	00	0	512	52	0	0	9	0	0	46	57	000	0	0	05	07	98	00	0	510	46	0	0	9	0	0	37	42	—	2	— 3	1.7	+ 1.3	35.2	29
	Kakul	000	0	0	23	03	98	00	0	514	52	0	0	9	0	0	34	58	000	0	0	31	02	99	00	0	510	43	0	0	9	0	0	20	39	—	—	—	3.7	—	40.0	—
	Landikotal	000	0	0	00	00	99	00	0	509	57	0	0	9	0	0	32	60	000	0	0	00	00	99	00	0	490	39	0	0	9	0	0	25	38	—	0	—	1.9	—	15.0	—
	Parachinar	000	0	0	13	01	99	00	0	512	55	0	0	9	0	0	08	59	000	0	0	00	00	99	00	0	541	34	0	0	9	0	0	14	34	—	—	—	0.6	—	29.2	—
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	491	65	0	0	9	0	0	25	69	000	0	0	00	07	05	98	00	0	498	48	0	0	9	0	0	16	40	—	—	—	0.1	+ 1.0	7.8	13
	Wana	000	0	0	00	00	99	00	0	509	59	0	0	9	0	0	05	64	000	0	0	00	00	99	00	0	517	38	0	0	9	0	0	16	30	—	—	—	0.5	—	11.9	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	528	62	0	0	9	0	0	12	64	000	0	0	00	00	98	02	0	533	45	0	0	9	0	0	14	41	—	1	— 5	0.1	— 0.1	11.3	11
	Hindubagh	000	0	0	27	10	97	02	0	532	55	0	0	9	0	0	21	66	000	0	0	23	03	97	00	0	532	43	0	0	9	0	0	19	31	—	—	—	0.1	—	5.9	—
	Loralai	000	0	0	13	02	99	00	0	356	38	0	0	9	0	0	18	65	000	0	0	23	02	99	00	0	338	44	0	0	9	0	0	17	36	—	—	—	0	—	5.6	9
	Harnai	000	0	0	00	01	96	00	0	xxx	xx	x	x	9	0	0	37	56	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	12	26	—	—	—	0.1	— 0.2	34.7	14
	Quetta	000	0	0	00	00	96	00	0	531	55	0	0	9	0	0	37	56	000	0	0	00	00	96	00	0	537	45	0	0	9	0	0	19	37	—	—	—	0.8	— 0.1	6.7	9
	Chaman	000	0	0	27	07	98	00	0	528	60	0	0	9	0	0	18	62	000	0	0	27	05	98	00	0	537	45	0	0	9	0	0	19	37	—	—	—	0.5	+ 0.2	6.8	8
	Noshki	000	0	0	31	05	98	02	0	531	64	0	0	9	0	0	43	69	000	0	0	05	05	98	02	0	585	34	0	0	9	0	0	13	51	—	—	—	0	—	3.8	—
	Dalbandin	000	8	1	09	07	97	01	0	550	68	1	0	9	3	0	23	71	000	9	1	00	00	97	03	0	539	39	0	0	9	0	1	23	34	+	2	— 3	0.2	+ 0.1	2.8	4
Kalat	Kalat	000	0	0	31	05	98	00	0	520	50	0	0	9	0	0	09	57	000	0	0	31	03	98	00	0	544	30	0	0	9	0	0	30	22	—	1	— 5	0.2	— 0.1	13.1	7
	Panjgur	000	0	1	36	05	98	02	0	529	68	0	0	9	0	1	31	71	000	0	1	05	02	98	02	0	530	45	0	0	9	0	0	27	42	—	2	— 1	0.2	—	5.2	5
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Cents.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 2nd DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tobruk	63 200	600 06	4 04 08	98 0 21	115 18	22 x 49	14 1 20	...	...	...
Straat Johore	63 215	681 06	1 02 13	98 0 21	164 77	00 9 01	75 2 21	...	00 0 63	10 2 21
Esalsage	63 168	549 06	2 05 20	99 0 21	189 82	00 9 08	56 0 00	...	00 3 65	10 5 22
Tobruk	63 207	610 12	4 04 09	98 0 21	080 81	11 x 42	14 6 35	...	...	...
British Resource	63 188	595 12	3 01 13	98 0 21	148 77	12 4 65	15 3 10	...	05 2 71	10 1 33
Dumra	63 249	621 12	2 25 04	98 0 20	151 79	00 9 01	65 7 20	...	00 2 68	12 5 22
Straat Johore	63 228	672 12	3 02 10	98 0 30	143 76	00 9 07	75 2 04	...	05 1 58	10 2 21
Srama	63 211	616 18	4 04 18	98 0 21	176 77	xx x xx	76 2 18	...	05 1 66	10 4 23
Straat Johore	63 241	666 18	3 01 04	98 0 20	164 73	00 9 02	85 1 08	...	04 2 67	10 1 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb $HHHTTTT_dT_dT_d$	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 125 108	103 162 108	...	144 105 008	...	308 080 990	434 010 990	577 590 990	748 665 998	957 840	228 068	...	...
Jiwani ...														
Karachi ...	00 00	012 202 158	124 232 075	...	150 132 525	...	311 042 582	435 515 992	578 598 959	746 722 995	953 832	226 035	407 115	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	974 045 012	...	...	147 008 108	...	310 068 612	436 002 672	579 572 738	751 658 992	963 778	...	...	...
Quetta ...	00 00	836 505 585	...	...	...	...	309 618 995	425 720 990	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 118 038	...	...	...	...	...	...	...	...	900 118 038	...	...
Jiwani ...													
Karachi ...	00 00	900 155 515	800 092 955	...	...	...	...	...	...	...	800 929 955	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	800 115 522		...	...	...	...	...	...	...	800 115 522	...	...
Quetta ...	00 00	815 502 612	800 522 612	...	...	...	...	...	...	...	800 522 612	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	26 05	27 05	27 04	05 02	30 21	29 53	...	...	...
Chaklala ...	...	29 10	32 07	33 03	32 06	01 04	31 09	30 20	29 29
Chhor ...	03 04	04 06	05 07	05 05	09 09	27 21	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	36 13	01 10	36 10	32 12	30 09	...	...	...	...
Dacca ...	29 12	30 09	31 08	29 10	29 25	29 41	27 49	...	...
Dalbandin ...	...	...	08 06	05 04	36 05	29 09	27 26	27 41	26 48
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	12 11	09 11	23 05	30 03	09 05
Fort Sandeman ...	...	...	...	29 04	29 06	28 12	27 24	27 30	27 41
Jacobabad ...	30 04	35 04	33 03	29 02	29 07	27 21	28 32	27 48	36 51
Jessore ...	28 08	29 08	29 07	31 22	32 30	30 37	...	...	...
Jhelum ...	29 06	31 08	31 09	32 09	31 11	32 05	30 14	30 29	29 26
Jiwani ...	28 12	29 12	29 09	02 06	03 02	31 14	28 31	27 29	26 37
Karachi ...	24 06	36 03	03 05	03 07	13 02	30 11	27 33	27 45	27 52
Khanpur ...	04 04	35 04	35 07	28 18	28 19	28 27	29 29	...	...
Lahore ...	23 03	32 06	31 07	30 07	30 10	29 17	29 09	30 19	29 26
Multan ...	05 09	04 13	04 14	34 06	30 11	28 16	29 23	28 34	28 39
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 03	14 03	28 14	27 33	26 42	26 46
Peshawar ...	...	12 03	14 04	23 05	30 15	32 30	34 26	34 29	...
Quetta ...	...	...	...	...	29 10	27 11	27 23	26 37	27 79
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 05	20 04	24 04	18 03	19 03	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	34 11	34 07	10 03	27 03	29 13	...
Chaklala ...	...	35 01	33 09	32 13	32 11	28 06
Chhor ...	06 06	04 04	02 04	36 04	36 07	27 17
Chittagong ...	36 13	35 08	35 09	28 16	29 22	29 28
Cox's Bazar ...	01 21	01 17	36 13	36 14	36 19	36 25
Dacca ...	33 10	33 05	26 05	30 06	30 15	30 23
Dalbandin ...	...	...	08 09	04 08	31 06	35 12
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	36 07	32 11	31 16
Fort Sandeman ...	...	...	...	01 03	01 04	06 06
Jacobabad ...	35 17	34 01	30 07	27 06	24 15	31 19
Jessore ...	32 09	32 15	31 18	29 19	29 29	29 30
Jhelum ...	32 07	32 22	27 10	32 17	32 11	30 09
Jiwani ...	01 14	06 19	07 16	07 13	06 11	31 03
Karachi ...	...	...	...	...	...	...
Khanpur ...	35 04	29 05	32 09	33 13	32 12	29 25
Lahore ...	32 07	31 10	30 12	31 15	31 19	31 15
Multan ...	25 01	26 03	27 07	31 10	29 11	29 17
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 18	02 09	36 02
Peshawar ...	...	19 01	18 03	29 04	31 10	32 38
Quetta ...	...	...	...	...	29 07	30 10
Sharjah ...	...	...	...	...	...	...
Sylhet ...	03 02	24 01	13 03	16 03	20 06	29 38
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 03	21 02	11 02	31 11	30 26	29 49	...	...	...	...	...
Chaklala ...	...	18 01	31 09	31 12	30 10	31 12	29 18	27 21	27 23	27 45	...
Chhor ...	05 05	06 06	05 04	34 03	31 03	27 04	...	...	...	...	...
Chittagong ...	33 04	32 06	29 11	29 11	29 17	29 21	...	...	...	...	...
Cox's Bazar ...	36 11	35 09	34 10	27 10	27 20	28 27	...	...	...	...	...
Dacca ...	30 09	28 07	28 06	29 13	28 26	29 39	28 48	...	...	...	...
Dalbandin ...	...	...	08 07	05 13	01 12	35 17	31 15	31 17	29 25	27 61	26 97
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 11	02 15	01 21	34 37	...	...	...
Fort Sandeman ...	...	...	...	25 03	31 13	33 21	30 33	28 27	28 37	...	...
Jacobabad ...	35 10	31 09	29 07	29 12	27 13	31 12	27 32	27 45	27 43	37 53	...
Jessore ...	30 05	32 11	32 13	29 27	28 28	30 35	29 53	...	...	...	...
Jhelum ...	31 03	31 12	32 17	31 16	30 15	30 12	25 21	26 25	26 32	27 47	25 67
Jiwani ...	04 15	05 20	05 21	06 14	05 07	25 06	27 15	26 22	26 24	25 40	...
Karachi ...	04 05	05 07	05 06	02 05	05 06	30 06	28 25	...	...	...	...
Khanpur ...	33 12	34 13	34 11	29 11	29 17	28 29	30 25	...	...	...	...
Lahore ...	32 05	31 13	31 17	31 20	31 21	31 21	29 26	26 24	26 40	26 64	...
Multan ...	21 04	29 04	29 02	23 07	27 12	31 21	27 39	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 14	01 22	01 12	27 25	26 35	26 36	26 50	26 68
Peshawar ...	...	08 01	36 02	30 12	30 29	32 31	34 24	...	...	...	...
Quetta ...	...	...	...	...	34 08	32 18	30 33	30 47	30 62	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 03	19 06	19 06	12 04	08 06	xx xx	28 67	28 72	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	32 16	31 06	29 04	29 12	29 23	29 37	30 59	27 26	29 37	62 55	26 37	27 54	...	...	...	...	...	...
Karachi ...	34 15	02 11	02 09	06 03	34 04	29 07	26 23	26 33	26 41	26 25	25 67	25 93	...	...	...	...	...	...
Peshawar ...	...	02 08	06 08	01 09	32 23	26 36	28 14	29 25	28 23	27 22	24 31	22 35	...	...	...	...	...	...
Quetta ...																		

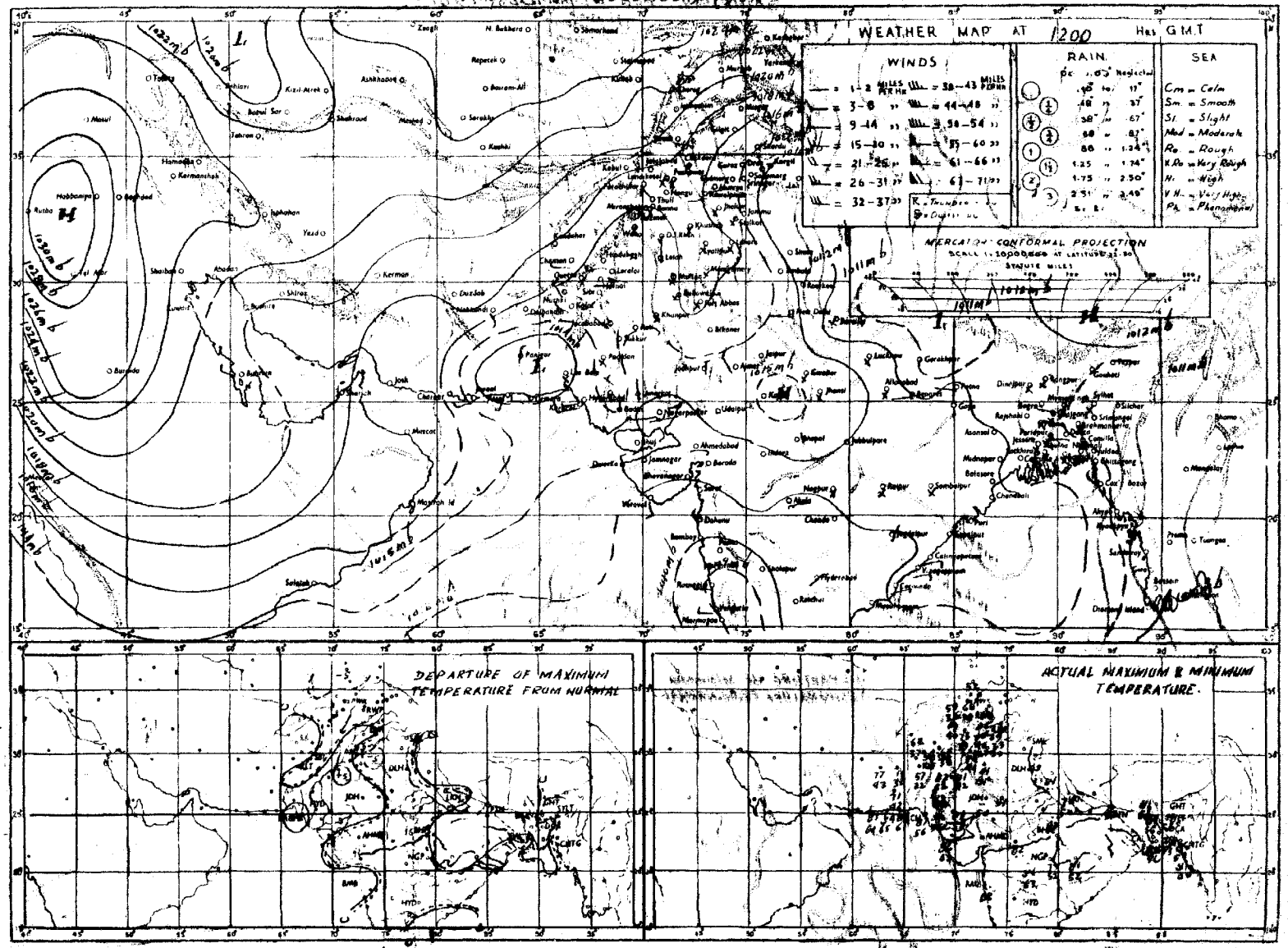
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

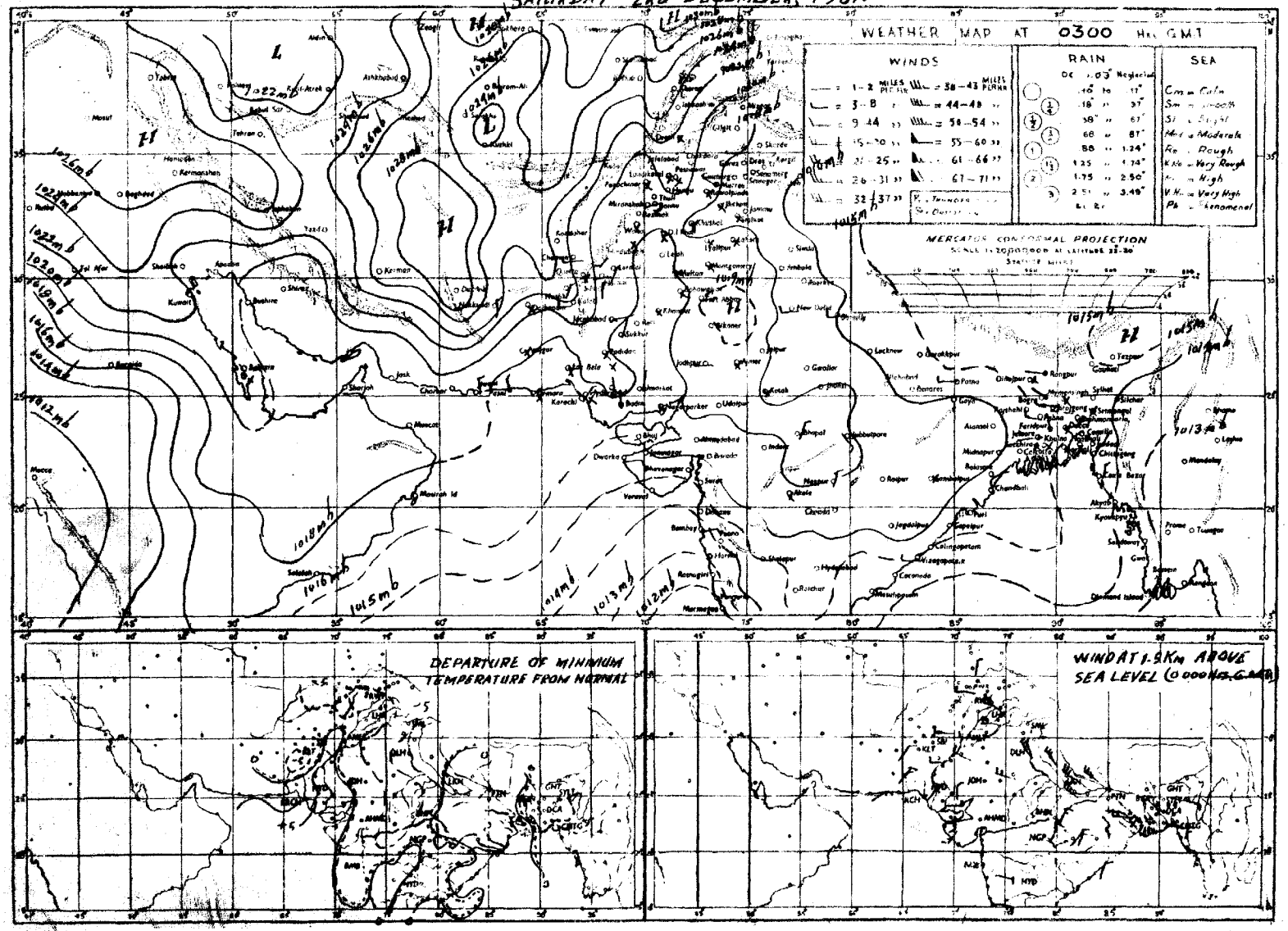
FRIDAY, 1st DECEMBER, 1961



Rainfall amounts indicated in the above chart refer to past hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 2nd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 3rd DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The western disturbance north of Peshawar division moved away eastwards.

Dry weather continued to prevail over the country.

Chief amounts of rainfall are :

Night temperatures were generally 4-6°F below normal in West Pakistan outside Sargodha, D. I. Khan, Hyderabad, Karachi and Coastal Kalat divisions.

Forecast valid until the evening of 4th December, 1961:—Weather will remain dry over the country.

Karachi-11
The 3rd December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISION	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																		At 0300 Hrs. G.M.T. of date												Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	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	Ramgarh																		000	4	0	36	05	96	00	4	178	69	0	0	9	0	0	63	63					155.5	
	Cox's Bazar	000	0	0	00	00	xx	02	0	117	71	0	0	9	0	0	57	80	000	0	1	03	05	97	03	0	187	71	1	0	9	3	0	60	60	—	1	—	2	0.9	—	136.7	140
	Chittagong	000	0	0	00	00	xx	02	0	121	70	0	0	9	0	0	59	79	000	0	0	05	02	96	00	0	168	69	0	0	9	0	0	61	56	—	1	—	4	0.1	— 2.1	170.7	108
	Maijdee Court	000	0	0	00	00	xx	10	0	121	72	0	0	9	0	0	57	79	000	9	0	00	00	98	00	4	167	68	0	0	9	0	0	59	53	—	1	—	8	0	— 1.6	124.5	115
	Comilla	000	0	8	00	00	xx	02	0	118	70	0	0	9	0	0	60	81	000	0	0	36	02	97	02	0	170	68	0	0	9	0	0	59	55	—	0	—	2	0	— 1.3	76.9	94
	Brahmanbaria	000	0	8	00	00	xx	00	0	116	70	0	0	9	0	0	60	78	000	0	0	00	00	97	00	0	169	68	0	0	9	0	0	59	57	—		—		0	— 1.1	65.4	78
	Sylhet	000	0	0	00	00	xx	01	0	116	69	0	0	9	0	0	60	78	000	0	0	99	05	96	02	0	169	65	0	0	9	0	0	62	58	—		—		0.1			—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	57	81	000	0	0	00	00	96	00	0	xxx	68	0	0	9	0	0	59	50	—	2	—	1	1.0	— 0.5	52.1	99
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	122	71	0	0	9	0	0	61	78	000	0	0	31	02	96	00	0	170	61	0	0	9	0	0	58	57	—	1	—	2	0.3	— 0.6	62.1	91
	Narayarganj	000	9	0	00	00	xx	05	4	122	70	0	0	9	0	0	56	80	000	0	0	00	00	96	10	4	171	68	0	0	9	0	0	58	58	—	0	—	2	0.4	— 0.6	73.0	74
	Dacca (Tarigaon)	000	0	0	00	00	96	02	0	118	67	0	0	9	0	0	57	78	000	0	0	31	02	96	02	4	166	65	0	0	9	0	0	60	53	—		—		0		81.2	—
	Faridpur	000	0	0	00	00	95	05	0	121	73	0	0	9	0	0	57	75	000	0	0	34	02	95	05	0	159	66	0	8	9	0	0	59	54	—	3	—	4	0	— 1.1	87.6	71
Khulna	Barisal	000	0	0	00	00	96	02	1	119	74	0	0	9	0	0	64	79	000	9	0	36	01	96	02	4	173	69	0	0	9	0	0	58	57	—	1	—	2	0	— 1.6	65.4	81
	Khulna	000	0	0	00	00	xx	02	0	124	70	0	0	9	0	0	57	81	000	0	0	00	00	97	00	4	176	71	0	0	9	0	0	55	56	—	1	—	2	0	— 1.1	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	134	68	0	0	9	0	0	51	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	2	—					65
	Jessore	000	0	0	00	00	97	00	0	124	65	0	0	9	0	0	56	76	000	0	0	36	02	97	00	0	164	61	0	0	9	0	0	56	49	—		—		0	— 0.9	59.0	63
Rajshahi	Pabna	000	0	1	00	00	xx	02	0	125	67	0	0	9	0	1	57	77	000	0	0	31	05	95	10	0	175	65	0	0	9	0	0	54	54	—		—		0	—	55.6	59
	Sirajganj	000	0	0	00	00	xx	00	0	121	65	0	0	9	0	0	62	79	000	0	0	00	00	96	00	0	169	65	0	0	9	0	0	58	59	0		+	2	0.7	0	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	115	79	0	0	9	0	0	61	xx	000	0	0	37	03	96	02	0	169	68	0	0	9	0	0	55	55	xx		—	2	0.3	— 0.5	53.6	69
	Dinajpur	000	0	0	00	00	00	00	0	112	72	0	0	9	0	0	59	81	000	0	0	00	00	96	00	0	166	71	0	0	9	0	0	59	51	+	2	—	3	0	— 0.4	51.6	72
	Rangpur	000	0	0	00	00	xx	01	0	125	68	0	0	9	0	0	59	79	000	0	0	36	02	94	07	0	154	63	0	0	9	0	0	58	53		0	—	2	0.1	— 0.3	60.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	148	47	0	0	9	0	0	44	72	000	0	0	27	02	94	10	0	195	41	0	0	9	0	0	39	38	—	5	—	4	0	— 0.1	51.2	19
	Sialkot	000	0	0	00	00	98	00	0	142	44	0	0	9	0	0	47	67	000	0	0	00	00	97	00	0	195	54	0	0	9	0	0	46	41	—	6	—	4	0.9	+ 0.7	35.9	32
Rawal-pindi	Jhelum	000	0	0	31	03	98	02	0	143	46	0	0	9	0	0	32	73	000	0	0	27	02	97	02	0	190	43	0	0	9	0	0	36	37	—		—		1.0	—	35.7	—
	Rawalpindi	000	0	0	27	03	99	00	0	151	60	0	0	9	0	0	34	66	000	0	0	00	00	96	10	0	212	36	0	0	9	0	0	35	35	—	5	—	4	1.7	+ 1.4	53.9	36
	Campbellpur	000	0	0	00	00	98	00	0	147	43	0	0	9	0	0	45	66	000	0	0	05	05	98	00	0	211	43	0	0	9	0	0	38	35	—		—		0.8	—	12.6	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	157	71	0	0	9	0	0	45	77	000	0	0	00	00	99	00	0	xxx	45	0	0	9	0	0	43	44	+	1	—	1	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	144	72	0	0	9	0	0	42	77	000	0	0	00	00	96	00	0	183	44	0	0	9	0	0	37	40	+	4	—	3	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	154	60	0	0	9	0	0	49	77	000	0	0	00	00	96	02	0	198	47	0	0	9	0	0	40	42	—	0	—	5	0.1	+ 0.1	10.2	10
	Multan	000	0	0	09	02	98	02	0	154	71	0	0	9	0	0	41	80	000	0	0	xx	xx	96	02	0	200	45	0	0	9	0	0	42	42	+	4	—	3	0	— 0.1	7.5	7
	Leiah	000	0	0	09	02	97	00	0	147	69	0	0	9	0	0	40	78	000	0	0	13	02	97	00	0	195	45	0	0	9	0	0	32	38	—		—		0	—	10.6	8
Bahawal-pur	Khanpur	000	0	0	00	00	96	02	0	146	78	0	0	9	0	0	46	82	000	0	0	00	00	95	05	0	197	49	0	0	9	0	0	35	39	+	3	—	7	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	126	72	0	0	9	0	0	51	82	000	1	9	00	00	98	00	0	183	58	0	0	9	0	0	42	42	+	5	—	3	0	0	4.8	6
	Fort Abbas	000	0	0	00	00	98	00	0	xxx	75	0	0	9	0	0	49	77	000	0	0	00	00	98	00	0	211	48	0	0	9	0	0	33	39	—		—		0	—	3.1	0
Pesha-war	Chakdara	000	0	0	18	02	97	00	0	143	57	0	0	9	0	0	35	75	000	0	0	18	02	97	00	0	216	40	0	0	9	0	0	35	35	—		—		2.3	—	27.6	—
	Peshawar	000	0	0	00	00	96	04	0	156	62	0	0	9	0	0	43	68	000	0	0	00	00	96	04	0	210	39	0	0	9	0	0	34	37	—	2	—	6	1.4	+ 1.0	19.2	11
	Haripur	000	0	0	02	02	97	00	0	152	61	0	0	9	0	0	43	69	000	0	0	25	05	98	00	0	179	44	0	0	9	0	0	35	38					1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	139	64	0	0	9	0	0	51	67	000	0	0	00	00	99	00	0	207	42	0	0	9	0	0	32	38					0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	109	71	0	0	9	0	0	47	77	000	0	0	00	00	98	00	0	198	42	0	0	9	0	0	35	39	+	2	—	4	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	00	00	98	00	0	158	82	0	0	9	0	0	30	83	000	0	0	00	00	98	00	0	203	44	0	0	9	0	0	26	43	—		—		0	—	5.6	5
Kalat	Nokkundi	000	0	0	27	03	98	02	0	181	73	0	0	9	0	0	26	75	000	0	0	29	03	98	02	0	271	46	0	0	9	0	0	11	43					0	—	1.0	2
	Turbat	000	0	8	05	03	98	00	0	156	81	0	0	9	0	0	39	85	000	0	0	00	00	98	00	0	194	65	0	0	9	0	0	07	xx					1.0	—	12.3	5
	Jiwani	000	0	8	13	03	96	02	0	156	82	0	0	9	0	0	38	85	000	0	4	36	03	97	03	0	170	61	0	0	9	0	0	19	57					0	—	2.8	5
	Pasni	000	8	2	16	03	97	01	1	148	83	0	0	9	0	2	51	84	000	3	5	02	03	98	03	0	190	68	0	0	9	0	0	41	47	+	4	—	9	0	— 0.2	5.4	9
Karachi Division	Ormara	000	0	1	18	02	96	02	0	149	82	1	0	9	0	1	59	89	000	0	1	11	01	96	02	1	197	67	0	0	9	0	0	43	57	—	—	—	—	0	—	9.9	6
	Lasbela	000	0	x	x	x	98	00	0	136	86	0	0	9	0	0	75	88	000	0	0	00	00	98	00	0	210	58	0	0	9	0	0	32	55	—	—	—	—	0	—	0	6
	Karachi (Manora)	000	0	2	25	10	98	01	1	148	82	0	0	9	4	0	75	87	000	0	0	02	04	95	05	0	185	63	0	0	9	0	0	45	61	+	6	—	2	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	1	23	07	96	01	1	144	81	1	0	9	3	0	48	88	000	0	2	02	02	96	03	0	193	58	0	0	9	0	0	41	55					0	—	24.6	—
Hyder-abad	Nagarparkar	000	0	0	00	00	97	00	0	114	80	0	0	9	0	0	54	87	000	0	0	00	00	97	00	0	148	68	0	0	9	0	0	47	xx					0		27.3	—
	Umerkot	000	0	3	34	03	98	02	0	138	80	0	0	8	0	0	52	86	000	0	0	36	02	97	02	0	181	52	0	0	9	0	0	42	49	+	3	—	7	0	—	18.1	—
	Hyderabad	000	0	1	36	02	97	01	0	150	79	0	0	8	8	0	49	85	000	0	0	36	02	97	02	0	192	57	0	0	9	0	0	42	56	+	3	—	2	0	— 0.1	12.9	7
	Badin	000	0	36	02	97	00	0	159	83	0	0	9	0	0	46	86	000	0	0	36	02	97	00	0	200	55	0	0	9	0	0	49	52	+	3	—	2	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	03	97	02	0	153	79	0	0	9	0	0	35	82	000	0	1	00	00	96	01	0	198	44	0	0	9	0	0	39	41	—	—	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	01	0	165	80	0	0	9	0	0	41	82	000	0	2	00	00	97	03	0	206	45	0	0	9	0	0	35	43	—	—	—	—	0	—	9.3	—
	Sukkur	000	6	0	36	02	97	02	0	151	78	0	0	9	0	0	45	81	000	0	0	00	00	95	05	0	198	59	0	0	9	0	6	42	49	—	—	—	—	0	—	2.2	—
	Kashmore	000	0	0	00	00	99	00	0	222	78	0	0	9	0	0	37	82	000	0	0	00	00	99	00	0	498	58	0	0	9	0	0	43	45	—	—	—	—	0	—	1.0	—
	Jacobabad	000	0	0	31	02	97	02	0	154	79	0	0	9	0	0	31	81	000	0	1	27	02	97	03	0	195	52	0	0	9	0	0	29	47	+	3	—	2	0	— 0.1	8.3	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							—
Arabia	Muscat																																							4
	Kuwait																																							5
Kashmir	HILL STATIONS																																							26
	Srinagar																																							—
	Gulmarg																																							71
	Sonamarg																																							26
	Dras																																							3
	Leh																																							3
	Skardu																																							—
	Mingar																																							—
	Aliabad																																							5
	Gilgit																																							
Rawalpindi	Murree	000	0	0	31	02	98	00	0	504	42	0	0	9	0	0	39	52	000	0	0	05	09	98	00	0	525	42	0	0	9	0	0	10	34	—	0	—	3	3.2	+ 2.4	72.5	99
Pesha-war	Drosh	000	0	0	13	07	96	02	0	526	47	0	0	9	0	0	07	53	000	0	0	13	03	97	00	0	579	41	0	0	9	0	0	08	37	—	4	—	2	0.9	—	23.9	18
	Chitral	000	0	0	31	05	98	00	0	513	56	0	0	9	0	0	48	68	000	0	0	00	00	98	00	0	512	47	0	0	9	0	0	38	44	+	9	—	2	1.7	+ 1.3	35.2	29
	Kohat	000	0	0	16	02	99	00	0	491	52	0	0	9	0	0	27	61	000	0	0	36	02	99	00	0	525	42	0	0	9	0	0	21	38	—		—		3.7		40.8	—
	Landikotal	000	0	0	23	05	99	00	0	483	48	0	0	9	0	0	51	60	000	0	0	00	00	99	00	0	525	45	0	0	9	0	0	22	38	—		—		1.9		15.0	—
	Parachinar	000	0	0	13	01	99	00	0	501	53	0	0	9	0	0	17	61	000	0	0	00	00	99	00	0	548	36	0	0	9	0	0	13	38	+	2	—	3	0.6		29.8	29
Chi. Khan	Miranshah	000	0	0	00	00	99	00	0	509	66	0	0	9	0	0	31	72	000	0	0	00	00	99	00	0	490	41	0	0	9	0	0	17	40	—		—		0.1	+ 1.0	7.8	13
	Wana	000	0	0	00	00	99	00	0	505	59	0	0	9	0	0	05	82	000	0	0	00	00	99	00	0	509	30	0	0	9	0	0	17	30	—		—		0.5		11.9	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	527	63	0	0	9	0	0	17	64	000	0	0	00	00	98	02	0	557	41	0	0	9	0	0	17	37	—	1	—	1	0.1	— 0.1	11.3	11
	Hindubagh	000	0	25	12	97	00	0	516	55	0	0	9	0	0	25	58	000	0	0	27	05	97	00	0	542	42	0	0	9	0	0	12	37	—		—		0.1	—	5.9	—
	Loralai	000	0	0	00	00	99	00	0	361	61	0	0	9	0	0	12	64	000	0	0	27	03	99	00	0	326	36	0	0	9	0	0	07	31	—		—		0	—	5.6	9
	Harnai	000	0	09	01	96	00	0	xxx	xx	x	x	x	0	0	xx	xx	xx	000	0	0	27	03	95	00	0	xxx	42	0	0	9	0	0	12	xx	—		—		0.1	— 0.2	34.7	14
	Quetta	000	0	00	00	96	00	0	551	53	0	0	9	0	0	21	54	000	0	0	13	05	96	00	0	869	42	0	0	9	0	0	16	21	—		—		0.4	0	6.7	9
	Chaman	000	0	27	05	99	00	0	536	58	0	0	9	0	0	12	60	000	0	0	13	05	98	00	0	559	44	0	0	9	0	0	17	37	—	1	—	1	0.5	+ 0.1	6.8	8
	Nushki	000	0	31	09	96	02	0	596	63	0	0	9	0	0	44	67	000	0	0	09	13	98	02	0	599	48	0	0	9	0	0	28	44	—		—		0	—	3.8	—
	Dalbandin	000	8	1	09	07	97	03	0	558	68	0	0	9	0	0	17	68	000	0	2	36	02	97	02	0	548	37	0	0	9	0	0	18	31	—	1	—	6	0.2	— 0.1	2.8	4
Kalat	Kalat	000	0	0	31	03	98	00	0	505	47	0	0	9	0	0	13	53	000	0	0	34	02	98	00	0	581	24	0	0	9	0	0	24	20	—	5	—	7	0.2	— 0.1	13.1	7
	Panjgur	000	0	1	36	02	96	02	0	538	63	0	0	9	0	1	15	65	000	0	0	05	02	98	02	0	541	41	0	0	9	0	0	17	39	—	4	—	2	0.2	—	5.2	5
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Code.

• These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

•• These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 3rd DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	$OT_wT_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Resource	73 211	595 00	3 04 09	98 0 11	153 76	58 5 61	15 7 05	...	05 2 67	10 4 33
Sacrament	73 242	662 00	3 31 05	98 0 11	148 76	00 9 00	55 6 10	...	05 2 68	13 1 21
Tobrak	72 200	627 00	7 04 06	98 0 22	090 79	70 x 3x	14 2 03	...	...	...
British Resource	73 234	599 06	3 36 13	98 0 21	190 76	25 3 44	15 1 15	...	05 2 61	13 6 23
Scrania	73 236	590 06	1 30 09	90 0 20	196 75	41 4 00	76 2 23	...	05 3 66	13 0 22
Sairament	73 234	629 06	6 34 05	98 0 31	173 78	31 9 91	35 1 10	...	00 0 69	13 4 21
India	73 244	671 12	6 04 08	98 0 30	075 81	62 7 00	24 4 00	...	05 4 81	10 4 xx
Sacrament	73 235	638 12	2 04 05	98 0 11	145 81	11 4 40	55 6 10	...	00 2 68	10 4 21
Scrania	73 248	579 12	2 26 09	99 0 20	170 76	00 9 41	76 6 04	...	05 3 61	12 6 22
British Resource	73 235	590 12	0 32 05	99 0 10	163 76	00 9 00	75 7 02	...	05 3 63	13 2 22
British Resource	73 245	521 18	0 00 00	99 0 20	188 75	00 9 00	75 1 10	...	05 3 62	10 0 xx
Sacrament	73 217	628 18	2 04 05	98 0 10	175 76	00 9 00	55 4 00	...	05 2 67	10 4 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 $_{mb}$	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$
						HHHTTTT$_d$T$_d$T$_d$					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	013 132 118	115 152 092	...	146 092 508	...	311 112 995	437 032 995	582 572 995	753 668 995	963 822	237 045	...	...
Dacca ...														
Jiwani ...	00 00	014 128 045	145 202 075	...	156 125 528	...	323 058 995	472 520 990	590 588 995	758 725 990	963 858	234 055	...	...
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...														
Multan ...	00 00	975 045 022	...	...	145 088 502	...	304 012 615	429 582 735	...	...	...	...	...	...
Peshawar ...		837 532 062	...	...	...		310 585 995	428 660 990	563 758 995	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE: St.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 142 082	812 112 048	...	...	...	...	...	...	...	872 112 048	...	...
Jiwani ...													
Karachi ...	00 00	900 162 022	800 705 568	...	...	...	...	...	...	...	890 705 568	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	940 098 022	900 098 022	800 078 525	...	...	...	...	...	...	800 078 525	...	...
Quetta ...		815 508 665	800 515 632	...	...	...	...	...	...	...	800 515 632	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperacuras are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																										
Chaklala ...	18 01	20 03	23 04	25 04	27 07	...	...	...	...	36 17	36 10	36 08	09 07	...	...	34 07	36 03	03 04	09 08	34 06	36 14	35 30	...	...	...	...
Chhor ...	...	30 11	32 09	34 07	36 07	32 10	32 19	30 26	29 31	...	11 03	32 08	33 14	36 11	33 12	...	14 02	29 05	33 06	32 09	90 12	29 15	28 20	29 32	...	...
Chittagong ...	34 03	35 04	35 04	32 06	29 13	28 17	25 35	25 42	26 48	07 13	05 04	26 03	25 03	35 06	30 06	07 06	01 05	31 03	22 02	01 02	22 03	30 12	27 21	27 37	...	...
Cox's Bazar ...	35 05	02 02	36 03	28 09	28 11	28 11	...	...	...	35 09	34 02	33 05	29 10	27 14	27 47	31 06	32 03	36 07	27 14	27 19	27 32	27 29	28 35	28 47	...	...
Dacca ...	35 09	01 09	01 14	32 13	29 19	...	...	...	...	36 17	35 13	33 09	30 07	29 16	28 24	35 07	34 10	36 05	27 12	xx xx	xx xx	28 24	28 24	28 31	...	...
Dalbandin ...	28 10	29 09	29 06	30 06	29 17	30 32	...	...	...	34 09	34 05	36 03	29 07	28 05	27 34	30 08	35 05	30 04	30 08	29 26	27 59	27 38	27 46	27 53	28 56	...
D. I. Khan ...	...	...	07 07	35 15	35 15	33 12	29 15	28 33	28 42	...	...	04 04	04 12	34 12	35 15	...	...	08 06	04 10	36 14	32 13	29 22	28 35	27 45	27 83	...
Drosh ...	...	...	...	...	04 05	02 09	36 15	34 07	33 13	...	...	...	24 04	20 08	28 07	...	...	...	...	03 16	34 13	36 15	36 40	...	...	...
Fort Sandeman ...	...	...	...	31 04	32 08	32 24	33 36	...	...	...	...	...	33 05	33 06	32 11	...	...	23 04	28 06	30 07	26 04	26 15	26 15	28 35	...	...
Jacobabad ...	29 05	32 06	33 07	34 14	35 12	31 19	30 23	28 67	28 31	33 10	35 14	01 09	29 18	36 08	29 08	35 09	35 07	35 04	30 02	24 03	28 13	27 19	27 27	27 45	27 56	...
Jamore ...	31 10	30 10	31 09	32 21	30 23	29 32	...	...	...	32 14	32 15	33 13	30 12	29 35	28 47	34 06	33 07	32 10	31 11	30 31	28 32	27 33	...	...	...	...
Jhelum ...	29 08	30 13	30 11	30 17	30 17	31 15	32 15	29 23	29 22	32 06	33 09	32 14	33 18	36 11	02 19	30 05	32 05	32 10	32 13	31 08	31 11	28 21	30 20	29 34	...	...
Jiwani ...	10 05	05 04	02 04	02 09	02 11	32 09	27 11	26 23	25 25	05 21	02 22	06 25	03 11	01 13	15 04	05 14	05 21	05 22	08 18	04 12	04 07	34 02	26 03	26 29	26 37	25 6
Karachi ...	17 02	09 01	09 03	01 04	23 15	27 23	25 35	20 43	...	...	...	...	...	...	...	05 08	35 05	36 03	02 05	13 05	28 05	26 07	27 16	25 36	25 37	...
Khanpur ...	27 12	29 10	31 10	31 13	29 17	33 21	30 31	...	...	01 12	36 13	05 14	16 16	23 13	23 25	18 02	21 04	32 05	24 06	21 05	28 08	33 08	25 09	27 40	...	...
Lahore ...	32 16	30 08	30 09	31 16	34 22	32 20	30 21	29 35	29 41	31 13	31 12	32 17	34 10	33 18	36 23	31 03	31 06	31 11	32 10	32 10	30 18	30 21	30 27	28 36	...	...
Multan ...	03 01	04 04	33 10	34 17	34 19	30 25	27 41	...	...	22 03	24 03	22 03	11 02	01 09	29 12	20 07	20 06	20 06	20 03	24 07	24 13	25 19	26 27	30 45	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 11	03 15	34 11	28 22	27 32	27 31	...	...	...	02 18	01 19	03 04	...	...	...	01 23	02 21	04 06	32 07	27 21	26 34	26 37	26 6
Peshawar ...	...	30 02	30 04	30 15	29 16	32 19	34 24	33 39	32 37	...	22 01	23 03	27 06	30 10	34 16	...	...	19 04	31 05	32 14	01 09	33 08	19 10	30 16	28 98	...
Quetta ...	...	...	...	...	31 13	34 04	33 13	32 15	32 18	NO	..	ASC	ENT	...	...	...	...	...	...	32 04	30 12	30 14	29 23	29 53	...	...
Sharjah ...																										
Sylhet ...	17 02	18 02	27 01	03 04	...	...	...	...	...	10 10	10 05	08 04	08 06	16 05	27 36	17 03	17 03	08 11	05 08	36 06	27 25	28 42	28 51	28 66	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 12	35 09	35 04	35 10	29 28	25 20	27 42	27 31	27 39	28 54	25 64	25 33	25 56	...	...	...	...	...
Karachi ...	02 08	02 06	02 05	02 04	04 07	27 02	25 15	27 35	26 35	26 49	26 66	26 96	...	...	...	...	...	...
Peshawar ...	...	35 09	04 04	34 04	33 07	30 11	27 23	26 33	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

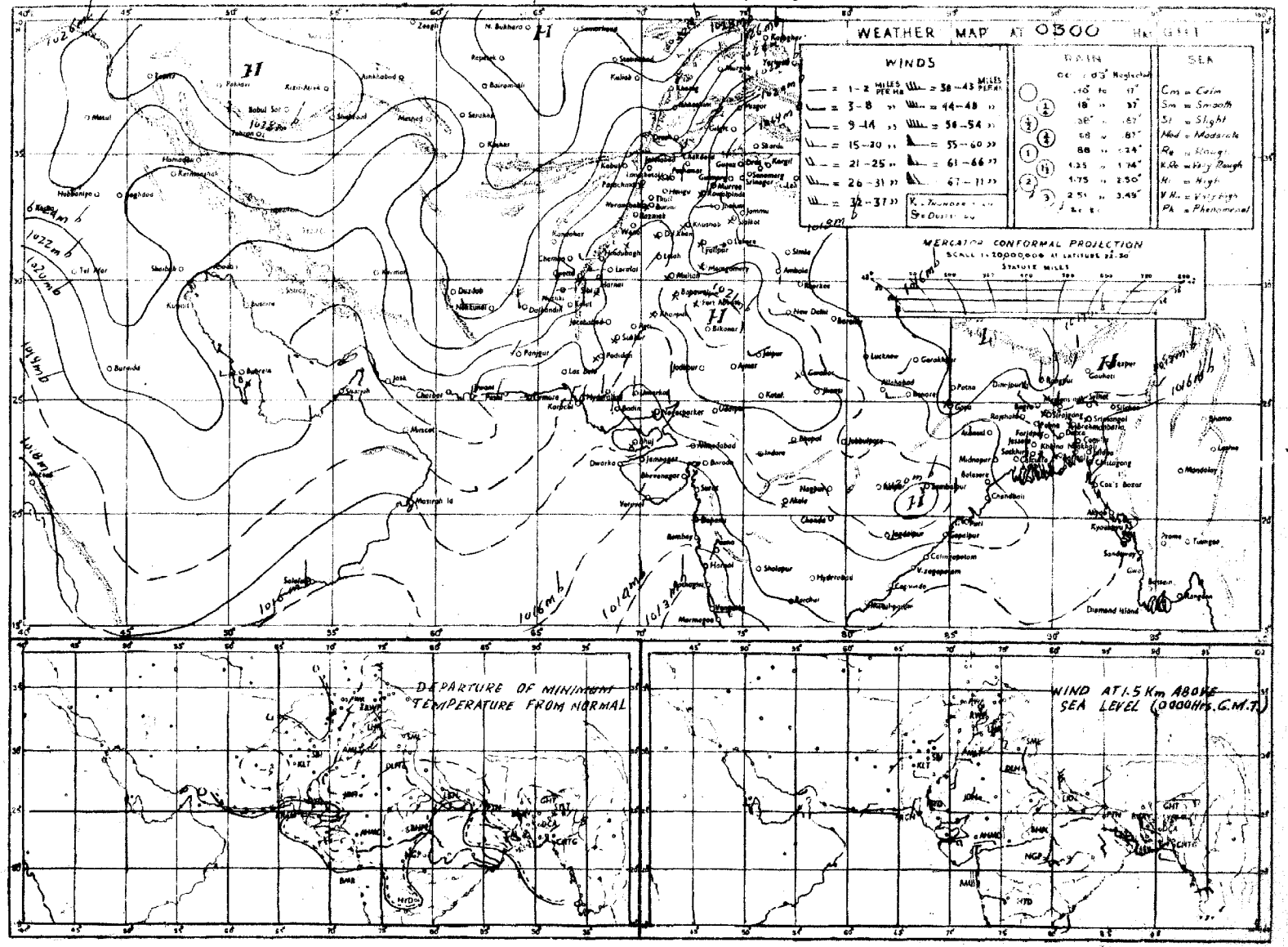
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

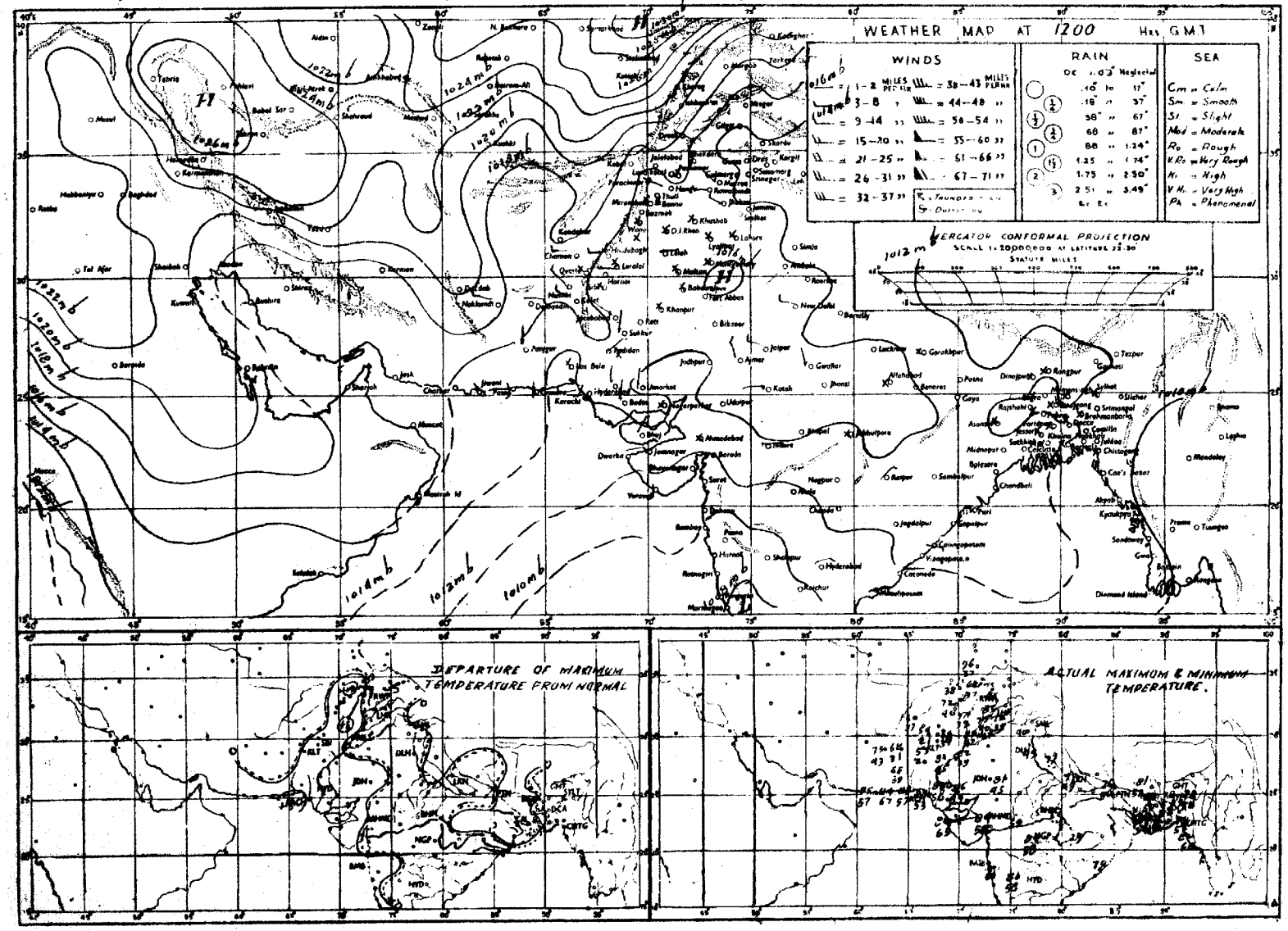
SUNDAY 3rd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 2nd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 4th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A western disturbance is moving across south Iran.

Weather continued to be dry over the country.

Night temperatures were generally 3-6°F below normal over the country outside coastal Kalat, Karachi and Hyderabad divisions.

Forecast valid until the evening of 5th December, 1961:—Weather will continue to be dry over the country.

Karachi-11
The 4th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	00	0	154	71	9	x	0	x	x	61	81
	Cox's Bazar	000	0	5	36	09	xx	02	2	139	71	0	0	9	0	8	57	79
	Chittagong	000	0	0	00	00	xx	00	0	146	79	0	0	9	0	0	60	79
	Malidee Court	000	0	0	00	00	xx	10	0	176	70	0	0	9	0	0	57	78
	Comilla	000	0	0	00	00	xx	02	0	138	71	0	0	9	0	0	57	81
	Brahmanbaria	000	0	0	00	00	xx	02	0	143	71	0	0	9	0	0	61	80
	Sylhet	000	0	4	00	00	xx	03	0	136	71	4	4	6	0	0	60	80
	Srimangal	000	0	0	00	00	xx	00	0	xxx	64	0	0	9	0	0	59	81
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	129	71	0	0	9	0	0	61	78
	Narayanganj	000	0	4	27	02	xx	01	0	145	70	1	5	6	0	8	59	80
	Dacca (Tezgaon)	000	0	1	27	03	97	01	0	141	67	0	0	9	0	1	58	78
	Faridpur	000	0	0	00	00	94	10	0	151	69	0	0	9	0	0	59	75
Khulna	Barisal	000	0	0	00	00	96	02	1	150	76	0	0	9	0	0	68	79
	Khulna	000	0	0	00	00	96	02	0	151	71	0	0	9	0	0	59	79
	Satkhira	000	0	0	00	00	96	03	2	141	72	2	2	6	3	0	57	78
	Jessore	000	0	0	00	00	97	00	0	124	65	0	0	9	0	0	56	75
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	161	66	0	0	9	0	0	56	77
	Sirajganj	000	0	0	00	00	xx	00	0	132	69	0	0	9	0	0	63	79
	Bogra	000	0	0	23	02	xx	02	0	142	71	0	0	9	0	0	61	80
	Dinajpur	000	0	0	00	00	xx	00	0	142	72	0	0	9	0	0	59	75
	Rangpur	000	0	0	00	00	xx	01	0	148	69	0	0	9	0	0	60	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	176	69	0	0	9	0	0	47	72
	Sialkot	000	0	0	00	00	98	00	0	172	64	0	0	9	0	0	47	67
Rawalpindi	Jhelum	000	0	0	36	02	97	02	0	173	63	0	0	9	0	0	41	72
	Rawalpindi	000	0	0	27	02	99	00	0	183	59	0	0	9	0	0	35	67
	Campbellpur	000	0	0	00	00	98	00	0	186	64	0	0	9	0	0	41	66
Sargodha	Khushab	000	0	0	00	00	99	00	0	162	76	0	0	9	0	0	33	80
	Lyallpur	000	0	0	00	00	96	00	0	1·3	74	0	0	9	0	0	36	74
Multan	Montgomery	000	0	0	00	00	96	00	0	180	70	0	0	9	0	0	50	76
	Multan	000	0	0	00	00	98	03	0	173	71	0	0	9	0	1	43	78
	Leiah	000	0	0	23	01	97	00	0	167	66	0	0	9	0	0	28	74
Bahawalpur	Khanpur	000	0	0	00	00	96	00	0	175	76	0	0	9	0	0	46	83
	Bahawalpur	000	0	0	00	00	98	00	0	182	73	0	0	9	0	0	61	82
	Fort Abbas	000	0	0	36	02	98	00	0	178	72	0	0	9	0	0	50	77
Peshawar	Chakdara	000	0	0	00	00	98	00	0	159	59	0	0	9	0	0	29	61
	Peshawar	000	0	0	00	00	97	02	0	182	63	0	0	9	0	0	39	70
	Haripur	000	0	3	13	07	97	03	0	148	62	3	0	9	0	5	42	69
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	170	68	0	0	9	0	0	41	70
	D. I. Khan	000	0	0	00	00	98	00	0	163	72	0	0	9	0	0	49	77
Quetta	Sibi	000	0	0	00	00	98	00	0	167	81	0	0	9	0	0	27	83
Kalat	Nokkundi	000	0	3	04	03	98	02	0	200	70	0	0	9	0	0	27	74
	Turbat	000	0	0	05	03	98	00	0	168	81	0	0	9	0	0	22	85
	Jiwani	000	0	1	13	07	96	01	0	169	80	0	0	9	0	1	34	83
	Pasni	000	8	6	16	05	95	05	1	161	81	0	0	9	0	4	43	63
Karachi Division	Ormara	000	0	0	13	02	96	00	0	158	83	0	0	9	0	0	37	84
	Lasbela	000	0	0	00	00	98	00	0	159	88	0	0	9	0	0	53	89
	Karachi (Manora)	000	0	0	27	10	98	02	0	161	83	0	0	9	0	0	74	86
	Karachi (Airport)	000	0	0	23	05	97	02	0	159	82	0	0	9	0	0	45	87
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	157	83	0	0	9	0	0	39	86
	Umerkot	000	0	0	29	01	98	02	0	151	82	0	0	9	0	0	51	86
	Hyderabad	000	0	0	36	02	97	02	0	166	78	0	0	9	0	0	43	84
	Badin	000	0	0	36	02	97	00	0	169	82	0	0	9	0	0	45	86
Khairpur	Padidan	000	0	0	00	00	97	02	0	166	78	0	0	9	0	0	33	82
	Nawabshah	000	0	0	00	00	97	02	0	166	80	0	0	9	0	0	36	82
	Sukkur	000	0	0	36	02	97	02	0	164	77	0	0	9	0	0	42	82
	Kashmore	000	0	0	00	00	99	00	0	208	75	0	0	9	0	0	29	82
	Jacobabad	000	0	1	31	02	97	03	0	170	81	0	0	9	0	1	36	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	07	09	98	00	0	531	45	0	0	9	0	0	30	51
Peshawar	Drosh *	000	0	0	07	16	96	02	0	558	49	0	0	9	0	0	06	52
	Cherat *	000	0	0	31	11	98	00	0	553	56	0	0	9	0	0	44	69
	Kakul *	000	0	0	23	02	99	00	0	531	55	0	0	9	0	0	29	61
	Landikotal *	000	0	0	00	00	99	00	0	522	58	0	0	9	0	0	34	62
	Parachinar *	000	0	0	13	01	99	00	0	518	56	0	0	9	0	0	11	61
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana *	000	0	0	00	00	99	00	0	513	57	0	0	9	0	0	16	64
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	541	64	0	0	9	0	0	15	66
	Hindubagh *	000	0	0	25	16	97	00	0	514	59	0	0	9	0	0	23	57
	Loralai *	000	0	3	16	03	99	00	1	345	59	0	0	9	1	1	09	63
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	551	54	0	0	9	0	0	19	55
	Chaman *	000	0	0	27	05	98	00	0	545	55	0	0	9	0	0	10	57
	Nushki *	000	0	0	31	09	98	02	0	606	62	0	0	9	0	0	42	64
	Dalbandin *	000	0	0	13	03	97	02	0	564	66	0	0	9	0	0	16	69
Kalat	Kalat *	000	0	0	34	02	98	00	0	523	50	0	0	9	0	0	23	54
	Panjgur *	000	0	1	36	07	98	00	0	548	62	0	0	9	0	1	23	64
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	0	0	36	05	96	00	4	194	69	0	0	9	0	0	60	64
	Cox's Bazar	000	0	2	36	04	97	02	1	175	71	0	0	9	0	0	60	61
	Chittagong	000	0	2	00	00	96	01	0	182	70	2	0	9	1	0	62	57
	Malidee Court	000	0	0	00	00	98	00	0	186	67	0	0	9	0	0	57	55
	Comilla	000	0	0	00	00	97	02	0	176	68	0	0	9	0	0	59	56
	Brahmanbaria	000	0	0	00	00	97	00	0	187	67	0	0	9	0	0	60	59
	Sylhet	000	0	0	09	09	97	02	0	184	68	0	0	9	0	0	61	59
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	00	00	97	00	0	182	62	0	0	9	0	0	59	56
	Narayanganj	000	0	0	31	02	96	05	4	189	68	0	0	9	0	0	54	59
	Dacca (Tezgaon)	000	0	0	30	02	97	02	0	184	67	0	0	9	0	0	53	56
	Faridpur	000	0	0	00	00	96	00	0	178	67	0	0	9	0	0	59	56
Khulna	Barisal	000	0	0	05	02	97	02	1	187	68	0	0	9	0	0	51	56
	Khulna	000	0	0	00	00	97	00	0	194	71	0	0	9	0	0	52	58
	Satkhira	000	0	0	00	00	97	00	0	203	63	0	0	9	0	0	55	50
	Jessore	000	0	0	31	03	97	00	0	192	62	0	0	9	0	0	52	49
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	0	00	00	96	00	0	187	69	0	0	9	0	0	53	56
	Bogra	000	0	0	27	02	96	00	0	187	64	0	0	9	0	0	51	56
	Dinajpur	000	0	0	00	00	96	00	0	182	72	0	0	9	0	0	60	51
	Rangpur	000	0	0	31	02	96	01	0	193	63	0	0	9	0	0	57	54
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	229	41	0	0	9	0	0	39	39
	Sialkot	000	0	0	00	00	97	00	0	222	50	0	0	9	0	0	45	41
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	223	40	0	0	9	0	0	36	37
	Rawalpindi	000	0	0	00	00	97	10	0	244	36	0	0	9	0	0	34	35
	Campbellpur	000	0	0	05	02	99	00	0	234	44	0	0	9	0	0	37	35
Sargodha	Khushab	000	0	0	00	00	99	00	0	231	42	0	0	9	0	0	32	37
	Lyallpur	000	0	0	00	00	94	05	4	227	44	0	0	9	0	0	39	41
Multan	Montgomery	000	0	0	00	00	95	05	0	225	44	0	0	9	0	0	38	41
	Multan	000	0	0	00	00	98	02	0	227	50	0	0	9	0	0	39	43
	Leiah	000	0	0	23	02	97	00	0	201	42	0	0	9	0	0	32	36
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	219	44	0	0	9	0	0	37	38
	Bahawalpur	000	0	0	00	00	98	00	0	217	51	0	0	9	0	0	39	40
	Fort Abbas	000	0	0	07	02	96	00	0	239	47	0	0	9	0	0	35	45
Peshawar	Chakdara	000	0	0	00	00	97	00	0	248	40	0	0	9	0	0	33	34
	Peshawar	000	0	0	18	07	99	02	0	238	41	0	0	9	0	0	35	37
	Haripur	000	0	0	25	05	97	00	0	223	45	0	0	9	0	0	33	38
D.I. Khan	Bannu	000	0	0	27	02	99	00	0	227	45	0	0	9	0	0	27	41
	D. I. Khan	000	0	0	00	00	98	00	0	230	43	0	0	9	0	0	33	39
Quetta	Sibi	000	0	0	00	00	97	00	0	223	41	0	0	9	0	0	23	40
Kalat	Nokkundi	000	0	0	34	03	98	02	0	290	41	0	0	9	0	0	25	40
	Turbat	000	0	0	07	03	98	00	0	211	66	0	0	9	0	0	29	xx
	Jiwani	000	0	5	36	03	97	03	0	213	60	0	0	9	0	5	17	59
	Pasni	000	3	6	34	02	98	03	1	200	62	0	0	9	0	6	28	61
Karachi Division	Ormara	000	0	6	09	01	96	03	1	199	68	6	0	9	0	1	32	53
	Lasbela	000	0	0	00	xx	98	00	0	211	58	0	0	9	0	0	24	54
	Karachi (Manora)	000	0	4	05	10	96	01	1	197	65	0	0	9	0	1	54	62
	Karachi (Airport)	000	0	7	36	02	97	03	0	207	58	0	0	9	0	6	35	54
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	194	67	0	0	9	0	0	46	xx
	Umerkot	000	0	8	02	01	97	02	0	199	60	0	0	8	0	8	32	52
	Hyderabad	000	0	6	36	02	97	03	1	207	58	0	0	8	0	1	39	54
	Badin	000	0	0	36	02	97	00	0	204	55	0	0	9	0	0	47	51
Khairpur	Padidan	000	0	2	00	00	96	02	0	212	40	0	0	9	0	8	38	40
	Nawabshah	000	0	2	00	00	96	03	0	214	47	0	0	9	0	5	39	45
	Sukkur	000	0	0	00	00	94	00	0	215	51	0	0	9	0	0	47	49
	Kashmore	000	0	0	00	00	99	00	0	219	52	0	0	9	0	0	43	45
	Jacobabad	000	0	0	00	00	97	02	0	220	49	0	0	9	0	0	28	45
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	02	09	98	00	0	554	43	0	0	9	0	0	03	38
Peshawar	Drosh *	000	0	0	05	03	97	02	0	598	39	0	0	9	0	0	13	37
	Cherat *	000	0	0	34	07	98	00	0	512	50	0	0	9	0	0	44	44
	Kakul *	000	0	0	05	02	98	00	0	551	43	0	0	9	0	0	16	39
	Landikotal *	000	0	0	00	00	99	00	0	531	36	0	0	9	0	0	25	34
	Parachinar *	000	0	0	00	00	99	00	0	557	34	0	0	9	0	0	14	37
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	546	47	0	0	9	0	0	13	38
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	00	00	98	04	0	572	40	0	0	9	0	0	09	34
	Hindubagh *	000	0	0	27	03	97	00	0	643	38	0	0	9	0	0	09	25
	Loralai *	000	0	0	27	02	99	00	0	301	39	0	0	9	0	0	19	29
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	579	38	0	0	9	0	0	24	18
	Chaman *	000	0	0	13	05	96	00	0	583	39	0	0	9	0	0	07	33
	Nushki *	000	0	0	00	00	98	02	0	615	49	0	0	9	0	0	26	46
	Dalbandin *	000	2	1	05	02	97	03	0	555	33	0	0	9	0	1	15	28
Kalat	Kalat *	000	0	0	18	03	98	00	0	563	26	0	0	9	0	0	26	20
	Panjgur *	000	0	5	05	03	98	02	0	549	38	0	0	9	0	5	11	37
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	— 2	— 1	0.9	— 2.4	156.7	140
	Chittagong	— 1	— 3	0.1	— 2.1	170.7	108
	Malidee Court	— 2	— 6	0	— 1.6	124.5	115
	Comilla	0	— 1	0	— 1.4	76.9	94
	Brahmanbaria	...	—	0	— 1.1	65.4	78
	Sylhet	—	—	0.1	—	...	—
	Srimangal	— 2					98
Dacca	Mymensingh	— 1	— 3	0.3	— 0.6	62.1	91
	Narayanganj	0	— 1	0.4	— 0.6	73.0	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	— 3	— 2	0	— 1.1	87.6	71
Khulna	Barisal	— 1	— 3	0	— 1.6	65.4	81
	Khulna	— 1	0	0	— 1.1	57.3	68
	Satkhira	— 4	— 5	0	— 1.8	54.3	65
	Jessore	—	—	0	— 0.9	59.0	65
Rajshahi	Pabna	—					59
	Sirajganj	0	— 1	0.7	0	50.0	64
	Bogra	+ 1	— 1	0.3	— 0.5	53.6	69
	Dinajpur	— 4	— 4	0	— 0.4	51.7	72
	Rangpur	0	— 1	0.1	— 0.3	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	— 3	0	— 0.1	51.2	19
	Sialkot	— 6	— 4	0.9	+ 0.7	35.9	32
Rawalpindi	Jhelum	—	—	1.0	—	35.7	
	Rawalpindi	— 4	— 4	1.7	+ 1.4	53.9	36
	Campbellpur	—		0.8	—	12.6	—
Sargodha	Khushab	+ 4	— 6	0	— 0.1	11.2	15
	Lyallpur	+ 1	— 2	0.1	— 0.1	13.9	12
Multan	Montgomery	— 1	— 6	0.1	+ 0.1	10.2	10
	Multan	+ 2	— 2	0	— 0.1	7.5	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	+ 4	— 8	0	— 0.1	12.6	6
	Bahawalpur	+ 6	— 5	0	0	4.9	6
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	2.3	—	27.6	—
	Peshawar	0	— 6	1.4	+ 1.0	19.2	11
	Haripur	—	—	1.9	—	30.5	—
D.I. Khan	Bannu	—	—	0.5	—	14.4	11
	D. I. Khan	+ 2	— 4	0	— 0.2	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0		3.8	5
	Pasni	×	+ 3	0	— 0.2	5.4	6
Karachi Division	Ormara	—	—	0	0	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 5	— 1	0	— 0.1	9.0	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	+ 2	0	0	— 0.1	12.9	7
	Badin	+ 3	— 3	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	+ 5	— 4	0	— 0.1	8.8	4
Junagadh	Veraval						30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5
Rawalpindi	Murree *	— 1	+ 1	3.2	+ 2.4	72.5	59
Peshawar	Drosh *	— 5	— 2	0.9	—	23.9	18
	Cherat *	+ 10	— 1	1.7	+ 1.2	35.2	29
	Kakul *	—	—	3.7	—	40.0	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	+ 2	+ 2	0.6	—	29.8	29
D.I. Khan	Miranshah *		—	0.1	+ 0.1	7.8	13
	Wana *	—					11
Quetta	Fort Sandeman *	+ 1	— 2	0.1	— 0.1	11.3	11
	Hindubagh *	—	—	0.1	—	5.9	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	— 0.2	34.7	14
	Quetta *	—	—	0.4	0	6.6	9
	Chaman *	— 4	— 5	0.6	0	6.8	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	0	— 9	0.2	+ 0.1	2.8	4
Kalat	Kalat *	— 4	— 7	0.2	— 0.1	13.1	7
	Panjgur *	— 5	— 4	0.2	—	5.2	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.Y. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 4th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sCh_sh_s$	OT,$T_wT_dT_d$	$id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Secramento	13 206	613 00	3 45 09	99 0 30	160 85	31 6 00	35 6 08	...	05 3 87	10 5 21
British Resource	13 256	571 00	1 xx xx	99 0 20	177 75	00 9 05	63 4 08	...	05 2 59	1x x 21
Nhumra	13 209	697 06	0 01 02	98 0 98	115 81	xx x xx	76 3 02	...	00 9 76	10 4 44
British Resource	13 264	961 06	5 08 05	99 0 31	219 77	00 9 06	65 2 15	...	05 1 57	10 8 21
Sacramento	13 199	604 06	5 05 09	99 0 21	190 77	51 6 02	55 6 10	...	05 2 64	10 5 21
Albastan	13 264	564 18	2 00 00	99 x xx	185 77	25 4 00	23 4 20	...	00 0 64	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb HHHTTTT$_d$T$_d$T$_d$	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	016 145 105	141 175 098	...	149 102 532	...	312 085 999	437 922 999	581 600 999	753 700 999	957 845	227 865	405 188	...
Jiwani ...														
Karachi ...	00 00	015 162 065	151 222 038	...	150 125 507	...	315 055 999	439 505 999	532 602 999	751 700 999	959 825	234 018	417 128	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	978 062 018	...	...	150 092 378	...	311 028 542	434 535 702	577 602 999	745 702 999	955 790	...	...	...
Quetta ...	00 00	899 525 612	...	...	...	...	301 xxxxxx	427 999 939	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 115 075	...	...	...	...	...	...	...	...	900 115 075	...	...
Jiwani ...													
Karachi ...	00 00	980 165 012	800 102 528	...	...	...	...	...	...	...	800 102 528	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	918 115 548	900 108 548	...	...	...	...	...	...	...	900 108 548	...	...
Quetta ...	00 00	800 50x 56x	800 532 762	...	...	...	...	...	...	...	800 532 762	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd : Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	27 06	28 05	30 05	01 06	01 06	...	...	...	...	36 08	01 06	01 03	11 05	...	...	01 06	05 04	05 03	13 03	19 12	28 43	28 52	...	...	...	...
Chaklala ...	...	29 04	01 04	04 05	06 07	36 07	29 12	29 15	28 25	...	...	...	...	...	...	...	24 01	22 02	10 01	16 03	26 06	27 20	23 24	27 25	27 46	...
Chhor ...	31 01	36 01	36 03	01 05	34 03	28 05	28 11	27 17	24 33	07 08	08 04	11 03	22 02	...	...	08 03	08 02	08 01	20 04	29 05	xx xx	27 27	26 42	25 48	...	...
Chittagong ...	31 09	25 04	24 01	26 15	24 23	24 28	...	...	..	02 12	01 10	01 09	27 13	27 20	27 19	25 06	34 07	35 07	29 09	27 16	27 18	27 29	27 39	27 37	...	...
Cox's Bazar ...	34 04	34 04	30 08	28 11	27 15	...	...	...	...	36 18	36 13	31 09	27 15	26 12	26 19	01 07	34 07	29 08	27 12	27 17	27 23	26 29	26 29	26 30	...	...
Dacca ...	27 07	31 05	33 04	02 03	30 24	27 35	27 35	27 47	28 45	35 19	35 09	32 02	01 04	28 20	28 31	32 02	36 02	02 05	03 06	30 18	28 29	28 39	27 45	27 56	...	...
Dalbandin ...	...	...	13 06	02 05	34 11	36 09	30 14	29 19	28 29	...	...	07 03	32 05	34 08	33 14	...	...	09 07	04 07	01 10	31 3x	24 15	28 22	28 34	28 34	27 60
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	04 11	02 10	02 10	02 07	32 03	...	...	...	32 04	34 01	35 02	...	...	...	...	03 12	01 29	35 31	...	...	...	...
Kort Sandeman ...	...	...	...	09 01	30 05	26 14	27 18	28 21	27 08	...	...	...	27 03	27 02	27 08	...	...	...	21 07	27 05	38 10	27 22	27 25	26 35	...	...
Jacobabad ...	30 03	31 04	32 04	28 03	33 08	31 12	28 17	27 25	27 40	34 08	36 03	13 02	09 02	05 02	10 02	01 06	35 07	35 04	29 02	31 05	30 08	30 17	27 27	27 29	27 43	...
Jiwani ...	32 05	32 07	32 08	33 13	29 32	28 25	...	...	...	35 17	35 09	35 02	29 07	29 17	28 26	35 04	33 04	32 01	32 15	29 16	28 23	28 33	27 47	27 46	...	...
Kalam ...	32 06	32 10	32 07	33 10	28 07	31 12	30 18	29 15	28 27	32 07	31 09	33 08	01 06	36 06	28 05	32 02	32 09	32 06	31 04	33 03	28 04	26 07	28 21	28 22	27 27	26 56
Kandi ...	10 04	03 05	03 07	04 10	06 07	03 07	31 06	30 13	26 25	04 13	03 14	06 15	06 09	04 11	32 05	04 12	06 18	07 16	07 09	07 07	28 01	26 15	27 21	25 21	25 32	...
Karachi ...	30 06	15 03	15 03	23 08	35 04	26 05	29 05	28 16	25 23	...	...	...	...	...	...	04 07	02 06	03 08	05 06	07 04	30 06	27 15	...	...	...	...
Khanpur ...	21 03	25 04	23 05	20 04	30 06	26 11	28 17	27 27	27 54	16 07	21 07	22 05	30 02	21 02	29 08	20 04	16 08	17 03	35 04	12 02	26 23	27 24	26 44	28 49	...	...
Lahore ...	33 04	32 11	32 13	32 12	31 09	29 13	28 17	28 21	27 43	34 07	32 09	32 13	31 15	30 08	31 06	29 04	32 11	31 12	31 13	28 08	29 09	28 15	27 27	27 35	27 56	27 69
Multan ...	13 05	17 07	19 10	20 08	24 08	27 12	26 12	24 19	28 24	17 04	22 05	22 07	28 04	...	...	17 04	19 03	19 03	25 07	21 04	29 07	28 18	27 33	27 41	...	...
Muree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 17	02 16	01 06	30 07	29 17	27 30	...	...	...	01 03	02 04	30 09	...	...	...	02 18	02 12	34 09	27 17	27 21	26 35	26 38	...
Peshawar ...	...	...	...	...	...	...	...	...	...	28 06	29 08	30 08	29 12	...	...	...	25 01	33 06	34 07	10 01	25 06	27 19	26 27	26 25	27 36	...
Quetta ...	...	...	...	...	29 03	31 07	32 11	30 15	28 27	NO	..	ASC	ENT	...	...	...	...	...	...	34 02	33 12	30 22	29 32	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 06	21 04	25 06	35 02	07 04	...	...	...	...	14 09	12 04	12 02	05 10	33 04	...	19 03	15 06	12 08	07 11	10 05	30 24	28 54	27 58	27 17	27 10	27 72
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 17	35 10	34 10	32 12	29 11	27 25	27 29	28 31	25 47	26 49	26 46	25 47	31 37	...	...	...	...	...
Karachi ...	01 10	33 06	34 06	34 06	34 09	04 09	28 85	29 13	24 16	27 33	25 53	25 74	77 03	76 21	...	...	...	...
Peshawar ...		35 05	26 02	32 04	31 07	31 10	29 09	27 12	27 25	29 29	28 50	27 90	27 90	...	...	...	...	...
Quetta ...																		

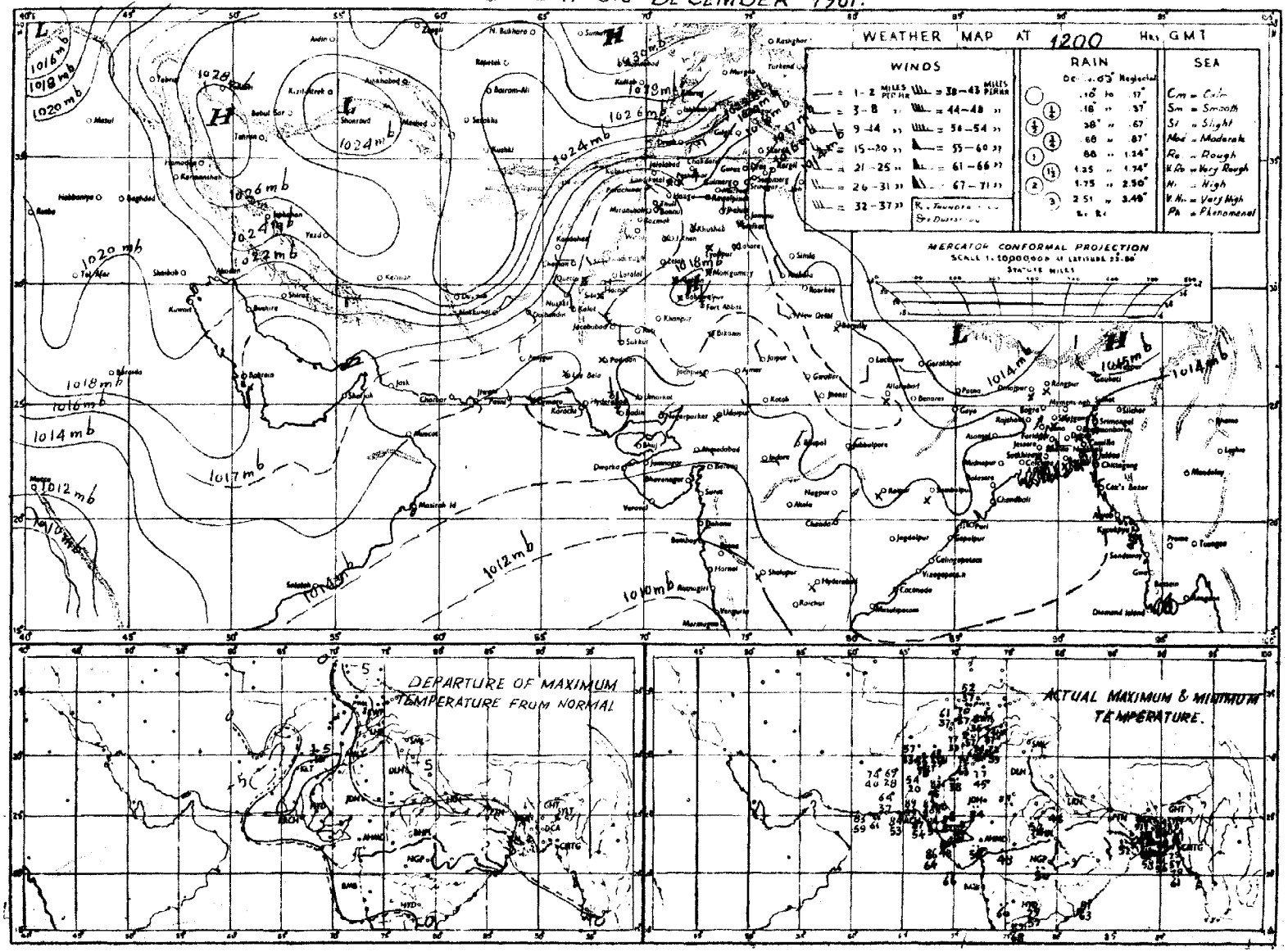
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

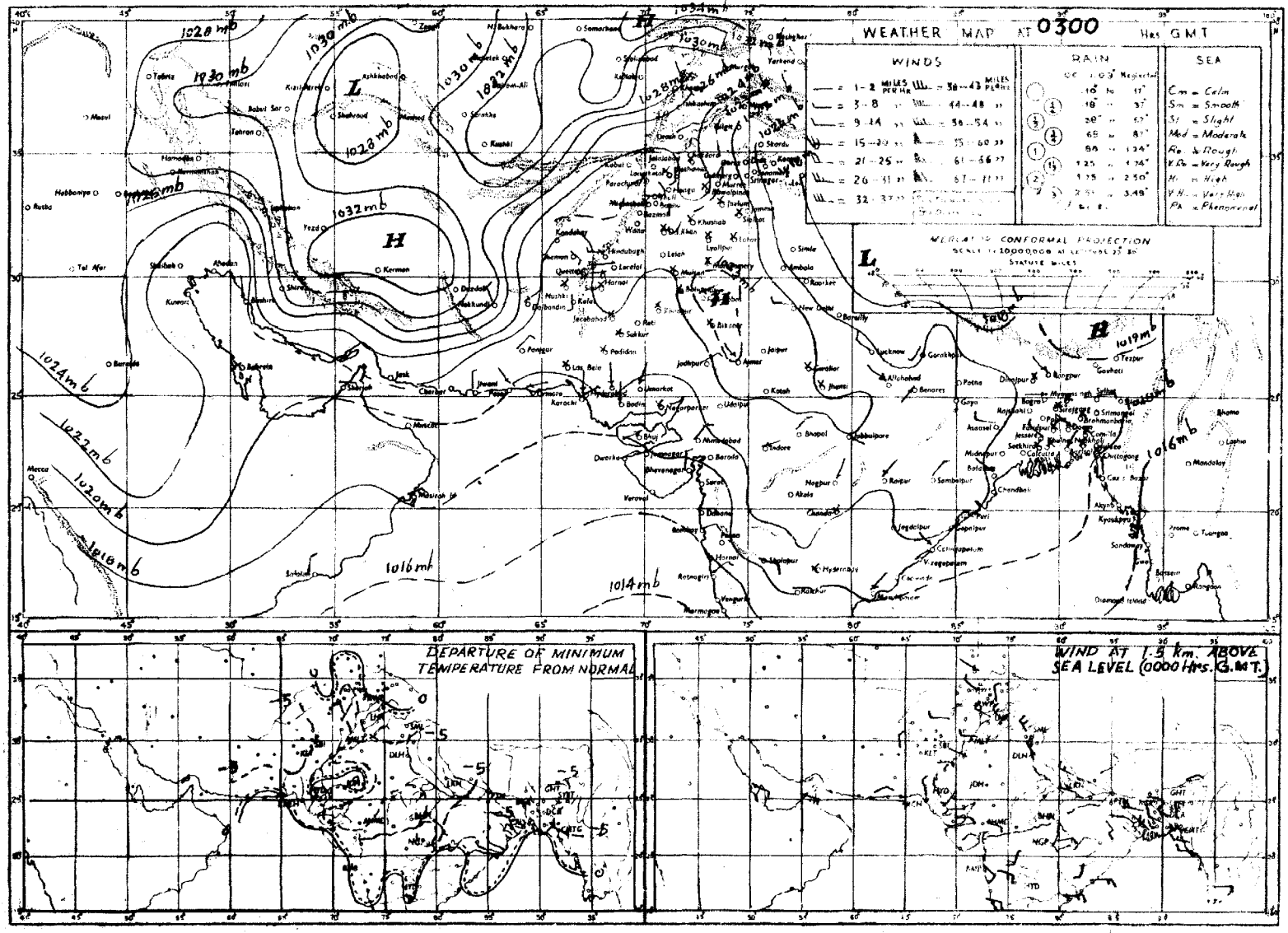
SUNDAY 3rd DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

MONDAY 4th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 5th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance is now moving across northeast Iran.
Weather remained dry in the country.
Night temperatures were 3-8°F below normal in the country outside Dacca, Rajshahi, D. I. Khan, coastal Kalat, and Karachi divisions.
Forecast valid until the evening of 6th December, 1961:—Dry weather will continue to prevail over the country.

Karachi-11
The 5th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date												Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	We	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TaTn	TxTx	TaTn				
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	angamati	000	0	0	27	02	xx	00	0	147	72	0	x	0	x	x	59	79	000	3	0	36	06	96	00	4	187	67	0	0	9	0	0	62	62	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	00	00	xx	01	0	145	71	0	0	9	0	0	61	79	000	0	0	02	05	97	02	0	166	71	0	0	9	0	0	60	69	— 2	— 3	1.0	— 2.5	156.7	140
	Chittagong	000	0	0	00	00	xx	00	0	150	70	6	0	9	0	3	xx	79	000	0	0	00	00	97	00	0	171	71	0	0	9	0	0	64	57	— 1	— 2.2	0.1	— 2.2	170.7	108
	Maijdee Court	000	0	0	xx	xx	xx	10	0	147	71	0	0	9	0	0	58	77	000	9	0	34	02	98	00	4	179	66	0	0	9	0	0	59	55	— 3	— 6	0	— 1.6	124.5	115
	Comilla	000	8	4	00	00	96	02	0	149	71	0	0	9	0	0	63	81	000	0	0	00	00	97	02	0	165	71	0	0	9	0	0	61	57	0	— 1.4	0	— 1.4	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	146	71	0	0	9	0	0	xx	80	000	0	2	36	02	97	03	1	179	68	0	0	9	4	0	64	59	0	— 1.1	0	— 1.1	65.4	78
	Sylhet	000	0	4	00	00	xx	03	0	144	71	1	1	6	3	0	58	80	000	0	4	09	05	96	62	1	175	67	0	0	9	0	1	60	58	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	xxx	70	0	0	9	0	0	63	50	— 3	— 1	1.0	— 0.5	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	124	70	0	0	9	0	0	60	77	000	9	0	00	00	97	00	0	184	64	0	0	9	0	0	60	58	— 2	— 1	0.3	— 0.7	62.1	91
	Narayanganj	000	9	1	29	02	xx	05	6	167	72	1	5	6	0	0	62	82	000	9	0	00	00	96	05	4	175	69	0	0	9	0	0	55	59	— 2	— 1	0.4	— 0.6	73.0	74
	Dacca (Tejgaon)	000	0	1	31	02	97	02	0	150	69	1	1	5	0	0	63	79	000	0	3	34	02	97	01	0	174	67	0	0	9	0	1	55	54	—	—	0	—	84.2	—
	Faridpur	000	0	1	00	00	95	05	0	146	72	1	4	7	0	0	62	77	000	0	0	14	02	95	05	0	172	67	0	0	9	0	0	55	56	— 1	— 2	0.0	— 1.1	97.6	71
Khulna	Barisal	000	0	0	00	00	96	02	2	148	73	0	0	9	0	0	68	79	000	0	0	05	02	97	02	2	176	70	0	0	9	0	0	67	58	— 1	— 4	0	— 1.6	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	152	69	0	0	9	0	0	56	80	000	0	0	00	00	97	00	0	182	68	0	0	9	0	0	54	56	— 0	— 1.2	0	— 1.2	57.3	68
	Sakhira	000	0	0	00	00	97	00	0	156	71	0	0	9	0	0	59	73	000	0	0	00	00	97	00	0	189	65	0	0	9	0	0	48	50	— 9	— 5	0	— 1.8	54.3	65
	Jessore	000	0	0	27	02	97	00	0	146	69	0	0	9	0	0	54	79	000	0	0	31	03	97	00	0	180	62	0	0	9	0	0	53	49	—	—	0	— 1.0	59.0	85
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	153	68	0	0	9	0	0	57	78	000	0	3	31	05	95	10	0	182	64	0	0	9	0	1	53	55	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	xx	00	0	139	69	0	0	9	0	0	61	80	000	8	0	31	02	96	00	0	180	70	0	0	9	0	0	52	56	+ 1	— 1	0.7	— 0.0	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	149	71	0	0	9	0	0	61	80	000	8	3	31	02	96	02	0	181	66	2	3	6	0	1	54	52	+ 1	— 1	0.3	— 0.6	53.6	69
	Dinajpur	000	6	4	00	00	96	02	0	135	72	1	3	9	0	0	61	81	000	0	0	00	00	96	00	0	175	64	0	0	9	0	0	53	53	+ 2	— 2	0.1	— 0.4	71.4	72
	Rangpur	000	0	3	00	00	xx	01	1	151	70	3	0	9	1	0	62	80	000	0	1	36	02	96	01	0	186	64	1	0	9	1	0	59	53	+ 1	— 2	0.1	— 0.4	80.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	180	68	0	0	9	0	0	44	73	000	0	0	00	00	95	10	0	202	42	0	0	9	0	0	36	39	— 4	— 3	0	— 0.1	51.2	19
	Sialkot	000	0	0	00	00	97	00	0	191	60	0	0	9	0	0	48	69	000	0	0	00	00	97	00	0	198	54	0	0	9	0	0	43	41	— 4	— 4	0.9	+ 0.7	35.9	32
Rawalpindi	Jhelum	000	0	0	27	02	97	02	0	181	65	0	0	9	0	0	43	74	000	0	0	00	00	96	02	0	201	61	0	0	9	0	0	36	37	—	—	1.0	—	35.7	—
	Rawalpindi	000	0	0	25	02	99	00	0	192	58	0	0	9	0	0	38	69	000	0	0	00	00	97	10	0	214	37	0	0	9	0	0	35	35	— 2	— 4	1.7	+ 1.3	53.9	38
	Campbellpur	000	0	0	36	02	98	00	0	173	65	0	0	9	0	0	37	67	000	0	0	05	00	93	00	0	215	44	0	0	9	0	0	32	34	—	—	0.8	—	12.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	178	73	0	0	9	0	0	63	78	000	0	0	00	00	99	00	0	208	42	0	0	9	0	0	36	35	+ 2	— 10	0	— 0.1	11.2	18
	Lyallpur	000	0	0	00	00	96	00	0	187	74	0	0	9	0	0	28	74	000	0	0	00	00	94	05	4	195	46	0	0	9	0	0	39	41	+ 1	— 2	0.1	— 0.1	13.9	13
Multan	Montgomery	000	0	0	00	00	96	00	0	191	70	0	0	9	0	0	48	75	000	0	1	00	00	96	02	0	199	51	0	0	9	0	1	36	44	— 2	— 3	0.1	— 0.1	10.2	10
	Multan	000	0	2	00	00	98	03	0	186	72	0	0	9	0	0	42	77	000	0	1	00	00	96	03	0	205	48	0	0	9	0	1	41	43	+ 1	— 2	0	— 0.1	7.5	7
	Leiah	000	0	1	00	00	97	00	0	187	74	0	0	9	0	1	38	74	000	0	0	00	00	95	05	0	193	43	0	0	9	0	0	36	36	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	4	00	00	96	02	0	185	74	0	0	9	0	1	39	81	000	0	3	00	00	95	05	0	194	44	0	0	9	0	1	32	41	+ 2	— 5	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	189	70	0	0	9	0	0	60	81	000	0	0	00	00	98	00	0	197	52	0	0	9	0	0	29	42	+ 4	— 3	0	— 0.0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	191	73	0	0	9	0	0	48	79	000	0	0	18	00	98	00	0	205	46	0	0	9	0	0	34	39	—	—	0	—	2.1	8
Peshawar	Chakdara	000	0	0	13	02	97	00	0	190	58	0	0	9	0	0	38	60	000	0	0	18	00	97	00	0	218	39	0	0	9	0	0	31	35	—	—	2.3	—	27.4	—
	Peshawar	000	0	0	00	00	97	02	0	191	65	0	0	9	0	0	37	71	000	0	0	13	03	97	02	0	206	41	0	0	9	0	0	32	38	+ 1	— 5	1.4	+ 1.0	19.2	11
	Mardan	000	0	0	18	02	97	00	0	187	62	0	0	9	0	0	40	68	000	0	0	05	02	97	00	0	210	44	0	0	9	0	0	29	40	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	178	68	0	0	9	0	0	40	70	000	0	0	00	00	99	00	0	205	41	0	0	9	0	0	32	39	—	—	0.5	—	—	—
	D. I. Khan	000	0	0	00	00	98	00	0	182	70	0	0	9	0	0	48	76	000	0	0	00	00	98	00	0	198	41	0	0	9	0	0	35	39	+ 1	— 4	0	— 0.2	7.7	9
Quetta	Sibi	000	0	3	23	02	98	01	1	185	79	0	0	8	0	2	27	81	000	0	0	00	00	97	00	0	211	42	0	0	9	0	0	25	40	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	09	03	98	02	0	209	71	3	0	9	0	0	45	74	000	0	0	34	03	98	02	0	278	43	0	0	9	0	0	24	41	—	—	0	—	1.0	2
	Turbat	000	0	0	05	02	98	00	0	168	80	0	0	9	0	0	12	84	000	0	0	07	00	98	00	0	211	65	0	0	9	0	0	21	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	6	20	03	97	03	2	117	78	0	0	9	0	0	43	83	000	9	6	02	01	98	03	1	202	64	0	0	9	1	1	37	60	—	—	0	—	3.8	6
	Pasni	000	8	6	16	07	98	02	1	178	80	0	0	9	0	0	52	82	000	9	6	34	02	98	03	1	195	65	0	0	9	4	4	30	59	+ 2	— 1	0	— 0.2	5.4	6
Karachi Division	Ormara	000	0	6	00	00	96	03	1	170	82	6	0	9	0	1	38	84	000	0	6	13	01	96	03	1	189	64	5	0	9	0	1	44	52	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	166	85	0	0	9	0	0	54	87	000	0	0	00	xx	98	00	0	219	56	0	0	9	0	0	35	57	—	—	0	—	0	8
	Karachi (Manora)	000	0	6	27	12	98	03	2	168	82	0	0	9	0	0	76	88	000	0	5	05	10	97	03	2	195	64	0	0	9	0	0	43	53	+ 7	—	0	— 0.1	9.8	8
	Karachi (Airport)	000	0	7	05	05	97	02	2	174	82	0	0	9	0	1	25	84	000	0	4	36	03	96	03	2	199	56	0	0	9	0	2	38	50	—	—	0	—	24.6	8
Hyderabad	Nagarparkar	000	0	0	09	01	97	00	0	157	81	0	0	9	0	0	54	85	000	0	0	00	00	97	00	0	161	60	0	0	9	0	0	45	xx	—	—	0	—	27.9	7
	Umerkot	000	0	8	02	01	98	03	0	163	80	0	0	8	0	0	49	86	000	0	0	8	02	02	97	03	1	189	50	0	0	8	0	0	29	45	—	—	0	—	18.1	9
	Hyderabad	000	0	0	00	00	98	00	0	176	78	0	0	9	0	0	52	83	000	0	0	36	02	97	03	1	198	55	0	0	9	0	0	38	54	—	—	0	— 0.1	12.0	9
	Badin	000	0	3	06	02	97	00	0	166	82	0	0	9	0	0	45	87	000	0	0	36	02	97	00	0	192	51	0	0	9	0	0	45	48	+ 4	— 6	0	— 0.2	14.8	8
Khairpur	Padidan	000	0	7	36	03	97	02	1	184	75	0	0	9	0	0	36	79	000	0	6	00	00	96	00	0	206	42	0	0	9	0	0	37	40	—	—	0	—	11.1	—
	Nawabshah	000	0	6	00	00	97	02	2	192	77	0	0	9	0	0	35	80	000	0	3	00	00	97	03	0	208	43	0	0	9	0	0	37	42	—	—	0	—	9.8	—
	Sukkur	000	8	5	36	02	97	03	1	183	76	0	0	9	0	0	34	80	000	0	4	7	13	02	95	05	2	202	52	7	0	9	6	0	48	47	—	—	0	—	8.2	—
	Kashmore	000	0	0	00	00	98	00	0	201	78	0	0	9	0	0	29	82	000	0	0	00	00	99	00	0	192	60	0	0	9	0	0	46	44	—	—	0	—	1.9	—
	Jacobabad	000	0	3	31	02	97	03	0	187	75	0	0	9	0	0	31	79	000	0	1	31	03	97	02	0	206	49	0	0	9	0	2	30	47	+ 1	— 2	0	— 0.1	8.3	4
Junagadh	Veraval																																							20
Ighanistan	Jalalabad																																							
Arabia	Muscat																																							
	Kuwait																																							
	HILL STATIONS																																							
Kashmir	Srinagar *																																						26
	Gulmarg **																																						26
	Sonamarg																																						71
	Dras **																																						26
	Leh **																																						26
	Skardu **																																						8
	Minjar **																																						8
	Allabad *																																						1
	Gilgit *																																						5
Rawalpindi	Murree	000	0	0	00	00	98	00	0	534	47	0	0	9	0	0	20	53	000	0	0	09	05	98	00	0	527	43	0	0	9	0	0	09	37	+ 3	— 0	3.2	+ 2.3	72.5	59
Peshawar	Drosh *	000	0	0	05	17	96	02	0	562	48	0	0	9	0	0	07	52	000	0	0	00	01	97	02	0	575	38	0	0	9	0	0	16	37	— 5	— 2	0.9	—	23.9	18
	Chorat *	000	0	0	05	05	98	00	0	552	53	0	0	9	0	0	47	55	000	0	0	05	05	98	00	0	511	48	0	0	9	0	0	42	49	— 4	— 2	1.7	+ 1.2	35.2	29
	Kakul	000	0	0	00	00	99	00	0	537	54	0	0	9	0	0	23	64	000	0	0	05	03	98	00	0	525	43	0	0	9	0	0	20	40	—	—	3.7	—	40.0	—
	Landikotal	000	0	0	00	00	99	00	0	530	56	0	0	9	0	0	34	61	000	0	0	23	03	99	00	0	521	xx	0	0	9	0	0	28	35	—	—	1.9	—	15.0	—
	Parachinar	000	0	0	00	00	99	00	0	514	55	0	0	9	0	0	08	60	000	0	0	00	00	99	00	0	529	35	0	0	9	0	0	11	37	+ 1	+ 2	0.6	—	29.8	29
D.I. Khan	Miranshah *																																							13
	Wana *	000	0	0	00	00	99	00	0	509	35	0	0	9	0	0	13	28	000	0	0	00	00	99	00	0	509	40	0	0	9	0	0	12	xx	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	547	41	0	0	9	0	0	20	65	000	0	0	00	00	98	02	0	561	44	0	0	9	0	0	12	38	— 0	— 2	0.1	— 0.1	11.3	11
	Hindubagh *	000	0	0	25	12	97	00	0	527	56	0	0	9	1	0	60	60	000	0	0	27	02	97	00	0	561	38	0	0	9	0	0	03	25	—	—	0.1	—	5.9	—
	Loralai *	000	2	2	20	02	99	00	0	535	58	0	0	9	1	0	12	63	000	0	0	31	05	99	00	0	520	41	0	0	9	0	0	05	35	—	—	0	—	5.6	9
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	x	x	x	x	x	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.3	34.7	16
	Quetta *	000	0	0	00	00	97	00	0	533	53	0	0	9	0	0	29	54	000	0	0	00	00	96	00	0	573	39	0	0	9	0	0	22	24	—	—	0.4	— 0.0	6.7	4
	Chaman *	000	0	0	22	08	98	00	0	599	51	0	0	9	0	0	12	57	000	0	0	09	05	98	00	0	569	38	0	0	9	0	0	16	33	— 4	— 5	0.4	— 0.1	6.8	8
	Nushki *	000	0	0	00	00	98	02	0	607	62	0	0	9	0	0	41	64	000	0	0	00	00	98	02	0	603	32	0	0	9	0	0	31	47	— —	— —	0.0	—	3.9	—
	Dalbandin *	000	8	3	09	03	97	03	0	571	64	3	0	9	0	0	27	67	000	9	1	13	03	97	03	0	541	32	0	0	9	0	1	11	29	— 7	— 8	0.2	— 0.1	2.8	4
Kalat	Kalat	000	0	0	31	03	98	00	0	536	49	0	0	9	0	0	28	66	000	0	0	18	03	98	10	0	557	24	0	0	9	0	0	24	17	+ 8	— 10	0.2	— 0.2	13.1	7
	Panjgur	000	0	6	36	05	98	03	1	556	62	0	0	9	5	0	18	64	000	0	1	05	02	98	02	0	545	42	0	0	9	0	0	18	38	— 5	— 3	0.2	—	5.2	5
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

Met. O. 202 A,

Page—2

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 5th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sacramento	23 173	567 00	6 05 13	98 0 22	155 77	48 5 32	55 7 15	...	05 2 86	10 5 21
Shalljabra	23 219	689 00	0 02 15	98 0 20	160 72	00 9 00	55 4 00	...	05 4 60	10 2 20
Alicastan	23 257	572 00	0 00 00	99 0 10	202 73	00 9 00	24 4 03	...	05 4 60	...
Mustali	23 239	671 00	0 04 09	99 0 00	181 64	00 9 00	...	...	...	...
Villedal	23 256	573 06	3 08 05	99 0 30	240 75	00 9 08	35 2 20	...	05 8 52	10 8 23
Scramento	23 169	556 06	6 06 15	98 0 22	186 84	38 5 92	55 2 12	...	00 7 69	10 6 22
Allerton	23 249	579 06	7 40 02	99 0 30	202 77	00 9 05	34 4 00		80 2 63	...
British	23 192	646 06	3 05 13	98 0 20	176 79	00 9 12	74 2 08		05 2 67	10 5 23
Caltex	23 239	587 36	5 04 07	99 0 21	232 76	11 4 04	—		05 2 55	10 4 21
British General	23 198	639 12	1 04 15	98 0 20	155 78	00 9 01	74 7 10		05 2 68	10 4 23
Valiente	23 448	590 12	5 08 05	99 0 30	203 79	00 9 08	35 6 23		00 1 50	10 8 21
Caltex Naples	23 254	575 42	3 10 07	99 0 21	203 77	00 8 04	00 0 10		11 0 68	...
British General	23 205	630 18	0 04 13	98 0 20	194 77	00 9 00	74 1 23		05 2 66	10 4 23
Sacramento	23 054	529 18	6 06 14	93 0 22	153 78	00 9 70	55 6 15		80 3 71	10 6 22
Allisteam	23 233	592 18	1 00 00	99 0 11	201 75	11 4 00	34 4 00		00 0 58	
BAY OF BENGAL										
Decencity	23 126	857 04	3 08 10	98 0 10	167 84	31 7 00	...		...	...
Lordcoring	22 176	908 12	1 05 13	98 2 01	152 78	10 6 01	...		...	...
Andamans	22 713	906 12	5 02 13	98 0 31	151 77	00 8 02	74 x xx		00 0 67	10 2 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000_{mb}	900_{mb}	850_{mb}	800_{mb}	700_{mb}	600_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 145 122	126 182 115	...	143 102 065	..	306 075 995	440 510 990	574 600 990	743 708 992	949 852	219 045	...	...
Jiwani ...														
Karachi ...	00 03	015 135 038	151 175 995	...	150 132 995	...	314 055 995	438 525 998	531 582 998	750 005 995	957 832	229 060	409 142	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	976 058 535	...	...	150 112 615	...	310 008 995	432 575 995	571 670 990	735 775 992	938 882	...	—	...
Quetta ...	00 00	838 502 558	..	...	...		313 555 995	433 605 935	571 692 995	733 805 995	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	St. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 118 068	862 085 052	...	—	—	...	—	...	...	862 085 052	...	...
Jiwani ...													
Karachi ...	00 00		...	...	...	...	...	...	—	...	xxxxxx xxx	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 135 802	800 080 590	...	...	...	..	...	...	...	800 080 590	...	...
Quetta ...	00 00	800 035 528	—	...	...	...	...	...	...	...	600 355 528	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd : Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	28 11	30 07	31 06	33 06	...	...	...	...	...	34 12	35 09	04 03	10 06	...	...	33 11	33 07	34 06	04 02	...	...	...	...	...	...	...
Chaklala ...	...	27 07	35 02	06 02	04 03	30 03	26 16	26 21	27 21	...	03 03	23 02	25 07	35 11	33 05	...	18 01	05 01	34 06	34 06	28 05	35 07	32 21	30 11	29 26	27 47
Chhor ...	01 08	02 06	02 04	01 07	32 06	29 08	...	...	...	05 13	03 10	02 08	35 11	36 11	28 21	04 09	04 10	04 10	01 12	03 12	31 09	...	...	...	...	...
Chittagong ...	32 26	34 06	02 08	29 07	29 14	26 20	...	...	...	01 07	01 07	36 06	23 06	26 12	26 22	02 04	36 07	31 07	21 05	23 12	26 23	24 37	25 35	27 37	26 49	—
Cox's Bazar ...	36 08	01 08	36 03	28 10	...	...	...	...	...	36 15	36 12	33 06	20 11	24 12	26 16	36 05	35 06	16 02	21 11	26 10	26 13	25 31	26 32	26 33	...	—
Dacca ...	29 12	30 09	30 08	34 09	...	...	...	...	...	35 10	36 04	02 03	02 03	27 06	27 23	33 07	02 05	02 04	06 05	28 10	28 25	27 35	36 43	27 48	...	—
Dalbandin ...	...	...	09 08	06 08	36 14	31 45	30 31	27 30	27 34	...	...	10 03	03 08	36 13	33 13	...	...	08 08	05 12	35 12	33 14	31 28	31 23	30 31	28 36	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 17	03 12	34 04	31 06	21 03	...	...	...	24 07	24 05	25 04	...	...	...	...	03 18	01 15	34 34	...	...	...	...
Fort Sandeman ...	...	...	...	35 02	30 07	29 16	28 27	28 27	27 41	...	...	...	22 06	33 05	02 15	...	...	...	23 05	33 10	34 17	31 27	30 35	...	...	...
Jacobabad ...	29 04	28 03	28 03	31 05	29 09	30 12	29 19	29 33	29 40	28 07	32 07	35 12	34 13	32 14	29 20	32 09	36 07	01 07	33 09	33 14	29 20	30 26	30 34	30 40	60 59	—
Jessore ...	30 08	32 07	33 07	32 10	29 21	28 24	...	...	...	33 07	15 01	10 04	29 09	27 12	27 24	35 06	03 01	08 05	31 09	28 13	28 24	26 32	...	...	...	...
Jhelum ...	29 04	30 05	30 03	36 03	36 01	25 06	26 18	26 24	27 36	...	...	...	...	...	...	36 02	22 04	11 01	31 02	33 04	34 06	33 07	36 06	34 13	31 30	29 33
Jiwani ...	10 03	05 06	04 08	03 10	05 09	36 02	27 25	27 28	25 21	03 13	04 15	05 15	04 12	04 05	29 07	04 10	06 11	07 09	09 05	06 03	32 07	30 14	28 22	27 26	...	...
Karachi ...	05 06	05 09	05 09	04 08	06 09	35 06	29 12	26 13	26 24	...	...	...	...	...	...	05 04	02 04	04 06	06 06	36 04	31 08	30 15	30 24	28 32	...	...
Khanpur ...	25 02	30 02	24 02	23 02	23 06	31 12	28 26	29 35	28 43	20 07	21 10	24 11	23 11	25 14	35 17	24 09	25 10	26 07	28 07	28 04	29 09	30 19	28 41	—	...	...
Lahore ...	31 06	30 08	29 07	29 08	29 08	27 04	28 09	27 17	27 26	29 10	30 10	29 10	29 11	29 10	31 08	35 04	31 05	31 08	30 11	30 13	33 15	28 26	...	...	...	...
Multan ...	17 05	21 07	22 09	25 08	27 11	27 11	29 19	28 29	27 37	27 05	27 05	25 03	34 02	32 09	26 19	20 61	20 06	20 05	03 04	33 07	23 09	29 29	29 38	28 43	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 17	03 11	03 12	29 18	26 19	26 25	...	...	...	02 16	01 19	01 10	...	...	...	02 21	02 17	33 06	32 09	31 21	29 20	28 30	29 48
Peshawar ...	...	23 04	30 04	31 08	31 09	32 01	32 04	26 17	25 18	...	08 02	28 06	30 10	33 14	33 07	...	31 04	09 02	36 13	01 23	04 13	08 10	01 13	03 20	...	...
Quetta ...	...	...	...	...	33 06	31 09	27 24	26 27	27 36	NO	..	ASC	ENT	...	...	...	...	...	...	35 04	35 23	32 42	32 62	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	24 03	26 05	28 03	29 06	03 01	...	...	...	...	09 10	09 04	03 03	08 11	01 04	27 33	11 01	10 04	07 07	07 05	27 07	27 27	27 42	...	...	...	...
Varanasi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	05 06	02 06	02 07	02 08	04 06	04 08	28 17	29 30	28 42	26 60	26 83	26 91	26 57	26 89	26 89	...	...	...
Peshawar ...	...	06 08	30 11	24 12	24 08	28 08	32 30	32 46	32 54	31 63	29 70	26 98	—	...	..	...	...	...
Quetta ...																		

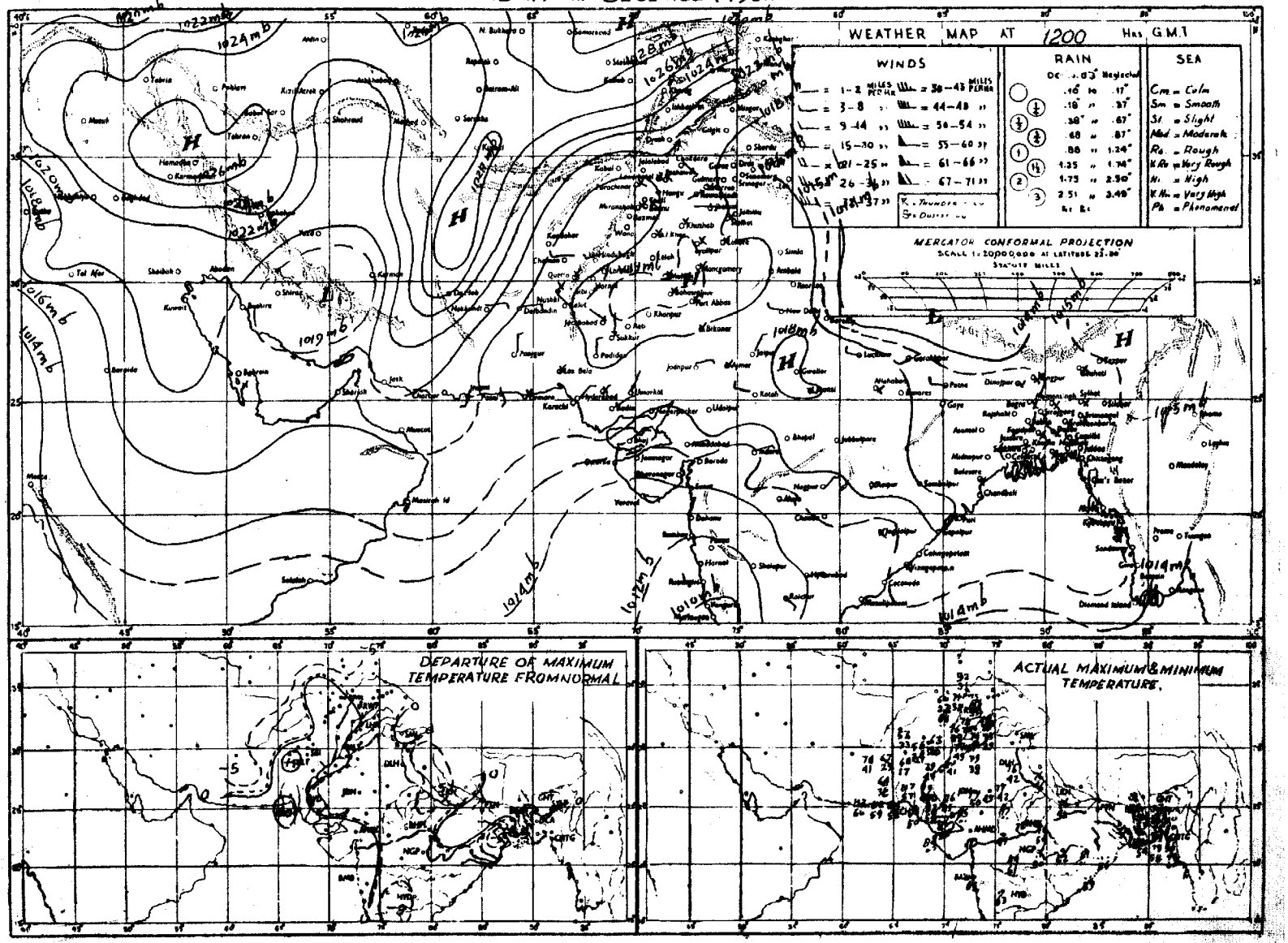
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

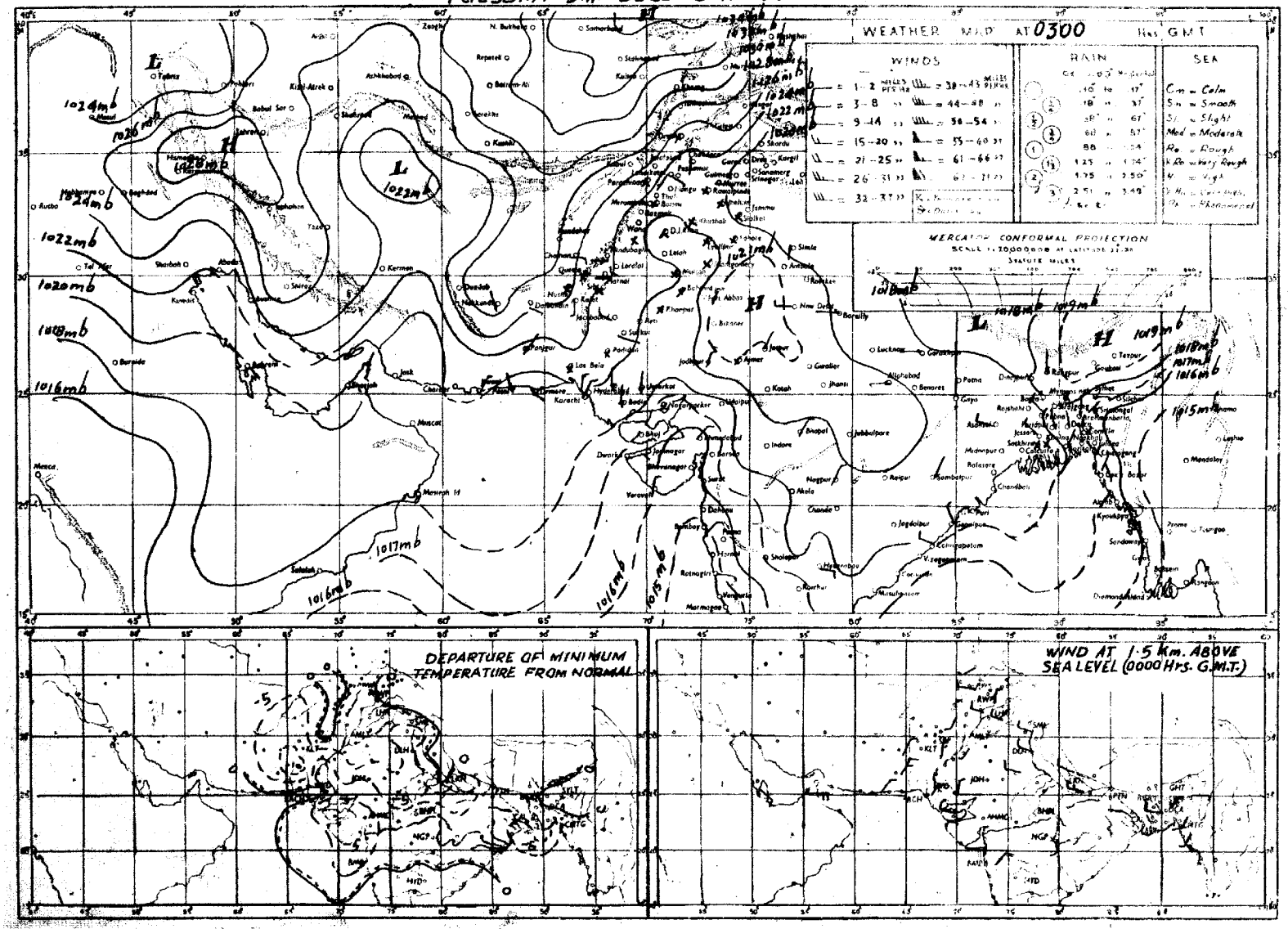
MONDAY, 4th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY, 5th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 6th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance now lies over Rassian Turkistan.
Weather remained dry over the country.
Night temperatures were 3-8°F below normal in West Pakistan outside Karachi and south Kalat, divisions.
Forecast valid until the evening of 7th December, 1961:—Dry weather will continue over the country.

Karachi-11
The 6th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																			At 0300 Hrs. G.M.T. of date																Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Could †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	We	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	7	16	02	xx	00	0	139	72	0	x	0	0	x	59	79	000	2	9	30	01	95	43	4	170	65	9	x	0	9	x	x	62	61			0.1	—	155.5	—
	Cox's Bazar	000	0	0	36	03	xx	02	0	179	71	0	0	9	0	0	63	79	000	0	0	05	02	97	02	0	149	70	0	0	9	0	0	61	58	—	2	1.0	+ 2.5	156.7	140
	Chittagong	000	0	0	00	00	xx	00	0	132	70	0	0	9	0	0	63	79	000	0	0	00	00	96	00	0	158	69	0	0	9	0	0	61	56	—	—	0.1	+ 2.2	170.3	108
	Maijdee Court	000	9	0	27	02	xx	10	0	127	70	0	0	9	0	0	62	78	000	9	0	00	00	98	00	4	161	70	0	0	9	0	0	67	55	—	2	0	— 1.7	124.5	115
	Comilla																																					0	— 1.4	77.0	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	141	71	0	0	9	0	0	63	81	000	0	0	23	02	97	00	1	163	70	0	0	9	0	0	62	60	—	—	0	— 1.1	65.4	78
	Sylhet	000	0	0	00	00	xx	01	0	135	70	0	0	9	0	0	60	80	000	0	2	09	05	97	01	1	160	65	2	4	6	0	0	58	57	—	—				
	Srimangal	000	0	0	00	00	xx	00	0	xxx	62	0	0	9	0	0	59	80																				0.1	—		99
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	133	72	0	0	9	0	0	62	80	000	0	0	00	00	96	00	0	165	63	0	0	9	0	0	61	58	+	3				
	Narayanganj	000	9	0	00	00	xx	05	4	132	71	0	0	9	0	0	60	82	000	9	0	31	02	96	05	4	161	69	0	0	9	0	0	61	53	+	1	0.3	— 0.7	62.1	91
	Dacca (Tejgaon)	000	0	0	27	05	97	02	0	130	68	0	0	9	0	0	60	80	000	0	1	31	02	96	02	0	156	66	0	0	9	5	0	59	61	+	2	0.4	— 0.6	73.0	74
	Faridpur	000	0	0	00	00	95	05	0	157	68	0	0	9	0	0	59	76	000	0	2	34	02	95	05	0	162	67	2	8	5	0	0	57	56	—	2	0	— 1.1	87.6	71
Khulna	Barisal	000	0	0	00	00	96	00	1	132	75	0	0	9	0	0	70	79	000	9	0	05	02	97	02	4	169	68	0	0	9	0	0	63	58	—	1	0	— 1.7	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	126	70	0	0	9	0	0	60	78	009	0	0	05	03	97	00	0	164	69	0	0	9	0	0	59	51	—	1	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	142	71	0	0	9	0	0	55	75	000	0	0	00	00	97	00	0	167	65	0	0	9	0	0	54	51	—	7	0	— 1.8	54.3	65
	Jessore	000	0	0	00	00	97	00	0	147	70	0	0	9	0	0	60	78	000	0	0	36	02	97	00	0	164	63	0	0	9	0	0	56	50	—	—	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	00	0	143	68	0	0	9	0	0	59	78	000	0	0	31	05	95	10	0	157	64	1	0	9	5	0	57	56	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	xx	00	0	133	67	0	0	9	0	0	60	79	000	0	0	31	03	96	00	0	164	70	0	0	9	0	0	56	58	—	—	0.7	0	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	129	73	0	0	9	0	0	63	79	000	0	0	31	02	96	02	0	161	67	0	0	9	0	0	57	59	—	0	0.3	— 0.6	53.4	69
	Dinajpur	000	0	0	00	00	xx	00	0	136	71	0	0	9	0	0	61	82	000	0	0	00	00	96	00	0	166	65	0	0	9	0	0	54	53	+	3	0	— 0.4	51.7	72
	Rangpur	000	0	0	00	00	xx	00	0	138	69	0	0	9	0	0	61	79	000	0	3	31	02	94	42	4	166	64	3	0	9	2	0	60	53	—	0	0.1	— 0.4	80.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Tail Rd.)	000	0	0	00	00	94	10	0	158	66	0	0	9	0	0	44	72	000	0	0	00	00	94	10	0	184	41	0	0	9	0	0	37	37	—	5	—	— 0.1	51.2	19
	Sialkot	000	0	0	00	00	97	00	0	163	63	0	0	9	0	0	51	69	000	0	0	00	00	97	00	0	165	52	0	0	9	0	0	41	40	—	4	0.9	+ 0.7	35.9	22
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	160	63	0	0	9	0	0	47	75	000	0	0	00	00	95	05	0	183	39	0	0	9	0	0	35	36	—	—	1.0	—	35.8	
	Rawalpindi	000	0	0	20	02	99	00	0	167	58	0	0	9	0	0	37	69	000	0	0	34	02	97	10	0	198	36	0	0	9	0	0	35	35	—	2	1.7	+ 1.3	53.9	36
	Campbellpur	000	0	0	36	01	98	00	0	144	65	0	0	9	0	0	37	71	000	0	0	05	01	98	00	0	179	42	x	x	x	x	x	32	33	—	—	0.8	—	17.6	—
Lyallpur	Khushab	000	0	0	00	00	99	00	0	162	75	0	0	9	0	0	15	78	000	0	0	00	00	99	00	0	191	40	0	0	9	0	0	32	36	+	2	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	181	73	0	0	9	0	0	56	64	000	0	0	00	00	93	05	4	195	44	0	0	9	0	0	39	40	—	9	0.1	— 0.1	14.0	12
Multan	Montgomery	000	0	0	00	00	96	00	0	168	69	0	0	9	0	0	51	75	000	0	0	00	00	96	02	0	179	49	0	0	9	0	0	40	41	+	2	0.1	+ 0.1	10.2	10
	Multan	000	0	0	00	00	98	02	0	164	70	0	0	9	0	0	42	78	000	0	0	00	00	97	02	0	181	48	0	0	9	0	0	36	41	+	2	0	— 0.1	7.5	7
	Leiah	000	0	0	13	01	97	00	0	150	68	0	0	9	0	0	41	78	000	0	0	18	02	97	00	0	191	44	0	0	9	0	0	34	36	—	—	0	— 0.1	10.6	7
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	156	75	0	0	9	0	0	44	80	000	0	0	00	00	95	05	0	178	43	0	0	9	0	0	33	37	—	8	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	146	70	0	0	9	0	0	52	83	000	0	0	00	00	98	00	0	132	52	0	0	9	0	0	29	43	—	2	0	—	4.9	4
	Fort Abbas	000	0	0	00	00	98	00	0	166	70	0	0	9	0	0	48	76	000	0	0	13	02	98	00	0	192	46	0	0	9	0	0	30	38	—	—	0	0	—	8
Peshawar	Chakdara	000	0	0	13	01	97	00	0	127	58	0	0	9	0	0	35	61	000	0	0	00	00	97	00	0	198	38	0	0	9	0	0	30	34	—	—	2.3	—	27.6	—
	Peshawar	000	0	0	00	00	96	04	0	162	65	0	0	9	0	0	40	70	000	0	0	00	00	97	02	0	194	39	0	0	9	0	0	28	37	—	0	1.4	+ 1.0	19.2	11
	Haripur	000	0	20	02	97	00	0	165	62	0	0	9	0	0	28	67	000	0	0	25	03	97	00	0	181	43	0	0	9	0	0	29	38	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	158	65	0	0	9	0	0	44	68	000	0	0	00	00	99	00	0	187	40	0	0	9	0	0	29	38	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	120	71	0	0	9	0	0	50	77	000	0	0	00	00	98	00	0	178	42	0	0	9	0	0	37	37	+	2	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	23	02	98	00	0	156	78	0	0	9	0	0	24	82	000	0	0	00	00	97	00	0	185	44	0	0	9	0	0	26	41	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	27	03	98	02	0	192	73	0	0	9	0	0	37	74	000	0	0	34	03	98	02	0	243	48	0	0	9	0	0	16	41	—	—	0	—	1.0	2
	Turbat	000	0	0	07	02	98	00	0	156	83	0	0	9	0	0	23	85	000	0	0	09	02	98	00	0	183	65	0	0	9	0	0	14	xx	—	—	1.0	—	12.3	5
	Jiwani	000	9	1	11	03	98	02	0	172	79	0	0	9	0	0	45	83	000	0	0	36	02	97	02	0	188	55	0	0	9	0	0	27	55	—	—	0	—	3.8	5
	Pasni	000	8	2	20	07	98	01	1	158	79	0	0	9	0	2	55	82	000	0	0	34	04	98	00	0	173	59	0	0	9	0	0	26	58	+	2	+	3	0	— 0.3	5.4	6
Karachi Division	Ormara	000	0	0	18	02	97	00	1	150	81	0	0	9	0	0	39	83	000	0	0	00	00	96	00	0	162	58	0	0	9	0	0	52	51	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	197	86	0	0	9	0	0	55	87	000	0	0	00	00	98	00	0	221	66	0	0	9	0	0	32	53	—	—	0	—	0	8
	Karachi (Manora)	000	4	27	10	98	01	1	154	81	0	0	9	0	3	72	86	000	0	0	05	07	96	02	0	172	66	0	0	9	0	0	49	62	+	5	+	1	0	— 0.1	9.8	8
	Karachi (Airport)	000	7	23	02	96	01	0	158	84	0	0	9	0	1	33	86	000	0	1	00	00	96	03	0	178	53	0	0	9	0	1	34	48	—	—	0	—	24.6	
Hyderabad	Nagarparkar	000	0	13	02	97	00	0	120	82	0	0	9	0	0	70	83	000	0	0	00	00	97	00	0	171	61	0	0	9	0	0	45	xx	—	—	0	—	27.3	—
	Umerkot	000	2	34	01	98	02	0	144	79	0	0	8	0	0	44	84	000	0	0	xx	xx	97	02	0	164	47	0	0	9	0	0	30	44	—	—	0	—	18.1	—
	Hyderabad	000	2	30	06	97	01	0	169	76	0	0	8	0	0	43	82	000	0	0	00	00	94	05	0	179	53	0	0	9	0	0	40	48	—	—	0	— 0.1	12.9	7
	Badin	000	0	36	02	97	00	0	170	80	0	0	9	0	0	41	83	000	0	0	36	02	97	00	0	182	50	0	0	9	0	0	43	47	—	—	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	00	00	97	02	1	164	75	0	0	9	0	0	38	80	000	0	0	00	00	96	02	0	181	42	0	0	9	0	0	38	39	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	01	1	174	76	0	0	9	0	0	38	79	000	0	0	00	00	97	02	0	190	40	0	0	9	0	0	39	39	—	—	0	—	9.3	—
	Sukkur	000	2	0	31	02	97	02	1	155	78	0	0	9	0	0	40	79	000	0	0	00	00	97	02	0	177	53	0	0	9	0	0	51	48	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	207	74	0	0	9	0	0	31	82	000	0	0	00	00	99	00	0	194	58	0	0	9	0	0	42	43	—	—	0	—	1.8	4
	Jacobabad	000	0	0	00	00	97	02	0	155	79	0	0	9	0	0	36	80	000	0	0	00	00	97	02	0	182	50	0	0	9	0	0	29	45	+	2	0	— 0.1	8.3	4
Baluchistan	Veraval																																								20
Iran	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg *																																								71
	Sonamerg *																																								26
	Dras *																																								2
	Leh *																																								6
	Skardu *																																								—
	Minjar *																																								—
	Allabad *																																								5
	Gilgit *																																								
Rawalpindi	Murree	000	0	0	07	05	98	00	0	512	24	0	0	9	0	0	24	53	000	0	0	0	09	09	98	00	0	507	43	0	0	9	0	0	03	36	+	1		0	3.2	+ 2.3	72.5	59
Peshawar	Drosh	000	0	0	09	12	96	02	0	538	49	0	0	9	0	0	06	53	000	0	0	0	09	01	97	02	0	559	40	0	0	9	0	0	06	37	—	4		0	0.9	—	23.9	18
	Chitral	000	0	0	02	05	98	00	0	542	54	0	0	9	0	0	48	61	000	0	0	0	34	05	98	00	0	511	48	0	0	9	0	0	04	43	+	2		0	1.7	+ 1.2	35.2	29
	Kakul	000	0	0	31	02	98	00	0	515	54	0	0	9	0	0	31	61	000	0	0	0	31	02	98	00	0	510	42	0	0	9	0	0	18	36	—	—		0	3.7	—	40.0	—
	Landikotal	000	0	0	23	03	99	00	0	511	60	0	0	9	0	0	39	62	000	0	0	0	00	00	99	00	0	496	42	0	0	9	0	0	26	37	—	—	—	—	1.9	—	15.0	—
	Parachinar	000	0	0	31	01	99	00	0	510	53	0	0	9	0	0	19	64	000	0	0	0	00	00	99	00	0	568	32	0	0	9	0	0	21	xx	+	5	—	—	1.9	—	29.0	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	512	67	0	0	9	0	0	20	73	000	0	0	0	00	00	99	00	0	492	42	0	0	9	0	0	13	38	—	—	—	xx	0.1	—	7.8	13
	Wana	000	0	0	00	00	99	00	0	513	59	0	0	9	0	0	43	63	000	0	0	0	00	00	99	00	0	513	32	0	0	9	0	0	10	27	—	—	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	527	61	0	0	9	0	0	14	64	000	0	0	0	00	00	98	02	0	539	39	8	0	9	0	0	06	36	—	1		0	0.1	— 0.1	11.3	11
	Hindubagh	000	0	0	25	10	97	00	0	514	57	0	0	9	0	0	11	61	000	0	0	0	31	03	97	00	0	535	45	0	0	9	0	0	08	28	—	4	—	—	0.1	—	5.9	—
	Loralai	000	0	0	16	03	99	00	0	353	60	0	0	9	0	0	12	67	000	0	0	0	25	03	99	00	0	344	33	0	0	9	0	0	00	31	—	—	—	—	0	—	5.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	—	—	0.1	— 0.3	34.8	14
	Quetta	000	0	0	09	01	96	00	0	560	53	0	0	9	0	0	32	56	000	0	0	0	00	00	96	00	0	563	40	0	0	9	0	0	21	23	—	—	—	—	0.4	— 0.1	6.7	4
	Chaman	000	0	0	27	05	98	00	0	545	60	0	0	9	0	0	05	61	000	0	0	0	09	05	98	00	0	555	42	0	0	9	0	0	13	xx	—	0	—	xx	0.6	— 0.2	6.8	8
	Nushki	000	0	0	27	05	98	02	0	607	63	0	0	9	0	0	41	65	000	0	0	0	00	00	98	02	0	597	46	0	0	9	0	0	25	42	—	—	—	—	0	—	3.8	—
	Dalbandin	000	0	0	09	07	98	02	0	559	65	0	0	9	0	0	21	67	000	2	2	0	00	00	97	03	0	525	32	0	0	9	0	1	18	30	—	2	—	4	0.2	+ 0.1	2.8	4
Kalat	Kalat	000	0	0	31	03	98	00	0	517	51	0	0	9	0	0	28	57	000	0	0	0	18	03	98	00	0	552	28	0	0	9	0	0	23	20	—	1	—	7	0.2	— 0.2	13.1	7
Afghanistan	Panjgur	000	0	0	31	05	98	02	0	540	64	0	0	9	0	0	27	65	000	0	0	0	05	03	98	02	0	526	40	0	0	9	0	0	09	38	—	4	—	1	0.2	—	5.2	5
	Kabul *																																								12
	Kandhar *																																								

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 6th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_sL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PBP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sC_hh_s$	OT,T,T_dT_d	Id$_w$d$_w$P$_w$I$_i$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British general	33 241	584 09	0 99 02	98 0 20	180 74	00 9 00	74 7 10	...	05 6 59	19 9 20
Eucadet	33 156	575 00	2 07 08	98 0 20	140 77	20 5 00	65 7 00	...	05 3 71	10 7 33
Villetia	33 236	619 00	2 09 02	99 0 20	187 74	00 9 04	35 6 15	...	05 4 57	19 9 22
British general	33 212	620 00	0 04 07	98 0 20	173 77	00 9 00	74 7 20	...	05 3 66	10 4 22
Villetia	33 230	632 06	3 02 06	99 0 20	220 79	00 9 04	35 1 15	...	00 1 57	10 2 23
Fuadia	33 151	562 06	4 06 18	98 0 30	175 78	21 5 11	65 1 10	...	05 2 72	10 7 44
Bangkalis	33 244	602 06	3 33 05	98 0 20	209 75	00 9 01	36 2 20	...	05 1 59	13 3 21
British general	33 220	611 06	6 03 09	98 0 21	206 76	00 9 08	74 1 20	...	05 3 60	10 3 22
Albistan	33 225	599 06	2 01 09	99 0 20	188 75	25 4 00	43 4 00	...	05 2 64	...
Bangkalis	33 236	619 12	2 09 11	98 0 20	168 75	20 9 02	36 6 23	...	05 1 54	10 5 22
British Resource	33 284	509 12	6 33 02	99 0 31	152 75	00 9 77	35 6 15	...	02 0 62	10 0 00
British general	33 227	602 12	5 04 13	99 0 21	173 77	00 9 06	74 6 20	...	05 3 63	10 4 23
Velletia	33 224	647 12	5 09 09	96 0 21	163 77	00 9 04	35 6 10	...	05 1 55	10 4 22
Albistan	33 215	596 12	5 04 18	99 0 23	165 78	11 4 15	33 7 20	...	00 1 69	...
Velletia	33 217	662 18	0 03 13	99 0 11	172 77	00 9 00	35 0 02	...	05 1 52	10 3 22
Kieldrecht	33 177	690 18	0 03 10	98 0 20	130 79	00 9 00	...	...	05 2 70	10 3 20
Bengkalis	33 230	635 18	2 04 05	98 0 20	183 75	20 5 40	36 1 10	...	05 2 52	10 4 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTTdTdTd						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	014 128 105	124 165 122	...	145 102 999	..	309 552 999	434 515 999	576 622 999	743 710 999	950 842	220 068	...	...
Decca ...														
Jiwani ...														
Karachi ...	00 00	014 158 055	140 208 168	...	150 158 999	...	315 085 999	440 505 999	584 585 999	753 690 999	960 852	232 945	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	974 045 002	...	...	150 112 562	...	311 008 695	430 562 752	570 620 599	735 718 999	934 885	...	...	...
Quetta ...		...	...	...	...		...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE: St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 118 072	...	...	...	...	...	...	...	...	900 118 072	...	...
Decca ...													
Jiwani ...											200 945 999	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00												
Multan ...													
Peshawar ...	00 00	917 125 512	900 122 522	800 078 612	...	...	...	...	...	...	800 078 612	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St– Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 05	32 06	34 05	01 07	25 13	29 32	...	...	...	35 18	36 11	02 05	36 02	30 02	...	35 04	35 05	01 04	29 09	28 20	27 29	27 31	26 42	...	...	...
Chaklala ...	...	28 07	31 04	33 08	34 06	36 06	25 03	35 07	30 14	...	...	...	...	...	...	...	27 01	26 01	34 11	34 06	35 07	36 08	35 17	32 26	32 33	30 37
Chhor ...	02 05	01 05	01 05	33 08	31 11	30 15	29 19	27 34	28 58	04 11	03 08	34 05	01 11	01 12	32 18	07 07	05 08	05 08	04 11	35 10	32 19	32 19	31 27	29 45	...	...
Chittagong ...	35 05	04 06	03 05	21 11	24 12	26 19	28 25	...	...	04 06	04 09	16 10	20 13	24 12	26 21	36 06	13 02	18 13	19 15	23 13	26 19	26 23	26 28	26 44	26 61	26 63
Cox's Bazar ...	33 09	03 05	14 12	...	...	...	...	...	...	35 06	35 12	15 09	19 15	21 12	25 15	36 02	14 08	17 19	18 20	22 13	26 19	25 23	26 25	26 41	...	...
Decca ...	29 07	32 04	36 03	32 03	29 12	28 21	27 31	27 39	26 58	09 03	12 01	05 02	26 10	26 14	28 22	05 02	06 04	06 03	09 02	30 13	27 15	26 23	26 32	26 54	26 63	...
Dalbandin ...	...	...	09 12	07 11	03 14	01 15	33 16	30 21	30 28	...	...	09 07	01 07	35 10	33 11	...	...	08 06	05 11	35 11	33 17	33 17	29 61	28 61	29 61	28 61
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 17	35 17	36 25	35 34	...	...	...	...	23 04	20 03	23 07	...	...	...	...	04 23	02 29	35 23	01 19	36 35	...	...
Fort Sandeman ...	...	...	...	33 03	31 17	32 23	33 26	31 39	...	...	...	...	23 05	34 06	32 19	...	...	...	22 07	27 09	33 17	32 21	32 32	30 52	30 51	...
Jacobabad ...	30 05	29 05	32 05	33 09	34 14	32 24	31 33	30 27	28 40	28 03	23 06	25 05	34 10	33 10	33 21	26 04	29 04	31 04	29 04	28 11	33 23	31 27	31 37	29 43	30 58	...
Jessore ...	29 03	01 03	01 06	29 13	29 21	27 26	...	...	...	03 09	03 05	05 05	29 10	27 10	...	33 03	31 06	31 03	34 09	33 10	32 13	31 12	33 10	...	...	...
Jhelum ...	25 01	30 04	32 05	34 06	35 09	35 09	35 06	36 09	30 23	33 04	28 09	31 13	33 16	34 13	35 07	33 13	31 06	31 03	34 09	33 10	32 13	31 12	33 10	32 28	32 37	...
Jiwani ...	13 03	15 05	16 08	04 07	01 07	35 08	33 09	33 13	27 23	03 09	01 11	01 11	04 13	08 08	30 08	03 14	05 12	06 14	05 10	07 06	34 08	32 10	31 10	31 20	27 25	27 40
Karachi ...	30 03	04 05	04 07	01 05	36 11	34 10	34 11	30 11	29 31	...	...	...	...	...	...	01 03	03 05	09 06	07 02	31 04	30 15	30 15	33 20	...	...	...
Khanpur ...	22 04	23 04	30 05	36 05	29 06	33 12	33 22	35 33	...	23 01	23 02	25 04	31 07	33 10	33 17	29 10	24 13	24 11	26 08	30 06	32 31	33 32	33 34	30 47	...	...
Lahore ...	31 08	30 09	30 08	32 13	33 14	34 12	33 10	28 22	29 50	03 01	36 04	33 08	32 10	33 14	34 12	25 01	29 05	30 10	30 15	32 15	34 16	35 15	32 27	32 38	...	...
Multan ...	12 03	10 04	10 03	29 03	31 06	31 18	30 24	30 32	29 51	22 07	24 05	27 05	29 03	33 03	32 07	17 07	19 09	20 10	20 05	32 03	29 15	32 26	32 31	30 37	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panigur ...	...	...	...	02 10	34 10	31 12	30 12	29 21	31 38	...	...	...	...	...	...	...	...	...	01 15	35 06	30 09	32 18	31 29	27 35	30 44	27 65
Peshawar ...	...	31 01	04 04	03 15	07 15	04 15	09 15	09 15	06 31	...	4 01	28 01	32 02	32 06	31 10	...	10 02	20 02	30 12	33 05	31 21	31 22	30 45	...	...	...
Quetta ...	...	...	...	...	31 08	33 12	33 19	32 35	29 33	NO	..	ASC	ENT	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	23 03	26 02	36 02	08 08	35 05	...	...	...	...	10 09	18 07	07 04	...	...	...	14 03	13 04	11 03	21 03	...	...	...	...	...	...	...
Varsaval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Decca ...	31 06	27 02	23 01	25 05	25 10	26 19	26 25	27 37	26 47	26 61	25 64	25 72	26 75	...	...	...	...	...
Karachi ...	33 11	36 08	05 07	04 06	04 08	34 15	31 16	32 23	30 29	29 45	28 58	30 55	30 40	...	...	...	...	...
Peshawar ...	...	33 07	27 06	31 07	31 09	31 06	31 09	31 13	30 15	30 22	30 28			...	...	...	...	...
Quetta ...																		

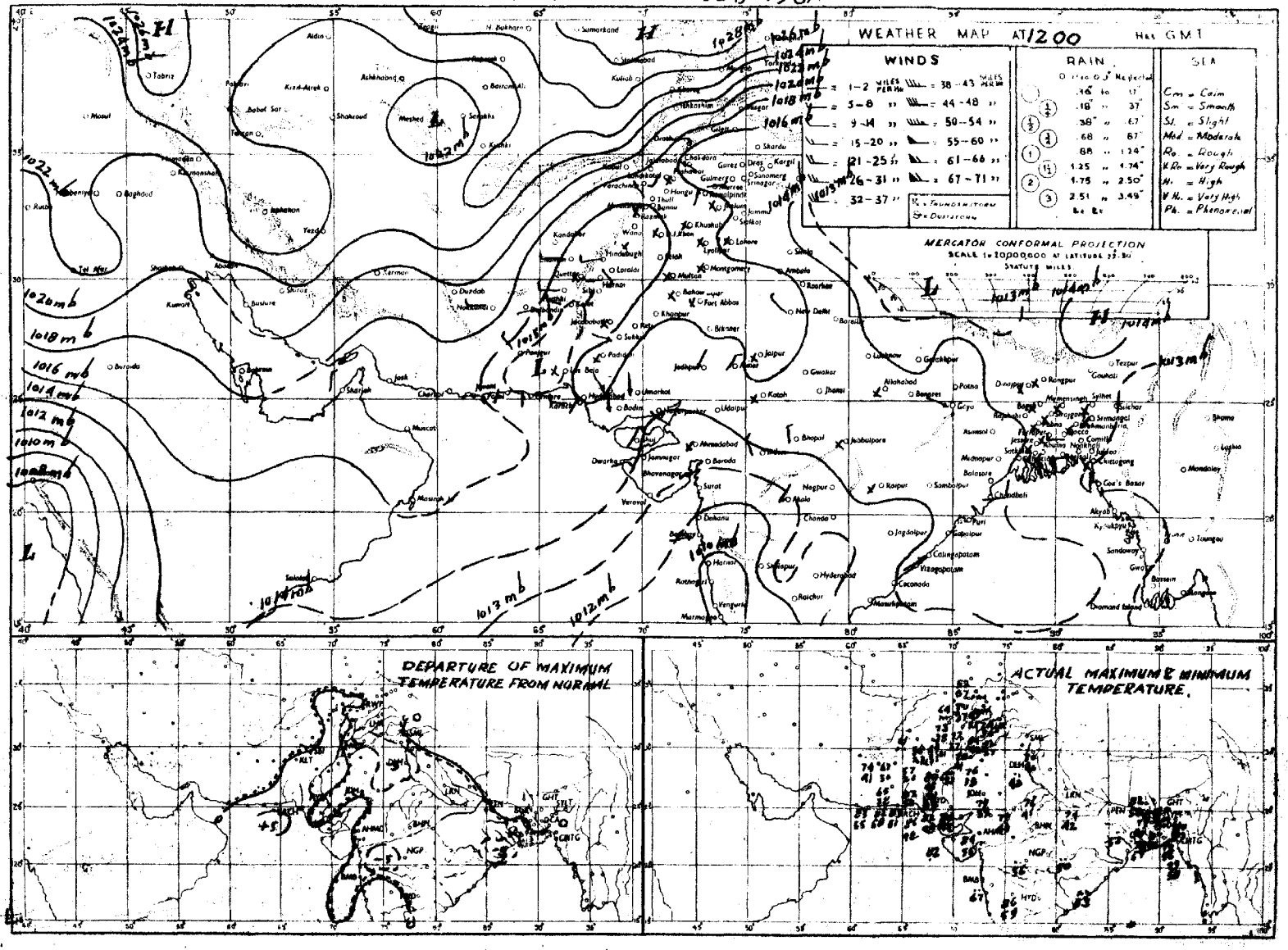
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

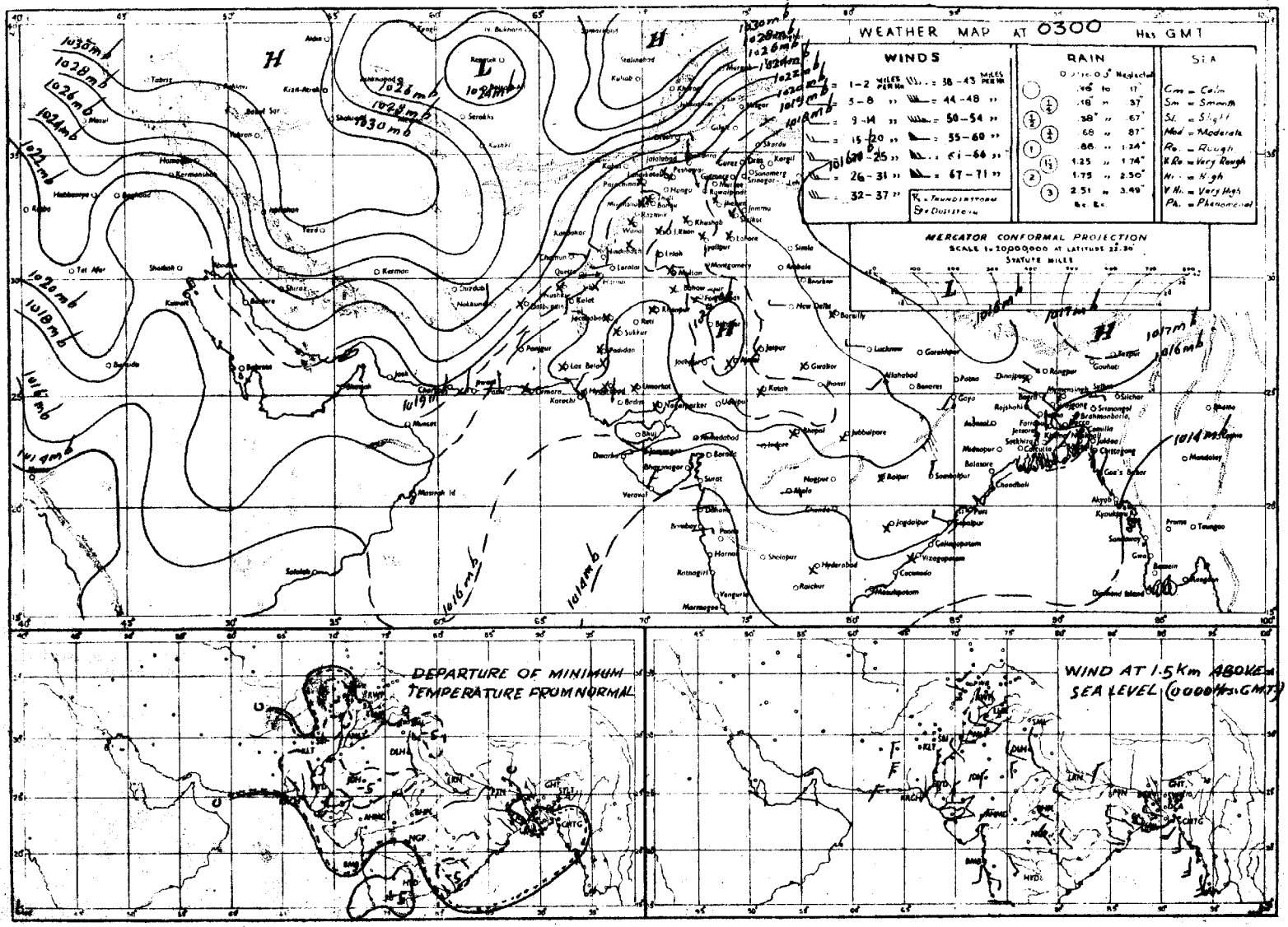
TUESDAY 5th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 6th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 7th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Dry continental air prevails over the country where weather remained dry.

Night temperatures were 4-6°F below normal in central districts of Dacca division and 3-5°F so in Lahore, Rawalpindi, D. I. Khan and north Kalat divisions.

Forecast valid until the evening of 8th December, 1961:—Dry weather will continue to prevail over the country.

Karachi-11
The 7th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date												Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Wt	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	27	02	xx	03	4	128	73	9	×	0	×	×	69	80	000	0	1	13	02	95	00	4	170	70	1	1	5	0	0	64	63	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	00	00	xx	00	0	113	72	0	0	9	0	0	61	81	000	0	0	00	00	98	00	0	150	74	1	1	6	0	0	62	61	0	+ 1	0.9	— 2.5	156.7	140
	Chittagong	000	0	0	00	00	xx	00	0	112	70	0	0	9	0	0	61	80	000	0	0	00	00	95	00	0	156	70	0	0	0	0	0	62	68	+ 1	— 1	0.1	— 2.3	170.7	108
	Maijdee Court	000	0	0	00	00	xx	10	0	120	69	0	0	9	0	0	60	79	000	0	0	00	00	98	00	0	142	67	0	0	0	0	0	60	54	0	— 1.7	0	— 1.7	124.1	115
	Comilla	030	0	0	00	00	97	03	0	108	74	0	0	9	0	0	61	81	000	0	0	00	00	97	02	0	150	70	0	0	0	0	0	58	55	+ 1	— 1.4	0	— 1.4	76.9	94
	Brahmanbaria	000	0	0	00	00	96	00	1	119	70	0	0	9	0	0	62	79	000	0	0	05	02	97	00	0	163	69	0	0	0	0	0	57	58	—	—	0.1	—	65.4	78
	Sylhet	000	0	0	00	00	xx	01	2	120	69	0	0	9	0	0	68	79	000	0	0	09	05	96	02	0	160	69	0	0	0	0	0	57	55	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	62	0	0	9	0	0	59	80	000	0	0	00	00	95	00	0	xxx	66	0	0	9	0	0	60	47	—	—	1.0	— 0.5	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	122	72	0	0	9	0	0	52	77	000	0	2	00	00	96	01	0	167	62	2	4	4	0	0	60	58	—	— 1	0.3	— 0.7	62.1	91
	Narayanganj	000	0	0	00	00	xx	05	4	122	70	0	0	9	0	0	58	81	000	0	2	31	02	96	05	0	161	68	0	0	9	0	1	59	54	+ 2	— 0.7	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	000	0	0	25	03	96	02	0	117	69	0	0	9	0	0	57	79	000	0	2	31	02	96	01	0	159	66	0	0	9	3	0	60	53	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	95	05	0	123	67	0	0	9	0	0	61	75	000	0	2	34	02	95	05	0	151	64	2	5	8	0	0	58	54	—	— 1	0	— 1.1	87.6	71
Khulna	Barisal	000	0	0	00	00	96	02	1	123	68	0	0	9	0	0	65	79	000	0	0	00	00	97	02	1	162	67	0	0	9	0	0	60	58	—	0	0	— 1.7	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	120	70	0	0	9	0	0	62	77	000	0	0	05	03	97	00	0	167	69	0	0	9	0	0	58	57	—	— 2	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	xx	00	0	123	72	0	0	9	0	0	61	76	000	0	0	00	00	96	01	0	169	66	1	1	6	0	0	56	59	—	— 5	0	— 1.6	64.3	65
	Jessore	000	0	0	00	00	97	00	0	118	68	0	0	9	0	0	61	77	000	0	0	05	05	97	01	0	166	63	0	0	9	0	0	56	51	—	—	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	00	00	96	02	0	121	68	0	0	9	0	0	59	77	000	0	0	36	05	96	02	0	166	64	0	0	9	0	0	57	55	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	xx	00	0	111	69	0	0	9	0	0	61	79	000	0	1	00	00	96	02	1	167	70	0	0	9	4	1	56	57	+ 2	—	0.7	0	50.0	64
	Bogra	000	0	3	23	02	xx	02	0	118	71	2	4	5	0	0	61	79	000	0	2	05	02	96	01	1	168	65	2	5	5	0	0	55	55	+ 2	—	0.3	— 0.6	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	109	72	0	0	9	0	0	59	80	000	0	0	00	00	96	00	0	165	69	0	0	9	0	0	59	52	+ 2	—	0	— 0.4	51.7	72
	Rangpur	000	0	1	00	00	xx	01	0	119	70	1	0	9	1	0	60	79	000	0	2	27	02	96	01	1	164	64	2	4	2	0	0	59	57	+ 2	—	0.1	— 0.4	60.2	94
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	142	66	0	0	9	0	0	43	72	000	0	0	00	00	95	00	0	173	40	0	0	9	0	0	35	37	—	— 3	0	— 0.1	51.2	19
	Sialkot	000	0	0	00	00	97	00	0	141	62	0	0	9	0	0	46	68	000	0	0	00	00	97	00	0	174	53	0	0	9	0	0	43	41	—	— 4	0.9	+ 0.9	35.9	32
Rawal-pindi	Jhelum	000	0	0	00	00	98	02	0	140	64	0	0	9	0	0	44	72	000	0	0	00	00	96	02	0	172	40	0	0	9	0	0	32	35	—	—	1.0	—	35.7	18
	Rawalpindi	000	0	0	31	02	99	00	0	145	59	0	0	9	0	0	32	68	000	0	0	00	00	98	02	0	185	35	0	0	9	0	0	34	34	—	— 1	0.7	— 1.3	33.9	36
	Campbellpur	000	0	0	05	02	98	00	0	148	61	0	0	9	0	0	40	68	000	0	0	05	02	98	00	0	xxx	xx	0	0	9	0	0	33	39	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	143	73	0	0	9	0	0	38	75	000	0	0	00	00	94	00	0	195	41	0	0	9	0	0	39	36	+ 1	—	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	148	71	0	0	9	0	0	59	71	000	0	0	00	00	94	05	4	187	41	0	0	9	0	0	36	38	—	— 1	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	00	0	152	65	0	0	9	0	0	48	72	000	0	0	13	03	96	02	0	163	47	0	0	9	0	0	35	41	—	— 3	0.1	+ 0.1	10.2	10
	Multan	000	0	1	00	00	98	01	0	138	68	0	0	9	0	1	44	75	000	0	0	00	00	97	02	0	156	46	0	0	9	0	0	34	44	+ 1	— 1	0	— 0.1	7.5	7
	Leiah	000	0	0	18	02	97	00	0	150	68	0	0	9	0	0	41	76	000	0	0	13	01	97	00	0	164	45	0	0	9	0	0	38	36	—	—	0	—	10.6	8
Bahawal-pur	Khanpur	000	0	1	00	00	96	02	0	133	72	0	0	9	0	1	41	79	000	0	1	00	00	96	03	0	152	46	0	0	9	0	0	32	41	+ 3	— 4	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	138	70	0	0	9	0	0	41	81	000	0	0	00	00	98	00	0	160	53	0	0	9	0	0	29	42	+ 6	— 3	0	0	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	131	72	0	0	9	0	0	42	72	000	0	0	09	02	98	00	0	172	45	0	0	9	0	0	25	40	—	—	0	—	3.1	6
Peshawar	Chakdara	000	0	0	13	02	97	00	0	117	58	0	0	9	0	0	37	59	000	0	0	36	02	97	00	0	177	37	0	0	9	0	0	32	33	—	—	2.3	—	27.6	—
	Peshawar	000	0	1	00	00	97	00	0	137	63	0	0	9	0	1	41	70	000	0	0	23	03	96	04	0	174	38	0	0	9	0	0	28	37	+	— 1	1.4	+ 0.9	19.2	11
	Haripur	000	0	0	31	03	97	00	0	141	62	0	0	9	0	0	41	68	000	0	0	05	02	97	00	0	147	45	0	0	9	0	0	30	38	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	158	65	0	0	9	0	0	45	67	000	0	0	00	00	99	00	0	172	39	0	0	9	0	0	02	xx	0.5	—	1.4	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	150	69	0	0	9	0	0	49	76	000	0	0	00	00	98	00	0	170	41	0	0	9	0	0	36	37	+ 2	— 5	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	00	00	98	00	0	135	79	0	0	9	0	0	37	82	000	0	0	00	00	97	00	0	155	45	0	0	9	0	0	23	42	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	11	03	98	02	0	178	74	0	0	9	0	0	28	75	000	0	0	36	03	96	02	0	205	60	0	0	9	0	0	42	47	—	—	0	—	1.0	2
	Turbat	000	0	0	07	02	98	00	0	134	84	0	0	9	0	0	13	87	000	0	0	07	02	98	00	0	164	65	0	0	9	0	0	21	xx	1.0	—	12.3	—	12.3	3
	Jiwani	000	0	1	18	10	98	00	0	147	80	0	0	9	0	0	49	86	000	0	0	02	02	97	01	0	166	57	0	0	9	0	0	52	55	+	—	0	—	2.8	5
	Panjgur	000	0	0	16	05	98	00	0	147	80	0	0	9	0	0	52	82	000	0	2	34	05	98	03	0	162	67	0	0	9	0	0	37	59	+ 3	+ 4	0	— 0.3	5.4	8
Karachi Division	Ormara	000	0	0	00	00	97	00	0	130	80	0	0	9	0	0	47	83	000	0	0	00	00	96	00	0	149	70	0	0	9	0	0	32	58	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	211	82	0	0	9	0	0	37	84	000	0	0	00	00	98	00	0	161	56	0	0	9	0	0	32	55	—	—	0	—	0	9
	Karachi (Mauora)	000	0	0	25	10	98	02	0	147	90	0	0	9	0	0	71	85	000	0	0	00	05	97	94	10	144	63	0	0	9	0	0	58	60	+ 5	— 1	0	— 0.1	9.8	6
	Karachi (Airport)	000	0	0	23	03	97	02	0	140	75	0	0	9	0	0	56	84	000	0	0	00	00	95	02	0	133	59	0	0	9	0	0	51	55	—	—	0	—	24.6	—
Hyder-abad	Nagarparkar	000	0	0	07	02	97	00	0	115	80	0	0	9	0	0	49	81	000	0	0	00	00	97	00	0	134	63	0	0	9	0	0	43	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	34	01	98	02	0	128	79	0	0	9	0	0	48	83	000	0	0	xx	xx	97	02	0	157	52	0	0	9	0	0	39	44	—	—	0	—	18.1	—
	Hyderabad	000	0	0	30	02	97	02	0	138	78	0	0	9	0	0	45	83	000	0	2	00	00	95	05	0	139	57	0	0	8	0	1	47	52	+ 3	—	0	— 0.1	12.9	9
	Badin	000	0	0	36	02	97	00	0	139	80	0	0	9	0	0	34	85	000	0	0	36	02	97	00	0	147	47	0	0	9	0	0	43	45	+ 3	— 1	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	00	00	98	02	0	132	77	0	0	9	0	0	35	81	000	0	0	00	00	97	01	0	144	48	0	0	9	0	0	35	41	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	03	0	144	75	0	0	9	0	0	43	81	000	0	0	00	00	97	02	0	153	49	0	0	9	0	0	37	45	—	—	0	—	9.3	—
	Sukkur	000	0	0	20	02	97	02	0	127	77	0	0	9	0	0	49	80	000	0	3	13	02	94	05	0	150	56	0	0	9	0	0	41	50	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	203	73	0	0	9	0	0	26	82	000	0	0	00	00	99	00	0	448	57	0	0	9	0	0	24	42	—	—	0	—	1.8	4
	Jacobabad	000	0	1	23	02	97	02	0	139	76	0	0	9	0	0	37	80	000	0	3	00	00	96	03	0	150	50	0	0	9	0	2	34	45	+ 3	— 2	0	— 0.1	8.3	4
Junagadh	Veraval																																							20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							4
	Kuwait																																							5
Kashmir	HILL STATIONS																																							
	Srinagar																																							26
	Gulmarg																																							—
	Sonamarg																																							71
	Dras																																							26
	Leh																																							3
	Skardu																																							1
	Misgar																																							—
	Allabad																																							5
	Gilgit																																							
Rawalpindi	Murree	000	0	0	00	00	98	00	0	497	42	0	0	9	0	0	12	54	000	0	0	05	02	98	00	0	504	41	0	0	9	0	0	07	34	—	— 3	—	— 2	3.2	+ 2.3	72.5	59
Peshawar	Drosh	000	0	0	05	12	96	02	0	517	49	0	0	9	0	0	02	53	000	0	0	09	07	99	02	0	541	39	0	0	9	0	0	13	38	—	— 1	0.5	—	23.9	18
	Chitral	000	0	0	05	05	98	00	0	513	54	0	0	9	0	0	48	61	000	0	0	07	05	98	00	0	524	49	0	0	9	0	0	34	42	—	— 4	0.1	+ 1.1	35.2	29
	Kakul	000	0	0	18	03	97	00	0	495	53	0	0	9	1	0	27	62	000	0	0	05	03	98	00	0	495	43	0	0	9	0	0	16	39	—	—	3.7	—	40.0	—
	Landikotal	000	0	0	00	00	99	00	0	487	55	0	0	9	0	0	35	62	000	0	0	00	00	99	00	0	480	45	0	0	9	0	0	23	35	—	—	1.9	—	15.0	—
	Parachinar	000	0	0	13	01	99	00	0	500	57	0	0	xx	0	0	xx	62	000	0	0	00	00	99	00	0	521	34	0	0	9	0	0	07	34	+ 5	+ 1	0.6	—	29.8	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	496	63	0	0	9	0	0	25	69	000	0	0	00	00	99	00	0	466	36	0	0	9	0	0	04	34	—	—	0.1	0	7.8	12
	Wana	000	0	0	00	00	99	00	0	519	57	0	0	9	0	0	21	65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	507	63	0	0	9	0	0	15	66	000	0	0	16	01	98	02	0	519	47	0	0	9	0	0	16	38	—	+ 6	0.1	— 0.1	11.3	11
	Hindubagh	000	0	0	27	12	97	00	0	496	55	0	0	9	0	0	17	xx	000	0	0	25	10	97	00	0	518	43	0	0	9	0	0	19	30	—	—	0.1	—	5.9	—
	Loralai	000	0	3	13	02	99	00	1	376	60	0	0	9	0	0	12	65	000	0	0	27	03	99	00	0	360	38	0	0	9	0	0	13	31	—	—	0	—	3.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.3	34.7	14
	Quetta	000	0	0	00	00	96	00	0	520	55	0	0	9	0	0	25	56	000	0	0	00	00	96	00	0	533	40	0	0	9	0	0	xx	33	—	—	0.4	— 0.1	6.7	9
	Chaman	000	0	0	00	00	98	00	0	530	53	0	0	9	0	0	21	57	000	0	0	00	00	99	05	0	540	42	0	0	9	0	0	18	34	+ 1	— 3	0.5	— 0.2	6.8	8
	Nushki	000	0	0	00	00	98	00	0	890	63	0	0	9	0	0	40	65	000	0	0	00	00	98	02	0	543	47	0	0	9	0	0	30	41	—	—	0.2	—	3.8	8
	Dalbandin	000	0	0	13	05	98	02	0	552	64	0	0	9	0	0	25	68	000	0	0	00	00	97	02	0	519	37	0	0	9	0	0	15	32	+ 5	— 2	0.2	— 0.1	2.8	4
Kalat	Kalat	000	0	0	24	03	98	00	0	520	51	0	0	9	0	0	25	57	000	0	0	18	03	98	00	0	505	27	0	0	9	0	0	19	23	×	0	—	— 4	0.2	— 0.2	13.1	7
	Panjgur	000	0	0	24	04	98	02	0	530	64	0	0	9	0	0	11	xx	000	0	0	00	00	98	02	0	521	50	0	0	9	0	0	24	40	—	+ 1	0.2	—	5.2	5
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Code.

• These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

•• These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 7th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_hh_hC_MC_H$	D,V, a PP	8 $N_sC_sh_sh_s$	OT,$T_sT_dT_d$	$Id_wd_wP_wH$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
State of Bombay	43 156	627 00	3 04 15	98 0 10	124 79	24 5 00	55 7 03	...	00 0 72	10 5 23
Vellecia	43 210	679 00	0 04 13	99 0 20	145 76	00 9 00	38 6 05		05 3 68	10 4 23
Sajna Nusrat	43 219	628 00	0 03 18	96 0 00	152 71	00 9 00	14 7 04	80 0 00	05 9 74	10 3 23
British Resource	43 266	530 00	0 xx 02	99 0 20	176 75	00 9 00	35 7 12	...	05 1 62	12 x 21
Kieldrecht	43 171	651 06	6 04 16	98 0 21	150 79	00 9 04	60 9 xx	...	05 1 68	10 4 21
Serenia	43 253	576 06	0 30 02	99 0 20	203 75	00 9 00	36 2 22	...	05 2 57	13 0 20
British Resource	43 262	543 06	1 07 05	99 0 20	196 75	00 9 01	25 1 10	...	05 2 62	17 0 21
Vellecia	43 205	690 06	1 03 18	99 0 20	167 77	00 9 09	35 1 14	...	05 2 57	10 3 33
Caltex Delft	43 227	609 42	0 32 10	99 0 20	157 77	00 9 00	35 x xx	...	05 1 59	13 2 21
Kiskrecht	43 167	635 42	5 05 16	98 0 21	113 81	00 8 08	...	...	05 2 68	10 4 21
Serenia	43 226	599 18	0 33 09	99 0 20	175 74	00 9 00	36 2 03	...	05 2 63	13 3 22
Caltex Delft	43 218	621 48	0 35 06	98 0 20	161 34	00 9 00	...	...	05 2 59	23 5 20
Kieldrecht	43 164	620 18	0 05 13	98 0 21	138 77	00 9 00	...	...	05 2 68	10 5 21
Dwarka	43 235	675 18	0 00 06	98 0 00	161 74	00 9 00	75 0 00	...	05 2 51	10 1 22
Bay of Bengal										
Marsand	43 183	867 00	0 05 09	99 0 28	118 73	00 9 00	14 8 57	...	05 4 65	10 5 23
Sherad	43 202	917 06	1 05 05	98 0 10	06 x 78	84 x xx	...	...		
Maptand	43 190	877 06	0 04 09	99 0 20	150 76	00 9 00	14 0 02	...	00 2 57	10 4 21
Marsand	43 200	896 12	0 00 00	97 0 50	122 72	00 9 00	14 6 68	...	05 3 58	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...		00 00	012 132 115	108 162 148	...	145 112 078	...	308 038 995	432 528 992	573 638 995	...	...	...	...	...
Jiwani ...														
Karachi ...		00 00	012 162 105	119 188 142	...	150 165 999	...	311 075 999	436 505 999	579 608 999	747 722 999	952 882	222 985	401 170	643 20
Lahore ...		00 00	990 132 078	...	...	143 090 520	...	306 522 995	427 602 998	564 708 992	727 770 990	...	...	...	...
Multan ...															
Peshawar ...		00 00	972 052 515	...	...	145 152 572	...	310 065 742	434 528 995	576 628 995	442 750 990	956 878	...	...	...
Quetta ...		00 00	834 045 565	...	...	...	...	309 575 995	427 660 990	562 725 995	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE: St.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	974 202 175	900 152 102	...	...	...	...	...	...	...	900 152 102	...	...
Jiwani ...													
Karachi ...	00 00	900 170 xxx	800 130 xxx	350 790 xxx	250 940 xxx	...	...	...	...	...	250 940 xxx	...	...
Lahore ...	00 00	900 125 012	800 048 572	...	...	...	...	...	...	...	800 048 572	...	...
Multan ...													
Peshawar ...	00 00	900 162 522	877 162 582	800 125 652	...	...	...	...	...	...	800 125 652	...	...
Quetta ...	00 00	800 012 538	785 000 900	...	...	...	...	...	...	...	785 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	26 06	27 04	28 04	34 02	03 04	...	...	...	...	34 17	34 08	32 03	11 05	...	...	33 06	32 04	03 03	09 02	33 07	25 15	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	04 05	06 07	28 05	30 05	29 09	...	07 01	15 03	33 04	36 06	29 03	34 12	33 19	34 21	32 20	31 ...
Chhor ...	05 02	04 06	01 06	34 12	33 13	31 15	23 23	30 37	28 36	18 07	18 06	20 04	32 13	33 09	30 21	24 07	26 98	26 05	13 02	35 08	02 15	02 33	02 39	01 42	...	...
Chittagong ...	21 03	19 04	23 11	...	...	...	...	...	...	24 04	23 06	19 10	18 17	21 13	24 18	24 04	16 07	16 13	19 21	20 25	25 21	26 33	25 47	25 58	...	...
Cox's Bazar ...	13 08	17 10	21 15	19 16	...	...	...	...	...	01 04	04 02	23 13	19 15	20 20	22 19	19 05	16 10	17 18	19 22	20 19	25 23	26 32	26 41	...	...	...
Dacca ...	25 05	26 03	31 01	04 02	28 12	25 21	26 35	...	...	36 10	36 04	02 02	26 04	24 17	25 25	02 04	02 05	03 04	28 02	29 04	24 18	26 41	...	...	...	...
Dalbandin ...	...	...	08 05	35 12	35 19	31 15	31 23	32 29	30 47	...	...	07 05	03 11	35 17	32 20	...	...	...	07 06	33 05	34 26	33 24	32 36	31 43	31 42	29 49	29 ...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 15	04 16	02 03	36 27	...	...	...	...	...	...	...	...	...	...	...	04 17	00 22	34 29	...	...	...	...
Fort Sandeman ...	...	...	...	05 02	28 09	30 21	32 23	31 31	31 47	...	...	...	24 07	24 12	32 21	...	...	...	...	33 03	35 12	32 24	...	...	...	...
Jacobabad ...	25 06	26 05	27 03	29 12	32 21	31 21	30 23	31 25	21 43	26 05	23 05	30 05	33 10	31 13	32 29	24 03	08 02	34 05	34 08	33 13	30 21	30 23	31 41	29 51	...	...
Jessore ...	34 03	34 03	35 03	32 04	29 10	26 19	...	...	...	02 07	03 04	03 04	03 04	25 06	26 18	36 03	04 04	04 04	20 03	23 11	26 27	27 39	24 48	26 44	...	...
Jhelum ...	28 06	29 06	28 07	31 07	33 10	34 16	34 10	34 12	33 20	03 02	31 05	31 09	31 11	31 11	33 10	13 01	28 02	28 01	33 06	32 05	33 07	33 66	31 17	31 25	31 46	...
Jhersel ...	20 03	27 03	01 02	02 07	03 12	36 12	32 15	30 16	28 21	01 18	03 21	04 17	03 17	03 14	36 18	02 20	03 21	04 14	05 12	01 12	34 09	29 16	29 14	30 11	27 27	27 ...
Karachi ...	23 05	26 04	01 06	32 05	32 11	31 15	31 17	33 19	30 33	...	...	...	...	...	...	27 20	31 10	36 11	32 08	28 12	32 15	32 21	31 21	31 21	...	...
Khanpur ...	24 09	25 10	26 12	28 17	28 10	30 22	31 35	31 27	...	26 76	26 16	24 20	23 23	...	...	30 04	28 07	28 09	28 17	29 17	31 25	31 33	...	...	...	...
Lahore ...	30 05	30 08	30 07	33 08	32 09	32 10	31 19	31 22	30 35	01 02	33 04	32 05	31 11	31 13	30 19	33 02	33 02	xx xx	29 08	29 15	29 15	31 16	31 23	32 33	...	...
Multan ...	16 05	20 08	21 12	24 08	24 06	10 17	31 24	31 27	...	15 06	17 09	17 11	21 06	28 08	...	12 06	15 09	15 09	12 06	21 03	31 10	33 41	31 42	30 49	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panigur ...	...	...	...	01 18	01 22	33 18	29 15	32 28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	17 02	20 02	27 10	29 23	29 25	33 13	34 10	32 25	...	07 02	17 02	36 22	35 24	31 16	...	01 04	28 04	26 09	30 21	33 07	32 10	32 19	32 12	...	...
Quetta ...	...	...	...	03 08	31 17	28 25	27 40	24 88		No		Ascent	30 04	32 06	02 03	...				31 06	32 21	29 32	29 47	29 57	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	14 03	12 02	24 05	29 03	25 05	...	...	...	...	08 10	07 03	11 01	19 13	21 12	24 23	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dalbin ...																		
Karachi ...	28 13	29 15	31 15	31 13	31 10	31 15	32 24	33 31	30 29	29 49	30 74	29 88	28 87	27 99	79 13	...	...	...
Peshawar ...	...	07 05	28 11	29 09	29 15	34 20	34 21	35 21	33 19	36 26	34 26	31 67	31 97	...	...	...	...	...
Quetta ...																		

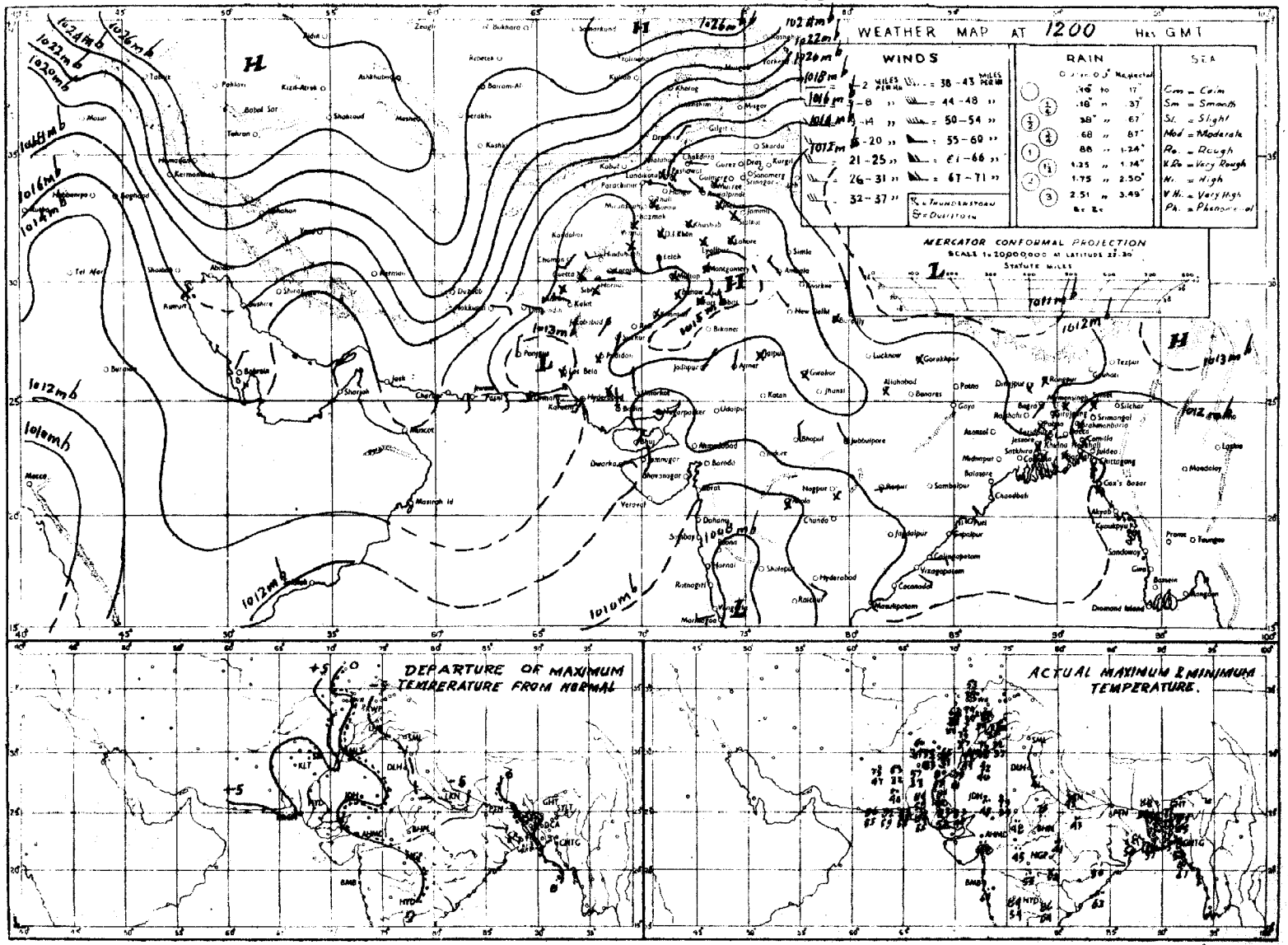
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "f" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

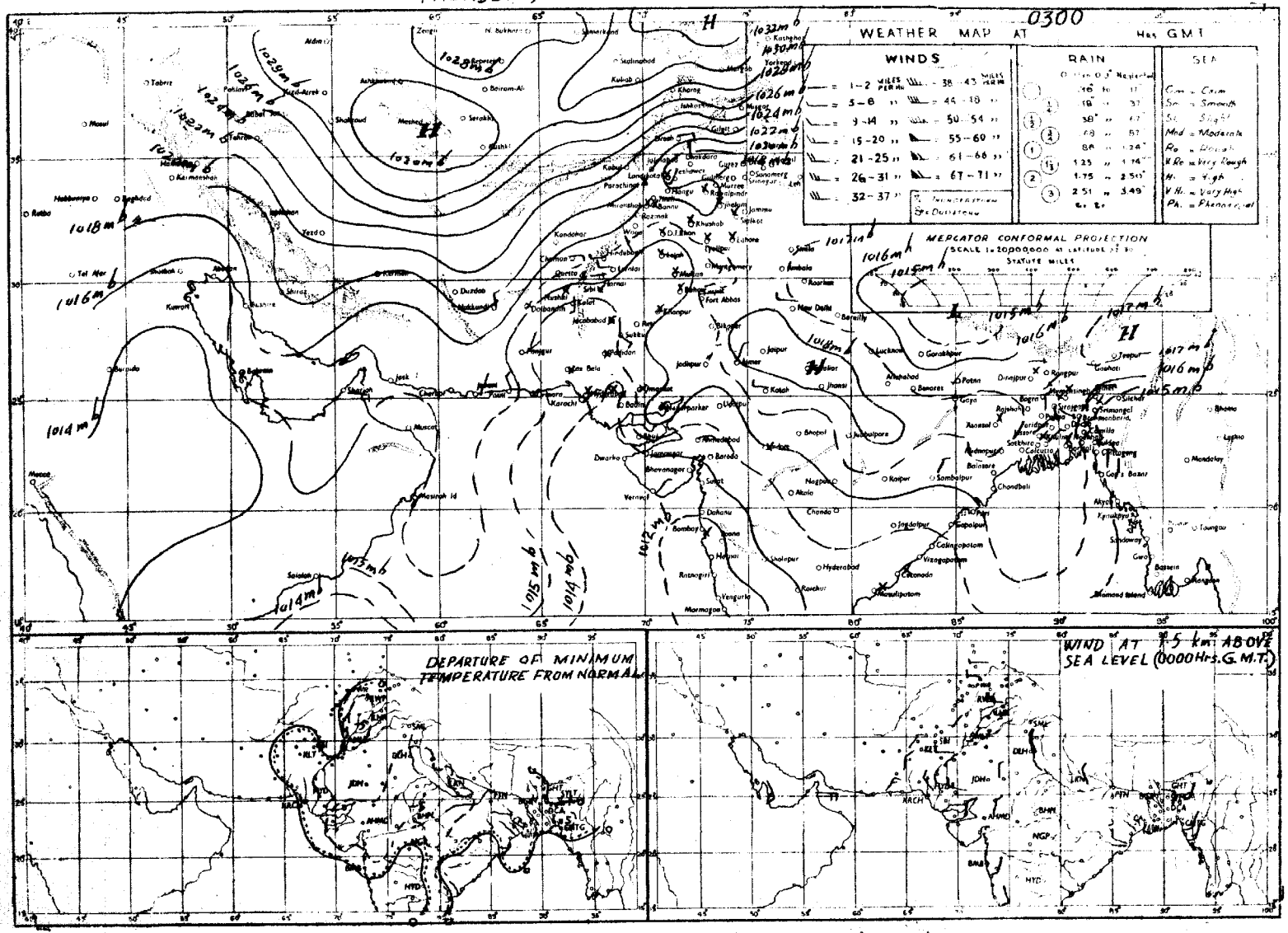
WEDNESDAY 6th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to last 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY, 7th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

FRIDAY THE 8th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A feeble western disturbance lies over central Iran with its associated trough extending to Persian Gulf. A westerly low pressure wave is moving across northern parts of East Pakistan.

Weather remained dry over the country.

Night temperatures were 3-6°F below normal in Peshawar, D. I. Khan Sargodha, and Rawalpindi divisions and in central districts of Dacca division.

Forecast valid until the evening of 9th December, 1961:—Thunderstorm/showers will be scattered in Chittagong division, weather will otherwise remain dry in the country.

Karachi-11
The 8th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	03	1	138	73	9	x	0	x	x	69	80
	Cox's Bazar	000	0	0	36	02	xx	02	0	128	71	0	0	9	0	0	62	80
	Chittagong	030	0	0	00	03	xx	00	0	128	70	0	0	9	0	0	60	79
	Maijdee Court	000	9	0	18	05	xx	10	0	126	72	0	0	9	0	0	60	79
	Comilla	000	0	0	00	00	97	02	0	102	69	0	0	9	0	0	59	83
	Brahmanbaria	000	0	0	00	00	xx	00	0	129	70	0	0	9	0	0	56	80
	Sylhet	000	0	2	00	00	xx	02	0	123	67	1	2	6	2	0	57	80
	Srimangal	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	59	81
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	132	71	0	0	9	0	0	61	78
	Narayanganj	000	9	0	00	00	xx	00	0	160	71	0	0	9	0	0	57	80
	Dacca (Tejgaon)	000	0	3	00	00	96	02	0	123	69	3	5	6	0	0	57	79
	Faridpur	000	0	2	00	00	95	05	0	125	67	2	4	8	0	0	60	75
Khulna	Barisal	000	0	0	00	00	96	02	1	125	75	0	0	9	0	0	62	79
	Khulna	000	0	0	00	00	xx	00	0	133	70	0	0	9	0	0	61	76
	Satkhira	000	0	0	00	00	95	00	0	131	72	0	0	9	0	0	59	73
	Jessore	000	0	0	00	00	97	00	0	130	70	0	0	9	0	0	60	78
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	135	67	0	0	9	0	0	59	77
	Sirajganj	000	0	0	00	00	xx	00	0	133	67	0	0	9	0	0	67	84
	Bogra	000	0	0	00	00	xx	02	0	130	67	0	0	9	0	0	59	78
	Dinajpur	000	0	0	00	00	xx	00	0	133	68	0	0	9	0	0	61	90
	Rangpur	000	0	0	00	00	xx	01	0	144	67	0	0	9	0	0	59	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	146	62	0	0	9	0	0	46	73
	Sialkot	000	0	0	00	00	97	00	0	148	62	0	0	9	0	0	46	69
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	143	60	0	0	9	0	0	45	70
	Rawalpindi	000	0	0	00	00	98	00	0	151	57	0	0	9	0	0	41	70
	Campbellpur	000	0	0	05	00	98	00	0	143	58	0	0	9	0	0	41	68
Sargodha	Khushab	000	0	0	00	00	99	00	0	145	68	0	0	9	0	0	63	70
	Lyallpur	000	0	0	00	00	96	00	0	128	67	0	0	9	0	0	48	67
Multan	Montgomery	000	0	0	00	00	96	00	0	139	67	0	0	9	0	0	45	76
	Multan	000	0	0	00	00	98	02	0	131	67	0	0	9	0	0	43	71
	Leiah	000	0	0	09	07	97	00	0	135	63	0	0	9	0	0	30	72
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	126	68	0	0	9	0	0	44	73
	Bahawalpur	000	0	0	36	01	98	00	0	193	75	0	0	9	0	0	53	81
	Fort Abbas	000	0	0	00	00	98	00	0	129	75	0	0	9	0	0	33	75
Peshawar	Chakdara	000	0	0	36	01	97	00	0	110	58	0	0	9	0	0	xx	61
	Peshawar	000	0	0	05	02	96	04	0	151	57	0	0	9	0	0	40	64
	Haripur	000	0	0	19	02	97	00	0	143	61	0	0	9	0	0	39	68
D. I. Khan	Bannu	000	0	0	00	00	98	00	0	141	61	0	0	9	0	0	41	62
	D. I. Khan	000	0	0	00	00	98	00	0	138	65	0	0	9	0	0	51	73
Quetta	Sibi	000	0	0	18	03	98	00	0	113	77	0	0	9	0	0	22	81
Kalat	Nokkundi	000	0	0	34	05	98	02	0	155	69	0	0	9	0	0	25	71
	Turbat	000	0	0	07	05	98	00	0	134	83	0	0	9	0	0	16	86
	Jiwani	000	0	0	05	05	98	02	0	125	83	0	0	9	0	0	27	85
	Pasni	000	2	0	07	03	97	05	4	112	84	0	0	9	0	0	55	87
Karachi Division	Ormara	000	0	0	27	02	96	00	0	118	86	0	0	9	0	0	39	88
	Lasbela	000	0	0	00	xx	98	00	0	109	xx	0	0	9	0	0	60	85
	Karachi (Manora)	000	0	0	25	12	98	02	0	104	79	0	0	9	0	0	67	85
	Karachi (Airport)	000	0	0	20	03	97	02	0	107	78	0	0	9	0	0	58	85
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	105	81	0	0	9	0	0	55	83
	Umerkot	000	0	0	34	01	98	02	0	106	79	0	0	9	0	0	48	84
	Hyderabad	000	0	0	36	02	97	02	0	109	79	0	0	9	0	0	46	87
	Badin	000	0	0	36	02	97	00	0	109	85	0	0	9	0	0	44	89
Khairpur	Padidan	000	0	0	05	02	98	02	0	115	78	0	0	9	0	0	45	83
	Nawabshah	000	0	0	00	00	97	02	0	115	79	0	0	9	0	0	44	81
	Sukkur	000	0	0	36	02	97	02	0	115	77	0	0	9	0	0	42	85
	Kashmore	000	0	0	00	00	99	00	0	200	71	0	0	9	0	0	21	80
	Jacobabad	000	0	0	13	02	97	02	0	115	77	0	0	9	0	0	61	81
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	07	02	98	00	0	488	41	0	0	9	0	0	15	50
Peshawar	Drosh *	000	0	0	19	10	96	02	0	498	49	0	0	9	0	0	06	55
	Cherat *	000	0	0	20	03	98	00	0	512	52	0	0	9	0	0	46	63
	Kakul *	000	0	0	13	03	98	00	0	495	51	0	0	9	0	0	29	60
	Landikotal *	000	0	0	13	02	99	00	0	478	56	0	0	9	0	0	34	63
	Parachinar *	000	0	0	13	01	99	00	0	503	51	0	0	9	0	0	19	60
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	488	63	0	0	9	0	0	20	67
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	00	00	99	00	0	490	61	0	0	9	0	0	30	65
	Hindubagh *	000	0	0	25	14	97	00	0	495	52	0	0	9	0	0	23	58
	Loralai *	000	0	0	11	03	99	00	0	387	60	0	0	9	0	0	12	69
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	519	55	0	0	9	0	0	21	56
	Chaman *	000	0	5	23	05	98	02	1	549	55	5	0	9	2	0	21	59
	Nushki *	000	0	0	00	00	98	02	0	521	65	0	0	9	0	0	46	45
	Dalbandin *	000	3	3	07	03	98	03	0	529	68	2	0	9	3	0	27	71
Kalat	Kalat *	000	0	0	34	03	98	00	0	492	50	0	0	9	0	0	23	54
	Panjgur *	000	0	0	36	05	98	02	0	510	65	0	0	9	0	0	29	67
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall‡

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	3	3	18	02	96	01	4	184	72	3	2	6	0	0	65	63	—	—	0.1	—	155.5	—
	Cox's Bazar	003	0	3	36	05	97	01	1	167	72	2	5	5	4	0	61	63	— 1	+ 3	0.9	— 2.6	156.7	140
	Chittagong	000	0	0	00	00	96	00	0	174	71	0	0	9	0	0	43	58	0	— 1	0.1	— 2.3	170.7	100
	Maijdee Court	000	9	0	00	03	98	00	4	180	68	0	0	9	0	0	57	56	0	— 4	0	— 1.7	124.5	115
	Comilla	000	0	1	00	00	97	02	0	166	70	0	0	9	0	0	58	54	+ 3	— 2	0	— 1.5	76.9	94
	Brahmanbaria	000	0	0	00	00	97	00	1	178	69	0	0	9	0	0	58	58	—	—	0	—	65.4	79
	Sylhet	000	0	1	09	05	96	03	0	174	67	0	0	8	2	0	60	54	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	03	96	00	0	xxx	71	0	0	9	0	0	59	51	— 1	+ 1	1.0	— 0.5	52.1	98
Dacca	Mymensingh	000	0	0	27	02	97	00	0	182	64	0	0	9	0	0	59	56	0	— 1	0.3	— 0.7	62.1	91
	Narayanganj	000	1	0	30	12	96	05	4	174	73	0	0	9	0	0	54	55	+ 1	— 4	0.4	— 0.7	73.0	74
	Dacca (Tejgaon)	000	0	0	31	02	96	02	0	174	66	0	0	9	0	0	56	55	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	95	05	0	171	67	0	0	9	0	0	55	51	— 2	— 6	0	— 1.1	87.6	71
Khulna	Barisal	000	0	5	05	02	96	02	2	111	69	3	7	6	4	0	53	59	0	+ 2	0	— 1.7	65.4	81
	Khulna	000	0	0	00	00	97	00	0	183	67	0	0	9	0	0	57	57	— 3	+ 1	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	191	66	0	0	9	0	0	52	52	— 8	— 2	0	— 1.8	54.3	68
	Jessore	000	0	0	05	03	97	00	0	180	63	0	0	9	0	0	54	50	—	—	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	31	05	95	10	0	193	64	0	0	9	0	0	54	53	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	96	00	0	182	70	0	0	9	0	0	58	55	+ 7	— 1	0.7	— 0.1	50.0	64
	Bogra	000	0	0	31	02	96	02	0	179	64	0	0	9	0	0	58	54	—	— 1	0.3	— 0.6	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	179	65	0	0	9	0	0	54	50	+ 2	— 3	0	— 0.4	51.7	72
	Rangpur	000	0	0	31	02	96	01	0	170	61	0	0	9	0	0	57	54	+ 1	+ 1	0.1	— 0.4	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	10	0	199	43	0	0	9	0	0	36	41	— 3	0	0	— 0.1	51.2	19
	Sialkot	000	0	0	00	00	97	00	0	200	53	0	0	9	0	0	52	44	— 4	+ 1	0.9	+ 0.7	35.9	33
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	203	40	0	0	9	0	0	35	36	—	—	1.0	—	35.7	
	Rawalpindi	000	0	0	36	02	97	10	0	218	36	0	0	9	0	0	35	35	+ 1	— 3	1.7	+ 1.3	53.9	34
	Campbellpur	000	0	0	05	02	98	00	0	230	40	0	0	9	0	0	35	33	—		0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	96	00	0	210	45	0	0	9	0	0	35	35	— 4	— 8	0	— 0.1	11.2	15
	Lyallpur	000	0	0	00	00	99	00	0	132	45	0	0	9	0	0	35	40	— 5	— 2	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	1	09	03	96	02	0	186	50	0	0	9	0	1	33	45	+ 1	0	0.1	+ 0.1	10.2	10
	Multan	000	0	3	09	03	98	03	0	177	45	0	0	9	0	1	38	42	— 3	— 2	0	— 0.1	7.5	7
	Leiah	000	0	0	09	02	97	00	0	182	44	0	0	9	0	0	34	35	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	173	46	1	0	9	4	0	36	38	— 3	— 7	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	163	52	0	0	9	0	0	37	39	+ 6	— 6	0	0	4.9	6
	Fort Abbas	000	0	0	13	02	98	00	0	173	47	0	0	9	0	0	23	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	13	01	97	00	0	229	37	0	0	9	0	0	30	33	—	—	2.3	—	27.6	—
	Peshawar	000	0	0	13	02	94	04	0	212	40	0	0	9	0	0	32	38	— 5	— 4	1.4	+ 0.9	19.2	11
	Haripur	000	0	0	31	01	98	00	0	200	43	0	0	9	0	0	33	38	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	208	39	0	0	9	0	0	31	38	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	197	43	0	0	9	0	0	39	39	— 1	— 3	0	— 0.2	7.7	9
Quetta	Sibi	000	3	6	00	00	97	03	2	169	48	0	0	7	4	0	33	46	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	34	03	98	02	0	213	49	0	0	9	0	0	18	44	—	—	0	—	1.0	2
	Turbat	000	0	0	00	00	98	00	0	164	63	0	0	9	0	0	21	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	1	02	03	97	02	0	153	67	4	0	9	3	0	33	56	—	—	0	—	3.8	5
	Pasni	000	0	0	27	03	97	00	0	144	62	0	0	9	0	0	37	61	+ 8	+ 6	0	— 0.3	5.4	4
Karachi Division	Ormara	000	0	0	13	02	96	00	0	135	70	0	0	9	0	0	42	62	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	160	56	0	0	9	0	0	37	53	—	—	0	—	0	8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					8
	Karachi (Airport)	000	0	0	00	00	96	02	0	149	54	0	0	9	0	0	43	52	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	007	0	0	00	00	97	00	0	162	63	0	0	9	0	0	43	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	00	00	97	02	0	168	52	0	0	9	0	0	36	45	—	—	0	—	10.1	—
	Hyderabad	000	0	0	00	00	97	02	0	153	57	0	0	9	0	0	45	55	+ 7	+ 2	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	156	54	0	0	9	0	0	50	52	+ 7	— 1	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	02	96	02	0	160	50	0	0	9	0	0	34	47	—	—	0	—	11.1	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Sukkur	000	0	0	16	05	96	02	0	163	56	0	0	9	0	0	41	52	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	181	56	0	0	9	0	0	35	41	—	—	0	—	1.8	—
	Jacobabad	000	0	1	36	02	97	03	0	175	48	1	3	9	3	0	31	45	+ 4	— 2	0	— 0.1	8.3	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	13	02	98	00	0	526	37	0	0	9	0	0	19	30	— 7	— 6	3.2	+ 2.2	72.5	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	543	35	0	0	9	0	0	18	34	+ 1	— 3	0.9	—	23.9	18
	Cherat *	000	0	0	34	05	98	00	0	492	49	0	0	9	0	0	45	40	+ 6	— 3	1.7	+ 1.1	35.2	29
	Kakul *	000	0	0	05	03	97	00	0	519	41	0	0	9	0	0	21	39	—	—	3.7	—	40.0	—
	Landikotal *	000	0	0	00	00	99	00	0	491	31	0	0	9	0	0	25	30	—	—	1.9	—	15.0	—
	Parachinar *	000	0	0	00	00	99	00	0	515	34	0	0	9	0	0	30	33	+ 3	0	0.6	—	28.8	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	491	33	0	0	9	0	0	17	33	—	—	0.1	0	7.8	13
	Wana *	000	0	0	00	00	99	09	0	513	31	0	0	9	0	0	18	27		—	0.5	—	11.9	11
Quetta	Fort Sandeman *	000	0	1	00	00	98	01	0	522	37	1	0	9	3	0	14	35	+ 5	+ 1	0.1	— 0.1	11.3	11
	Hindubagh *	000	0	0	27	07	97	00	0	509	44	0	0	9	0	0	16	28	—	—	0.1	—	5.9	—
	Loralai *	000	0	6	23	03	99	01	2	387	43	0	0	9	1	2	24	34	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.4	14.7	14
	Quetta *	000	0	1	00	00	96	03	0	531	40	0	0	9	0	1	21	26	—	—	0.4	— 0.1	6.7	9
	Chaman *	000	0	0	09	05	98	00	0	523	42	0	0	9	0	0	18	36	0	— 1	0.6	— 0.3	6.8	8
	Nushki *	000	0	0	00	00	98	03	0	480	47	0	0	9	0	0	34	42	—	—	0	—	3.8	—
	Dalbandin *	000	9	1	09	02	97	03	0	509	39	1	0	9	3	0	35	39	+ 8	+ 5	0.2	0	2.8	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	512	26	0	0	9	0	0	23	18	— 3	— 9	0.2	— 0.2	13.1	7
	Panjgur *	000	0	0	05	02	97	02	0	503	41	0	0	9	0	0	21	40	+ 1	+ 1	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 1200 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever [illegible] is given or [illegible] see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 8th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_iL_o$	$L_oL_aL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_s a PP	8 $N_sCh.h.$	OT$_a$T$_i$T$_o$T$_d$	Id$_a$d$_i$P$_o$H$_v$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Resource	53 253	575 00	0 00 00	99 0 20	161 73	00 9 00	35 4 00	...	05 3 63	10 0 00
Jalabran	53 178	675 06	3 05 07	98 0 33	139 81	33 4 1x	...	...	...	...
Caltex Delfe	53 201	642 06	1 04 07	98 0 30	162 76	00 0 08	...	...	05 1 62	10 4 21
Ocean e-mo	52 182	705 06	1 05 05	92 0 10	108 83	33 x xxx	...	...	...	...
Indian Merchant	53 162	621 06	4 04 09	99 0 31	149 79	41 5 39	65 4 00	...	00 0 68	10 4 11
Tabriz	53 245	668 06	0 27 02	98 0 20	085 50	00 0 00	44 8 10	...	...	...
Ghrugvia	53 112	585 06	6 07 13	98 0 31	128 80	51 4 90	...	...	...	...
British Resource	53 243	585 06	0 99 02	99 0 20	182 77	00 9 00	55 2 05	...	00 1 64	...
Caltex Delfc	53 191	652 42	3 05 10	98 0 20	113 79	00 9 00	35 x xx	...	00 2 60	10 5 41
Tabrek	53 235	673 12	0 00 00	98 0 20	030 76	00 0 00	34 5 70	...	...	...
British Resource	53 233	593 12	0 34 05	99 0 20	148 76	00 9 00	35 6 08	...	05 2 68	13 4 21
Caltex Delfc	53 182	664 48	1 05 08	98 0 20	132 77	9x x xxx	...	...	05 2 67	10 5 11
Ocean	53 176	714 18	1 02 09	98 0 00	084 80	33 x xx	...	...	...	...
Dwarka	53 246	650 18	0 22 07	98 0 00	138 77	00 9 00	64 0 00	...	00 4 63	12 3 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 $_{mb}$	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$ HHHTTT	150$_{mb}$	100$_{mb}$
						HHHTTTT$_d$T$_d$T$_d$								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 145 115	...	...	147 075 025	...	338 038 995	431 522 998	573 632 995	739 748 992	943 882	213 058	391 172	...
Jiwani ...														
Karachi ...	00 00	010 135 068	911 132 059	...	143 102 565	...	307 045 602	430 535 655	572 605 998	741 712 995	946 878	216 045	...	...
Lahore ...	00 00	992 130 070	...	...	150 085 548	...	309 000 993	431 580 990	571 635 995	738 740 990	...	...	...	...
Multan ...														
Peshawar ...	00 00	975 045 012	...	...	150 098 505	...	309 042 592	476 520 660	576 588 995	745 680 993	956 798	235 968	...	...
Quetta ...	00 00	800 552 598	...	...	...	...	309 515 995	428 615 995	562 690 990	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 125 042	800 032 502	791 028 502	785 055 545	...	...	...	...	...	785 055 545	...	...
Jiwani ...													
Karachi ...	00 00	900 122 052	800 085 578	...	...	...	...	...	...	...	800 085 578	...	...
Lahore ...	00 00	900 098 522	800 058 582	...	...	...	...	...	...	...	800 058 582	...	...
Multan ...													
Peshawar ...	00 00	943 098 032	900 105 025	800 082 532	...	...	...	...	...	...	800 082 532	...	...
Quetta ...	00 00	815 025 628	800 015 605	775 002 628	...	...	...	...	...	...	775 002 628	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	29 03	30 02	35 01	04 05						35 09	36 08	01 04	05 04	23 01		29 08	31 05	03 03	06 09	28 04	28 15	30 32	29 43	28 64		
Chaklala ...	...	26 03	28 03	01 03	09 03	36 03	27 12	25 25	29 32	...	02 01	20 03	26 02	31 03	29 11	...	07 01	13 03	17 09	17 05	28 03	21 12	27 12	29 22	30 49	...
Chhor ...	21 03	16 03	15 03	09 03	29 15	30 21	29 33	28 31	29 42	29 06	34 03	24 03	22 06	33 08	29 16	01 03	05 02	05 02	31 01	06 04	31 13	28 20	27 23	27 39	...	...
Chittagong ...	24 07	17 09	16 19	19 23	20 29	21 18	...	...	...	34 05	33 05	28 03	23 09	31 27	24 24	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	21 04	17 12	17 18	20 24						36 10	36 09	33 07	24 07			34 01	27 01	21 05	21 07	23 15	26 23	27 27	27 30	28 37	...	...
Dacca ...	01 01	09 04	07 05	07 03	07 04	22 10	25 23			35 11	36 05	01 05	02 04	30 04	26 21	38 09	25 05	35 03	35 03	30 08	27 14	27 44	27 43	28 45	28 55	...
Dalbandin ...			11 09	18 02	31 04	31 09	33 26	32 35	31 36	...	...	08 09	35 06	34 13	31 11	...	...	07 09	10 08	29 08	33 19	31 35	30 29	28 27	28 24	09 46
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 07	03 09	01 21	34 29	36 30	...	...	...	22 01	24 03	27 01	...	...	...	...	04 06	02 10	32 04	29 05	28 06	...	...
Fort Sandeman ...	...	...	...	33 03	30 08	30 12	30 26	30 24	30 34	...	...	...	22 03	32 03	32 09	...	...	...	24 04	12 02	35 09	30 34	31 40	30 49	29 74	...
Jacobabad ...	14 03	36 03	34 04	32 08	30 10	34 17	29 26	30 34	29 42	09 10	29 04	25 03	26 06	27 08	31 25	05 03	08 04	07 04	22 02	26 06	31 18	27 31	29 26	28 29	28 41	...
Jiwani ...	01 01	05 03	04 03	06 03						02 11	02 10	36 06	31 06	24 09	26 29	02 05	35 07	33 07	31 07	24 09	29 18	25 43	23 44	24 48	...	...
Jhelum ...	22 02	27 03	30 05	33 05	32 06	32 09	31 10	28 19	28 29	02 04	10 03	09 05	06 08	32 05	30 15	00 00	12 03	12 07	32 05	31 08	32 06	27 17	28 32	28 41	28 57	...
Jhansi ...	02 08	03 05	01 12	35 15	34 18	33 08	31 27	29 33	28 17	32 05	06 02	32 02	33 08	35 08	30 06	07 06	04 08	02 07	33 07	32 14	30 19	31 22	30 27	28 37	26 51	...
Karachi ...	20 14	05 16	04 19	36 28	32 14	33 22	29 23	29 18	29 28							08 06	10 04	09 04	01 04	01 08	32 15	27 24	30 30	29 31	28 43	...
Khanpur ...	36 08	36 08	36 07	36 14	01 17	05 07	29 26	30 27	31 29	02 15	35 06	30 03	28 08	32 13	30 15	01 07	32 07	30 06	28 10	29 18	30 21					
Lahore ...	27 03	27 02	31 03	30 04	29 06	33 06	32 10	30 15	33 17	09 09	11 06	12 06	07 01	28 04	01 06	12 03	14 03	24 02	30 04	34 05	28 03	28 13	28 43	28 38	27 51	...
Multan ...	06 07	09 09	10 10	10 65	13 03	31 07	31 29	30 33	33 34	13 11	12 07	10 15	16 02	29 07	28 15	04 08	08 07	09 09	09 07	10 07	18 05	23 11	29 33	29 41	28 44	...
Mussa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	36 10	35 21	32 15	30 19	28 21	26 35		...	...	...	35 19	35 14	28 13	...	...	...	01 15	34 08	31 12	30 24	29 26	28 28	28 39	28 57
Peshawar ...	...	02 03	03 03	11 06	17 05	28 21	31 23	34 27	36 29	...	31 02	03 03	01 05	33 11	31 13	...	04 01	04 03	06 08	32 07	30 16	26 11	30 18	30 28	...	...
Quetta ...	...	...	...	...	28 06	32 13	31 29	30 31	31 44	...	...	...	...	29 05	32 12	...	...	...	...	33 03	31 15	29 36	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	20 04	20 03	16 04	16 07	20 10	21 19	...	...	...	15 06	20 03	20 03	16 10	20 10	...	11 04	07 03	10 04	14 08	20 08	24 12	26 35	...	...	...	...
Varvan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 06	35 12	35 17	34 13	24 17	25 21	27 43	27 43	28 56	27 71	27 65	26 58	27 64	27 82				
Karachi ...	04 07	19 04	27 04	34 05	33 10	29 17	27 21	28 25	27 35	27 51	28 69	28 98	27 30	...	...	...	...	...
Peshawar ...	...	32 08	34 07	32 05	31 06	31 08	30 08	30 10	31 41	29 44	30 13	29 25	28 41	27 58	...	...	...	...
Quetta ...																		

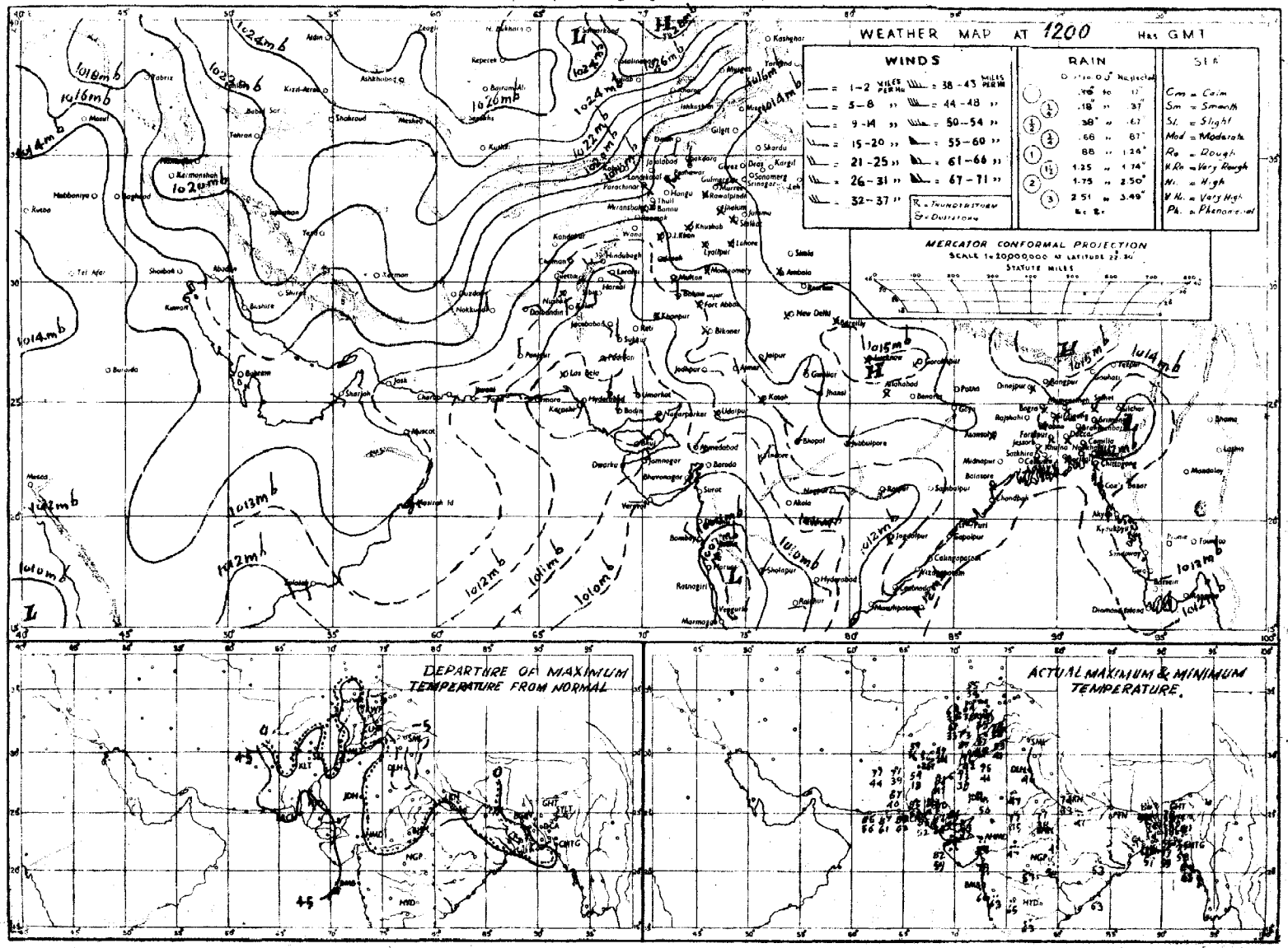
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

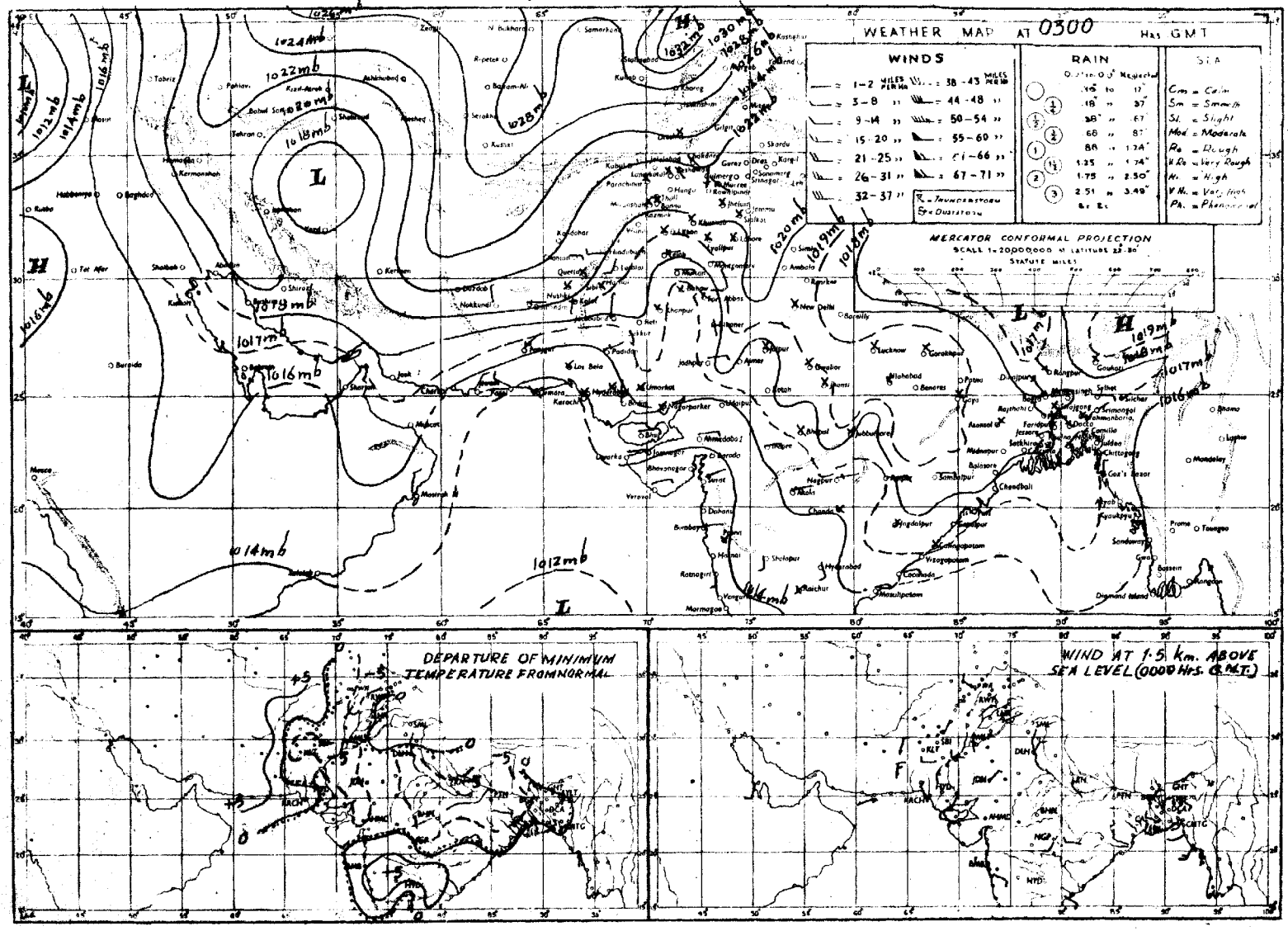
THURSDAY, 7th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 8th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 9th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's feeble western disturbance now lies over northeast Iran.
A low pressure area has developed over Quetta division and adjoining Afghanistan.
The westerly low pressure wave over northern parts of East Pakistan moved away eastwards.
Weather continued to be dry over the country.
Night temperatures were 4-5°F below normal in Peshawar, Rawalpindi and Sargodha divisions.
Forecast valid until the evening of 10th December, 1961:—Scattered light rain is likely to occur in Quetta, D. I. Khan and Peshawar divisions.

Karachi-11
The 9th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	03	1	157	73	9	x	0	x	x	63	81
	Cox's Bazar	000	0	0	36	05	xx	02	0	142	71	0	0	9	0	0	61	78
	Chittagong	030	0	0	00	00	xx	00	0	150	69	0	0	9	0	0	58	80
	Maijdee Court	030	9	0	00	00	xx	10	0	150	68	0	0	9	0	0	55	78
	Comilla	000	0	0	00	00	xx	02	0	142	68	0	0	9	0	0	56	79
	Brahmanbaria	000	0	0	00	00	xx	00	1	157	68	0	0	9	0	0	59	78
	Sylhet	000	0	0	00	00	xx	01	1	xxx	xx	0	0	9	0	0	55	80
	Srimangal	000	0	0	00	00	xx	00	0	xxx	62	0	0	9	0	0	57	80
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	155	71	0	0	9	0	0	59	78
	Narayanganj	000	9	0	00	00	xx	05	4	147	72	0	0	9	0	0	62	82
	Dacca (Tezgaon)	000	0	0	31	02	97	01	0	151	67	0	0	9	0	0	55	77
	Faridpur	000	0	0	00	00	95	05	0	154	66	0	0	9	0	0	55	75
Khulna	Barisal	030	0	0	00	00	96	02	1	152	72	0	0	9	0	0	69	77
	Khulna	000	0	0	00	00	xx	00	0	154	70	0	0	9	0	0	57	79
	Satkhira	000	0	0	00	00	97	00	0	162	68	0	0	9	0	0	53	68
	Jessore	000	0	0	36	02	97	00	0	134	69	0	0	9	0	0	59	78
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	155	66	0	0	9	0	0	56	77
	Sirajganj	000	0	0	00	00	xx	00	0	140	66	0	0	9	0	0	59	79
	Bogra	000	0	0	00	00	xx	02	0	152	68	0	0	9	0	0	59	xx
	Dinajpur	000	0	0	00	00	xx	00	0	151	70	0	0	9	0	0	58	79
	Rangpur	000	0	1	00	00	xx	01	0	154	67	1	0	9	1	0	60	76
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	176	60	0	0	9	0	0	45	72
	Sialkot	000	0	0	00	00	97	00	0	165	63	0	0	9	0	0	45	69
Rawalpindi	Jhelum	000	0	1	23	02	97	02	0	178	59	1	1	7	0	0	45	69
	Rawalpindi	000	0	0	27	02	98	00	0	186	56	0	0	9	0	0	42	65
	Campbellpur	000	0	0	00	00	98	00	0	175	60	0	0	9	0	0	38	66
Sargodha	Khushab	000	0	0	00	00	99	00	0	175	68	0	0	9	0	0	62	70
	Lyallpur	000	0	0	07	02	96	00	0	169	68	0	0	9	0	0	39	69
Multan	Montgomery	000	0	0	00	00	96	00	0	174	68	0	0	9	0	0	51	73
	Multan	000	0	1	09	02	98	01	0	155	68	0	0	9	0	1	41	70
	Leiah	000	0	0	36	05	97	00	0	190	63	0	0	9	0	0	30	72
Bahawalpur	Khanpur	000	0	1	02	09	96	02	0	155	66	8	0	9	0	1	28	71
	Bahawalpur	000	0	0	27	02	98	00	0	187	64	0	0	9	0	0	52	70
	Fort Abbas	000	0	0	00	00	98	00	0	165	72	0	0	9	0	0	06	79
Peshawar	Chakdara	000	0	0	27	01	97	00	0	195	56	0	0	9	0	0	38	60
	Peshawar	000	0	0	00	00	96	05	0	190	58	0	0	9	0	0	42	61
	Haripur	000	0	0	05	03	97	00	0	176	61	0	0	9	0	0	39	67
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	174	63	0	0	9	0	0	45	64
	D. I. Khan	000	0	0	00	00	98	00	0	132	67	0	0	9	0	0	49	69
Quetta	Sibi	000	9	4	18	03	98	01	1	146	74	0	0	7	3	0	32	79
Kalat	Nokkundi	000	0	0	11	03	98	02	0	124	72	0	0	9	0	0	35	74
	Turbat	000	0	0	13	01	98	00	0	117	85	0	0	9	0	0	xx	88
	Jiwani	000	0	0	18	07	98	01	0	125	78	0	0	9	0	0	50	85
	Pasni	000	0	0	16	05	98	00	0	122	80	0	0	9	0	0	59	81
Karachi Division	Ormara	000	0	0	18	05	96	00	0	120	80	0	0	9	0	0	56	84
	Lasbela	000	0	0	xx	xx	98	00	0	169	85	0	0	9	0	0	61	86
	Karachi (Manora)	000	0	0	18	10	98	02	0	120	78	0	0	9	0	0	67	84
	Karachi (Airport)	000	0	0	16	03	97	02	0	130	80	0	0	9	0	0	45	83
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	098	83	0	0	9	0	0	66	85
	Umerkot	000	0	0	29	01	98	02	0	122	80	0	0	9	0	0	49	83
	Hyderabad	000	0	0	02	02	97	02	0	131	75	0	0	9	0	0	47	83
	Badin	000	0	0	36	02	97	00	0	139	81	0	0	9	0	0	39	87
Khairpur	Padidan	000	0	0	05	05	97	02	0	139	73	0	0	9	0	0	41	79
	Nawabshah	000	0	0	31	03	97	02	0	151	75	0	0	9	0	0	42	77
	Sukkur	000	0	0	02	05	96	02	0	142	73	0	0	9	0	0	44	76
	Kashmore	000	0	0	00	00	99	00	0	189	71	0	0	9	0	0	30	80
	Jacobabad	000	0	0	13	02	97	02	0	148	74	0	0	9	0	0	31	76
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	519	39	0	0	9	0	0	27	46
Peshawar	Drosh *	000	0	1	09	03	96	01	0	517	46	1	1	7	0	0	11	52
	Cherat *	000	0	0	05	05	98	00	0	512	50	0	0	9	0	0	46	57
	Kakul *	000	0	0	18	03	98	00	0	520	51	0	0	9	0	0	33	59
	Landikotal *	000	0	0	05	02	99	00	0	505	52	0	0	9	0	0	37	59
	Parachinar *	000	0	0	13	01	99	00	0	516	50	0	0	9	0	0	12	60
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	484	59	0	0	9	0	0	29	62
	Wana *	000	0	0	00	00	99	00	0	509	55	0	0	9	0	0	25	57
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	512	58	0	0	9	0	0	18	61
	Hindubagh *	000	7	3	25	09	97	00	0	475	58	0	0	8	0	2	23	59
	Loralai *	000	0	6	13	02	98	02	2	371	56	0	4	8	2	1	19	63
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	2	00	00	96	02	0	523	55	2	1	5	0	0	17	56
	Chaman *	000	0	0	27	05	98	00	0	509	59	0	0	9	0	0	21	62
	Nushki *	000	0	0	00	00	98	02	0	543	65	0	0	9	0	0	41	68
	Dalbandin *	000	8	2	00	00	98	03	0	514	68	2	0	9	3	0	31	72
Kalat	Kalat *	000	0	0	31	03	98	00	0	482	53	0	0	9	0	0	28	58
	Panjgur *	000	0	0	36	02	98	02	0	506	48	0	0	9	0	0	18	69
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Rainfall: Annual Normals (42)
Rangamati	000	0	0	36	02	96	00	4	189	66	0	0	9	0	0	62	59	—	—	0.1	—	155.5	—
Cox's Bazar	000	0	2	02	05	97	01	0	167	70	2	4	5	0	0	59	62	— 3	+ 2	0.9	— 2.7	156.7	140
Chittagong	000	0	0	05	02	96	00	0	176	70	0	0	9	0	0	62	56	+ 1	— 3	0.1	— 1.7	170.7	108
Maijdee Court	000	0	0	00	00	98	00	0	180	68	0	0	9	0	0	59	52	— 1	— 8	0	— 1.7	124.5	115
Comilla	000	0	0	00	00	97	02	0	170	67	0	0	9	0	0	59	52	— 1	— 4	0	— 1.5	76.9	91
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
Sylhet	000	0	3	09	05	97	02	0	176	66	3	2	6	0	0	59	57	—	—	0.1	—	—	—
Srimangal	000	0	1	00	00	96	00	0	xxx	69	0	0	9	0	0	58	48	— 2	— 2	1.0	— 0.6	52.1	98
Mymensingh	000	0	0	00	00	97	00	0	176	62	0	0	9	0	0	59	56	0	— 1	0.3	— 0.7	62.1	91
Narayanganj	000	0	2	27	02	95	40	4	179	66	0	0	9	0	8	57	56	+ 3	— 3	0.4	— 0.7	73.0	74
Dacca (Tezgaon)	000	0	1	00	00	97	00	0	176	64	1	1	6	0	0	59	53	—	—	0	—	81.2	—
Faridpur	000	0	0	34	02	95	05	0	173	64	0	0	9	0	0	55	55	— 2	— 2	0	— 1.2	87.6	71
Barisal	000	0	0	00	00	96	02	1	175	66	0	0	9	0	0	55	56	— 2	— 1	0	— 1.8	65.4	81
Khulna	030	0	0	00	00	97	00	0	184	67	0	0	9	0	0	55	56	— 1	0	0	— 1.2	57.3	68
Satkhira	000	0	0	00	00	97	00	0	188	64	0	0	9	0	0	45	52	— 13	— 2	0	— 1.8	54.3	65
Jessore	000	0	0	36	03	97	00	0	181	64	0	0	9	0	0	49	49	—	—	0	— 1.0	58.0	65
Pabna	000	0	0	31	05	95	10	0	185	62	0	0	9	0	0	52	55	—	—	0.1	—	50.5	59
Sirajganj	000	0	0	00	00	96	00	0	180	68	0	0	9	0	0	58	59	+ 2	+ 3	0.7	— 0.1	50.0	64
Bogra	000	0	0	00	00	96	02	0	177	65	0	0	9	0	0	57	55	×	0	0.3	— 0.6	53.6	69
Dinajpur	000	0	0	00	00	96	00	0	178	70	0	0	9	0	0	58	51	+ 1	— 2	0	— 0.4	51.7	72
Rangpur	000	0	0	05	02	96	01	4	184	64	0	0	9	0	0	57	51	— 1	— 2	0.1	— 0.4	40.2	84
Jammu																							—
Lahore (Jail Rd.)	000	0	6	00	00	94	10	1	216	42	0	0	9	0	6	30	39	— 3	— 2	0	— 0.1	51.2	19
Sialkot	000	0	0	00	00	97	00	0	208	53	0	0	9	0	0	40	42	— 3	— 1	0.9	+ 0.7	35.9	32
Jhelum	000	0	4	32	02	96	03	0	218	39	1	0	9	1	4	37	36	—	—	1.0	—	35.7	
Rawalpindi	000	0	6	20	02	98	03	0	233	40	0	0	9	0	8	37	36	— 4	— 2	1.7	+ 1.2	53.9	36
Campbellpur	000	0	6	05	02	96	03	2	235	40	0	0	9	0	0	35	xx	—	—	0.8		17.6	—
Khushab	000	0	5	00	00	99	03	1	222	42	0	0	9	0	5	35	39	— 4	— 4	0	— 0.1	11.2	15
Lyallpur	000	0	6	00	00	95	05	4	219	41	0	0	9	0	5	40	39	— 3	— 3	0.1	— 0.1	13.9	12
Montgomery	000	0	6	02	02	96	03	0	214	47	6	0	5	3	0	38	43	— 2	— 2	0.1	0	10.2	10
Multan	000	0	6	00	00	97	03	1	222	49	6	0	9	5	0	39	45	— 4	+ 1	0	— 0.1	7.6	7
Leiah	000	0	0	36	03	97	00	0	142	49	0	0	9	0	0	34	36	—	—	0	—	10.6	8
Khanpur	000	0	1	03	07	96	01	0	201	47	1	0	9	3	0	38	44	— 5	— 1	0	— 0.1	12.6	6
Bahawalpur	000	0	0	00	00	98	00	0	126	50	0	0	9	0	0	40	41	— 5	— 4	0	0	4.9	6
Fort Abbas	000	0	2	07	02	98	00	0	219	46	0	0	9	0	0	36	43	—	—	0	—	3.1	8
Chakdara	000	0	0	13	02	97	00	0	230	37	0	0	9	0	0	32	34	—	—	2.3	—	27.6	—
Peshawar	000	0	7	13	02	94	04	1	232	43	0	0	9	0	7	34	xx	— 8	×	1.4	+ 0.9	19.2	11
Haripur	000	0	4	07	05	97	04	0	223	41	4	0	9	0	9	32	38	—	—	1.9	—	30.5	—
Bannu	000	0	8	00	00	97	03	0	224	xx	0	0	9	0	8	34	39	—	—	0.5	—	14.4	11
D. I. Khan	000	3	7	00	00	98	03	1	212	45	7	7	8	0	0	38	42	— 5	0	0	— 0.2	7.7	9
Sibi	000	3	6	00	00	97	03	2	206	49	0	0	7	4	0	31	47	—	—	0	—	5.6	5
Nokkundi	000	0	0	34	03	98	02	0 *	200	46	0	0	9	0	0	32	45	—	—	0	—	1.0	2
Turbat	000	0	0	09	02	98	00	0	164	61	0	0	9	0	0	26	xx	—	—	1.0	—	12.3	—
Jiwani	000	0	1	16	02	97	02	0	161	65	1	0	9	3	0	57	60	—	—	0	—	3.8	5
Pasni	000	0	4	07	07	97	03	0	162	69	0	0	9	3	3	68	62	+ 2	+ 7	0	— 0.1	5.4	6
Ormara	000	0	1	00	00	96	01	0	167	66	1	1	6	0	0	64	59	—	—	0	0	9.9	6
Lasbela	000	0	0	00	00	98	00	0	176	58	0	0	9	0	0	46	54	—	—	0	—	0	8
Karachi (Manora)	000	0	2	02	16	97	01	1	169	62	0	0	9	0	1	41	59	+ 4	— 2	0	— 0.1	9.9	8
Karachi (Airport)	000	0	2	02	03	96	03	0	175	59	0	0	9	0	1	40	53	—	—	0	—	24.6	—
Nagarparkar	003	0	0	13	01	97	00	0	133	63	0	0	9	0	0	45	xx	—	—	0	—	27.3	—
Umerkot	000	0	1	02	01	97	02	0	170	48	0	0	9	0	0	33	44	—	—	0	—	18.0	—
Hyderabad	000	0	1	36	05	97	03	0	188	57	0	0	8	0	1	37	54	+ 3	+ 1	0	— 0.1	12.9	7
Badin	000	0	0	36	02	97	00	0	172	52	0	0	9	0	0	43	48	+ 5	— 5	0	— 0.2	14.8	9
Padidan	000	0	1	31	03	96	01	0	197	47	0	0	9	0	8	40	43	—	—	0	—	11.1	—
Nawabshah	000	0	0	00	00	97	02	0	190	69	0	0	9	0	0	39	47	—	—	0	—	9.3	—
Sukkur	000	0	2	00	00	96	02	0	200	48	0	0	9	0	3	41	47	—	—	0	—	2.2	4
Kashmore	000	0	0	00	00	99	00	0	198	52	0	0	9	0	0	36	40	—	—	0	—	1.8	—
Jacobabad	000	0	2	36	05	97	03	0	199	50	0	0	9	0	2	34	46	— 1	—	0	— 0.1	8.3	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							36
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							5
Murree *	000	2	5	07	09	97	02	1	536	40	0	0	9	0	8	19	31	— 11	— 5	3.2	+ 2.2	72.5	59
Drosh *	000	0	2	00	00	97	03	0	561	33	2	0	9	5	0	19	33	— 2	— 4	0.9	—	23.9	18
Cherat *	000	0	0	05	05	98	00	0	490	41	0	0	9	0	0	36	38	0	— 5	1.7	+ 1.1	35.2	29
Kakul *	000	0	5	24	03	97	03	1	537	40	0	0	9	0	1	23	38	—	—	3.7	—	40.0	—
Landikotal *	000	0	6	00	00	98	03	1	571	35	0	0	9	0	8	30	30	—	—	1.9	—	15.0	—
Parachinar *	000	0	0	00	00	99	00	0	524	34	0	0	9	0	0	18	39	+ 3	+ 6	0.6	—	30.0	29
Miranshah *	000	0	4	00	00	98	02	3	514	40	4	4	9	0	0	23	32	—	—	0.1	0	7.8	13
Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Fort Sandeman *	000	0	5	07	01	98	01	0	541	43	5	0	9	3	0	24	36	+ 1	+ 2	0.1	— 0.4	11.3	11
Hindubagh *	000	0	6	27	02	97	00	0	491	35	6	8	6	0	0	17	24	—	—	0.1	—	5.9	—
Loralai *	000	0	8	29	02	97	01	2	339	41	0	4	7	2	1	21	32	—	—	0	—	5.4	9
Harnai *	000	6	8	27	02	95	21	6	xxx	xx	0	0	9	0	0	xx	xx	×	×	0.1	— 0.3	34.7	14
Quetta *	000	0	4	13	03	96	03	0	531	41	0	0	9	3	1	26	35	—	—	0.4	— 0.2	6.7	9
Chaman *	000	8	6	13	05	98	02	1	528	45	6	2	5	0	0	20	38	+ 3	+ 1	0.5	— 0.3	6.8	8
Nushki *	000	0	0	09	09	98	02	0	556	49	0	0	9	0	0	35	45	—	—	0	—	3.8	—
Dalbandin *	000	0	6	36	02	96	03	1	500	43	6	0	9	5	0	20	38	+ 9	+ 4	0.2	0	2.8	4
Kalat *	000	0	0	18	03	98	00	0	520	36	0	0	9	0	0	19	26	+ 1	— 1	0.2	— 0.3	13.1	7
Panjgur *	000	0	0	05	02	98	02	0	499	43	0	0	9	0	0	10	40	+ 3	+ 1	0.2	—	5.2	3
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

Met. O. 202 A.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 9th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC h_s h_s$	$OT_sT_sT_dT_d$	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
State of Bombay	63 087	538 00	9 05 12	95 6 36	100 79	03 4 00	55 7 31	...	00 0 75	10 4 22
British Resource	63 213	611 00	0 09 05	99 0 20	135 75	00 9 00	35 4 00	...	05 2 67	10 9 21
Umaria	63 217	634 06	3 04 02	99 0 20	152 75	43 6 xx	54 1 10	...	05 2 72	10 4 xx
Tobruk	63 210	699 06	0 04 02	98 0 20	065 73	00 9 00	34 0 10	...	...	
British Resource	63 191	632 12	3 04 05	93 0 20	125 74	00 9 05	35 7 18	...	05 5 68	10 4 21
Edpela	63 232	593 12	0 00 00	98 0 20	138 77	00 9 00	75 6 xx	...	05 2 66	10 0 x0
Caltex Utrecht	63 246	580 18	0 36 02	93 0 20	153 75	00 9 00	...	...	05 1 70	13 6 21
BAY OF BENGAL										
Kaisiec	63 175	866 06	0 36 10	97 0 10	163 82	00 9 03	...	...	...	...
Bhawateen	63 141	530 06	0 23 02	99 0 20	146 82	21 5 01	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb (HHHTTTT$_d$T$_d$T$_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 122 092	123 132 128	...	145 092 068	...	307 018 999	430 528 999	572 608 999	737 690 999	950 820	228 958	...	...
Jiwani ...														
Karachi ...	00 00	014 142 052	139 135 999	...	150 005 999	...	312 055 999	435 545 999	577 635 999	744 725 999	948 872	218 032	401 075	658 031
Lahore ...	00 00	994 132 038	...	...	150 092 999	...	312 550 999	431 622 993	569 708 999	729 845 999	...	...	...	...
Multan ...														
Peshawar ...	00 00	978 072 008	...	...	150 102 525	...	311 508 632	432 582 712	571 670 999	735 772 999	937 902	204 055	...	...
Quetta ...	00 00	834 052 548	...	...	...	...	306 425 995	423 692 999	557 785 [illegible]	705 860 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 112 118	...	...	...	...	...	...	...	...	800 112 118	...	...
Jiwani ...													
Karachi ...	00 00			...	...	...	...	...	...	...	100 038 999	...	...
Lahore ...	00 00	900 115 552	800 048 999	...	...	...	...	...	...	...	800 048 999	...	...
Multan ...													
Peshawar ...	00 00	941 138 028	900 122 505	800 078 545	...	...	...	...	...	...	800 078 545	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	400 860 999	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	31 05	31 06	32 07	35 07	07 03	...	...	...	...
Chaklala ...	...	27 03	19 01	22 02	15 04	19 07	26 07	28 22	32 43
Chhor ...	28 04	02 03	03 03	04 01	32 09	29 15	29 17	28 31	26 45
Chittagong ...	30 08	23 05	16 08	12 13	...	...	...	...	...
Cox's Bazar ...	01 05	17 02	22 09	20 13	30 14	...	...	...	...
Dacca ...	28 11	30 08	30 08	33 06	28 07	27 13	27 41	...	...
Dalbandin ...	...	...	20 02	28 02	32 11	31 16	31 23	30 26	27 32
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	31 01	22 07	21 21	19 14	16 12
Fort Sandeman ...	...	...	...	04 05	03 04	30 10	31 17	30 27	30 40
Hyderabad ...	12 03	10 04	09 05	16 03	31 06	29 17	29 21	29 21	29 27
Jessore ...	33 09	33 09	34 10	35 10	31 12	...	...	...	...
Jhelum ...	25 02	16 04	13 07	06 04	06 04	28 02	...	...	...
Jiwani ...	17 05	07 03	05 03	32 07	32 13	32 27	28 33	28 33	27 31
Karachi ...	16 07	09 09	08 10	01 05	01 09	32 08	31 23	30 39	...
Khanpur ...	03 11	02 13	30 15	01 17	35 08	29 07	29 27	30 32	30 37
Lahore ...	02 05	05 04	04 03	36 04	01 04	17 03	30 14	29 32	30 39
Multan ...	05 10	06 10	06 09	14 07	15 03	30 11	29 24	29 26	29 39
Mascat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 04	33 09	31 13	31 23	29 21	28 35
Peshawar ...	...	07 03	05 01	34 03	23 04	30 12	24 15	26 13	30 35
Quetta ...	...	...	...	...	33 04	33 04	34 07	31 17	30 29
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 03	14 02	14 02	14 03	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	33 06	32 10	31 07	06 02	...	...
Chaklala ...	...	07 06	36 03	07 05	02 03	19 04
Chhor ...	07 09	08 07	08 06	03 05	32 09	28 15
Chittagong ...	02 06	02 04	15 02	20 17	21 18	23 15
Cox's Bazar ...	34 07	34 06	22 09	21 19	20 20	23 18
Dacca ...	33 09	33 04	34 06	28 06	24 07	25 14
Dalbandin ...	...	...	16 02	24 03	29 10	28 18
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	09 04	28 03	23 02
Fort Sandeman ...	...	...	...	05 03	23 06	27 07
Hyderabad ...	02 12	02 13	05 12	02 03	24 08	29 19
Jessore ...	35 11	35 10	34 05	34 05	26 12	27 15
Jhelum ...	33 07	35 07	36 05	03 02	35 06	25 03
Jiwani ...	06 07	05 02	10 01	28 03	28 06	29 18
Karachi ...	...	...	...	...	...	...
Khanpur ...	02 15	03 14	07 10	08 06	18 02	28 07
Lahore ...	04 07	04 05	36 04	35 07	32 07	30 03
Multan ...	08 13	11 07	09 05	13 03	11 03	37 08
Mascat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	26 06	27 06	29 14
Peshawar ...	...	03 03	02 03	35 05	32 06	32 07
Quetta ...	...	...	...	...	31 02	30 04
Sharjah ...	...	...	...	...	...	...
Sylhet ...	09 05	09 13	09 07	12 05	13 13	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 13	32 10	31 07	06 04	04 03	27 11	27 21	...	...	...	...
Chaklala ...	...	13 01	30 01	11 03	13 06	19 05	28 18	27 23	28 36	28 37	...
Chhor ...	07 04	04 04	03 06	05 04	08 10	29 13	...	...	...	...	...
Chittagong ...	15 05	23 03	20 09	20 18	24 15	24 21	26 30	26 38	26 57	...	...
Cox's Bazar ...	31 04	21 08	21 12	21 13	24 18	24 21	26 27	21 42	27 41	...	...
Dacca ...	31 08	31 08	32 09	29 07	24 12	26 19	27 24	27 33	26 44	...	...
Dalbandin ...	...	...	09 05	23 02	26 07	28 15	27 17	28 34	28 43	28 52	29
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 05	02 11	02 10	21 06	...	...	...
Fort Sandeman ...	...	...	...	00 00	22 08	22 12	...	...	...	...	...
Hyderabad ...	01 08	05 09	07 09	05 06	31 09	30 18	28 23	28 38	28 49	27 74	...
Jessore ...	34 07	34 10	33 10	31 09	26 10	27 22	28 20	28 21	...	...	...
Jhelum ...	31 03	33 06	35 01	15 01	17 02	18 05	19 05	28 15	27 29	27 33	...
Jiwani ...	11 13	13 15	13 10	31 03	31 07	27 10	29 37	29 47	29 51	...	...
Karachi ...	06 19	09 12	10 10	11 05	04 06	28 15	29 17	31 24	29 45	29 47	...
Khanpur ...	07 05	11 04	11 04	12 06	11 05	19 12	30 24	29 30	29 51	...	...
Lahore ...	02 03	35 03	33 04	33 09	32 09	15 03	...	...	...	...	...
Multan ...	08 07	07 08	06 07	08 03	17 08	22 09	28 08	29 18	28 36	...	...
Mascat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 10	26 13	29 23	29 33	29 34	29 40	30 49	29
Peshawar ...	...	11 02	20 03	33 09	35 06	36 11	04 17	...	...	...	...
Quetta ...	...	...	...	...	18 04	28 09	30 27	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 07	13 07	13 07	14 09	16 09	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	31 12	31 12	31 13	31 13	31 21	27 21	27 31	26 27	26 37	26 45	26 58	26 87	26 78	...	...	...	...	...
Karachi ...	03 29	06 28	06 22	12 08	31 10	28 12	29 35	30 39	30 39	28 46	79 03	78 15	77 61	78 36	78 10	...	...	...
Peshawar ...	...	18 02	34 04	35 03	33 04	20 06	20 06	19 06	26 21	28 43	28 48	29 43	29 65	29 83	...	...	...	...
Quetta ...																		

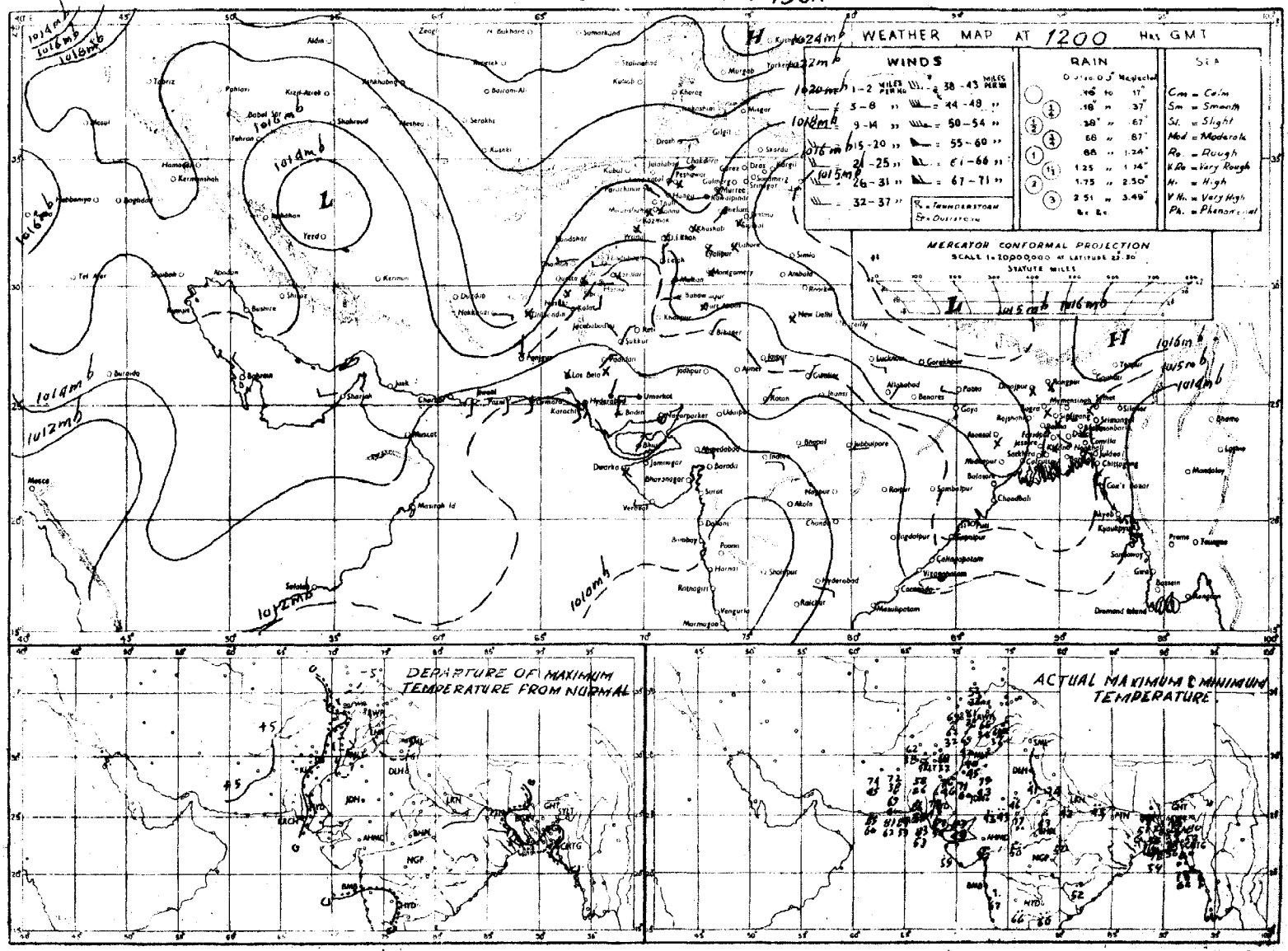
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

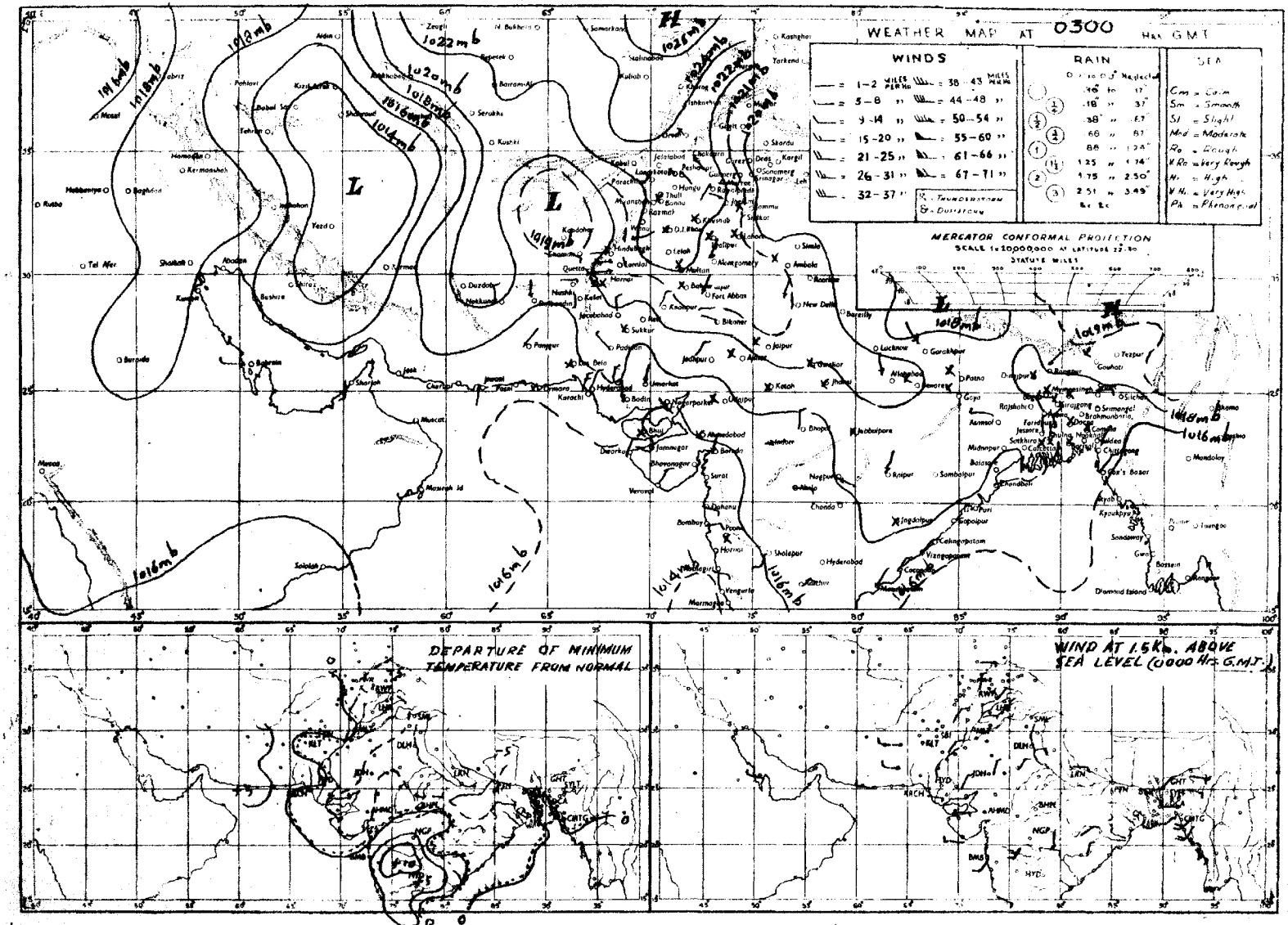
FRIDAY 8th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to ... hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 9th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 10th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's feeble western disturbance over northeast Iran has weakened and moved slightly northeastwards.

The low pressure area over Quetta division lies over D. I. Khan division and adjoining areas.

Weather remained dry over the country.

Night temperatures were 4-6°F above normal in Quetta and Kalat divisions and 3-5°F below normal in Dacca, Chittagong, Peshawar, Rawalpindi, D. I. Khan and Multan divisions.

Forecast valid until the evening of 11th December, 1961:—Scattered light rain/snow is likely to fall in Peshawar, D. I. Khan and Quetta divisions and in Kashmir.

Karachi-11
The 10th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																At 0300 Hrs. G.M.T. of date															Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	We	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTa				
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	9	36	02	xx	03	1	158	71	9	x	0	x	x	58	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—				
	Cox's Bazar	000	0	0	31	05	xx	03	0	145	70	0	0	9	0	0	58	78	000	0	0	05	09	97	01	0	146	69	0	0	9	0	0	56	60	— 3	+ 1	0.9	— 1.6	156.7	140
	Chittagong	000	0	0	00	00	xx	00	0	147	68	0	0	9	0	0	57	78	000	0	0	00	00	96	00	0	155	67	0	0	9	0	0	59	55	— 7	— 4	0.1	— 2.4	170.7	109
	Maijdee Court	000	0	0	00	00	xx	10	0	151	67	0	0	9	0	0	55	77	000	9	0	11	12	98	00	4	159	65	0	0	9	0	0	55	51	— 2	— 9	0	— 1.8	124.5	115
	Comilla	000	0	0	00	xx	03	0	1	142	69	0	0	9	0	0	57	79	000	0	0	00	00	97	02	0	145	66	0	0	9	0	1	57	52	— 1	— 4	0	— 1.5	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	01	1	150	68	0	0	9	0	0	58	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	000	0	0	00	00	xx	02	1	147	68	0	0	9	0	0	56	76	000	0	0	39	02	96	02	0	150	65	3	5	6	0	0	xx	54	—	—	0.1	—	—	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	140	77	0	0	9	0	0	59	78	000	0	0	00	00	96	00	0	156	65	0	0	9	0	0	52	52						91
	Narsyangani	000	9	1	00	00	xx	05	4	147	69	0	0	9	0	0	57	79	000	0	0	00	00	96	05	4	152	67	0	0	9	0	0	57	57	0	— 5	0.3	— 0.7	62.1	74
	Dacca (Tezgaon)	000	6	1	27	02	96	02	1	148	66	1	0	9	4	0	56	78	000	0	1	00	00	96	05	0	151	64	1	0	9	4	0	57	50	0	— 2	0.4	— 0.7	73.0	—
	Faridpur	000	0	0	00	00	95	05	0	157	67	0	0	9	0	0	57	75	000	0	0	00	00	95	05	0	152	63	0	0	9	0	0	56	53	— 2	— 4	0	—	81.2	—
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	01	97	00	0	157	67	0	0	9	0	0	55	55			0	— 1.2	87.6	71
	Khulna	000	0	0	00	00	95	00	0	150	69	0	0	9	0	0	56	79	000	0	0	00	00	97	00	0	159	68	0	0	9	0	0	58	54	— 0	— 2	0	— 1.8	66.4	81
	Satkhira	000	0	0	00	00	97	00	0	152	71	0	0	9	0	0	58	78	000	0	0	00	00	97	00	0	161	65	0	0	9	0	0	58	51	— 3	— 3	0	— 1.2	57.3	68
	Jessore	000	0	0	36	02	97	00	0	147	70	0	0	9	0	0	60	77	000	0	0	31	03	97	00	0	156	62	0	0	9	0	0	55	49	—	—	0	— 1.8	54.3	65
Rajshahi	Pabna	000	0	0	00	00	95	02	0	148	67	1	1	6	0	0	59	76	000	0	0	00	00	95	10	0	156	64	0	0	9	0	0	58	54	—	—	0	— 1.0	59.0	65
	Sirajgani	000	0	0	00	00	xx	00	0	134	65	0	0	9	0	0	58	78	000	0	0	00	00	96	00	0	145	66	0	0	9	1	0	59	53	+ 1	— 3	0.1	— 0.5	50.5	59
	Bogra	000	0	0	00	00	xx	02	0	141	70	0	0	9	0	0	61	78	000	0	3	05	02	96	05	0	151	64	3	4	5	0	0	59	54	0	— 1	0.7	— 0.1	50.0	64
	Dinajpur	000	0	0	00	00	xx	00	0	146	71	0	0	9	0	0	57	79	000	0	0	00	00	96	00	0	156	65	0	0	9	0	0	52	52	+ 1	— 1	0.3	— 0.6	53.6	69
	Rangpur	000	0	1	00	00	xx	01	0	147	67	1	0	9	1	0	60	77	000	0	0	05	02	96	01	0	164	63	0	0	9	0	0	56	54	0	— 1	0	— 0.4	51.7	72
Kashmir	Jammu																																					0.1	— 0.4	60.2	84
Lahore	Lahore (Jail Rd.)	000	8	2	31	02	96	03	2	188	61	7	0	9	7	0	45	66	000	0	0	00	00	94	10	0	183	43	0	0	9	0	0	39	39						—
	Sialkot	000	0	6	00	03	97	02	1	185	57	6	5	6	x	x	49	63	000	0	0	00	00	97	00	0	172	48	0	0	9	0	0	46	42	— 9	— 1	0	— 0.1	51.2	19
Rawalpindi	Jhelum	000	6	5	27	03	97	01	2	182	60	1	0	9	3	6	43	69	000	0	4	00	00	96	02	1	176	43	2	0	9	2	1	38	40	—	—	0.9	+ 0.7	35.9	32
	Rawalpindi	000	9	6	09	01	97	02	2	195	55	0	0	9	0	8	53	68	000	0	5	00	00	97	10	2	188	38	0	0	9	0	2	37	38	— 6	— 0	1.0	—	35.7	—
	Campbellpur	000	7	05	02	98	03	2	193	57	0	0	9	0	0	37	62	000	0	7	05	02	98	03	2	171	44	0	0	9	0	0	39	xx			1.7	+ 1.2	53.9	36
Sargodha	Khushab	000	0	0	00	00	99	00	0	179	63	0	0	9	0	0	46	69	000	0	0	00	00	99	00	0	178	44	0	0	9	0	0	39	39	— 5	— 4	0.8	—	17.6	—
	Lyallpur	000	6	00	00	96	02	0	195	64	6	7	8	0	0	41	66	000	0	0	00	00	94	05	4	184	41	0	0	9	0	0	40	41	— 6	— 1	0	— 0.1	11.2	15
Multan	Montgomery	000	0	5	00	00	96	03	3	194	63	5	0	9	4	0	41	69	000	0	0	00	00	96	03	0	178	46	4	4	5	4	0	42	41	— 6	— 5	0.1	0	10.2	10
	Multan	000	0	4	00	00	98	02	1	182	66	2	0	5	9	2	44	69	000	0	6	00	00	96	05	2	179	52	6	0	9	5	0	41	49	— 5	— 5	0	— 0.1	7.6	7
	Leiah	000	0	7	36	02	97	02	2	186	65	0	0	9	6	0	43	72	000	0	3	05	01	96	01	1	182	45	0	0	9	6	0	38	36	—	—	0	—	12.6	8
Bahawalpur	Khanpur	000	0	1	36	02	96	03	0	172	66	1	0	9	3	0	40	71	000	0	5	00	00	96	03	0	177	44	2	6	6	4	0	39	40	— 5	— 5	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	181	65	0	0	9	0	0	53	71	000	0	3	00	00	98	00	0	172	56	3	0	8	0	0	48	46	— 4	— 1	0	0	4.9	6
	Fort Abbas	000	0	0	36	02	98	00	0	179	xx	0	0	9	0	0	40	71	000	0	0	09	02	98	00	0	179	45	0	0	9	0	0	32	30	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	5	18	02	90	03	0	188	53	5	0	9	3	0	38	53	000	0	0	36	02	97	00	0	196	39	0	0	9	0	0	31	36	—	—	2.3	—	27.6	—
	Peshawar	000	0	7	00	00	96	04	1	191	59	0	0	9	0	4	50	67	000	0	6	00	00	95	10	1	182	44	3	0	9	3	4	39	42	— 2	— 0	1.4	+ 0.9	19.2	11
	Haripur	000	0	5	13	02	97	03	2	174	62	5	0	9	1	0	37	65	000	0	6	02	03	97	03	2	225	42	6	0	9	3	0	31	38	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	0	8	09	00	96	03	2	189	61	0	0	9	8	0	54	62	000	0	4	00	00	99	03	0	179	43	0	0	9	0	4	36	40	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	5	00	00	98	02	2	189	65	0	0	9	1	0	49	69	000	0	2	00	00	98	01	1	177	40	0	0	9	0	2	35	38	— 5	— 4	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	23	02	98	00	0	166	75	0	0	9	0	0	36	77	000	0	0	00	00	97	00	0	183	44	0	0	9	0	0	31	42	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	11	03	98	02	0	127	73	0	0	9	0	0	40	76	000	0	0	02	07	98	02	0	183	45	0	0	9	0	0	27	45	—	—	0	—	1.0	2
	Turbat	000	0	0	23	07	98	00	0	134	80	0	0	9	0	0	54	84	000	0	0	02	02	98	00	0	144	65	0	0	9	0	0	54	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	2	13	07	97	01	1	153	77	2	5	6	0	0	63	79	000	0	6	02	02	97	03	0	161	67	6	5	6	0	0	61	62	—	—	0	—	3.8	5
	Pasni	000	0	4	11	03	97	03	1	152	77	0	0	9	4	0	69	79	000	0	4	29	02	97	03	2	154	63	2	2	7	4	0	59	61	0	+ 6	0	— 0.4	5.4	6
Karachi Division	Ormara	000	0	0	18	02	96	00	1	150	79	0	0	9	0	0	55	81	000	0	0	00	00	96	00	0	149	59	0	0	9	0	0	55	56	—	—	0	0	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	163	84	0	0	9	0	0	61	86	000	0	0	00	00	98	00	0	158	58	0	0	9	0	0	32	55	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	07	12	98	02	0	147	76	0	0	9	0	0	63	82	000	0	0	01	09	96	02	0	161	61	0	0	9	0	0	44	58	+ 2	— 3	0	— 0.1	9.9	8
	Karachi (Airport)	000	0	0	05	03	96	02	0	148	80	0	0	9	0	0	54	83	000	0	0	34	02	96	02	0	167	55	0	0	9	0	0	34	50	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	136	79	0	0	9	0	0	55	88	000	0	0	00	00	97	00	0	142	63	0	0	9	0	0	45	xx	—	—	0	—	27.3	xx
	Umerkot	000	0	0	29	04	98	02	0	141	75	0	0	9	0	0	52	79	000	0	0	xx	xx	97	02	0	148	45	0	0	9	0	0	32	43	—	—	0	—	18.1	—
	Hyderabad	000	0	0	31	05	97	02	0	137	71	0	0	9	0	0	25	77	000	0	0	36	03	97	02	0	163	55	0	0	9	0	0	39	53	— 3	—	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	141	76	0	0	9	0	0	40	80	000	0	0	36	02	97	00	0	168	52	0	0	9	0	0	41	49	— 2	— 4	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	07	97	02	0	167	70	0	0	9	0	0	36	72	000	0	0	36	03	96	02	0	172	47	0	0	9	0	0	42	43	—	—	0	—	11.1	—
	Nawabshah	000	0	0	31	03	96	02	0	167	71	0	0	9	0	0	40	74	000	0	0	00	00	96	02	0	170	47	0	0	9	0	0	40	45	—	—	0	—	9.3	4
	Sukkur	000	0	1	36	03	96	01	0	164	71	0	0	9	0	0	38	72	000	0	0	05	03	95	02	0	169	52	0	0	9	0	0	38	47	—	—	0	—	2.3	4
	Kashmore	000	0	0	00	00	99	00	0	159	70	0	0	9	0	3	46	78	000	0	0	05	03	99	00	0	157	53	0	0	9	0	0	25	39	—	—	0	—	1.9	4
	Jacobabad	000	0	2	36	02	97	02	0	166	73	2	0	9	3	0	33	75	000	0	0	00	00	97	02	0	180	49	0	0	9	0	0	33	46	— 2	— 1	0	— 0.1	8.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Alisbad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	9	7	05	02	96	02	1	524	40	5	4	5	8	0	18	49	000	0	5	00	00	97	02	1	506	37	0	0	9	8	4	19	33	— 8	— 3	3.2	+ 2.9	72.5	59
Peshawar	Drosh *	000	7	8	00	00	96	03	2	534	47	4	5	7	2	x	16	50	000	0	6	00	00	97	03	2	522	38	6	0	9	7	0	22	33	— 4	— 4	0.9	—	23.9	18
	Chitral *	000	0	8	34	05	98	03	1	511	48	3	3	7	6	0	x	42	51	000	0	0	05	05	98	00	1	482	44	1	0	9	7	0	40	40	— 6	— 3	1.7	+ 1.0	35.2	29
	Kakul *	000	7	6	03	95	05	2	527	50	8	0	9	2	1	28	60	000	0	5	36	02	98	02	1	501	42	1	0	7	3	1	22	40	—	—	3.7	—	40.0	—
	Landikotal *	000	8	00	00	97	03	2	516	50	8	0	9	1	x	33	54	000	0	3	00	00	98	01	1	487	38	3	0	9	3	0	32	34	—	—	1.9	—	15.0	—
D.I. Khan	Parachinar *	000	0	6	13	01	99	03	0	503	45	6	0	9	6	0	16	50	000	0	4	00	00	99	00	0	525	35	4	0	9	4	0	23	40	— 3	+ 7	0.6	—	29.8	29
	Miranshah *	000	0	8	00	00	97	02	3	518	57	8	4	8	0	0	29	59	000	0	0	00	00	99	00	0	477	38	0	0	9	0	0	20	31	—	—	0.1	— 0.1	7.8	13
	Wana *	000	0	4	00	00	99	01	1	513	56	0	0	9	0	0	29	59	000	0	0	00	00	99	00	0	513	37	0	0	9	0	0	21	29	—	—	0.5	—	11.9	11
Quetta	Fort Sandaman *	000	0	4	00	00	99	01	0	521	56	4	8	8	3	0	25	xx	000	0	0	00	00	98	02	0	513	36	0	0	9	0	0	21	34	x	—	0.1	— 0.1	11.3	11
	Hindubagh *	000	0	4	09	02	xx	00	0	497	54	4	8	9	2	1	19	55	000	0	0	25	10	97	00	0	529	32	0	0	9	0	0	06	28	—	—	0.1	—	5.9	—
	Loralai *	000	0	4	16	03	99	02	1	458	54	3	0	9	1	1	23	58	000	0	0	00	00	99	00	0	373	32	0	0	9	0	0	23	30	—	—	0.1	—	5.6	9
	Harnai *	000	0	0	09	01	96	02	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.3	34.7	14
	Quetta *	000	0	2	18	02	96	02	0	510	57	2	1	5	0	0	25	60	000	0	3	00	00	96	01	0	501	44	0	0	9	3	0	24	37	—	—	0.4	— 0.2	6.7	9
	Chaman *	000	0	6	27	05	98	02	1	506	62	6	2	5	0	0	12	64	000	0	5	13	05	98	02	1	506	47	5	2	6	3	0	19	43	+ 5	— 6	0.5	— 0.4	6.8	8
	Nushki *	000	0	2	27	05	98	03	0	574	71	2	0	9	3	0	37	71	000	0	0	00	00	98	03	0	544	55	3	0	9	3	0	35	51	—	—	0	—	3.8	—
	Dalbandin *	000	8	1	00	00	98	03	1	513	73	0	0	9	0	1	25	75	000	0	0	00	00	97	02	0	478	37	0	0	9	0	0	16	35	— 12	+ 1	0.2	0	2.8	4
Kalat	Kalat *	000	4	0	18	05	98	03	2	455	55	0	0	8	0	3	28	61	000	0	0	18	03	98	00	0	507	xx	0	0	9	0	0	24	31	+ 4	+ 4	0.2	— 0.3	13.1	7
Afghanistan	Panjgur *	000	0	0	23	07	98	00	0	511	71	0	0	9	0	0	30	73	000	0	0	00	00	98	03	0	498	50	0	0	9	8	0	46	43	+ 7	+ 4	0.2	—	5.2	5
	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given in RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 10th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sC_sh_sh_s$	OT,T.T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Resource	73 171	650 00	6 06 05	99 0 31	132 75	xx x xx	35 5 00	...	05 2 67	10 6 xx
British R...ource	73 164	657 06	5 01 05	99 0 3.	138 77	21 3 06	35 0 00	...	00 0 69	10 1 21
Saroma	73 037	724 12	7 04 05	9a 0 32	095 82	31 4 70	36 6 15	...	05 1 75	10 4 21
Cheramey	73 232	592 18	0 31 03	9d 0 20	190 75	00 9 00	76 1 03	...	05 2 64	13 1 x1

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 $_{mb}$	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$ HHHTTTT$_d$T$_d$T$_d$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$ HHHTTT	150$_{mb}$	100$_{mb}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...														
Karachi ...	00 00	012 132 025	122 142 078	...	149 108 502	...	309 502 258	432 552 999	573 635 999	739 758 999	941 892	...	...	...
Lahore ...	00 00	...	MISDA	...	...	...		...	...		...	...	...	...
Multan ...														
Peshawar ...	00 00	975 078 065	...	...	149 092 538	...	307 522 632	427 615 715	565 615 999	747 818 999	...	...	...	...
Quetta ...	00 00	831 045 522	...	...	...		305 615 999	421 710 999	—	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...													
Karachi ...	00 00	900 132 005	800 095 505	...	—	...	...	...	...	...	800 095 505	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	942 128 002	900 118 515	800 072 592	...	...	...	...	...	...	800 072 592	...	...
Quetta ...	00 00	788 000 900	...	...	—	...	...	...	...	...	788 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd : Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	24 10	25 07	27 07	30 04	...	...	...	...	...	34 08	34 08	35 09	06 15	04 12	17 11	02 04	35 07	33 07	34 07	02 09	30 17	...	...	...	...	...
Chaklala ...	...	25 08	35 01	13 03	15 03	12 07	08 06	04 10	...	...	04 02	01 02	33 04	30 06	30 09	...	24 02	14 04	13 05	12 02	18 06	28 12	27 12	...	...	...
Chhor ...	35 05	02 06	03 06	32 06	30 12	28 17	29 25	28 35	28 43	09 12	10 08	06 03	31 10	31 10	31 17	11 05	35 04	25 04	25 05	31 10	28 13	28 28	30 28	...	...	...
Chittagong ...	29 11	23 20	25 04	21 05	...	...	...	...	...	01 10	01 06	06 01	22 10	26 12	27 18	33 08	34 06	08 05	22 13	22 15	26 25	26 19	26 21	26 39	25 64	25 76
Cox's Bazar ...	32 10	32 08	23 10	20 13	23 10	...	...	...	...	...	...	...	...	...	...	35 10	36 07	30 04	21 09	23 12	26 19	26 24	27 26	...	...	...
Dacca ...	27 09	25 07	27 04	01 03	27 12	27 21	27 24	27 29	26 27	32 06	34 02	04 03	33 01	27 10	27 17	26 03	34 03	34 03	30 07	29 12	27 14	27 21	26 32	27 48	26 72	...
Dalbandin ...	...	...	20 01	22 04	25 06	27 12	26 19	29 34	29 47	...	...	09 08	01 01	09 05	28 23	...	...	08 09	25 02	32 04	33 11	30 18	27 34	29 51	29 65	28 90
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 02	33 01	...	...	...	...	...	...	23 07	21 02	20 04	...	...	...	...	05 03	02 07	01 11	36 21	...	...	...
Fort Sandeman ...	...	...	...	05 01	21 06	28 10	...	...	...	...	...	...	06 03	24 06	29 19	...	...	...	02 01	21 09	28 17	29 17	28 23	28 29	89...	...
Jacobabad ...	03 04	05 05	05 04	09 02	27 08	28 19	28 23	29 31	28 55	10 18	13 08	07 04	22 06	26 17	28 22	10 07	13 07	15 04	18 05	28 13	28 28	28 17	28 23	29 56	29 60	...
Jeacore ...	32 04	32 05	33 04	28 04	30 08	28 14	28 17	...	...	33 17	33 16	33 15	31 09	31 13	31 18	30 07	30 09	32 09	31 10	30 09	29 24	27 19	27 30	...	...	...
Jhelum ...	26 04	29 03	32 03	02 02	13 03	16 02	17 04	22 07	26 15	31 02	32 07	29 05	29 02	29 02	26 03	36 02	31 06	28 03	18 03	18 05	23 03	23 07	28 06	29 09	...	...
Jiwani ...	15 08	15 08	15 06	30 07	24 15	27 19	26 19	30 20	29 42	14 03	20 04	23 06	28 09	27 13	29 25	10 01	20 03	18 03	27 07	...	...	...	...	...	...	...
Karachi ...	07 12	07 10	06 09	03 03	33 08	29 18	28 20	30 27	29 43	...	...	...	...	...	...	03 10	04 08	03 05	06 02	26 12	28 18	29 28	28 30	29 33	...	...
Khanpur ...	02 07	07 06	07 05	14 03	18 05	31 11	30 19	28 33	...	08 11	09 03	07 04	19 04	24 04	32 06	11 03	11 02	20 03	27 05	30 10	26 11	...	...	...	...	...
Lahore ...	33 07	34 07	34 07	32 06	02 15	27 02	26 06	28 04	...	34 06	34 07	33 06	32 10	32 15	30 09	33 02	34 03	34 04	30 06	27 05	29 11	28 11	28 10	28 13	28 24	28 25
Multan ...	04 06	06 08	06 05	18 06	24 09	28 11	30 18	29 33	...	17 04	17 03	19 02	27 02	...	...	15 01	19 02	21 04	24 09	28 10	29 16	28 19	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 09	29 24	29 19	30 27	30 39	29 49	...	...	...	25 12	30 12	27 11	...	...	...	30 04	31 03	...	...	...	...	...	...
Peshawar ...	...	25 02	33 05	33 04	13 04	16 08	21 02	24 08	22 35	...	24 01	30 01	33 04	34 07	30 09	...	16 03	15 03	34 07	10 03	23 03	...	...	...	...	...
Quetta ...	...	...	...	...	21 02	26 10	28 15	28 25	...	...	...	...	...	21 02	25 08	...	...	...	...	28 06	31 15	31 21	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	21 08	22 07	19 06	27 02	24 06	...	...	...	...	06 09	04 05	07 05	12 13	17 12	...	...	...	...	...	...	...	...	...	...	...	...
Yarwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	06 10	03 10	02 09	36 07	29 12	29 21	28 31	28 39	29 49	29 71	29 86	29 97	07 03	...	...	...	...	—
Peshawar ...	...	33 04	32 06	33 08	35 10	33 10	33 07	30 10	30 39	28 48	28 71	...	...	...	...	...	...	...
Quetta ...																		

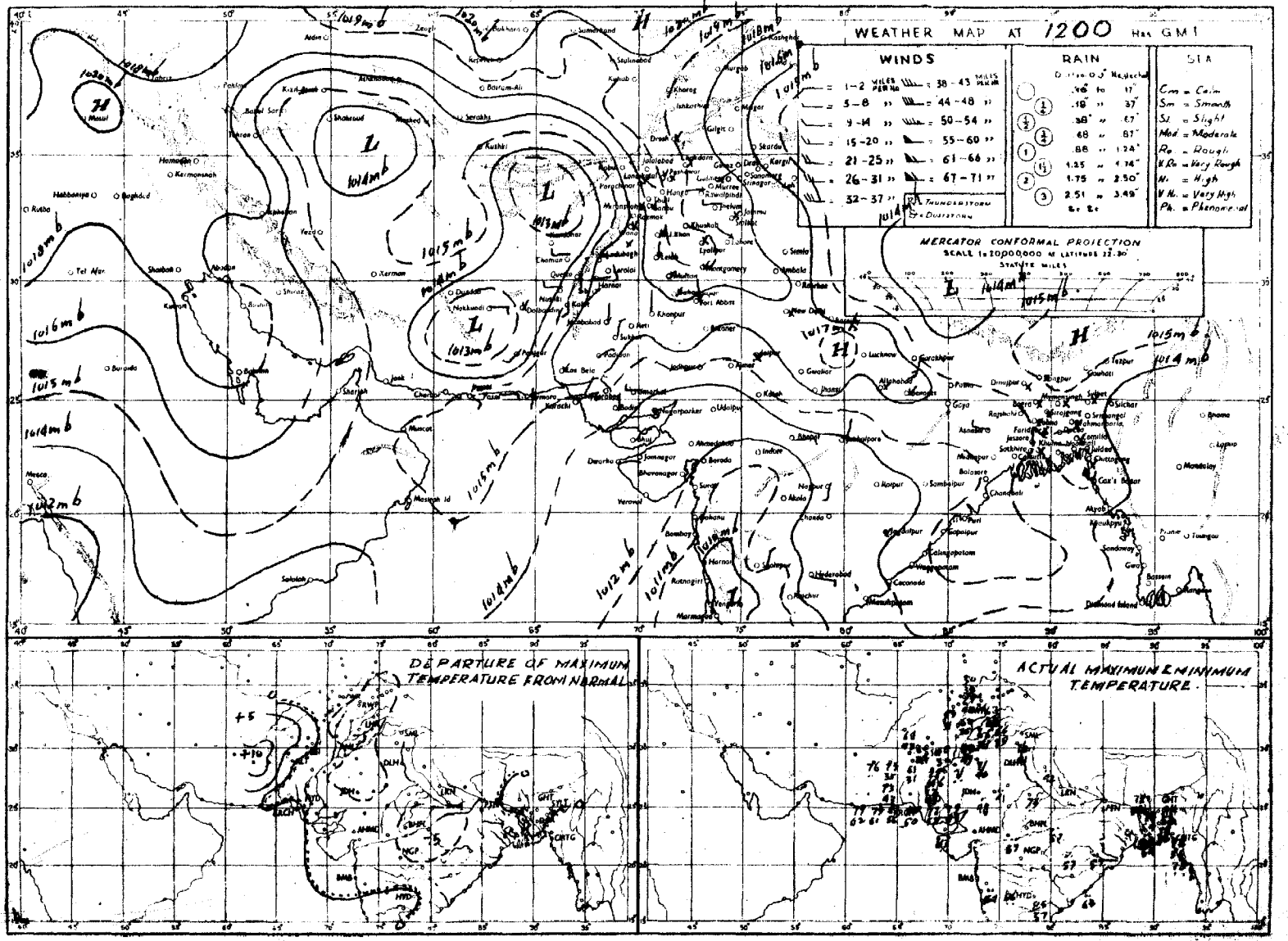
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

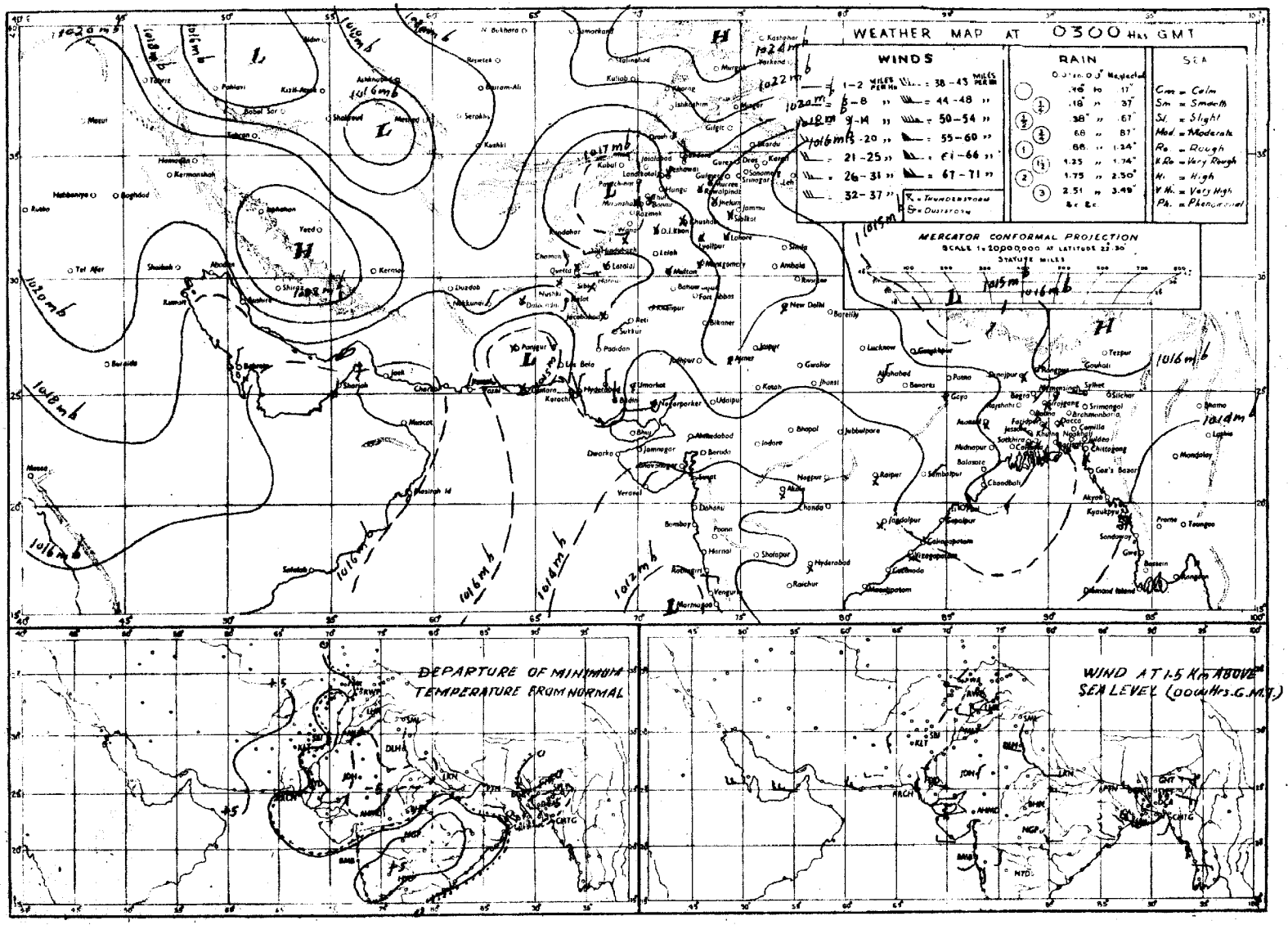
SATURDAY 9th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 10th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 11th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area over D. I. Khan division and adjoining areas is less marked.
The feeble western disturbance over northeast Iran moved away.
Weather remained dry over the country.
Night temperatures were nearly in the country.
Forecast valid until the evening of 12th December, 1961:—Dry weather will continue over the country.

Karachi-11
The 11th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint °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 °F TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
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	9	27	05	xx	00	0	170	71	9	x	0	x	x	64	79	030	2	0	36	05	96	00	4	161	67	0	0	9	0	0	61	59	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	00	00	xx	00	0	111	69	0	0	9	0	0	57	76	003	0	0	36	06	97	02	0	144	67	0	0	9	0	0	57	58	— 5	— 1	0.9	— 2.8	156.7	140
	Chittagong	020	0	0	00	00	xx	00	0	101	67	0	0	9	0	0	55	77	000	0	0	00	00	96	00	0	151	69	0	0	9	0	0	59	55	— 2	— 3	0.1	— 2.4	170.7	108
	Mulidee Court	0300	0	0	00	00	xx	10	0	115	68	0	0	9	0	0	58	76																		— 3	—				115
	Comilla	000	0	0	00	00	xx	02	0	003	69	0	0	9	0	0	57	79	000	0	1	09	05	96	02	4	191	66	0	0	8	2	0	61	53	— 1	0	0	— 1.5	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	0	115	68	0	0	9	0	0	58	77	000	0	0	00	00	97	02	0	142	67	0	0	9	0	0	57	53	—	—	0	— 1.3	65.4	78
	Sylhet	000	0	0	00	00	xx	01	1	109	67	0	0	9	0	0	57	79	000	0	1	09	05	96	62	4	191	66	0	0	8	2	0	61	53	—	—	0.5	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	60	0	0	9	0	0	55	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—				98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	115	69	0	0	9	0	0	57	77	000	0	0	00	00	97	00	0	147	63	0	0	9	0	0	58	54	— 1	— 1	0.3	— 0.8	62.1	91
	Narayanganj																		000	2	0	00	00	96	10	4	152	66	0	0	9	0	0	59	55	— 1	— 2	0.4	— 0.7	73.0	74
	Dacca (Tejgaon)	000	0	0	27	02	97	01	0	105	67	0	0	9	0	0	57	77	000	0	0	00	00	96	05	4	148	65	0	0	9	0	0	61	53	—	—	0	—	81.2	—
	Faridpur	000	0	1	00	00	95	05	0	114	70	1	4	8	0	0	56	76	000	0	0	00	00	95	05	0	162	67	0	0	9	0	0	59	54	— 1	— 1	0	— 1.2	57.6	71
Khulna	Barisal	01*	0	0	00	00	97	00	0	113	73	0	0	9	0	0	70	77	000	0	0	00	00	97	02	4	151	68	0	0	9	0	0	61	55	— 2	— 1	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	109	69	0	0	9	0	0	60	78	000	0	0	00	00	97	00	0	154	70	0	0	9	0	0	58	57	— 1	+ 2	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	122	71	0	0	9	0	0	56	78	000	0	0	00	00	97	00	0	160	67	0	0	9	0	0	57	52	— 3	— 1	0	— 1.2	54.3	65
	Jessore	000	0	0	36	02	97	00	0	120	69	0	0	9	0	0	59	78	000	0	0	00	00	97	00	0	156	66	0	0	9	0	0	59	51	—	— 1	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	112	69	0	0	9	0	0	61	77	000	0	0	13	02	93	10	0	156	63	0	0	9	0	0	59	55	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	xx	00	1	103	67	0	0	9	0	0	60	78	000	0	0	00	00	96	00	0	153	69	0	0	9	0	0	xx	54	+ 1	— 1	0.7	— 0.1	58.0	64
	Bogra	000	0	0	00	00	xx	02	0	106	67	0	0	9	0	0	63	77	000	0	0	05	02	96	02	0	150	63	0	0	9	0	0	58	53	— 0	+ 8	0.3	— 0.6	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	110	69	0	0	9	0	0	59	78	000	0	0	00	00	96	00	0	150	65	0	0	9	0	0	54	50	— 0	— 2	0	— 0.4	51.7	72
	Rangpur	000	0	0	00	00	xx	01	0	115	66	0	0	9	0	0	59	78	000	0	0	36	02	94	42	4	164	62	0	0	9	0	0	55	55	+ 1	+ 3	0.1	— 0.4	60.2	64
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	03	0	142	63	4	0	9	7	0	44	69	000	0	1	00	00	94	10	1	170	43	1	0	9	3	1	38	40	— 6	—	0	— 0.1	51.2	19
	Sialkot	000	0	2	00	00	97	01	2	137	63	2	0	9	4	0	45	68	000	0	0	00	00	96	00	0	174	49	0	0	9	0	0	45	43	— 4	+ 1	0.9	+ 0.6	35.9	32
Rawalpindi	Jhelum	000	8	6	18	02	97	02	1	036	60	2	5	7	7	0	41	69	000	0	2	00	00	96	03	0	169	45	2	0	9	3	0	42	40	—	—	1.0	—	35.7	—
	Rawalpindi	000	0	7	36	02	98	03	2	144	57	6	5	6	6	0	43	59	000	0	0	36	02	95	02	2	180	41	2	0	9	6	0	38	38	— 6	— 1	1.2	— 1.2	53.9	36
	Campbellpur	000	0	8	00	00	98	03	2	127	58	0	0	9	0	0	43	59	000	0	5	05	02	96	03	2	187	40	0	0	9	0	0	38	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	136	66	0	0	9	0	0	49	72	000	0	4	00	00	99	03	1	177	45	0	0	9	0	0	39	40	— 2	—	0	— 0.1	11.2	15
	Lyallpur	000	0	5	00	00	96	02	0	142	67	0	0	9	0	4	40	68	000	0	5	00	00	94	05	4	169	46	0	0	9	4	0	44	41	— 4	0	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	2	00	00	96	02	1	140	64	2	4	5	0	0	49	71	000	1	5	13	02	96	03	0	177	48	5	0	9	4	0	40	41	— 4	— 2	0.1	0	10.2	10
	Multan	000	0	0	00	00	97	02	0	133	65	0	0	9	0	0	30	70	000	0	6	00	00	96	05	1	171	49	6	5	6	0	0	42	45	— 4	+ 2	0	— 0.1	7.5	7
	Laiah	000	0	6	09	03	96	03	2	146	65	0	0	9	6	0	43	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Bahawalpur	Khanpur	000	0	3	00	00	96	02	0	127	67	3	0	9	3	0	43	74	000	0	1	05	03	96	02	0	164	48	1	0	9	3	0	39	39	— 2	— 5	0	— 0.1	12.6	6
	Bahawalpur	000	0	4	00	00	98	00	0	192	66	4	0	8	0	6	49	70	000	0	0	00	00	98	00	0	175	51	0	0	9	0	0	39	43	— 5	— 0	0	— 0.1	4.9	6
	Fort Abbas	000	0	0	00	00	97	00	0	130	69	0	0	9	0	0	46	75	000	0	0	36	02	98	00	0	167	44	0	0	9	0	0	37	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	00	96	00	0	151	53	5	0	9	3	0	39	58	000	0	0	18	02	97	00	0	187	38	0	0	9	0	0	30	35	—	—	2.3	+ 0.9	27.6	6
	Peshawar	000	0	6	00	00	96	04	2	142	58	3	0	9	7	4	46	63	000	0	4	00	00	96	04	1	185	41	1	0	9	7	1	35	40	— 6	— 1	1.4	+ 0.9	19.2	11
	Haripur	000	3	6	31	03	97	03	2	169	63	6	0	9	6	0	37	66	000	3	4	05	05	97	03	1	173	43	4	0	9	3	0	32	39	—	—	1.9	—	30.5	—
D.I. Khan	Bannu	000	0	7	27	02	99	03	1	134	65	0	0	9	7	0	41	61	020	0	8	18	02	98	03	2	174	48	0	0	9	8	0	37	48	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	105	65	0	0	9	0	0	41	70	000	2	5	00	00	98	01	1	174	47	0	0	9	0	5	33	39	— 4	— 2	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	19	03	99	00	0	126	71	0	0	9	0	0	32	73	000	0	0	00	00	97	00	0	166	44	0	0	9	0	0	38	43	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	27	03	98	02	0	090	78	0	0	9	0	0	33	78	000	0	0	07	03	98	02	0	175	45	0	0	9	0	0	23	49	—	—	0	—	1.0	2
	Turbat	000	0	0	27	02	98	00	0	102	80	0	0	9	0	0	54	83	000	0	0	09	02	98	00	0	127	63	0	0	9	0	0	54	xx	—	—	1.0	—	12.3	5
	Jiwani	000	0	1	25	05	97	01	1	117	76	1	5	6	0	0	61	78	000	0	1	00	00	97	02	0	140	63	1	5	6	0	0	59	63	—	—	0	—	3.8	5
	Pasni	000	0	2	20	08	97	01	1	111	77	0	0	9	3	0	69	80	000	2	2	29	02	97	03	0	135	63	0	0	9	3	0	61	61	+ 1	+	0	— 0.4	8.4	6
Karachi Division	Ormara	000	0	0	27	03	96	00	0	112	76	0	0	9	0	0	59	78	000	0	0	00	00	96	00	0	127	64	0	0	9	0	0	62	59	—	—	0	— 0.1	9.9	6
	Lasbela	000	0	0	00	xx	98	00	0	112	81	0	0	9	0	0	61	82	000	0	0	00	00	98	00	0	148	59	0	0	9	0	0	47	54	—	—	0	—	0	8
	Karachi (Mashora)	000	0	0	28	10	98	02	0	129	79	0	0	9	0	0	68	84	000	0	0	12	02	95	05	0	142	61	2	0	9	0	0	51	61	— 4	+	0	— 0.1	9.9	8
	Karachi (Airport)	000	0	0	20	03	98	02	0	115	71	0	0	9	0	0	52	83	000	0	1	00	00	96	03	0	146	56	1	0	9	3	0	49	52	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	079	79	0	0	9	0	0	70	93	000	0	0	00	00	97	00	0	136	64	0	0	9	0	0	45	xx	—	—	0	—	27.3	—
	Umerkot	000	0	9	29	02	98	02	0	104	78	0	0	9	0	0	33	82	000	0	0	05	02	97	02	0	141	49	0	0	9	0	0	33	46	—	—	0	—	18.1	7
	Hyderabad	000	0	0	00	00	97	02	0	114	77	0	0	9	0	0	47	82	000	0	0	36	03	97	02	0	148	55	0	0	9	0	0	39	54	+ 2	—	0	— 0.1	12.9	7
	Badin	000	0	9	36	02	97	00	0	132	80	0	0	9	0	0	34	86	000	0	0	36	02	97	00	0	154	53	0	0	9	0	0	45	49	+ 4	— 2	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	00	00	97	02	0	118	73	0	0	9	0	0	38	74	000	0	0	31	03	96	02	0	154	45	0	0	9	0	0	40	43	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	97	02	0	140	74	0	0	9	0	0	36	75	000	0	0	31	03	97	02	0	155	51	0	0	9	0	0	43	47	—	—	0	—	9.3	—
	Sukkur	000	0	0	00	00	96	02	0	135	70	0	0	9	0	0	46	72	000	0	0	05	03	96	02	0	154	52	0	0	9	0	0	38	49	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	205	69	0	0	9	0	0	17	78	000	0	0	04	03	99	00	0	191	52	0	0	9	0	0	36	38	—	—	0	—	3.8	—
	Jacobabad	000	0	0	13	02	97	02	0	124	72	0	0	9	0	0	32	75	000	0	0	31	32	97	02	0	186	49	0	0	9	0	0	31	47	— 2	+ 1	0	— 0.1	8.3	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
Afghanistan	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arabia	Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kuwait	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Kashmir	HILL STATIONS																																								
	Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	8	05	03	97	51	2	527	34	2	5	6	7	0	01	34	—	—	—	—	—	26
	Gulmarg																																								71
	Sonamarg																																								26
	Dras																																								3
	Leh																																								6
	Skardu																																								—
	Misgar																																								—
	Alisbad																																								5
	Gilgit																																								5
Rawalpindi	Murree	000	9	8	07	02	97	03	1	492	38	8	5	4	x	x	18	45	000	9	6	11	02	97	02	1	495	36	2	5	5	8	0	26	31	— 12	— 4	3.2	+ 2.1	72.5	59
Peshawar	Drosh	000	0	8	6	00	00	96	03	2	497	47	6	8	8	7	0	0	23	52	000	9	6	00	00	96	03	2	520	37	6	5	7	3	0	27	35	— 2	— 0	0.9	—	23.9	18
	Chitral	000	0	8	34	07	97	03	2	497	46	8	8	6	0	0	42	53	000	9	8	05	05	98	03	2	509	42	4	0	7	5	0	37	37	— 4	— 6	1.7	+ 1.0	35.2	29
	Kakul	000	9	7	13	02	97	03	2	489	49	3	0	9	2	0	28	55	000	9	6	36	05	98	03	1	500	41	2	0	9	3	0	38	40	—	—	2.7	—	50.2	—
	Landikotal	000	0	2	09	00	98	01	1	479	51	2	0	9	2	0	35	54	000	0	1	00	00	98	02	0	471	32	1	0	9	3	0	26	31	—	—	1.9	—	15.0	—
	Parachinar	000	0	4	13	01	99	00	0	518	51	9	0	9	4	0	23	53	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	2	0	22	37	— 4	+ 5	0.6	—	29.8	—
D.I. Khan	Miranshah	000	0	4	00	00	98	02	2	486	60	4	4	9	1	0	27	62	000	0	6	00	00	98	02	3	579	40	6	4	8	1	0	23	34	—	—	0.1	— 0.1	7.8	13
	Wana	000	0	4	00	00	99	01	1	513	42	4	0	9	1	0	27	57	000	0	0	00	00	99	01	1	505	35	6	0	9	1	0	25	30	—	—	0.5	—	11.9	11
Quetta	Fort Sandeman	000	0	2	00	00	99	01	0	480	57	2	0	9	3	0	27	62	000	0	3	00	00	98	01	0	535	37	3	0	8	3	0	19	34	— 2	— 0	0.1	— 0.1	11.3	11
	Hindubagh	000	0	2	25	14	97	00	0	495	54	0	0	8	0	2	27	55	000	0	0	27	02	97	00	0	512	36	0	0	9	0	0	10	25	— —	— —	0.1	— —	5.9	—
	Loralai	000	0	4	20	03	99	00	1	402	56	0	0	9	1	1	31	59	000	0	0	23	02	99	00	0	375	34	0	0	9	0	0	13	30	— —	— —	0	— —	5.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	— —	— —	0.1	— 0.4	34.7	14
	Quetta	000	0	3	31	02	96	02	0	486	56	1	1	5	0	0	27	59	000	0	1	00	00	96	01	0	501	43	0	0	9	3	0	23	29	— —	— —	0.4	— 0.3	6.7	9
	Chaman	000	0	0	27	05	98	00	0	476	46	0	0	9	0	0	18	62	000	0	0	13	04	98	00	0	504	45	0	0	9	0	0	14	39	— 3	— 2	0.5	— 0.4	6.8	8
	Nushki	000	0	0	00	00	98	01	0	530	48	0	0	9	0	0	43	70	000	0	0	00	05	98	02	0	555	32	0	0	9	0	0	27	47	— 12	— 2	0.2	0	2.8	4
	Dalbandin	000	5	0	23	02	97	02	0	491	71	0	0	9	0	0	30	75	000	0	0	00	00	97	02	0	466	36	0	0	9	0	0	20	35	— —	— —	0.2	0	2.8	4
Kalat	Kalat	000	0	0	29	05	98	00	0	467	50	0	0	9	0	0	27	56	000	0	0	18	03	98	60	0	498	30	0	0	9	0	0	25	28	— 1	— 2	0.2	— 0.3	13.1	7
	Panjgur	000	0	3	23	02	98	03	1	487	70	0	0	9	5	0	41	71	000	0	0	05	02	98	02	0	483	45	0	0	9	0	0	27	43	+ 5	+ 2	0.2	—	5.2	5
Afghanistan	Kabul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
	Kandhar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given in RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 11th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	OT,$T_sT_dT_d$	Id,,d,, P,, H,,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Velacia	13 208	682 00	0 01 05	98 0 20	129 76	00 9 00	76 4 00	...	05 3 60	10 1 20
Vellaria	13 215	668 06	0 02 08	99 0 20	165 79	00 9 00	76 1 18	...	05 3 59	10 2 20
Victoria	13 168	556 06	0 04 15	99 0 00	182 77	00 9 00	17 1 00	...	60 0 67	10 4 xv
Valletia	13 222	650 12	0 01 05	99 0 21	125 76	00 9 00	76 4 00	...	05 2 58	10 1 20
Minchoran	13 120	696 12	6 01 09	98 0 22	076 82	24 4 04	75 6 09	...	05 2 76	10 1 32
Fogo	13 254	576 12	0 00 00	98 0 30	187 77	00 9 00	36 6 13	...	05 2 68	11 8 21
Munssoran	13 130	687 18	2 04 10	98 0 11	099 82	24 4 xx	75 1 20	...	00 0 74	10 4 32
Valletia	13 228	637 18	0 00 00	99 0 20	151 73	00 9 00	75 1 05	...	05 3 60	10 0 x0
BAY OF BENGAL										
Nederoko	12 172	912 12	4 02 09	98 0 30	112 74	44 4 00	36 6 25	...	05 3 65	10 2 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
					HHHTTTTdTdTd						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...			...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...			...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00	011 152 098	...	...	146 135 998	...	308 032 995	422 502 995	575 692 995	742 730 990	948 855	220 025	...	...
Lahore ...	00 00	990 125 055	...	...	160 062 515	...	315 555 992	423 645 992	559 735 998	719 825 998	917 920	...	...	...
Multan ...														
Peshawar ...	00 00	975 062 542	...	...	144 082 555	...	305 525 635	425 612 688	563 700 990	725 802 995	925 898	...	...	...
Quetta ...	00 00	830 018 552	...	...	...	...	307 010 650	430 560 990	571 632 995	738 715 995	937 765	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...		...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	990 178 035									990 178 035	...	...
Lahore ...	00 00	900 088 002	800 032 535	...	...	...	...	...	...	...	800 032 535	...	...
Multan ...													
Peshawar ...	00 00	996 122 012	900 108 532	800 052 582	...	...	...	...	...	...	800 052 582	...	...
Quetta ...	00 00	800 032 538	772 048 262	688 000 990	...	...	...	...	...	...	688 000 990	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Sc—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	32 05	31 07	30 08	31 05	32 10	...	...	...	...	...	...	...	...	...	...	02 05	02 06	03 07	04 06	33 05	28 17	22 31	...	...	...	...
Chaklala ...	...	29 02	13 03	11 05	10 02	23 07	31 15	36 19	...	...	07 04	08 06	12 07	22 02	30 07	...	32 02	04 02	15 05	16 08	14 05	25 11	25 19	34 19	...	...
Chhor ...	27 02	02 02	35 04	29 06	26 14	28 26	28 33	...	...	01 06	33 03	25 04	32 06	31 11	29 11	35 07	36 L6	36 07	35 02	33 05	31 09	...	...	...	...	...
Chittagong ...	29 10	30 05	06 01	16 13	21 14	28 12	...	...	...	01 11	01 07	04 02	24 07	26 10	26 18	36 06	01 05	09 05	09 05	22 05	28 09	26 25	26 40	25 46	26 55	...
Cox's Bazar ...	31 08	33 03	06 03	...	...	...	...	...	...	35 15	34 10	35 07	22 03	25 12	28 09	35 08	35 10	05 04	18 13	23 06	25 13	29 30	26 26	26 31	28 44	...
Dacca ...	26 08	29 05	32 04	34 06	29 11	27 30	26 29	...	...	...	...	...	...	...	...	32 03	36 04	36 06	33 09	29 13	27 18	26 33	26 48	25 41	26 72	...
Dalbandin ...	...	...	23 02	26 04	28 06	33 14	30 30	30 45	30 53	...	...	08 04	34 06	32 19	...	...	...	07 09	27 03	31 07	30 19	31 29	31 31	31 69	30 78	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 02	22 04	...	...	...	...	...	...	24 03	23 06	27 03	...	...	...	...	20 01	28 01	...	...	...	...	...
Fort Sandeman ...	...	...	...	30 02	01 01	26 11	29 27	29 31	28 24	...	...	...	04 03	27 05	29 07	...	...	...	04 02	26 06	30 10	29 21	29 35	...	...	...
Jacobabad ...	13 05	17 05	29 05	28 05	54 11	26 19	28 30	28 56	29 63	09 11	11 04	17 05	28 08	22 02	13 09	08 06	36 02	29 02	32 07	30 13	30 24	29 34	29 51	30 59	30 65	...
Jasoore ...	...	...	...	...	...	...	...	...	...	36 10	35 10	35 09	32 10	32 13	29 18	34 05	34 08	34 13	33 17	30 11	28 14	...	...	...	...	...
Jhelum ...	23 02	34 01	01 01	08 07	10 02	17 03	25 11	...	...	29 04	33 05	33 03	11 06	11 10	15 11	31 03	36 05	07 03	12 07	14 11	14 05	25 09	23 12	25 15	28 27	...
Jiwani ...	23 08	26 06	29 04	31 03	33 12	31 26	30 30	30 30	30 32	30 04	26 07	31 05	36 04	06 05	32 22	27 04	29 05	31 05	28 02	16 01	31 08	31 23	31 23	30 30	30 49	...
Karachi ...	21 12	26 06	29 06	34 07	29 10	29 15	29 30	28 27	29 27	...	...	...	...	...	...	35 L4	31 04	34 03	04 05	35 07	29 15	29 22	29 29	31 33	30 54	...
Khanpur ...	07 04	19 03	20 05	21 08	28 12	29 19	28 23	28 42	30 47	03 19	05 37	07 29	08 21	09 09	11 15	06 06	06 07	08 06	29 05	28 07	26 14	30 32	29 40	29 50	...	...
Lahore ...	31 03	33 02	33 03	27 04	26 06	27 10	29 12	—	—	36 01	34 03	35 05	34 04	28 04	24 03	32 03	31 03	26 03	17 03	25 02	27 06	25 08	28 18	28 24	...	...
Multan ...	11 05	13 06	14 06	23 12	26 09	30 09	24 26	27 32	28 33	09 07	04 02	01 03	27 11	25 01	25 07	06 03	35 02	01 01	28 03	26 08	31 12	29 21	29 24	29 25	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	31 06	33 05	30 07	31 30	30 40	29 37	...	...	...	29 04	35 07	31 17	...	...	...	29 04	28 02	32 09	31 35	31 43	31 80	30 64	...
Peshawar ...	...	28 03	29 07	35 10	03 04	21 05	28 12	28 15	...	...	30 04	03 04	28 02	21 01	29 06	...	30 02	01 04	11 04	14 04	15 04	24 10	29 23	...	...	...
Quetta ...	...	...	...	...	29 06	29 10	...	...	...	...	...	...	...	27 04	29 17	...	...	...	...	29 15	30 30	30 46	30 57	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	21 08	20 05	19 05	14 08	10 05	...	...	...	...	...	...	...	...	...	...	...	12 02	13 03	30 05	28 02	29 16	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	36 07	30 08	32 07	32 04	32 05	02 12	30 28	30 35	30 42	30 72	30 92	00 72	...	...	...	...	...	...
Peshawar ...	...	31 08	20 06	25 04	29 06	28 07	32 15	34 18	34 21	28 27	26 37	28 52	...	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

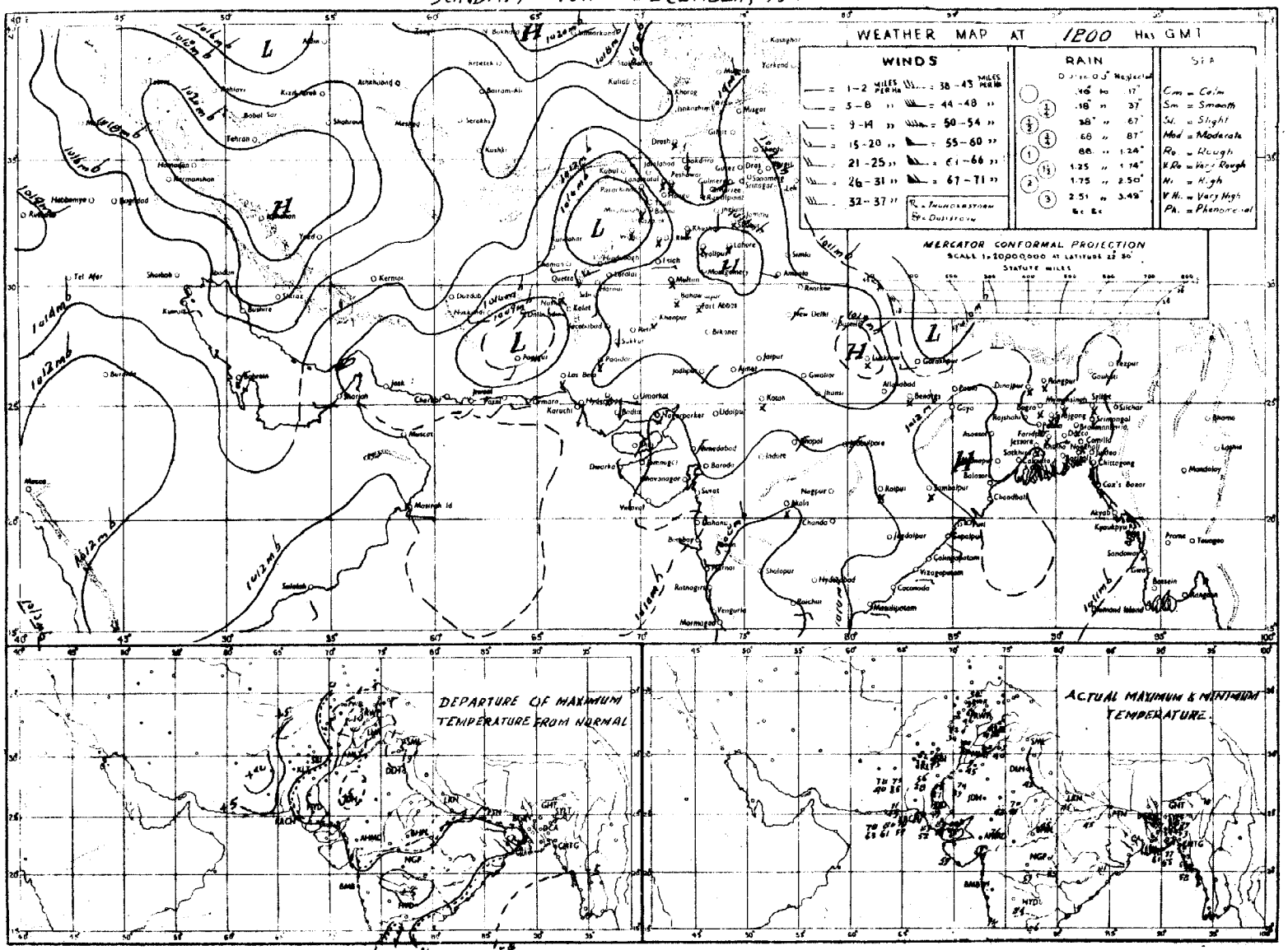
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 530 31 502

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Control, Airfare, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

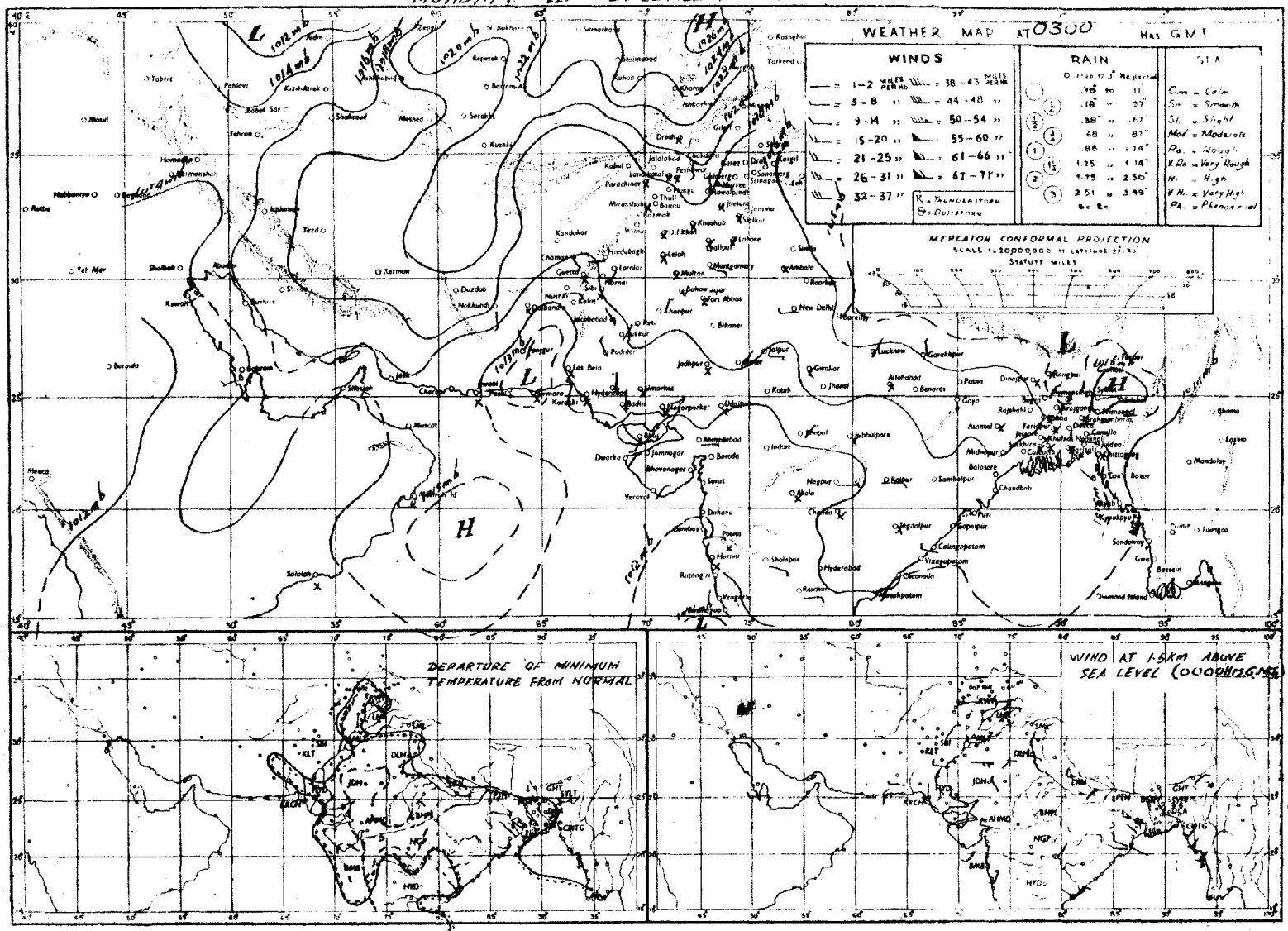
SUNDAY, 10th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to last 24 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY, 11st DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Reg. No. S-1457
Volume No. 15

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 12th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area over D. I. Khan division became unimportant.

A secondary western disturbance has approached Quetta and Kalat divisions.

Weather remained dry in the country.

Night temperatures were 3-5°F below normal in Rawalpindi division.

Forecast valid until the evening of 13th December, 1961:—Rain/thundershowers will be local in Quetta division and scattered in Rawalpindi, Peshawar, D. I. Khan, Kalat divisions and Kashmir with a few falls of snow in the hills.

Karachi-11
The 12th December, 1961.

ZARIF AHMED.
for Director, Meteorological Service.

OBSERVATIONS

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	[illegible]	[illegible]	[illegible]	[illegible]	xx	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59	79
	Cox's Bazar	000	0	1	34	05	xx	02	0	116	70	1	0	9	4	0	60	78
	Chittagong	000	0	0	00	00	xx	02	0	123	69	0	0	9	0	0	57	77
	Malidae Court	000	0	0	36	02	xx	10	0	123	70	0	0	9	0	0	56	77
	Comilla	000	0	0	00	00	xx	00	0	120	68	0	0	9	0	0	49	79
	Brahmanbaria	000	0	0	00	00	xx	00	0	125	69	0	0	9	0	0	57	77
	Sylhet	000	0	1	00	00	xx	02	1	116	68	1	1	6	0	0	59	79
	Srimangal	000	0	0	00	00	xx	00	0	xxx	57	0	0	9	0	0	55	79
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	178	70	0	0	9	0	0	56	77
	Narayanganj	000	0	2	00	00	xx	05	4	125	71	0	0	9	0	1	58	80
	Dacca (Tergaon)	000	0	1	00	00	xx	02	0	122	67	1	1	6	0	0	57	78
	Faridpur	000	0	0	00	00	95	05	0	125	70	0	0	9	0	0	60	76
Khulna	Barisal	000	0	0	00	00	96	02	1	113	74	0	0	9	0	0	73	79
	Khulna	000	0	0	00	00	xx	00	8	119	71	0	0	9	0	0	63	78
	Satkhira	000	0	0	00	00	xx	00	0	130	73	0	0	9	0	0	59	80
	Jessore	000	0	0	36	02	97	00	0	130	68	0	0	9	0	0	58	77
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	126	69	0	0	9	0	0	61	xx
	Sirajganj	000	0	0	00	00	xx	00	0	126	67	0	0	9	0	0	60	78
	Bogra	000	0	0	00	00	xx	00	0	123	71	0	0	9	0	0	59	78
	Dinajpur	000	0	0	00	00	xx	00	0	122	70	0	0	9	0	0	56	81
	Rangpur	000	0	1	00	00	xx	01	4	111	66	0	0	9	1	0	59	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	02	0	146	63	4	0	9	7	0	44	67
	Sialkot	000	0	4	00	00	97	01	1	151	62	4	0	9	3	0	46	65
Rawalpindi	Jhelum	000	0	2	18	02	97	02	0	137	64	2	0	9	7	0	45	71
	Rawalpindi	000	0	2	00	00	98	01	2	155	57	1	0	9	3	8	47	66
	Campbellpur	000	0	0	36	02	97	00	0	151	60	0	0	9	0	0	35	63
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	4	00	00	96	01	0	144	65	0	0	9	0	3	40	65
Multan	Montgomery	000	0	0	00	00	96	00	0	152	67	0	0	9	0	0	50	71
	Multan	000	0	0	00	00	97	02	0	147	66	0	0	9	0	0	39	70
	Leiah	000	0	0	36	02	97	00	0	137	65	0	0	9	0	0	28	73
Bahawalpur	Khanpur	000	0	0	00	00	99	00	0	141	67	0	0	9	0	0	40	72
	Bahawalpur	000	0	0	00	00	98	00	0	217	66	0	0	9	0	0	53	71
	Fort Abbas	000	0	0	00	00	98	00	0	194	62	0	0	9	0	0	50	71
Peshawar	Chakdara	000	0	0	13	01	96	00	0	147	59	0	0	9	0	0	31	60
	Peshawar	000	0	1	00	00	96	04	1	157	60	1	1	7	0	0	41	67
	Haripur	000	0	0	31	02	97	00	0	150	63	6	0	9	0	0	37	66
D. I. Khan	Bannu	000	0	4	13	02	99	01	2	151	63	0	0	9	0	4	41	62
	D. I. Khan	000	0	4	00	00	98	02	0	xxx	64	0	0	9	0	1	44	70
Quetta	Sibi	000	0	0	13	03	98	00	0	136	73	0	0	9	0	0	32	74
Kalat	Nokkundi	000	0	0	18	03	98	02	0	100	74	0	0	9	0	0	39	78
	Turbat	000	0	0	29	02	98	00	0	102	83	0	0	9	0	0	49	85
	Jiwani	000	0	2	23	05	96	02	0	117	76	1	5	6	0	1	62	79
	Pasni	000	0	2	20	09	98	02	1	112	77	0	0	9	3	0	69	83
Karachi Division	Ormara	000	0	1	18	02	96	01	1	110	77	1	1	6	0	1	66	79
	Lasbela	000	0	0	00	00	98	00	0	186	83	0	0	9	0	0	54	66
	Karachi (Manora)	000	0	3	23	12	98	01	1	111	77	0	0	9	0	3	65	83
	Karachi (Airport)	000	0	1	23	03	96	02	0	117	76	0	0	9	0	1	61	82
Hyderabad	Nagarparkar	000	0	0	09	01	97	00	0	087	79	0	0	9	0	0	53	82
	Umerkot	000	0	0	29	01	98	02	0	110	77	0	0	9	0	0	42	81
	Hyderabad	000	0	0	36	02	97	00	0	123	74	0	0	9	0	0	45	80
	Badin	000	0	0	36	02	97	00	0	122	79	0	0	9	0	0	61	82
Khairpur	Padidan	000	0	0	36	03	97	02	0	127	72	0	0	9	0	0	32	74
	Nawabshah	000	0	0	31	03	97	02	0	142	74	0	0	9	0	0	34	75
	Sukkur	000	0	0	02	03	96	02	0	127	73	0	0	9	0	0	44	74
	Kashmore	000	0	0	00	00	99	00	0	190	69	0	0	9	0	0	21	78
	Jacobabad	000	0	0	13	02	97	02	0	134	73	0	0	9	0	0	28	75
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leh **																	
	Skardu *	000	0	6	00	00	96	01	2	451	36	2	7	4	7	0	21	38
	Misgar **	000	0	8	09	02	95	03	0	048	24	0	0	9		0	12	26
	Aliabad *																	
	Gilgit *	000	0	5	00	00	98	01	1	517	44	5	5	8	0	0	22	49
Rawalpindi	Murree *	000	9	5	09	05	96	02	1	497	36	0	0	9	5	0	24	44
Peshawar	Drosh *	000	8	4	00	00	96	01	5	514	41	4	8	7	0	0	29	51
	Cherat *	000	0	0	31	05	98	00	1	520	46	0	0	9	0	0	37	54
	Kakul *	000	0	6	05	07	97	02	5	498	45	4	9	6	2	0	29	65
	Landikotal *	000	0	2	23	02	98	01	1	490	54	2	0	9	3	0	54	55
	Parachinar *	000	0	4	13	01	99	00	0	502	43	4	0	9	0	0	27	51
D. I. Khan	Miranshah *	000	0	2	05	05	99	02	0	490	58	2	4	9	0	0	31	62
	Wana *	000	0	6	00	00	99	03	1	513	51	6	0	9	5	0	17	xx
Quetta	Fort Sandeman *	000	0	2	00	00	99	01	0	491	56	2	0	9	3	0	31	59
	Hindubagh *	000	0	2	27	10	97	00	0	456	52	0	0	8	0	8	14	53
	Loralai *	000	0	3	20	03	99	00	1	376	54	0	0	9	1	1	27	59
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	1	31	02	96	02	0	482	56	1	1	5	0	0	30	59
	Chaman *	000	0	0	27	07	98	00	0	479	60	0	0	9	0	0	12	62
	Nushki *	000	0	0	27	08	98	02	0	534	67	0	0	9	0	0	40	69
	Dalbandin *	000	0	1	23	05	98	03	0	493	70	1	6	9	3	0	27	73
Kalat	Kalat *	000	0	0	31	05	98	00	0	481	48	0	0	9	0	0	15	54
	Panjgur *	000	0	3	23	02	98	02	0	497	71	0	0	9	0	3	30	71
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	030	4	9	36	02	94	43	4	185	64	9	x	0	x	x	61	60
	Cox's Bazar	000	0	0	36	09	97	02	0	163	71	0	0	9	0	0	59	59
	Chittagong	000	0	0	05	03	96	00	0	172	69	0	0	9	0	0	61	54
	Malidae Court	000	0	0	00	00	98	00	0	171	67	0	0	9	0	0	59	53
	Comilla																	
	Brahmanbaria	000	0	0	36	02	97	00	1	177	69	0	0	9	0	0	71	56
	Sylhet	000	0	0	00	00	97	02	0	161	66	5	0	9	0	0	57	53
	Srimangal	000	0	0	00	00	95	00	0	xxx	65	0	0	9	0	0	58	47
Dacca	Mymensingh	000	0	2	13	02	97	01	0	179	65	0	0	9	0	4	60	57
	Narayanganj	000	9	2	07	02	96	03	0	176	71	1	0	9	3	8	59	58
	Dacca (Tergaon)	000	0	1	00	00	95	05	0	173	69	1	0	9	5	0	59	54
	Faridpur	000	0	2	00	00	96	05	0	175	69	2	4	8	0	0	61	54
Khulna	Barisal	000	0	0	05	02	97	02	4	172	68	0	0	9	0	0	61	57
	Khulna	000	0	0	00	00	97	00	4	173	70	0	0	9	0	0	61	57
	Satkhira	000	0	2	00	00	97	01	0	182	67	1	1	7	3	0	57	54
	Jessore	000	0	0	05	02	97	00	0	174	67	0	0	9	0	0	59	52
Rajshahi	Pabna	000	0	4	00	00	93	10	1	174	69	0	0	9	6	0	61	57
	Sirajganj	000	0	8	00	00	96	02	1	174	69	8	0	9	0	4	63	58
	Bogra	000	0	5	05	02	96	03	1	172	65	2	0	9	3	1	59	56
	Dinajpur	000	0	0	00	00	96	00	0	176	66	0	0	9	0	0	55	51
	Rangpur	000	0	4	05	03	96	42	4	178	62	4	0	9	1	0	55	53
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	198	43	0	0	9	0	0	37	40
	Sialkot	000	0	0	00	00	97	00	0	193	51	0	0	9	0	0	43	42
Rawalpindi	Jhelum	000	0	2	36	02	95	10	0	201	44	0	0	9	0	1	37	40
	Rawalpindi	000	0	2	27	02	99	01	0	217	37	0	0	9	4	4	35	35
	Campbellpur	000	0	2	05	02	99	00	0	223	42	0	0	9	0	0	37	xx
Sargodha	Khushab	000	0	0	00	00	96	00	0	191	45	0	0	9	0	0	34	40
	Lyallpur	000	0	0	00	00	94	04	4	197	44	0	0	9	0	0	42	40
Multan	Montgomery	000	0	0	00	00	95	05	0	203	44	0	0	5	0	0	42	41
	Multan	000	0	3	00	00	98	03	0	205	5[illegible]	0	0	9	0	1	39	44
	Leiah	000	0	0	36	01	97	00	0	183	38	0	0	9	0	0	26	35
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	206	45	0	0	9	0	0	36	40
	Bahawalpur	000	0	0	00	00	98	00	0	187	50	0	0	9	0	0	29	41
	Fort Abbas	000	0	0	09	02	98	00	0	212	45	0	0	9	0	0	38	41
Peshawar	Chakdara	000	0	0	18	02	97	00	0	221	38	0	0	9	0	0	30	35
	Peshawar	000	0	6	13	03	97	03	0	219	42	1	0	9	3	1	36	39
	Haripur	000	0	4	13	05	97	03	1	212	42	4	0	9	0	5	39	39
D. I. Khan	Bannu	000	0	2	31	02	99	01	1	207	44	0	0	9	0	4	35	43
	D. I. Khan	000	0	2	00	00	98	01	1	204	44	0	0	9	0	2	32	40
Quetta	Sibi	000	0	6	00	00	97	02	2	206	45	0	0	8	0	3	32	43
Kalat	Nokkundi	000	0	0	09	03	98	02	0	165	54	0	0	9	0	0	31	45
	Turbat	000	0	2	18	02	98	01	0	159	64	0	0	9	0	1	59	xx
	Jiwani	000	0	5	00	00	97	02	0	164	66	3	5	6	0	2	63	63
	Pasni	000	0	6	29	02	97	03	2	151	64	0	0	9	4	3	61	62
Karachi Division	Ormara	000	0	3	00	00	96	03	1	157	66	3	1	6	0	1	64	62
	Lasbela	000	0	2	00	xx	97	00	0	196	62	0	0	8	2	3	49	55
	Karachi (Manora)	000	0	3	01	14	97	01	1	171	61	0	0	9	0	4	47	59
	Karachi (Airport)	000	0	2	36	02	96	03	0	180	57	0	0	9	0	1	54	52
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	144	60	0	0	9	0	0	46	xx
	Umerkot	000	0	0	02	01	97	02	0	173	50	0	0	9	0	0	51	45
	Hyderabad	000	0	5	36	05	96	03	1	189	55	0	0	8	0	1	39	53
	Badin	000	0	0	36	02	97	00	0	173	52	0	0	9	0	0	43	49
Khairpur	Padidan	000	0	2	31	03	96	01	0	200	45	1	0	9	1	8	39	42
	Nawabshah	000	0	3	00	00	97	03	0	197	47	0	0	9	0	1	40	46
	Sukkur	000	0	0	02	03	96	02	0	198	52	0	0	9	0	0	36	50
	Kashmore	000	0	0	00	00	99	00	0	171	49	0	0	9	0	1	33	37
	Jacobabad	000	0	2	31	02	96	03	0	207	48	0	0	9	0	0	36	45
Junagadh	Veraval	000	0	1	05	08	97	02	0	142	68	0	1	9	0	1	34	60
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	000	0	7	00	00	96	01	2	556	36	7	1	6	0	0	34	34
	Gulmarg **																	
	Sonamarg **																	
	Dras **	000	0	8	00	00	93	03	2	404	34	1	3	4	3	3	xx	xx
	Leh **																	
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **	000	0	1	27	02	96	01	0	093	21	0	0	9	4	0	04	09
	Aliabad *																	
	Gilgit *	000	0	7	00	00	98	03	1	576	35	7	5	8	0	0	30	32
Rawalpindi	Murree *	000	9	3	11	05	97	01	1	434	35	0	0	9	0	4	15	30
Peshawar	Drosh *	000	5	0	00	00	96	03	0	568	22	0	0	9	0	0	17	32
	Cherat *	000	0	1	29	11	98	03	1	528	43	3	0	8	0	0	36	39
	Kakul *	000	9	2	31	03	97	01	1	529	40	0	0	9	0	1	27	38
	Landikotal *	000	0	2	00	00	99	03	0	507	32	0	0	9	0	4	29	31
	Parachinar *	000	0	2	00	00	99	00	0	516	[illegible]	2	0	9	2	0	29	36
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	503	37	0	0	9	0	0	26	33
	Wana *	000	0	0	00	00	99	00	0	515	36	0	0	9	0	0	23	31
Quetta	Fort Sandeman *	000	0	0	00	00	98	01	0	525	36	0	0	9	0	0	21	33
	Hindubagh *	000	0	0	27	02	97	00	0	493	35	0	0	9	0	0	02	21
	Loralai *	000	0	5	25	02	99	00	2	343	31	0	0	9	1	2	22	28
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	6	18	02	96	03	1	522	41	0	0	9	0	1	19	25
	Chaman *	000	0	6	09	07	98	07	1	504	48	6	0	9	2	0	16	42
	Nushki *	000	0	3	09	13	98	03	0	554	57	3	0	9	0	4	35	45
	Dalbandin *	000	0	3	05	03	97	03	0	483	39	1	0	9	3	1	20	37
Kalat	Kalat *	000	0	0	18	07	98	0	0	532	28	0	0	9	0	0	28	27
	Panjgur *	000	0	3	05	02	98	2	0	499	45	1	6	9	0	7	42	44
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	— 2	0	0.9	— 2.8	156.7	140
	Chittagong	— 2	— 4	0.1	— 2.5	[illegible]	108
	Malidae Court	— [illegible]	— 6	0	— 1.8	122.6	115
	Comilla	0					94
	Brahmanbaria	—	—	0	—	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 2	— 2	1.0	— 0.6	52.1	98
Dacca	Mymensingh	0	+ 2	0.3	— 0.7	62.1	91
	Narayanganj	+ 2	+ 1	0.4	— 0.7	73.0	74
	Dacca (Tergaon)			0	—	81.2	—
	Faridpur	0	— 1	0	— 1.2	57.6	71
Khulna	Barisal	+ 1	+ 1	0	— 1.8	65.4	81
	Khulna	0	+ 2	0	— 1.2	57.3	68
	Satkhira	0	+ 1	0	— 1.8	54.3	65
	Jessore	— 1	3	0	— 1.0	59.0	65
Rajshahi	Pabna	—	—	0.1	—	50.5	59
	Sirajganj	+ 1	+ 3	0.7	— 0.1	50.0	64
	Bogra	+ 1	+ 1	0.3	— 0.5	53.6	69
	Dinajpur	+ 4	0	0	— 0.4	51.7	72
	Rangpur	+ 3	+ 1	0.1	— 0.4	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 6	0	0	— 0.3	51.2	19
	Sialkot	— 5	0	0.9	+ 0.6	35.9	32
Rawalpindi	Jhelum	—	—	1.0	—	35.7	
	Rawalpindi	— 2	— 2	1.7	+ 1.1	53.9	36
	Campbellpur	—	—	0.8	—	17.6	—
Sargodha	Khushab		— 2	0	— 0.1	11.2	18
	Lyallpur	— 5	— 1	0.1	— 0.1	13.9	12
Multan	Montgomery	— 2	— 1	0.1	0	10.2	10
	Multan	— 2	+ 1	0	— 0.1	7.5	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 4	— 4	0	— 0.1	12.6	6
	Bahawalpur	— 3	— 2	0	— 0.1	4.9	6
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	2.3	—	27.6	—
	Peshawar	0	— 2	1.4	+ 0.9	19.2	11
	Haripur	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	—	—	0.5	—	14.4	11
	D. I. Khan	— 3	— 1	0	— 0.2	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	+ 6	+ 5	0	— 0.5	5.4	4
Karachi Division	Ormara	—	—	0	— 0.1	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 4	— 1	0	— 0.1	9.9	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	+ 1	+ 1	0	— 0.1	12.9	7
	Badin	+ 1	— 2	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	0	— 1	0	— 0.1	8.3	4
Junagadh	Veraval		—	—	—	—	20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *		—	—	—	—	26
	Gulmarg **						—
	Sonamarg **						71
	Dras **	—	—	—	—	—	26
	Leh **						3
	Skardu *	—					6
	Misgar **	—	—	—	—	—	—
	Aliabad *						—
	Gilgit *	—	—	—	—	—	5
Rawalpindi	Murree *	— 1	— 5	3.2	+ 2.0	72.5	59
Peshawar	Drosh *	— 1	— 3	0.9	—	23.9	18
	Cherat *	— 1	— 4	1.7	+ 0.9	35.2	29
	Kakul *	—	—	3.7	—	40.0	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	— 4	+ 4	0.6	—	29.8	29
D. I. Khan	Miranshah *	—	—	0.1	— 0.1	7.8	13
	Wana *	—	—	0.5	—	11.9	11
Quetta	Fort Sandeman *	+ 1	— 1	0.1	— 0.1	11.3	11
	Hindubagh *	—	—	0.1	—	5.9	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	— 0.4	34.7	14
	Quetta *	—	—	0.4	— 0.3	6.7	9
	Chaman *	+ 5	+ 5	0.5	— 0.5	6.8	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	+ 10	0	0.2	0	2.8	4
Kalat	Kalat *	— 1	+ 1	0.2	— 0.3	13.1	7
	Panjgur *	+ 6	+ 3	0.2	—	5.2	8
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 12th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_lhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	OT,$T_aT_dT_d$	$fd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Malankerk	23 226	738 00	3 00 00	96 0 21	086 82	9x 4 xx	65 3 02	...	05 2,,72	10 0 x0
Vellein	23 211	606 06	0 99 02	99 0 10	163 77	00 9 00	76 2 18	...	05 1 xx	10 0 x0
Victoria	23 210	615 06	0 05 05	99 0 00	188 79	00 9 00	16 4 20	...	00 0,,66	10 0 00
Asia	23 193	590 12	0 00 00	96 0 00	133 79	00 9 00	57 3 00	...	00 0 79	10 0 xx
Victoria	23 221	631 12	6 04 05	98 0 31	148 81	21 5 00	16 5 13	...	00 2 64	10 4 xx
Vilicia	23 248	583 12	2 18 05	99 0 20	136 79	11 4 08	96 6 13	...	00 0 65	11 8 21
Manttore	23 177	646 18	3 03 05	98 0 20	119 79	37 5 00	75 1 13	...	00 1 66	
Victoria	23 233	646 18	0 06 04	97 0 00	162 xx	00 9 00	16 5 10	...	00 2 64	10 0 xx
British History	23 261	567 18	0 18 05	99 0 20	130 75	00 9 00	24 4 00	...	03 3 65	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTTdTdTd					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	014 138 118	126 182 132	...	146 098 045	...	309 015 959	432 608 318	571 682 725	745 772 878	967 905	205 035	...	...
Dacca ...														
Jhenai ...	00 00	012 175 072	135 212 052	...	150 128 038	...	311 036 999	435 518 999	578 588 999	747 693 999	955 848	...	...	...
Karachi ...	00 00	993 128 062	...	...	160 078 015	...	317 542 999	437 605 999	575 698 999	748 772 999	...	...	...	...
Lahore ...														
Multan ...	00 00	976 072 002	...	...	150 105 512	...	311 022 575	431 552 652	570 672 762	734 748 999	940 808 999	...	...	...
Peshawar ...	00 00	833 022 512	...	...	...	...	307 568 999	425 670 999	558 798 999	715 855 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 135 078	850 098 045	...	...	...	...	...	...	...	850 098 045	...	...
Dacca ...													
Jhenai ...	00 00	900 135 018	800 085 518	...	...	...	...	...	...	...	800 085 518	...	...
Karachi ...	00 00	900 118 038	800 042 518	...	...	...	...	...	...	...	800 042 518	...	...
Lahore ...													
Multan ...	00 00	920 132 018	900 128 015	800 032 405	...	...	...	...	...	...	800 032 405	...	...
Peshawar ...	09 00	817 018 525	803 505 542	...	...	...	...	...	...	...	800 505 542	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT: TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)
St – Character of tropopause

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																										
Chaldia ...																										
Chhor ...																										
Chittagong ...																										
Cox's Bazar ...																										
Dacca ...																										
Dalhandie ...																										
D. I. Khan ...																										
Dreah ...																										
Fort Sandeman ...																										
Jacobabad ...																										
Jessore ...																										
Jhelum ...																										
Jiwani ...																										
Karachi ...																										
Khanpur ...																										
Lahore ...																										
Multan ...																										
Muscat ...																										
Panjgur ...																										
Peshawar ...																										
Quetta ...																										
Sharah ...																										
Sylhet ...																										
Veraval ...																										

*The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	03 13	06 13	08 10	07 06	07 07	33 12	31 17	30 24	30 24	30 51	29 65	80 03	...	...	...	...	...	...
Peshawar ...	...	33 07	27 04	34 02	34 03	32 06	30 13	28 17	30 31	30 40	30 53	33 74						
Quetta ...																		

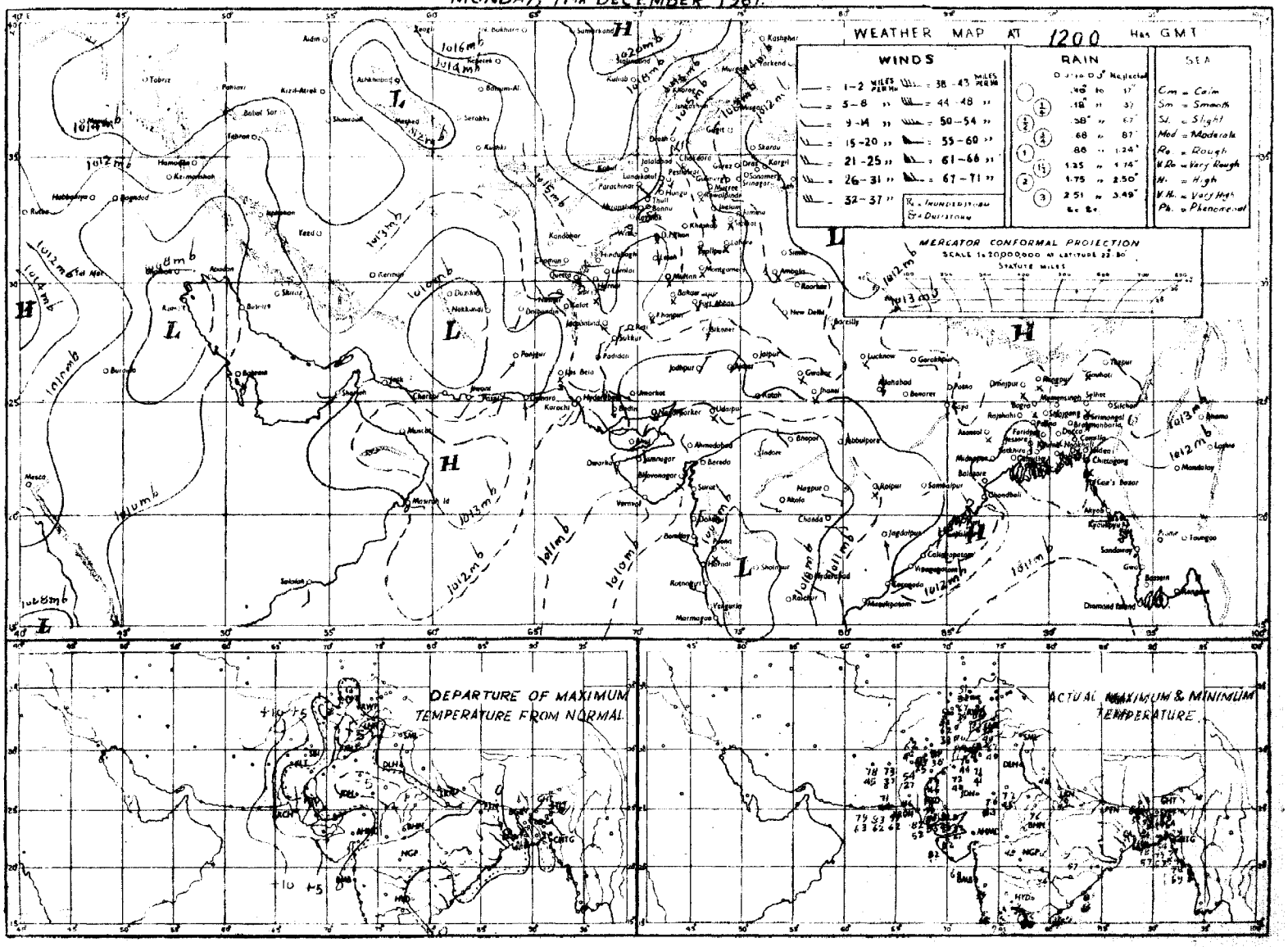
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Control, Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

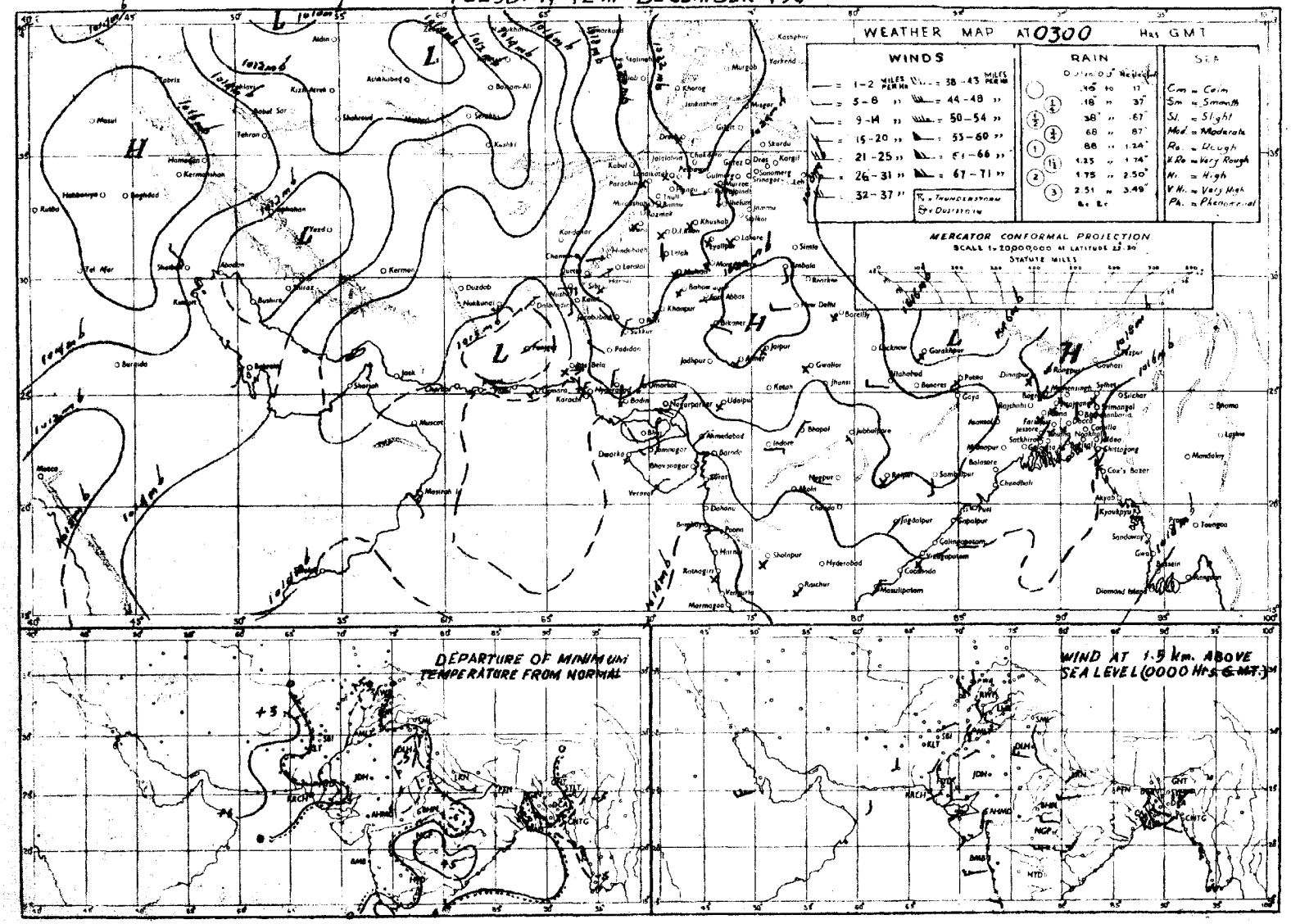
MONDAY, 11th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY, 12th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 13th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance now lies over Quetta and D. I. Khan divisions and is less marked. Another lies over East Iran and adjoining Afghanistan. A western disturbance is affecting southeast Iraq and Persian Gulf.

Scattered rain has been reported from Quetta division and light rain/drizzle from Rawalpindi division.

Night temperatures were 4-8°F above normal in Quetta and D. I. Khan divisions.

Forecast valid until the evening of 14th December, 1961:—Rain/thundershowers will be scattered in Rawalpindi, Peshawar, Quetta, D. I. Khan divisions and in Kashmir with a few falls of snow over the hills.

Karachi-11
The 13th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	03	0	142	71	9	x	0	x	x	60	80
	Cox's Bazar	000	0	1	34	05	xx	02	0	129	71	0	0	9	0	8	60	80
	Chittagong	030	0	0	27	03	96	00	0	135	69	0	0	9	0	0	60	79
	Maijdee Court	000	0	0	00	00	96	10	0	133	67	0	0	9	0	0	57	78
	Comilla	000	0	3	00	00	96	03	1	121	71	3	4	7	0	0	59	80
	Brahmanbaria	000	0	6	00	00	xx	03	1	136	70	6	0	9	4	0	59	78
	Sylhet	000	0	4	00	00	xx	01	1	135	67	x	1	9	1	7	xx	79
	Srimangal	000	6	x	09	02	xx	03	2	xxx	64	x	x	0	x	x	60	79
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	139	71	0	0	9	0	0	61	76
	Narayanganj	000	0	7	00	00	xx	03	0	133	71	7	5	5	0	0	57	81
	Dacca (Tezgaon)	000	0	6	00	00	96	02	1	129	69	0	0	9	3	0	60	79
	Faridpur	000	0	3	00	00	95	01	0	151	72	3	4	8	0	0	59	77
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	0	00	00	xx	00	0	132	71	0	0	9	0	0	54	79
	Satkhira	000	0	4	00	00	94	03	2	130	73	2	2	6	3	0	59	81
	Jessore	000	0	0	36	02	97	00	0	139	68	0	0	9	0	0	61	77
Rajshahi	Pabna	000	0	4	00	00	xx	01	1	139	69	1	1	7	0	8	61	78
	Sirajganj	000	0	2	00	00	xx	02	1	134	67	2	1	4	0	0	60	78
	Bogra	000	0	5	00	00	xx	01	2	134	70	2	4	6	3	1	60	77
	Dinajpur	000	0	0	00	00	xx	00	1	137	66	0	0	9	0	0	55	77
	Rangpur	000	0	7	00	00	xx	01	4	137	67	7	0	9	2	0	59	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	1	00	00	96	01	1	174	65	1	0	9	1	0	44	71
	Sialkot	000	0	0	00	00	97	00	0	165	64	0	0	9	0	0	50	70
Rawalpindi	Jhelum	000	0	3	31	02	97	03	0	168	66	0	0	9	0	4	43	73
	Rawalpindi	000	0	2	00	00	98	02	1	186	56	1	0	9	4	4	47	66
	Campbellpur	000	0	2	05	02	98	03	2	182	60	0	0	9	0	0	35	64
Sargodha	Khushab	000	0	0	00	00	99	00	0	175	67	0	0	9	0	0	39	71
	Lyallpur	000	0	0	00	00	96	00	0	180	66	0	0	9	0	0	39	67
Multan	Montgomery	000	0	0	00	00	96	00	0	181	65	0	0	9	0	0	54	70
	Multan	000	0	6	00	00	97	03	1	180	66	0	0	9	0	2	44	71
	Leiah	000	0	4	36	02	97	01	0	185	66	0	0	9	0	4	47	72
Bahawalpur	Khanpur	000	0	7	05	03	96	05	0	180	66	3	0	9	4	1	30	71
	Bahawalpur	000	0	0	00	00	98	00	0	262	69	0	0	9	0	0	51	71
	Fort Abbas	000	0	0	36	02	98	00	0	206	xx	0	0	9	0	0	48	71
Peshawar	Chakdara	000	0	0	13	01	96	00	0	163	58	0	0	9	0	0	32	53
	Peshawar	000	0	6	00	00	96	04	1	198	59	2	0	9	3	4	43	66
	Haripur	000	0	0	09	02	97	00	0	193	56	0	0	9	0	0	39	67
D. I. Khan	Bannu	000	0	4	18	02	99	01	1	182	63	0	0	9	0	4	43	64
	D. I. Khan	000	6	4	00	00	98	02	0	189	66	0	0	9	0	1	49	72
Quetta	Sibi	000	9	8	18	03	98	02	2	182	69	0	0	6	5	0	34	71
Kalat	Nokkundi	000	0	0	11	03	98	02	0	193	75	0	0	9	0	0	48	76
	Turbat	000	0	2	29	03	98	02	1	134	80	0	0	9	0	1	52	83
	Jiwani	000	0	5	13	09	98	03	1	156	76	5	5	6	0	0	63	78
	Pasni	000	8	4	16	05	98	02	1	153	76	0	0	9	0	0	67	78
Karachi Division	Ormara	000	0	4	23	03	96	03	1	152	77	4	1	5	0	0	61	80
	Lasbela	000	0	0	00	xx	98	00	0	132	81	0	0	9	0	0	69	84
	Karachi (Manora)	000	0	4	12	10	98	01	1	146	75	0	0	9	0	1	65	82
	Karachi (Airport)	000	0	0	05	05	96	02	0	157	78	0	0	9	0	0	37	81
Hyderabad	Nagarparkar	000	0	0	05	03	97	00	0	154	77	0	0	9	0	0	52	80
	Umerkot	000	0	5	02	01	98	02	0	142	80	0	0	9	0	0	42	83
	Hyderabad	000	0	5	36	02	97	02	2	159	72	0	0	8	0	1	45	78
	Badin	000	0	0	36	02	97	00	0	153	78	0	0	9	0	0	43	82
Khairpur	Padidan	000	0	6	36	05	97	03	0	171	72	0	0	9	0	6	39	74
	Nawabshah	000	0	3	36	03	97	03	0	166	73	0	0	9	0	1	41	75
	Sukkur	000	7	8	36	03	96	03	2	170	71	8	0	9	8	0	49	74
	Kashmore	000	0	4	00	00	99	02	2	188	65	4	1	6	0	0	03	75
	Jacobabad	000	0	1	02	02	96	02	0	181	65	0	0	9	0	2	39	71
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	7	27	03	97	03	1	538	41	4	8	5	3	0	32	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **	000	0	1	09	02	95	00	0	093	72	0	0	9	4	0	56	86
	Aliabad *																	
	Gilgit *	000	0	1	00	00	98	01	0	589	43	1	5	8	0	0	20	54
Rawalpindi	Murree *	004	3	5	07	02	xx	xx	x	528	37	0	0	9	4	8	24	45
Peshawar	Drosh *	000	2	7	00	00	96	03	..	539	45	3	5	7	3	0	14	52
	Cherat *	000	0	6	05	09	98	03	2	539	47	6	0	0	3	0	43	51
	Kakul *	000	5	5	05	03	97	02	2	515	49	4	7	6	2	0	31	56
	Landikotal *	000	0	6	23	02	97	03	1	521	50	0	0	9	0	8	35	55
	Parachinar *	000	0	4	13	01	99	00	0	513	49	4	0	9	4	0	33	51
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	518	58	0	0	9	0	0	34	61
	Wana *	000	0	5	00	00	95	01	1	513	51	8	0	9	1	0	17	56
Quetta	Fort Sandeman *	000	0	4	29	01	99	03	0	520	57	4	0	9	3	0	25	61
	Hindubagh *	000	6	6	09	09	97	00	0	401	53	0	0	8	0	2	17	52
	Loralai *	000	0	7	13	03	98	02	2	355	52	0	4	8	2	1	31	57
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	9	7	18	02	97	03	2	493	55	0	3	5	0	0	34	57
	Chaman *	000	0	7	23	07	98	02	1	493	62	7	0	9	2	0	12	65
	Nushki *	000	0	5	18	13	98	03	0	537	68	5	0	9	6	0	53	70
	Dalbandin *	000	8	5	23	05	95	01	1	501	70	0	0	9	0	6	39	74
Kalat	Kalat *	000	0	0	18	05	98	00	0	488	52	0	0	9	0	0	27	55
	Panjgur *	000	0	2	23	09	98	02	0	508	68	0	0	9	3	0	41	74
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	5	0	36	05	96	00	4	186	65	0	0	9	0	0	63	60
	Cox's Bazar	000	0	0	36	05	97	02	0	157	70	0	0	9	0	0	60	60
	Chittagong	000	0	0	02	02	96	00	0	171	68	0	0	9	0	0	59	55
	Maijdee Court	000	9	0	00	00	95	10	4	170	67	0	0	9	0	0	59	55
	Comilla	000	0	0	00	00	97	07	0	158	69	[illegible]	0	9	0	0	57	55
	Brahmanbaria	000	0	2	00	00	97	03	1	176	69	2	0	9	4	0	59	56
	Sylhet	000	0	0	09	05	96	02	0	174	65	0	0	9	0	0	56	55
	Srimangal	000	0	0	33	05	95	00	0	xxx	63	0	0	9	0	0	59	48
Dacca	Mymensingh	000	0	4	13	02	97	01	1	180	62	4	4	4	0	2	59	57
	Narayanganj	000	9	0	00	00	94	42	4	171	65	0	0	9	0	0	59	58
	Dacca (Tezgaon)	000	9	1	36	02	96	01	1	170	65	1	0	9	4	0	58	53
	Faridpur	000	0	1	34	02	94	05	0	167	66	0	0	9	0	0	57	56
Khulna	Barisal	000	0	0	00	00	97	02	2	170	68	0	0	9	0	0	59	58
	Khulna	000	0	0	00	00	97	00	0	178	70	0	0	9	0	0	63	59
	Satkhira	000	0	0	00	00	97	00	0	176	65	0	0	9	0	0	58	55
	Jessore	000	0	0	05	03	97	00	0	177	65	0	0	9	0	0	56	53
Rajshahi	Pabna	000	0	3	36	05	93	10	0	178	64	3	8	7	0	0	58	56
	Sirajganj	000	0	6	00	00	96	03	2	175	64	6	0	9	4	0	57	57
	Bogra	000	9	3	36	02	96	02	6	176	64	3	5	6	0	0	57	57
	Dinajpur	000	0	0	00	00	96	00	0	175	60	0	0	9	0	0	51	50
	Rangpur	000	8	4	05	02	96	03	0	176	61	4	0	9	3	0	57	53
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	94	10	0	189	46	1	0	9	1	1	39	41
	Sialkot	000	0	4	00	00	97	01	1	185	50	x	x	x	x	x	40	43
Rawalpindi	Jhelum	000	0	3	00	00	96	02	0	194	48	2	0	9	7	1	33	41
	Rawalpindi	000	0	7	00	00	96	10	2	199	42	6	5	6	6	0	37	35
	Campbellpur	000	0	8	23	02	98	05	2	211	43	0	0	9	0	0	41	40
Sargodha	Khushab	000	0	6	27	02	96	03	1	189	49	6	2	6	0	0	40	44
	Lyallpur	000	0	6	00	00	96	02	0	203	44	6	7	8	0	0	42	43
Multan	Montgomery	000	2	4	00	00	96	05	0	195	45	4	0	5	3	0	42	42
	Multan	000	0	6	00	00	97	03	1	202	47	0	0	9	0	2	40	42
	Leiah	000	0	3	31	02	97	00	0	183	40	0	0	9	0	4	32	37
Bahawalpur	Khanpur	000	0	2	00	00	95	05	0	197	49	0	0	9	0	1	41	42
	Bahawalpur	000	0	0	00	00	98	00	0	204	49	0	0	9	0	0	46	40
	Fort Abbas	000	0	0	18	02	98	00	0	210	71	0	0	9	0	0	41	48
Peshawar	Chakdara	000	0	5	13	01	96	03	0	218	39	5	0	9	3	0	34	35
	Peshawar	000	0	8	13	03	97	03	2	204	48	3	5	6	2	1	36	41
	Haripur	000	4	6	20	03	96	03	2	196	41	6	0	9	0	8	34	39
D. I. Khan	Bannu	000	0	8	00	00	98	02	2	197	51	0	0	9	8	0	36	44
	D. I. Khan	000	3	6	00	00	98	02	1	194	48	0	0	9	6	0	37	43
Quetta	Sibi	000	0	0	00	00	97	00	0	202	47	0	0	9	0	0	38	45
Kalat	Nokkundi	000	2	1	11	03	98	03	1	161	57	0	0	9	0	1	45	53
	Turbat	000	0	0	09	02	98	00	0	181	61	0	0	9	0	0	54	xx
	Jiwani	000	0	4	00	00	97	03	1	188	65	4	5	5	0	0	58	64
	Pasni	000	3	6	10	02	97	03	2	184	62	0	0	9	3	4	59	61
Karachi Division	Ormara	000	0	0	00	00	96	00	0	179	62	0	0	9	0	0	59	58
	Lasbela	000	0	0	00	xx	98	00	0	206	63	0	0	9	0	0	41	56
	Karachi (Manora)	000	0	4	36	12	95	05	1	186	62	0	0	9	0	0	44	58
	Karachi (Airport)	000	0	2	34	05	96	03	0	192	56	0	0	9	0	1	38	53
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	163	60	0	0	9	0	0	46	xx
	Umerkot	000	0	0	xx	00	97	02	0	182	51	0	0	9	0	0	27	46
	Hyderabad	000	0	2	36	05	97	03	0	197	55	0	0	8	0	1	41	52
	Badin	000	0	0	36	02	97	00	0	183	52	0	0	9	0	0	41	47
Khairpur	Padidan	000	0	0	05	03	96	02	0	199	50	0	0	9	0	0	41	44
	Nawabshah	000	0	0	00	00	96	02	0	201	49	0	0	9	0	0	41	48
	Sukkur	000	9	6	16	05	96	01	2	195	54	6	0	9	6	0	43	50
	Kashmore	000	0	6	00	00	99	02	3	203	49	6	1	4	0	0	31	36
	Jacobabad	000	0	4	00	00	97	02	2	204	51	0	0	9	0	5	42	51
Junagadh	Veraval	xxx	x	0	02	13	97	02	0	156	68	0	0	9	0	0	41	60
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	0	00	00	99	03	1	210	46	0	0	9	0	6	36	44
	Misgar **	0:0	0	2	27	02	96	01	0	115	xx	0	0	9	0	1	02	xx
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	590	31	0	0	9	0	0	29	29
Rawalpindi	Murree *	004	9	5	07	02	97	02	1	525	37	0	0	9	0	0	24	31
Peshawar	Drosh *	000	9	7	00	00	96	03	2	535	36	7	5	7	0	0	19	35
	Cherat *	000	0	8	34	13	98	03	2	529	45	8	7	6	0	0	41	40
	Kakul *	000	9	7	31	03	98	03	1	529	42	5	4	6	0	2	24	39
	Landikotal *	000	0	8	00	00	97	03	2	505	39	8	0	9	2	x	31	31
	Parachinar *	000	0	8	00	00	98	05	0	559	34	8	0	8	8	0	34	40
D. I. Khan	Miranshah *	000	0	8	00	00	98	02	3	512	45	8	4	8	0	0	30	33
	Wana *	000	0	4	00	00	99	00	1	505	45	0	0	9	1	0	30	29
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubagh *	014	0	8	13	01	95	00	0	508	35	8	8	4	0	0	27	26
	Loralai *	000	0	0	05	03	99	02	2	339	32	0	0	9	1	2	23	28
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	9	6	00	00	96	03	2	538	45	0	3	5	0	0	33	39
	Chaman *	003	1	8	18	05	97	07	6	518	51	8	2	4	0	0	41	44
	Nushki *	000	0	0	00	00	98	01	0	528	59	2	0	9	3	0	49	53
	Dalbandin *	000	9	4	36	02	96	03	1	504	49	0	0	9	0	6	41	46
Kalat	Kalat *	000	0	0	18	03	98	00	0	519	43	x	x	8	x	x	23	28
	Panjgur *	000	0	4	05	02	98	02	0	515	46	1	6	9	0	1	11	45
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall‡

DIVISIONS (1)	STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	0	+ 1	1.0	— 2.9	156.7	140
	Chittagong	0	— 3	0.1	— 2.5	170.7	108
	Maijdee Court	0	— 4	0	— 1.8	122.6	115
	Comilla	+ 1	0	—	—	—	94
	Brahmanbaria	—	—	0	— 7.3	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 2	— 1	1.0	— 0.6	52.1	98
Dacca	Mymensingh	— 1	— 2	0.3	— 0.7	62.1	91
	Narayanganj	+ 3	+ 1	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	+ 1	+ 1	0	— 1.2	87.6	71
Khulna	Barisal		+ 2	0	— 1.8	65.4	81
	Khulna	0	+ 4	0	— 1.2	57.3	68
	Satkhira	+ 1	+ 2	0	— 1.8	54.3	65
	Jessore	— 1	— 2	0	— 1.0	59.0	65
Rajshahi	Pabna	—	—	0.1	—	50.5	59
	Sirajganj	+ 1	+ 2	0.7	— 0.1	50.8	64
	Bogra	0	+ 2	0.3	— 0.6	53.6	49
	Dinajpur	0	— 1	0	0.4	51.6	72
	Rangpur	— 1	+ 1	0.1	— 0.4	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 2	+ 1	0	— 0.2	31.2	19
	Sialkot	0	+ 1	0.1	+ 0.6	35.9	22
Rawalpindi	Jhelum	—	—	1.0	—	35.7	
	Rawalpindi	— 2	— 2	1.7	+ 1.1	53.9	36
	Campbellpur	—	—	0.8	—	17.6	—
Sargodha	Khushab	— 2	+ 2	0	— 0.2	11.2	15
	Lyallpur	— 3	+ 2	0.1	— 0.1	13.9	12
Multan	Montgomery	— 3	— 1	0.1	0.0	10.2	10
	Multan	— 1	— 1	0	— 0.2	7.3	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 5	— 2	0	— 0.1	12.6	6
	Bahawalpur	— 3	— 3	0	— 0.1	4.9	6
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	2.3	—	27.6	—
	Peshawar	— 1	0	1.4	+ 0.9	19.2	11
	Haripur	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	—	—	0.5	—	14.4	11
	D. I. Khan	— 1	+ 2	0	— 0.2	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	+ 1	+ 4	0	— 0.6	5.4	6
Karachi Division	Ormara	—	—	0	— 0.1	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 3	+ 3	0	— 0.1	9.9	8
	Karachi (Airport)	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	— 1	0	0	— 0.1	12.9	7
	Badin	+ 1	— 4	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	— 4	+ 5	0	— 0.1	8.8	4
Junagadh	Veraval		— 2	—	—	—	20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *	—					36
	Gulmarg **						
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *	—	—	—	—	—	6
	Misgar **	—	—	—	—	—	—
	Aliabad *						—
	Gilgit *	—	—	—	—	—	5
Rawalpindi	Murree *	0	— 4	3.3	+ 2.0	72.5	50
Peshawar	Drosh *	0	0	0.9	—	23.9	18
	Cherat *	— 4	— 3	1.7	+ 0.9	35.2	29
	Kakul *	—	—	3.7	—	40.0	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	— 4	+ 8	0.6	—	29.8	29
D. I. Khan	Miranshah *	—	—	0.1	— 0.2	7.8	13
	Wana *	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman *	+ 3					11
	Hindubagh *	—	—	0.3	—	6.1	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	— 0.4	34.7	14
	Quetta *	—	—	0.4	— 0.3	6.7	9
	Chaman *	+ 8	+ 7	0.6	— 0.5	6.8	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	+ 11	+ 9	0.2	- 0.1	2.8	4
Kalat	Kalat *	0	+ 2	0.2	- 0.4	13.1	7
	Panjgur *	+ 9	+ 4	0.2	—	5.2	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 13th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$0T_aT_aT_dT_d$	$Id_ad_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British general	33 353	574 00	1 14 05	98 0 20	135 75	11 6 00	34 4 08	...	05 3 61	11 4 21
British general	33 245	580 06	1 14 09	98 0 20	162 77	11 6 00	34 2 28	...	05 1 61	11 4 22
Manctorin	33 201	624 06	3 07 09	98 0 21	153 75	31 5 00	76 1 19	...	05 2 63	10 7 22
British general	33 237	586 12	0 13 13	98 0 20	143 78	00 9 00	33 4 00	...	05 1 60	11 3 22
Manctoron	33 214	614 12	5 09 09	98 0 21	131 75	51 5 00	75 0 10	...	05 2 60	10 9 21
Mocksnkark	33 127	650 18	4 15 02	98 0 21	102 79	42 4 00	65 3 25	...	05 1 66	10 5 21
Manctoron	33 225	603 18	1 07 09	98 0 21	162 75	11 5 00	75 2 10	...	05 1 60	10 7 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
					HHHTTTT$_d$T$_d$T$_d$						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...	00 00	013 132 112	000 005 115	...	152 095 068	...	317 535 565	429 555 999	571 648 999	763 780 999	979 880 999			
Decca ...	00 00	010 202 188	142 222 185	...	148 118 042	...	315 032 568	439 532 618	581 608 999	749 700 999	956 860	225 065	403 162	...
Jiwani ...	00 00	015 132 112	145 190 999	...	148 125 999	...	311 045 999	435 538 999	577 605 999	776 702 999	953 848	223 058	...	...
Karachi ...	00 00	983 128 058	...	...	148 095 515	...	309 515 999	430 585 999	570 628 999	737 715 999	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	976 092 538	...	...	150 118 548	...	310 002 638	432 588 678	570 685 745	734 780 999	925 895	...	...	...
Quetta ...	00 00	854 042 506	...	...	...	...	310 000 999	433 555 999	573 655 999	734 780 999	941 845	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...	00 00	972 195 135	900 142 062	800 048 032	...	...	...	...	...	...	738 002 538	...	...
Decca ...	00 00	900 142 072	800 092 018	..	...	...	...	...	...	...	800 092 018		
Jiwani ...	00 00			...	...	...	...	...	...	...	223 058 999	...	...
Karachi ...	00 00	900 118 012	800 058 535	...	...	...	...	...	...	...	800 058 535	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	948 185 012	900 148 005	800 075 582	...	...	...	...	...	...	800 075 582	...	...
Quetta ...	00 00	825 055 005	803 022 012	...	...	...	...	...	...	...	800 022 012	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St— Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	31 13	32 10	32 08	32 07	32 08	25 15	31 13	30 23	31 36	32 08	31 06	27 04	27 15	34 05	31 07	33 06	31 04	27 05	26 08	27 10	...	...	...	...	...	...
Chaklala ...	...	29 07	30 05	01 05	02 06	34 03	31 13	30 23	31 36	...	06 03	05 06	33 06	34 05	31 07	...	26 05	27 04	26 05	26 06	...	...	...	...	...	...
Chhor ...	05 06	04 06	05 07	04 07	33 04	30 13	30 21	27 31	30 54	08 15	08 25	10 16	09 09	01 10	35 15	12 04	10 07	08 08	03 10	01 14	31 12	...	...	...	...	...
Chittagong ...	31 11	32 04	33 02	33 05	31 05	32 11	29 17	...	...	01 07	01 07	34 07	30 09	26 10	26 23	35 07	35 07	34 11	34 11	26 15	24 18	26 27	25 43	26 54	...	...
Cox's Bazar ...	31 07	01 02	07 03	33 04	31 07	30 12	31 24	30 22	...	02 10	13 01	22 03	32 10	31 10	27 31	35 12	36 15	36 15	36 13	28 08	25 20	26 28	25 42	25 42	...	...
Decca ...	31 08	33 06	36 03	33 04	29 06	25 12	...	...	...	04 03	03 02	29 06	31 09	29 06	28 22	04 04	33 06	31 08	31 09	30 07	26 09	27 27	27 30	26 37	27 62	26 90
Dalbandin ...			19 06	19 10	20 12	22 17	25 21	27 29	28 41	...	...	8x xx	23 13	26 12	29 12	...	...	17 02	24 06	30 14	30 13	29 29	30 50	30 52	29 64	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	11 07	16 13	20 21	30 19	...	...	...	...	03 01	36 03	36 03	...	...	...	...	05 02	34 01	36 06	...	...	...	...
Fort Sandeman ...	...	...	...	30 04	29 03	29 08	29 18	28 21	29 38	...	...	...	06 01	21 07	27 23	...	...	...	24 01	26 11	29 34	30 60	...	...	...	...
Jacobabad ...	04 07	05 05	06 05	15 04	23 10	28 08	28 09	28 21	29 51	10 05	06 03	11 03	22 11	24 15	27 13	15 03	18 03	19 05	26 12	32 13	32 17	30 39	30 48	30 49	...	...
Jamoro ...	36 07	01 06	36 02	03 03	29 12	26 23	...	...	...	09 08	13 01	22 06	29 08	...	...	36 02	30 04	28 07	28 08	30 10	32 13	33 23	33 28	34 32	...	...
Jhelum ...	37 04	31 06	31 07	34 04	01 02	35 04	02 05	31 25	30 44	21 11	35 10	34 09	33 05	34 03	30 10	28 06	32 05	33 05	03 02	07 03	03 07	27 11	24 18	25 13	...	...
Jiwani ...	15 06	16 05	16 05	17 10	21 04	...	...	...	...	19 01	19 02	19 05	21 04	32 11	34 11	04 02	11 03	15 04	19 03	25 08	33 13	30 26	...	...	...	...
Karachi ...	05 18	07 10	07 10	09 08	06 08	28 12	31 15	31 27	30 38	...	...	...	...	...	...	08 08	08 06	03 04	01 08	01 12	28 18	31 12	30 41	29 37	...	...
Khanpur ...	07 04	09 03	12 02	28 04	29 04	32 15	32 17	11 31	...	01 10	02 11	04 11	05 10	23 05	26 05	17 01	22 02	26 05	27 13	29 12	31 15	...	...	...	...	...
Lahore ...	33 06	33 07	34 06	33 06	32 06	32 12	32 11	32 26	30 48	34 08	30 08	30 08	30 07	30 08	28 09	31 06	30 09	29 10	29 10	29 12	32 18	15 30	14 00	...	...	...
Multan ...	02 08	34 05	34 07	29 05	27 05	29 09	29 15	30 23	30 35	34 05	29 03	27 03	29 06	27 10	...	25 05	24 07	24 07	25 12	28 16	27 19	31 21	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 12	20 14	29 16	29 15	28 28	...	...	...	...	24 15	26 12	32 11	...	...	...	25 14	28 10	33 12	21 24	29 40	30 44	29 72	...
Peshawar ...	...	26 03	32 04	34 07	34 05	36 06	02 10	...	...	...	25 03	33 04	32 07	01 05	02 04	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	19 02	24 07	27 10	27 23	28 39	...	...	...	...	17 03	26 04	...	...	...	...	25 04	30 10	30 18	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	21 03	23 02	29 01	35 04	31 09	...	...	...	...	11 08	11 02	17 01	32 03	30 07	25 09	30 03	33 02	30 04	28 07	27 10	28 09	27 32	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Decca ...	02 04	01 04	01 11	31 13	31 08	27 16	27 25	27 35	27 43	27 57	27 57	...	...	...	...	...	...	...
Karachi ...	05 26	07 31	25 15	30 06	34 08	31 19	30 23	28 26	29 51	29 74	00 11	...	...	...	...	...	...	...
Peshawar ...	..	32 06	03 07	09 14	06 15	36 19	33 24	31 28	27 41	28 35	24 58	30 63	29 72	...	...	...	...	...
Quetta ...																		

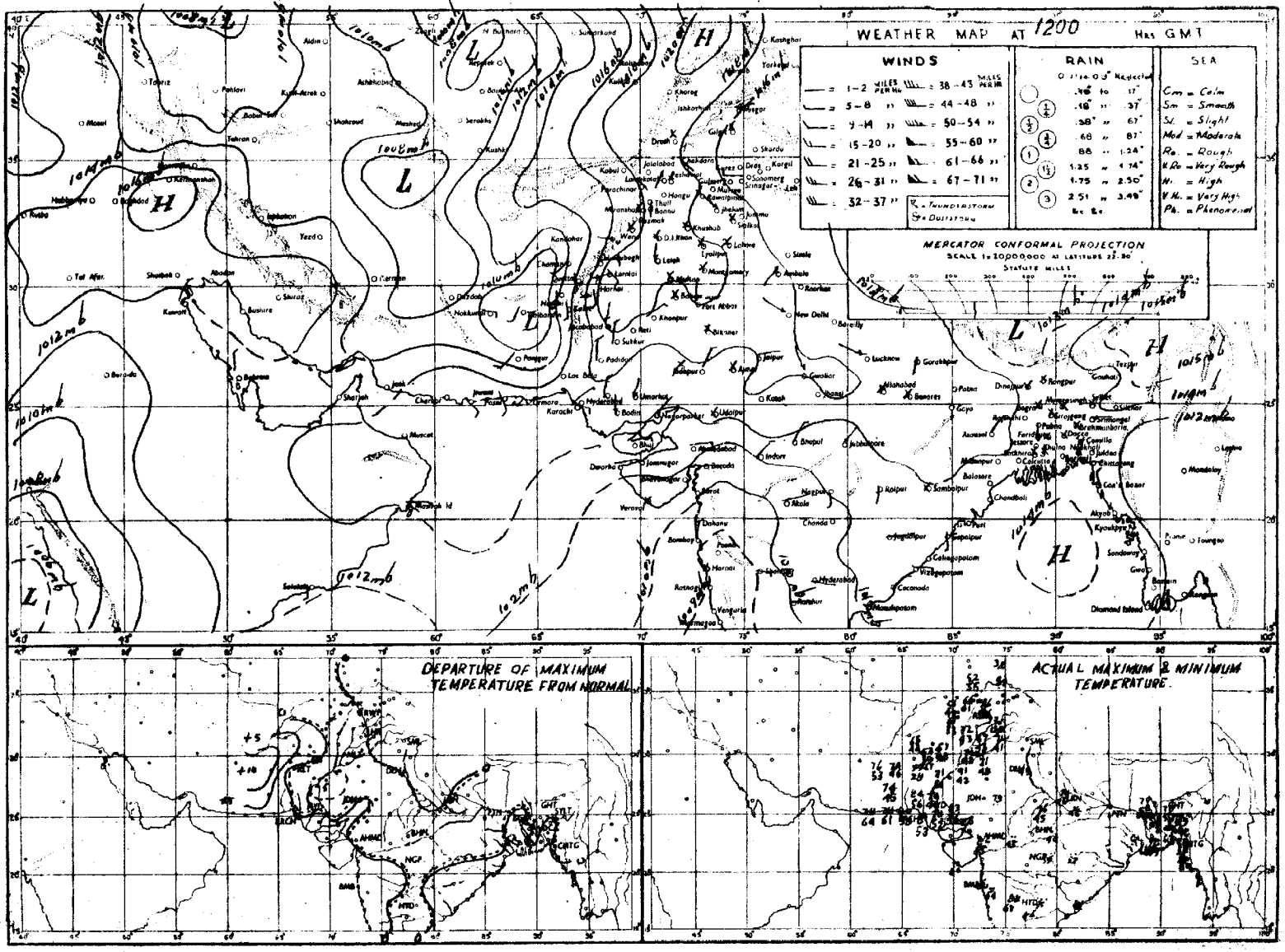
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11).

PAKISTAN DAILY WEATHER MAP

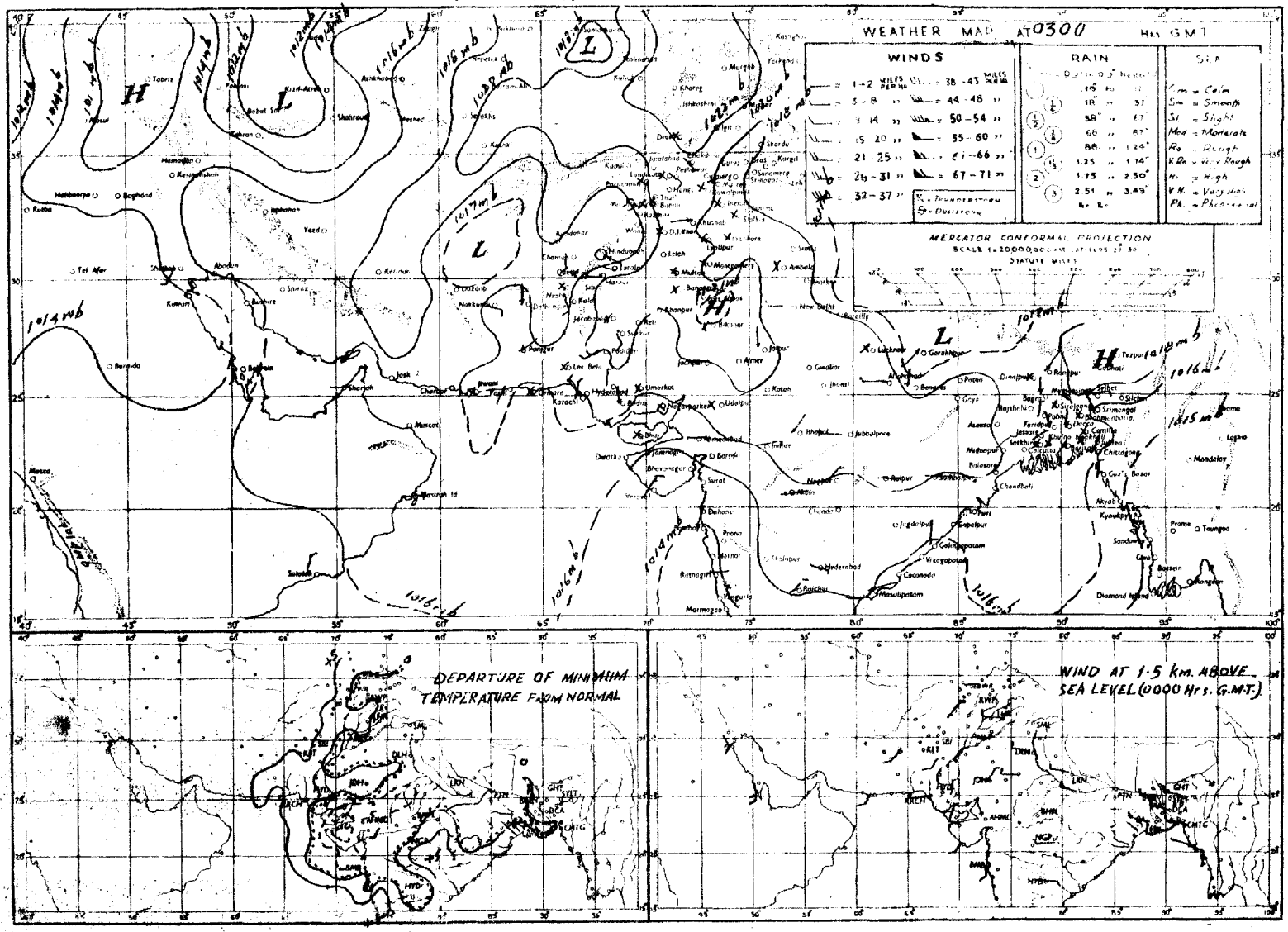
TUESDAY, 12th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 13th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 14th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The feeble secondary western disturbance over Quetta and D. I. Khan divisions moved away eastwards. The other now lies over D. I. Khan and Multan divisions and is less marked.

Yesterday's western disturbance continues to affect southeast Iraq and Persian Gulf. Another western disturbance is moving across Russain Turkistan east of Caspian Sea. Its associated trough extends to southeast Iran and adjoining areas.

Scattered thunderstorms have been reported from Rawalpindi division and light rain from Quetta division.

Night temperatures were 3-5°F above normal in Khulna, Rajshahi, Rawalpindi and Sargodha divisions and 4-8°F above normal in Quetta and adjoining Kalat divisions.

Forecast valid until the evening of 15th December, 1961:—Rain/thundershowers will be local in Quetta division and scattered in Rawalpindi, D. I. Khan, Peshawar, Kalat divisions and Kashmir with a few falls of snow in the hills.

Karachi-11
The 14th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	9	36	02	xx	00	0	144	72	9	x	0	x	x	59	79
	Cox's Bazar	000	0	0	36	09	xx	03	0	129	72	0	0	9	0	0	63	82
	Chittagong	000	0	0	00	00	xx	00	0	134	70	0	0	9	0	0	60	79
	Maijdee Court	030	9	0	00	00	xx	10	0	135	70	0	0	9	0	0	59	78
	Comilla	000	0	0	00	00	96	02	0	126	69	0	0	9	0	0	61	79
	Brahmanbaria	000	0	0	00	00	xx	00	1	139	68	0	0	9	0	0	59	77
	Sylhet	000	0	1	27	02	xx	01	0	136	66	0	0	9	7	0	54	77
	Srimangal																	
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	143	70	0	0	9	0	0	62	75
	Narayanganj	000	9	1	00	00	xx	01	0	138	71	1	4	5	0	0	58	81
	Dacca (Tezgaon)	000	0	0	31	02	96	02	0	137	67	0	0	9	0	0	59	79
	Faridpur	000	0	0	00	00	95	05	0	148	73	0	0	9	0	0	60	77
Khulna	Barisal	000	0	4	00	00	95	01	1	111	75	4	7	6	0	0	65	80
	Khulna	000	0	4	00	00	xx	01	1	137	71	4	5	6	0	0	65	79
	Satkhira	000	0	0	00	00	97	00	0	159	73	0	0	9	0	0	59	80
	Jessore	000	0	0	36	02	97	00	0	141	70	0	0	9	0	0	60	74
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	143	68	0	0	9	0	0	59	77
	Sirajganj	000	0	0	00	00	xx	00	1	125	67	0	0	9	0	0	60	78
	Bogra	000	0	0	27	02	xx	02	1	141	69	0	0	9	0	0	59	77
	Dinajpur	000	0	0	00	00	xx	00	0	140	70	0	0	9	0	0	48	78
	Rangpur	000	0	1	00	00	xx	01	1	145	66	1	0	9	1	0	57	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	6	00	00	96	02	1	162	62	6	0	9	7	0	45	66
	Sialkot	000	2	6	00	00	97	02	2	155	58	6	4	6	x	x	46	62
Rawalpindi	Jhelum	000	7	7	00	00	97	02	2	157	60	7	0	9	7	0	37	66
	Rawalpindi	000	0	1	27	07	98	01	2	168	56	1	0	9	3	0	32	63
	Campbellpur	000	0	1	05	02	98	03	2	156	60	9	9	0	1	0	35	61
Sargodha	Khushab	000	0	0	00	00	99	00	0	169	66	0	0	9	0	0	39	69
	Lyallpur	000	0	0	00	00	96	00	0	157	67	0	0	9	0	0	37	68
Multan	Montgomery	000	0	0	00	00	96	00	0	160	67	0	0	9	0	0	49	72
	Multan	000	0	4	00	00	97	01	1	158	68	0	0	9	0	1	41	73
	Leiah	000	0	1	23	01	97	03	0	155	66	0	0	9	0	4	[illegible]7	72
Bahawalpur	Khanpur	000	0	2	00	00	96	02	0	159	70	0	0	9	0	1	47	73
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	000	0	0	00	00	98	00	0	166	67	0	0	9	0	0	44	68
Peshawar	Chakdara	000	0	0	13	02	96	00	0	149	56	0	0	9	0	0	39	57
	Peshawar	000	0	1	00	00	97	01	1	166	61	0	0	9	0	1	40	67
	Haripur	000	0	0	31	02	97	00	0	163	56	0	0	9	0	0	39	67
D. I. Khan	Bannu	000	0	0	23	02	99	00	2	158	64	0	0	9	0	0	44	65
	D. I. Khan	000	3	3	00	00	98	02	0	157	69	0	0	9	0	0	41	74
Quetta	Sibi	000	3	8	18	03	98	02	2	167	71	0	0	8	0	8	30	73
Kalat	Nokkundi	000	0	0	18	03	98	02	1	129	76	0	0	9	0	0	52	79
	Turbat	000	0	0	27	02	98	00	0	154	80	0	0	9	0	0	49	84
	Jiwani	000	0	3	18	10	98	01	1	162	76	0	0	9	0	1	60	79
	Pasni	000	8	4	16	07	98	01	1	159	77	0	0	9	0	8	59	80
Karachi Division	Ormara	000	0	2	19	03	96	01	1	152	77	2	0	9	0	1	71	80
	Lasbela	000	0	0	00	00	98	00	0	159	85	0	0	9	0	0	71	86
	Karachi (Manora)	000	0	3	27	10	98	01	1	164	77	0	0	9	0	1	66	83
	Karachi (Airport)	000	0	1	23	03	96	01	1	157	77	0	0	9	0	1	48	82
Hyderabad	Nagarparkar	000	0	0	05	02	97	00	0	137	78	0	0	9	0	0	50	90
	Umerkot	000	0	0	34	02	98	02	0	147	77	0	0	9	0	0	45	81
	Hyderabad	000	0	0	00	00	97	01	0	160	75	0	0	9	0	0	49	84
	Badin	000	0	0	36	02	97	00	0	159	80	0	0	9	0	0	41	83
Khairpur	Padidan	000	0	0	31	02	97	02	0	162	74	0	0	9	0	0	39	77
	Nawabshah	000	0	0	00	00	97	01	0	163	77	0	0	9	0	0	41	79
	Sukkur	000	8	4	25	02	96	03	1	157	74	0	0	9	0	3	45	77
	Kashmore	000	0	0	00	00	99	00	0	152	67	0	0	9	0	0	14	75
	Jacobabad	000	0	2	31	02	97	03	0	164	71	0	0	9	0	2	41	75
Junagadh	Versval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	9	5	00	00	98	02	1	506	38	0	0	9	5	0	10	43
Peshawar	Drosh *	000	0	5	00	00	97	01	—	522	46	5	0	9	3	0	14	48
	Cherat *	000	0	0	05	07	98	00	1	522	50	0	0	9	0	0	46	53
	Kakul *	000	4	2	18	03	97	01	2	507	49	2	1	6	0	0	29	55
	Landikotal *	000	0	0	23	02	99	00	1	507	54	0	0	9	0	0	34	56
	Parachinar *	000	0	2	23	01	99	00	0	508	40	2	0	9	2	0	28	83
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	494	60	0	0	9	0	0	37	63
	Wana *	000	0	4	00	00	9[illegible]	01	1	513	59	4	0	9	1	0	05	61
Quetta	Fort Sandeman *	000	0	2	00	00	99	01	0	513	58	2	0	9	0	4	34	60
	Hindubagh *	000	0	4	27	09	97	00	0	481	55	4	0	6	8	0	32	59
	Loralai *	000	0	6	16	03	98	01	2	371	56	0	4	8	2	1	34	61
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	9	6	36	02	97	03	2	495	54	0	3	5	0	0	38	56
	Chaman *	000	0	5	27	05	98	02	1	505	62	5	2	6	0	0	37	64
	Nushki *	000	0	5	00	00	98	03	0	558	69	5	0	9	6	0	xx	71
	Dalbandin *	000	8	3	23	05	96	01	1	522	74	1	1	7	0	1	42	75
Kalat	Kalat *	000	0	0	29	03	98	00	0	514	53	0	0	9	0	0	28	57
	Panjgur *	000	0	1	23	02	98	02	0	520	70	0	0	9	0	1	41	71
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1961 to date	Annual Normals
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	4	1	09	02	95	03	4	172	65	1	2	5	0	0	60	60	—	—	0.1	—	155.5	—
	Cox's Bazar	003	0	0	05	05	97	02	0	153	68	0	0	9	0	0	62	59	+ 2	0	0.9	— 2.9	156.7	140
	Chittagong	000	0	0	00	03	96	00	0	160	69	0	0	9	0	0	60	56	0	—	0.1	— 2.6	170.7	108
	Maijdee Court	002	4	0	00	00	98	00	4	163	68	0	0	9	0	0	58	54	0	+ 1	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	97	02	0	150	65	0	0	9	0	0	58	54	0	— 1	0	— 1.6	76.9	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						78
	Sylhet	000	0	1	09	02	96	02	0	160	65	0	0	9	7	0	56	55	—	—	0.1	—	—	—
	Srimangal	...	...	...	...	...	...	...	...															90
Dacca	Mymensingh	000	0	0	27	02	97	00	0	168	62	0	0	9	0	0	59	52	— 2	— 3	0.3	— 0.7	62.1	91
	Narayanganj	000	9	0	00	00	95	10	4	162	65	0	0	9	0	0	56	56	+ 3	— 1	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	000	0	0	00	00	96	02	0	161	64	0	0	9	0	0	57	51	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	94	05	0	161	64	0	0	9	0	0	59	52	+ 1	— 3	0	— 1.2	87.6	71
Khulna	Barisal	000	0	0	36	02	97	02	1	164	70	0	0	9	0	0	67	59	+ 2	+ 3	0	— 1.8	65.4	81
	Khulna	030	0	0	00	00	97	00	0	163	68	0	0	9	0	0	59	57	+ 1	+ 2	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	174	66	0	0	9	0	0	54	52	0	— 1	0	— 1.8	54.3	65
	Jessore	000	0	0	05	03	97	00	0	164	63	0	0	9	0	0	56	50	— 4	— 5	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	00	00	93	10	0	167	62	0	0	9	0	0	56	53	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	97	00	0	166	67	0	0	9	0	0	55	53	0	— 2	0.7	— 0.4	50.0	64
	Bogra	003	0	0	05	02	96	02	0	161	63	0	0	9	0	0	56	52	0	— 3	0.3	— 0.6	53.6	69
	Dinajpur	030	0	0	00	00	96	00	0	160	59	0	0	9	0	0	54	49	+ 1	— 2	0	— 0.4	51.7	72
	Rangpur	000	6	4	03	03	94	42	4	175	57	4	0	9	2	0	55	50	+ 1	— 2	0.1	— 0.4	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	95	10	0	178	40	0	0	9	0	1	38	39	— 1	— 1	0	— 0.2	51.2	19
	Sialkot	000	0	0	00	00	97	03	0	177	51	0	0	9	0	0	42	41	— 8	— 1	0.9	— 0.4	35.9	32
Rawalpindi	Jhelum	000	0	1	00	00	96	01	0	177	41	1	0	9	3	0	36	37	—	—	1.0	—	35.7	—
	Rawalpindi	000	0	0	36	02	96	10	0	200	35	0	0	9	0	0	34	34	— 5	— 3	1.7	+ 1.1	53.9	36
	Campbellpur	000	0	0	09	02	97	00	0	205	40	0	0	9	0	0	32	33	—	—	0.8	—	17.6	—
Sargodha	Khushab	000		3	00	00	99	01	1	175	42	0	0	9	0	2	32	38	— 4	— 6	0	— 0.2	11.2	15
	Lyallpur	000	0	0	00	00	96	03	0	164	45	0	0	9	0	0	35	40	— 2	— 1	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	3	00	00	96	02	0	181	43	0	0	5	0	1	38	40	— 1	— 3	0.1	0	10.2	10
	Multan	000	0	4	00	00	95	05	1	181	48	0	0	9	0	1	41	45	+ 1	+ 2	0	— 0.2	7.3	7
	Leiah	000	0	3	36	02	97	02	0	183	40	0	0	9	6	0	32	36	—	—	0	—	10.6	8
Bahawalpur	Khanpur	003	0	3	00	00	95	05	0	180	46	0	0	9	0	1	39	43	— 3	— 4	0	— 0.1	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	187	52	0	0	9	0	0	29	43	—	0	0	— 0.1	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	183	48	0	0	9	0	0	39	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	02	96	00	0	200	37	0	0	9	0	0	29	33	—	—	2.3	—	27.6	—
	Peshawar	000	0	1	00	00	95	04	0	193	40	0	0	9	0	1	32	39	— 6	— 2	1.4	+ 0.9	19.2	11
	Haripur	000	0	0	27	05	97	00	0	186	41	0	0	9	0	0	32	38	—	—	1.9	—	30.5	—
D. I. Khan	Bannu	000	1	3	00	00	99	03	0	185	42	0	0	9	0	4	36	41	—	—	0.5	—	14.4	11
	D. I. Khan	000	2	5	00	00	98	01	1	167	42	0	0	9	5	0	32	40	+ 1	— 1	0	— 0.2	7.7	9
Quetta	Sibi	000	3	6	00	00	97	03	2	180	48	0	0	7	3	0	36	46	—	—	0	—	5.6	5
Kalat	Nokkundi	000	2	2	09	03	98	03	0	152	58	2	0	9	2	0	44	56	—	—	0	—	1.0	2
	Turbat	000	0	0	13	02	98	00	0	166	61	0	0	9	0	0	54	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	2	02	02	97	03	0	165	66	0	0	9	0	1	60	65	—	—	0	—	3.8	5
	Pasni	000	3	6	29	02	97	03	2	164	61	0	0	9	0	4	57	60	+ 3	+ 3	0	— 0.6	5.4	6
Karachi Division	Ormara	000	0	4	13	02	96	01	1	159	65	4	0	9	0	1	63	61	—	—	0	— 0.1	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	157	60	0	0	9	0	0	36	55	—	—	0	—	0	8
	Karachi (Manora)	000	0	3	05	05	95	05	1	165	64	0	0	9	0	1	49	61	+ 4	+ 1	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	1	00	00	96	02	0	169	53	0	0	9	0	1	45	51	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	003	0	0	00	00	97	00	0	163	64	0	0	9	0	0	41	xx	—	—	0	—	27.3	—
	Umerkot	000	0	4	02	01	97	02	0	161	52	0	0	8	0	8	33	47	—	—	0	—	18.1	—
	Hyderabad	000	0	4	00	00	94	05	1	173	52	0	0	8	0	1	52	52	+ 5	0	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	156	52	0	0	9	0	0	49	52	+ 2	0	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	7	00	00	96	03	0	173	46	0	0	9	0	6	43	44	—	—	0	—	11.1	—
	Nawabshah	000	0	4	00	00	96	03	0	173	47	0	0	9	0	5	40	44	—	—	0	—	9.3	—
	Sukkur	000	9	7	16	03	96	03	2	172	56	7	0	9	6	0	41	53	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	169	47	0	0	9	0	0	30	35	—	—	0	—	1.8	—
	Jacobabad	000	0	6	00	00	96	03	0	177	52	6	0	9	4	0	38	50	0	+ 4	0	— 0.1	8.3	4
Junagadh	Versval	xxx	x	0	05	14	97	02	0	144	68	0	0	9	0	0	40	63		—	—	—	—	20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	2	29	02	xx	xx	x	546	52	2	0	9	3	0	52	52	—	—	—	—	—	26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							28
	Leh **																							3
	Skardu *	xxx	x	3	23	02	98	03	1	499	52	0	3	4	5	0	36	37	—	—	—	—	—	4
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	9	0	07	02	98	00	1	512	35	0	0	9	0	0	13	30	— 2	— 5	3.3	+ 2.0	72.5	59
Peshawar	Drosh *	000	9	0	13	05	97	02	1	542	35	0	0	9	0	0	15	34	— 4	— 1	0.9	—	23.9	18
	Cherat *	000	0	0	34	07	98	00	0	509	45	0	0	9	0	0	41	42	— 2	— 1	1.7	+ 0.8	35.2	29
	Kakul *	000	2	1	09	03	98	01	0	503	40	0	0	9	0	1	23	37	—	—	3.7	—	40.0	—
	Landikotal *	000	0	0	00	00	99	00	0	487	36	0	0	9	0	0	28	32	—	—	1.9	—	15.0	—
	Parachinar *	000	0	0	00	00	99	00	0	536	31	0	0	9	0	0	24	36	— 2	+ 4	0.6	—	29.0	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	486	37	0	0	9	0	0	26	34	—	—	0.1	— 0.2	7.8	13
	Wana *	003	0	7	00	00	95	01	1	503	50	7	0	9	1	0	25	31	—	—	0.5	—	11.9	11
Quetta	Fort Sandeman *	000	0	7	00	00	98	03	0	528	38	7	0	8	3	0	24	37	+ 2	+ 3	0.1	—	11.4	11
	Hindubagh *	000	0	8	36	02	97	00	0	527	35	8	0	5	0	0	21	32	—	—	0.3	— 0.2	6.1	—
	Loralai *	000	0	8	27	01	97	01	2	358	39	0	4	7	2	1	31	30	—	—	0	—	5.6	9
	Harnai *	000	6	7	27	02	95	21	6	xxx	xx	7	3	4	3	6	xx	xx	—	—	0.1	— 0.4	94.7	14
	Quetta *	000	9	8	00	00	96	03	2	539	44	0	3	5	0	0	21	32	—	—	0.4	— 0.4	6.7	9
	Chaman *	000	0	7	09	05	98	02	1	517	52	7	2	5	0	0	27	44	+ 7	+ 7	0.5	— 0.5	6.8	8
	Nushki *	000	0	5	09	09	98	03	0	547	58	5	0	9	6	0	45	51	—	—	0	—	3.8	—
	Dalbandin *	000	9	7	05	02	96	03	1	499	50	3	0	9	4	4	37	49	+ 12	+ 12	0.2	— 0.1	2.8	4
Kalat	Kalat *	000	2	0	18	03	98	03	2	510	36	0	0	8	3	2	23	32	+ 2	+ 6	0.2	— 0.4	13.1	7
	Panjgur *	000	0	7	05	02	98	02	0	504	46	0	0	9	0	0	39	45	+ 6	+ 4	0.2	—	5.2	5
Afghanistan	Kabul *																							
	Kandhar *																							12

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 990 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 14th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_{dw}d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British general	43 222	600 00	0 36 07	98 0 20	164 75	00 9 00	43 4 00	...	05 3 67	13 6 21
Naples	43 136	555 06	6 08 13	99 0 11	171 79	32 3 44	...	...	00 0 67	10 8 21
British general	43 212	596 06	1 09 11	99 0 20	188 77	11 5 20	54 2 18	...	05 1 55	10 9 22
Satyis	43 203	647 12	1 06 09	98 0 20	143 xx	12 5 00	...	...	00 1 63	10 6 20
Caltex Naples	43 123	547 12	7 04 15	98 0 22	133 81	62 4 01	...	...	00 2 67	10 4 21
Monlehkerk	43 126	590 12	4 04 13	98 0 31	114 77	42 7 00	65 6 15	...	00 2 72	10 4 22
Molenkerk	43 127	574 18	7 04 10	98 0 32	136 77	58 3 xx	65 4 00	...	05 2 63	10 4 22
Atys	43 211	660 18	0 04 09	98 0 20	144 76	00 9 00	...	...	05 2 52	10 4 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 118 085	...	...	141 079 995	...	303 555 995	424 582 995	562 688 992	725 795 992	926 922	193 045	373 145	...
Jiwani ...														...
Karachi ...	00 00	012 132 122	128 192 148	...	148 135 505	...	311 062 535	436 018 558	579 588 658	750 682 995	958 842	231 025	...	...
Lahore ...	00 00	991 125 045	133 xxxxxx	...	147 040 010	...	303 540 990	423 605 995	561 708 992	723 800 990	934 888	...	...	...
Multan ...														
Peshawar ...	00 00	975 062 045	...	...	146 078 542	...	307 018 622	430 552 748	572 518 995	740 715 995	947 832	...	..	...
Quetta ...	00 00	833 050 510	...	...	...	...	309 522 638	429 620 990	565 738 995	724 765 995	928 870	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 102 048	870 082 532	...	...	...	...	...	...	...	870 082 532	...	...
Jiwani ...													
Karachi ...	00 00	900 142 605	800 112 502	...	...	...	...	...	–	...	800 112 502	...	...
Lahore ...	00 00	900 092 002	800 502 502	...	...	...	...	...	...	...	800 502 502	...	...
Multan ...													
Peshawar ...	00 00	915 105 512	900 035 105	800 058 562	...	...	..	...	...	...	800 058 562	...	...
Quetta ...	00 00	000 010 100	735 510 560	679 528 678	658 000 990	...	...	...	...	...	658 000 990	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	27 08	26 09	27 06	29 05	30 11	27 08	...	...	...
Chaklala ...	...	28 07	34 04	36 05	35 07	31 12	29 15	29 19	...
Chhor ...	34 08	01 03	01 04	02 08	33 10	34 19	31 37	29 55	29 58
Chittagong ...	34 10	36 12	02 10	01 08	30 13	...	...	..	..
Cox's Bazar ...	35 15	36 10	02 08	31 09	30 26	..	...	...	...
Dacca ...	30 07	32 04	32 05	26 05	27 08	26 05	30 20	30 31	27 31
Dalbandin ...	...	...	24 05	29 06	32 09	32 15	29 22	29 34	29 41
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	09 07	35 04	35 10	...	...
Fort Sandeman ...	...	...	..	01 03	30 11	30 23	31 46	31 56	30 62
Jacobabad ...	19 02	21 01	22 05	32 07	27 13	32 19	31 31	30 39	30 43
Jessore ...	33 10	34 09	34 07	32 07	29 07	30 15	...	...	...
Jhelum ...	30 04	31 08	32 07	33 05	35 05	27 15	...	...	...
Jiwani ...	20 05	19 05	19 05	23 03	36 08	35 12	29 27	29 31	29 33
Karachi ...	20 06	35 01	01 02	01 09	02 14	33 09	32 31	31 44	...
Khanpur ...	23 06	25 08	25 10	26 13	30 13	31 16	30 36	...	...
Lahore ...	32 04	30 07	30 07	33 08	34 06	28 09	...	...	...
Multan ...	18 03	24 03	24 05	29 15	31 21	31 25	...	...	...
Murree ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	26 03	34 12	29 13	30 25	30 46	29 57
Peshawar ...	...	26 02	32 08	31 21	32 09	32 07	32 31	31 30	30 29
Quetta ...	...	...	...	...	32 08	30 11	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 12	26 06	26 12	26 08	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	34 11	34 06	33 03	25 05	28 10	...
Chaklala ...	...	36 02	33 06	35 13	34 18	05 10
Chhor ...	07 07	07 04	01 01	01 05	06 12	31 09
Chittagong ...	36 09	35 09	32 05	31 02	23 07	27 19
Cox's Bazar ...	36 09	35 10	33 10	26 07	25 13	27 21
Dacca ...	01 07	01 04	33 01	26 06	29 06	29 10
Dalbandin ...	...	...	10 05	21 11	20 10	29 10
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	09 03	11 03	13 02
Fort Sandeman ...	...	...	...	26 01	30 07	30 15
Jacobabad ...	03 05	07 03	11 03	19 06	23 10	28 22
Jessore ...	01 08	34 07	31 10	30 14	28 11	29 15
Jhelum ...	33 08	32 14	33 10	36 05	36 07	36 14
Jiwani ...	23 04	21 05	21 06	19 04	20 07	28 12
Karachi ...	...	...	...	...	...	...
Khanpur ...	13 10	13 08	14 03	29 08	24 13	24 17
Lahore ...	31 06	31 06	32 09	32 10	31 10	27 08
Multan ...	01 01	36 02	01 04	31 07	34 09	20 13
Murree ...	...	...	...	...	...	...
Panjgur ...	...	...	...	20 07	18 08	27 20
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	30 01	29 13
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 10	13 03	24 02	23 53	26 05	22 05
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	33 06	30 05	26 04	26 09	26 10	26 09	24 19	...	...	...	...
Chaklala ...	...	29 02	32 02	31 07	33 06	32 12	31 39	31 35	31 45	...	...
Chhor ...	12 04	15 03	16 03	14 03	05 04	30 12	...	...	...	...	...
Chittagong ...	30 06	31 06	33 06	32 07	33 10	29 17	26 37	25 35	...	...	...
Cox's Bazar ...	33 06	33 08	34 09	30 04	29 15	28 22	26 37	26 48	27 57	...	...
Dacca ...	30 08	28 07	30 07	27 09	27 09	27 15	27 32	27 49	28 60	77 02	...
Dalbandin ...	...	...	09 05	19 11	22 10	23 21	27 33	27 34	27 30	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 08	36 17	35 33	...	...	...	...
Fort Sandeman ...	...	...	...	23 04	23 05	27 15	28 23	29 29	...	...	...
Jacobabad ...	12 07	16 07	20 06	26 05	24 08	24 12	28 24	28 35	27 37	...	...
Jessore ...	36 02	32 07	30 12	30 15	29 14	29 23	28 25	28 38	...	...	...
Jhelum ...	31 05	33 11	33 07	33 06	33 05	35 17	33 24	32 37	32 46	...	...
Jiwani ...	28 03	21 04	21 06	23 09	27 09	27 17	27 28	27 37	24 43	27 58	27 63
Karachi ...	33 04	28 03	24 04	17 04	14 13	30 08	30 25	30 29	30 37	29 51	...
Khanpur ...	14 08	14 05	14 04	21 04	26 08	31 08	...	...	...	...	...
Lahore ...	35 04	32 07	32 09	31 10	33 09	32 11	32 26	32 27	31 47	31 72	...
Multan ...	21 04	16 03	17 04	25 04	25 07	31 19	31 25	32 29	...	...	...
Murree ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 12	21 14	27 18	26 23	28 33	28 46	...	...
Peshawar ...	...	28 01	26 01	34 08	30 11	29 14	31 23	31 29	31 36	30 53	29 77
Quetta ...	...	...	...	...	19 03	27 06	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

*The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 08	30 05	29 05	27 06	31 06	31 21	24 18	26 26	28 33	27 48	27 97	27 71	...	...	...	...	...	...
Karachi ...	33 11	28 39	17 07	12 06	09 08	36 10	30 27	30 33	30 37	29 70	29 80	29 xx	29 78	...	...	...	...	...
Peshawar ...	..	32 03	32 05	31 06	xx xx	xx xx	33 38	33 44	xx xx	...	...	...	...	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

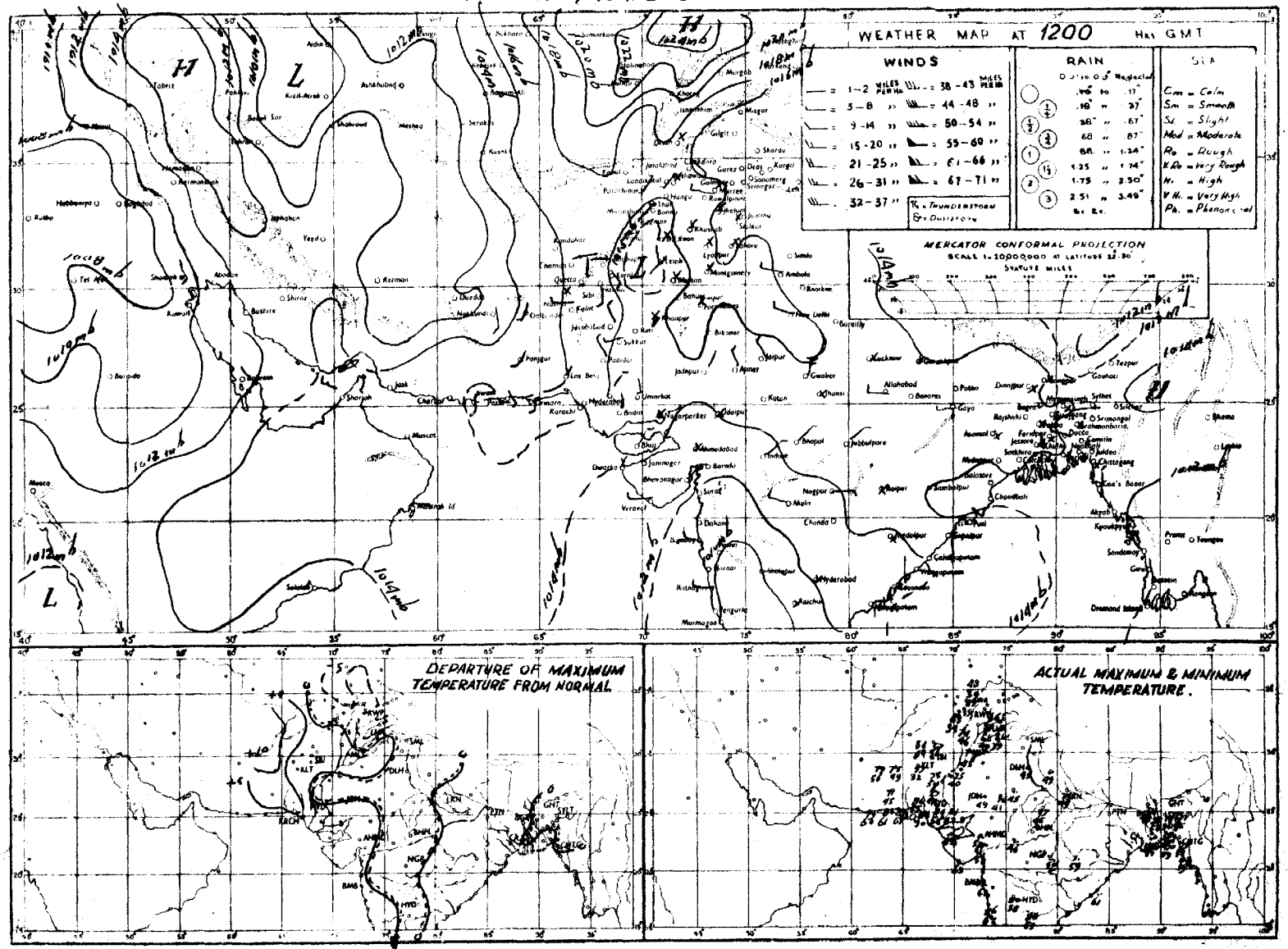
Cloud observation Data (GGiii Cdd V_TV_T etc.)

05 712 32 734 05 756 33 1xx
03 715 32 825 06 530 03 012

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

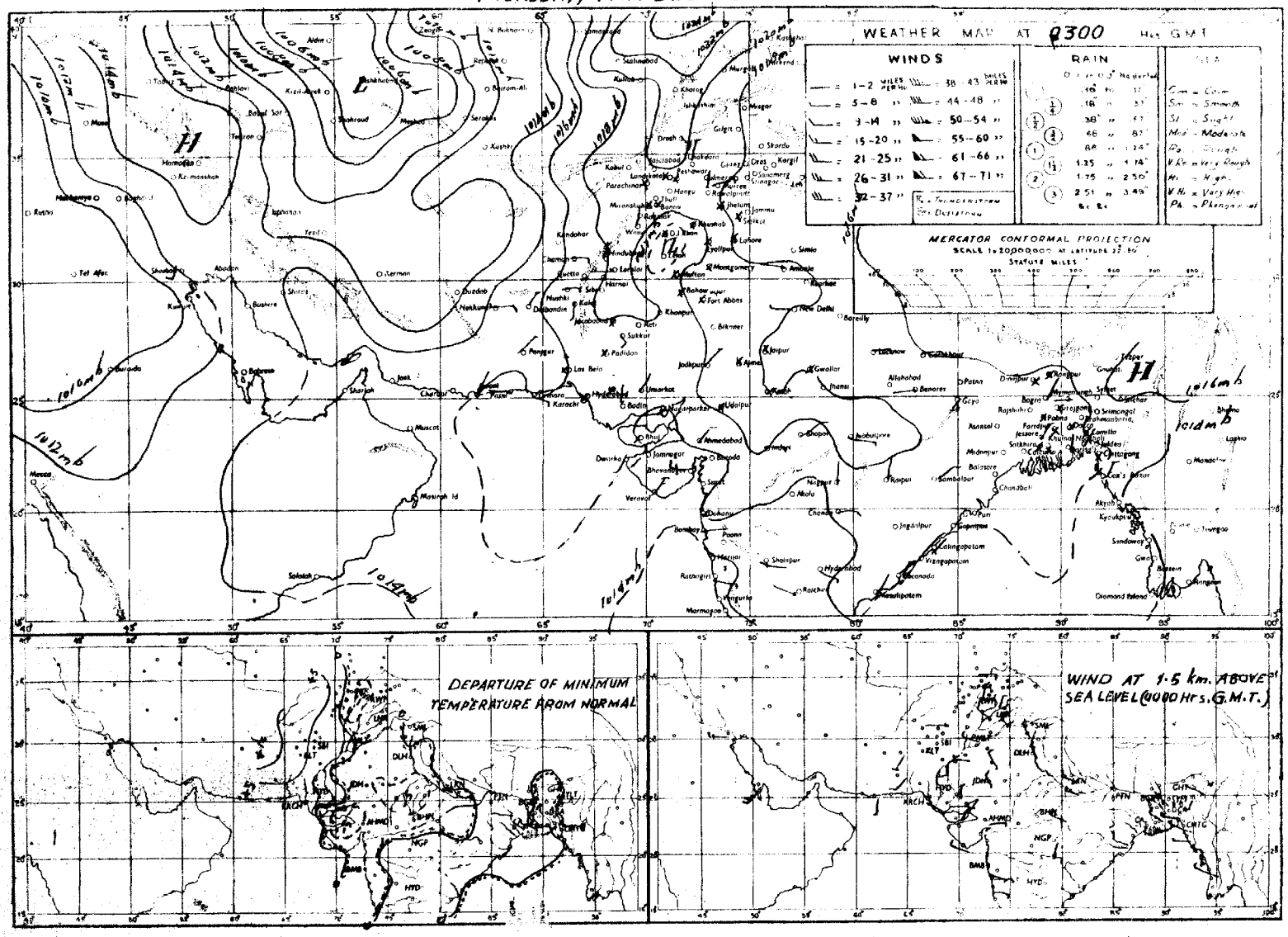
WEDNESDAY, 13th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY, 14th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

No. S-1457
Volume No. 15

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FRIDAY THE 15th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The feeble western disturbance over D. I. Khan and Multan divisionsmoved away eastwards.

Yesterday's western disturbance is now affecting north Iraq and adjoining Iran.

The western disturbance east of Caspian Sea is today moving north of Afghanistan. Its associated trough extends to Quetta and adjoining Kalat division.

Light rain has been reported from Rajshahi and Quetta divisions.

Night temperatures were 4-10°F above normal in Quetta and adjoining Kalat divisions.

Forecast valid until the evening of 16th December, 1961:—Rain/thundershowers will be scattered in Rawalpindi, Peshawar, D. I. Khan, Quetta divisions and Kashmir with a few snow falls snowfalls in the hills.

Karachi-11
The 15th December, 1961.

OBSERVATIONS

ZARIF AHMED.
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati																	
	Cox's Bazar	000	0	0	31	05	xx	01	0	119	69	0	0	9	0	0	59	79
	Chittagong																	
	Maijdee Court	000	9	0	00	00	xx	10	0	124	67	0	0	9	0	0	57	77
	Comilla	003	0	0	00	00	96	02	0	111	65	0	0	9	0	0	52	77
	Brahmanbaria	000	0	0	00	00	xx	00	0	124	68	0	0	9	0	0	58	77
	Sylhet	000	0	1	23	02	xx	02	0	117	66	1	1	6	0	0	52	77
	Srimangal	000	0	0	00	00	xx	00	0	xxx	58	0	0	9	0	0	52	79
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	128	71	0	0	9	0	0	61	76
	Narayanganj	000	9	6	00	00	xx	03	1	125	67	6	5	4	0	0	55	81
	Dacca (Tezgaon)	000	3	5	31	03	97	02	1	122	67	5	0	9	5	0	55	77
	Faridpur	000	0	2	00	00	95	05	0	133	69	2	4	8	0	0	57	74
Khulna	Barisal	000	0	0	00	00	94	02	1	124	72	0	0	9	0	0	69	78
	Khulna	000	0	0	00	00	xx	00	0	124	69	0	0	9	0	0	61	79
	Satkhira	000	0	0	00	03	97	00	0	125	69	0	0	9	0	0	59	78
	Jessore	000	0	0	00	00	97	00	0	132	69	0	0	9	0	0	58	72
Rajshahi	Pabna	000	0	1	00	00	xx	01	0	124	67	1	1	7	0	0	59	75
	Sirajganj	000	0	7	00	00	xx	02	1	113	68	7	0	9	4	0	58	77
	Bogra	000	0	4	00	03	xx	03	0	124	65	4	4	5	0	0	65	75
	Dinajpur	000	0	0	00	00	xx	00	0	121	67	0	0	9	0	0	55	75
	Rangpur	000	8	3	00	00	xx	01	4	130	63	1	2	6	2	0	56	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	00	00	96	02	1	144	65	6	0	9	7	0	43	69
	Sialkot	000	0	0	00	00	97	00	0	145	63	0	0	9	0	0	46	67
Rawalpindi	Jhelum	000	0	2	00	00	97	02	0	135	64	0	0	9	0	1	31	72
	Rawalpindi	000	0	2	27	04	98	01	2	151	55	2	0	9	3	0	34	65
	Campbellpur	000	0	4	36	02	98	01	0	140	62	0	0	9	4	0	41	xx
Sargodha	Khushab	000	0	3	27	02	99	03	1	152	69	0	0	9	5	0	56	75
	Lyallpur	000	0	0	00	00	96	02	0	158	64	6	7	8	0	0	40	66
Multan	Montgomery	000	0	0	00	00	96	00	1	150	65	0	0	9	0	0	52	70
	Multan	000	0	7	00	00	97	03	1	147	63	2	5	6	3	2	46	68
	Leiah	000	0	0	36	01	96	02	2	146	65	0	0	9	6	0	48	73
Bahawalpur	Khanpur	000	0	7	00	00	96	02	2	148	68	3	6	7	3	1	48	74
	Bahawalpur	000	0	0	00	00	98	00	0	137	65	0	0	9	0	0	59	72
	Fort Abbas	000	0	0	00	00	98	00	0	148	69	0	0	9	0	0	47	71
Peshawar	Ch[illegible]kdara	000	0	0	13	02	96	00	0	128	53	0	0	9	0	0	35	57
	Pe[illegible]	000	0	6	00	00	96	04	2	147	59	0	0	9	0	6	42	67
	H[illegible]	000	0	0	23	02	97	00	0	149	56	0	0	9	0	0	39	67
D. I. Khan	B[illegible]	000	0	7	00	00	98	03	0	133	62	0	0	9	6	0	45	64
	D.[illegible]	000	0	7	00	00	97	03	2	132	67	7	0	8	2	0	47	70
Quetta	Sibi	000	9	8	00	00	98	02	2	141	70	0	0	7	0	8	43	72
Kalat	Nokkundi	000	9	6	11	03	98	03	2	093	72	6	0	9	4	0	49	73
	Turbat	000	0	0	27	03	98	00	0	134	80	0	0	9	0	0	47	83
	Jiwani	000	0	3	23	07	97	02	0	140	75	3	5	5	0	0	60	77
	Pasni	000	8	6	20	09	98	02	1	136	77	0	0	9	0	2	63	82
Karachi Division	Ormara	000	0	1	27	02	96	01	1	132	76	1	0	9	0	1	67	78
	Lasbela	000	0	0	00	00	98	00	0	129	85	0	0	9	0	0	69	86
	Karachi (Manora)	000	0	3	25	09	98	01	1	131	79	0	0	9	0	4	70	85
	Karachi (Airport)	000	0	2	20	05	96	01	1	136	77	0	0	9	0	1	53	84
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	128	80	0	0	9	0	0	56	83
	Umerkot	000	0	6	29	01	98	02	0	127	79	0	0	8	0	8	47	86
	Hyderabad	000	0	3	00	00	97	01	1	136	81	0	0	8	0	1	47	85
	Badin	000	0	0	36	02	97	00	0	150	82	0	0	9	0	0	38	88
Khairpur	Padidan	000	0	6	13	02	97	01	2	133	74	0	0	9	0	8	38	78
	Nawabshah	000	0	4	00	00	97	01	1	146	77	0	0	9	0	5	44	80
	Sukkur	000	8	7	02	02	96	03	2	134	73	7	0	9	6	0	48	78
	Kashmore	000	0	4	00	00	99	02	0	153	65	4	1	6	0	0	11	75
	Jacobabad	000	0	7	36	02	97	02	2	132	69	6	0	9	5	8	43	71
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	1	23	02	96	02	0	511	42	4	5	7	0	0	00	50
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	8	6	00	00	98	02	1	488	42	0	0	9	0	8	19	48
Peshawar	Drosh *	000	0	0	09	10	96	02	0	500	48	0	0	9	0	0	16	51
	Cherat *	000	0	6	05	09	98	03	1	522	50	0	0	8	0	9	44	54
	Kakul *	000	8	7	05	03	97	01	1	591	49	2	0	9	2	0	28	59
	Landikotal *	000	0	6	23	02	97	03	1	487	53	0	0	9	0	8	21	56
	Parachinar *	000	0	6	11	03	98	02	1	504	45	0	0	9	4	0	43	53
D. I. Khan	Miranshah *	000	0	8	00	00	98	02	3	486	61	8	4	8	0	0	32	63
	Wana *	000	0	6	00	00	99	01	1	505	55	6	0	9	1	0	29	56
Quetta	Fort Sandeman *	000	0	5	20	01	99	01	0	496	58	5	0	8	3	0	34	63
	Hindubagh *	000	0	6	27	02	97	00	0	470	54	0	0	7	8	0	30	53
	Loralai *	000	0	6	00	00	98	02	2	378	56	0	4	8	1	2	37	58
	Harnai *	000	9	7	09	01	96	21	6	xxx	xx	6	3	4	3	6	xx	xx
	Quetta *	000	9	8	00	00	96	03	2	494	59	0	3	5	0	0	28	59
	Chaman *	000	0	7	23	05	98	02	1	479	63	7	2	5	0	0	35	65
	Nushki *	000	0	6	27	05	98	03	0	627	68	6	0	9	6	0	48	73
	Dalbandin *	000	8	7	23	05	97	03	2	489	xx	1	5	7	7	0	45	74
Kalat	Kalat *	000	8	0	18	03	93	03	2	480	53	0	0	9	0	0	34	55
	Panjgur *	000	0	7	23	05	98	03	1	500	69	0	0	9	5	0	42	71
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	3	0	36	05	96	00	4	164	64	0	0	9	0	0	60	60		—	0.1	—	155.5	—
	Cox's Bazar	000	0	4	05	05	97	01	2	146	65	2	0	9	4	6	62	56	— 1	— 3	0.9	— 3.0	156.7	140
	Chittagong	000	0	0	00	00	96	00	0	153	67	0	0	9	0	0	57	55	— 1	— 3	0.1	— 2.6	170.7	108
	Maijdee Court	000	9	0	00	00	98	00	4	157	67	0	0	9	0	0	55	54		— 1	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	97	02	0	144	65	0	0	9	0	0	56	53	— 2	— 2	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	00	00	97	00	0	113	65	0	0	9	0	0	56	54	—	—	0	—	65.4	78
	Sylhet	000	0	0	09	05	97	01	0	147	62	0	0	9	0	0	54	54	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	xxx	63	0	0	9	0	0	55	46	— 2	— 3	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	0	13	02	96	00	0	160	59	0	0	9	0	0	55	51	— 1	— 4	0.3	— 0.7	62.1	91
	Narayanganj	030	9	0	00	00	94	10	4	152	63	0	0	9	0	0	58	56	+ 3	— 1	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	000	0	0	31	02	96	02	0	153	62	0	0	9	0	0	59	51	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	95	05	0	152	64	0	0	9	0	0	57	54	— 2	— 1	0	— 1.2	87.6	71
Khulna	Barisal	000	0	0	00	00	97	02	1	165	68	0	0	9	0	0	54	58	0	+ 2	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	97	00	0	160	68	0	0	9	0	0	59	58	+ 1	+ 3	0	— 1.2	57.3	68
	Satkhira	000	0	0	00	00	97	00	2	162	63	0	0	9	0	0	54	52	— 2	— 1	0	— 1.8	54.3	65
	Jessore	000	0	0	00	00	97	00	0	157	62	0	0	9	0	0	57	51	— 6	— 4	0	— 1.0	59.0	65
Rajshahi	Pabna	000	0	0	31	02	95	10	0	160	62	0	0	9	0	0	55	52	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	97	00	0	158	64	0	0	9	0	0	53	52	0	— 3	0.7	— 0.1	50.0	64
	Bogra	000	0	0	31	02	96	02	0	166	61	0	0	9	0	0	53	52	— 2	— 3	0.3	— 0.6	53.6	69
	Dinajpur	007	0	0	00	00	96	00	0	162	62	0	0	9	0	0	53	49	— 2	— 2	0.1	— 0.4	51.7	72
	Rangpur	000	6	0	00	00	96	01	4	174	59	0	0	9	0	0	53	51	— 1	— 1	0.1	— 0.4	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	94	10	0	156	45	1	0	9	3	0	41	42	— 4	+ 2	0	— 0.2	51.2	19
	Sialkot	000	0	0	00	00	97	00	0	153	52	0	0	9	0	0	41	42	— 3	0	0.9	+ 0.5	35.9	32
Rawalpindi	Jhelum	000	9	1	00	00	96	01	1	156	43	1	0	9	3	0	37	40	—	—	1.0	—	35.7	
	Rawalpindi	000	0	6	00	00	97	02	1	167	38	0	0	9	6	3	34	35	— 3	— 2	1.7	— 1.1	43.9	36
	Campbellpur	000	0	3	05	02	97	01	1	159	44	0	0	9	0	0	34	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	152	44	0	0	9	0	0	39	40	+ 2	— 2	0	— 0.2	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	153	43	0	0	9	0	0	41	42	— 4	+ 1	0.1	— 0.1	13.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	159	45	0	0	9	0	0	40	41	— 3	— 2	0.1	0	10.2	10
	Multan	000	0	0	00	00	96	02	0	150	49	0	0	9	0	0	40	48	— 4	+ 5	0	— 0.2	7.3	7
	Leiah	000	0	5	13	02	96	02	2	155	41	0	0	9	6	0	30	40	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	3	00	00	96	02	0	141	47	0	0	9	0	2	43	45	— 2	+ 1	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	104	53	0	0	9	0	0	35	46	— 2	+ 3	0	— 0.1	4.9	6
	Fort Abbas	000	0	0	13	02	98	00	0	196	50	0	0	9	0	0	36	44	—	—	0	—	3.1	8
Peshawar	Ch[illegible]kdara	000	0	0	18	02	97	00	0	166	38	0	0	9	0	0	30	35	—	—	2.3	—	27.6	—
	Pe[illegible]	000	0	5	00	00	95	10	2	164	43	1	0	9	3	2	39	40	0	— 1	1.4	+ 0.9	19.2	11
	H[illegible]	000	3	5	31	03	97	03	2	160	43	5	0	9	4	0	33	36	—	—	1.9	—	30.5	—
D. I. Khan	B[illegible]	000	2	8	00	00	97	10	0	155	44	0	0	9	6	0	39	42	—	—	0.5	—	14.4	11
	D.[illegible]	000	2	3	00	00	98	01	1	153	46	0	0	9	0	2	37	41	— 3	0	0	— 0.2	7.7	9
Quetta	Sibi	000	0	0	00	00	97	00	0	146	45	0	0	9	0	0	38	44	—	—	0	—	5.6	5
Kalat	Nokkundi	000	9	2	05	03	98	02	1	129	55	2	0	9	1	0	47	55	—	—	0	—	1.0	2
	Turbat	000	0	0	13	02	98	00	0	144	64	0	0	9	0	0	57	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	6	36	02	97	03	0	152	67	2	5	5	0	5	62	65	—	—	0	—	3.8	5
	Pasni	000	3	6	29	02	97	03	2	146	62	0	0	9	4	4	59	61	+ 5	+ 4	0	— 0.7	5.4	6
Karachi Division	Ormara	000	0	4	27	01	96	03	1	137	68	4	0	9	0	1	65	61	—	—	0	— 0.1	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	135	60	0	0	9	0	0	36	55	—	—	0	—	0	8
	Karachi (Manora)	000	0	5	05	05	94	10	1	144	68	2	6	4	0	3	63	65	+ 6	+ 5	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	0	00	00	96	03	0	148	57	1	6	5	0	6	55	55	—	—	0	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	133	64	0	0	9	0	0	41	xx	—	—	0	—	27.3	—
	Umerkot	000	0	2	11	02	97	02	0	139	58	0	0	8	0	8	39	50	—	—	0	—	18.1	—
	Hyderabad	000	0	2	00	00	95	10	1	145	57	0	0	8	0	1	49	54	+ 6	+ 2	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	133	53	0	0	9	0	0	49	51	+ 7	0	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	5	00	00	96	03	1	142	46	0	0	9	0	6	43	45	—	—	0	—	11.1	—
	Nawabshah	000	0	3	00	00	96	03	0	157	50	0	0	9	0	5	43	47	—	—	0	—	9.3	—
	Sukkur	000	9	6	13	02	95	01	2	140	54	0	0	9	0	3	50	50	—	—	0	—	2.2	4
	Kashmore	000	0	4	00	00	99	02	2	159	48	4	1	6	0	0	33	36	—	—	0	—	1.8	—
	Jacobabad	000	0	2	00	00	96	02	0	143	51	0	0	9	0	2	40	50	— 4	+ 4	0	— 0.1	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *	xxx	x	6	00	00	96	02	2	522	51	6	0	9	4	0	52	52	—	—	—	—	—	26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	9	6	00	00	97	02	1	494	37	2	5	5	8	0	22	33	+ 3	— 2	3.3	+ 1.9	72.5	59
Peshawar	Drosh *	000	2	7	00	00	97	03	2	512	36	4	0	9	4	2	17	34	— 1	— 1	0.9	—	23.9	18
	Cherat *	000	0	8	05	03	98	03	1	530	47	0	0	9	8	0	41	40	— 1	— 3	1.7	+ 0.8	35.2	29
	Kakul *	000	9	7	34	03	98	02	1	488	44	1	5	7	4	1	24	49	—	—	3.7	—	40.0	—
	Landikotal *	000	0	6	00	00	97	03	1	469	38	0	0	9	0	9	27	34	—	—	1.9	—	15.0	—
	Parachinar *	000	0	6	00	00	98	03	2	494	38	6	1	8	0	0	32	36	— 2	+ 4	0.6	—	29.8	29
D. I. Khan	Miranshah *	000	0	9	00	00	98	02	3	474	42	8	4	8	0	0	32	35	—	—	0.1	— 0.3	7.8	13
	Wana *	000	0	6	00	00	99	01	1	513	38	6	0	9	1	0	30	34	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	01	0	494	40	0	0	9	0	0	06	37	+ 5	+ 3	0.1	— 0.2	11.4	11
	Hindubagh *	000	0	3	25	02	97	00	0	510	42	0	0	8	2	0	24	21	—	—	0.3	—	6.1	—
	Loralai *	000	0	0	31	01	99	01	0	352	35	0	0	9	0	0	28	32	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.4	34.7	14
	Quetta *																		—	—				9
	Chaman *	000	0	3	27	03	98	01	1	494	53	3	2	7	0	0	35	47	+ 8	+ 10	0.6	— 0.6	4.8	8
	Nushki *	000	0	2	13	05	98	03	0	554	57	2	0	9	1	0	47	48	—	—	0	—	3.8	—
	Dalbandin *	000	9	2	29	03	97	03	1	466	49	2	0	9	3	0	41	46	+ 11	+ 9	0.2	— 0.1	2.8	4
Kalat	Kalat *	000	0	0	27	02	98	00	0	481	47	0	0	9	0	0	29	37	0	+ 11	0.2	— 0.4	13.1	7
	Panjgur *	000	0	2	00	00	98	02	0	482	47	2	0	9	7	0	43	46	+ 6	+ 5	0.2	—	8.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since [illegible] hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

[illegible] is given as RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 15th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	53 257	570 00	3 15 09	99 0 20	140 76	31 6 00	35 4 00	...	05 2 68	11 7 23
Molenkerk	53 127	562 00	4 03 10	98 0 21	122 77	04 6 00	65 7 06	...	05 1 63	10 3 21
Caltex Utrecht	53 227	598 06	1 20 10	98 0 20	171 76	12 4 00	...	...	00 1 76	14 9 x2
Elysia	53 175	567 06	7 07 03	98 0 22	164 79	84 6 xx	15 2 10	...	00 1 59	10 7 32
Cheverney	53 250	577 12	3 09 09	98 0 11	157 77	32 6 00	36 6 04	...	00 0 67	10 9 21
Caltex Utrecht	53 214	596 12	6 13 02	99 0 21	135 77	61 3 00	...	...	00 1 68	11 2 21

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 135 113	...	...	146 092 032	...	303 542 992	423 608 999	561 668 992	725 785 992	927 882	...	...	...
Jiwani ...														
Karachi ...	00 00	012 152 135	121 192 172	..	147 125 032	...	312 075 515	407 512 995	583 592 998	749 698 998	956 840	228 025	412 082	...
Lahore ...	00 00	989 135 062	118 xxxxxx	...	145 090 530	...	308 026 582	431 548 995	573 622 998	740 725 995	946 825	...	...	..
Multan ...														
Peshawar ...	00 00	972 072 508	...	..	148 082 012	...	305 522 638	426 582 752	565 558 995	731 748 995	935 870	...	...	...
Quetta ...	00 00	830 050 510	...	...	...	...	305 572 655	424 655 992	590 722 995	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 115 052	800 008 528	719 532 652	...	...	...	...	...	...	719 532 652	...	...
Jiwani ...													
Karachi ...	00 00	974 212 188	900 165 032	800 108 522	612 505 752	...	...	...	...	...	612 505 752	...	...
Lahore ...	00 00	900 112 505	800 068 582	...	...	...	...	...	...	...	800 068 592	...	...
Multan ...													
Peshawar ...	00 00	900 125 605	800 048 522	...	...	...	..	...	...	...	800 048 522	...	...
Quetta ...	00 00	800 035 545	785 032 618	766 000 900	...	...	...	...	...	...	766 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)

St—Character of tropopause

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	29 09	29 09	29 07	29 07	24 17	27 20	...	...	...
Chaklala ...	...	28 10	29 06	29 03	04 03	31 10	30 22	30 31	...
Chhor ...	27 01	09 03	09 04	14 02	27 10	29 17	29 37	29 46	...
Chittagong ...	30 07	32 06	35 07	34 09	28 14	26 22	...	...	...
Cox's Bazar ...	32 11	34 08	35 10	34 15	30 17	...	...	...	...
Dacca ...	31 08	29 07	29 08	30 12	29 17	28 17	26 32	27 43	27 49
Dalbandin ...	...	...	21 11	22 15	24 16	24 21	27 45	27 51	27 55
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 06	02 11	36 04	30 03	28 03
Fort Sandeman ...	...	...		24 09	22 07	26 19	26 20	...	...
Jacobabad ...	09 05	09 02	16 02	20 13	24 22	30 38	...	...	...
Jessore ...	30 07	30 07	29 07	27 06	26 17	27 20	...	...	...
Jhelum ...	29 03	30 06	30 07	33 08	34 07	30 18	31 29	30 34	31 39
Jiwani ...	21 05	23 06	23 09	26 13	25 12	27 19	28 35	26 45	27 53
Karachi ...	21 12	23 06	36 04	15 06	25 07	30 17	28 30	30 35	30 44
Khanpur ...	34 02	20 05	20 06	22 10	23 14	24 27	...	...	...
Lahore ...	29 04	29 08	28 07	31 11	34 13	32 13	32 23	31 36	...
Multan ...	17 07	18 10	18 12	22 10	26 12	27 19	29 23	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 15	22 14	26 16	...	...	...
Peshawar ...	...	17 05	27 08	31 11	29 06	25 12	23 17	...	...
Quetta ...	...	...	...	...	04 01	27 09	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 09	25 10	27 08	28 11	27 11	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	34 15	34 12	30 07	29 09	27 19	30 17
Chaklala ...	...	07 05	23 01	26 04	28 05	29 09
Chhor ...	26 05	25 06	21 06	21 09	22 12	21 14
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	36 14	35 10	35 10	34 12	30 22	28 40
Dacca ...	32 10	30 08	29 09	30 12	28 18	29 13
Dalbandin ...	...	...	28 03	25 16	25 13	34 15
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	22 01	29 01	26 02
Fort Sandeman ...	...	...	...	21 04	26 11	29 11
Jacobabad ...	05 02	17 01	17 03	22 13	27 15	32 21
Jessore ...	33 07	33 10	34 14	34 10	01 06	
Jhelum ...	33 06	32 09	32 11	29 11	28 11	27 06
Jiwani ...	25 01	25 10	26 11	28 14	31 15	26 31
Karachi ...	...	...	...	...	...	...
Khanpur ...	17 08	19 07	22 08	25 05	26 10	26 14
Lahore ...	35 07	33 07	32 08	34 08	31 09	28 15
Multan ...	18 04	18 05	20 08	22 10	23 15	25 27
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 15	27 15	28 31
Peshawar ...	...	08 04	16 06	28 12	26 10	24 15
Quetta ...	...	...	...	...	23 01	29 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	13 06	14 03	30 02	25 04	23 09	29 10
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	31 02	34 08	35 08	33 07	32 06	29 18	30 19	31 41	31 57	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	23 06	22 08	21 11	23 12	21 09	28 23	29 34	28 36	28 46	...	...
Chittagong ...	30 05	33 07	34 09	33 13	29 17	29 19	29 48	...	...	...	...
Cox's Bazar ...	xx xx	xx xx	xx xx	35 09	32 17	29 29	29 63	28 69	28 62	...	...
Dacca ...	33 07	28 06	27 09	27 13	28 14	30 20	30 26	30 49	29 57	29 74	...
Dalbandin ...	..	...	19 01	25 14	26 16	27 21	28 29	28 47	27 51	27 58	27 [illegible]
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 05	36 02	...	...	...	...	...
Fort Sandeman ...	...	...	...	27 01	23 12	25 12	27 26	27 27	27 35	...	...
Jacobabad ...	27 02	22 04	33 08	24 12	28 56	28 73	...	...	...	...	...
Jessore ...	35 21	33 06	33 04	31 11	30 13	30 15	31 49	30 61	30 64	...	...
Jhelum ...	01 04	31 09	31 08	28 10	29 09	28 09	27 13	26 16	27 27	27 34	...
Jiwani ...	29 09	26 13	26 13	28 12	29 17	28 28	28 35	27 38	27 38	...	...
Karachi ...	27 09	27 13	27 13	26 11	27 13	08 30	27 25	28 31	27 38	...	...
Khanpur ...	25 03	23 07	24 13	25 15	25 11	25 15	30 27	29 41	29 63	...	...
Lahore ...	30 04	28 04	28 08	27 10	29 12	31 15	27 22	28 19	28 23	28 48	29 78
Multan ...	16 09	16 11	16 10	23 10	24 12	26 12	28 23	29 25	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	27 17	29 19	29 40	28 25	27 35	27 09	28 71	...
Peshawar ...	...	03 01	27 01	35 04	33 01	27 04	...	...	...	...	...
Quetta ...	...	...	...	...	21 05	22 13	25 22	26 37	25 41	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	16 06	14 06	14 04	15 03	30 02	33 12	29 22	29 25	29 24	29 33	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	32 09	31 10	29 09	29 11	29 19	29 22	31 19	30 36	28 53	29 70	29 95	28 62	28 70	...	...	...	...	...
Karachi ...	28 12	28 12	26 11	26 10	26 10	32 30	29 34	29 54	28 60	29 72	28 97	29 01	xx xx	27 19	29 73	27 89	...	...
Peshawar ...	..	32 07	34 06	33 09	34 12	32 13	32 26	30 30	31 40	31 70	30 74	—	...	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

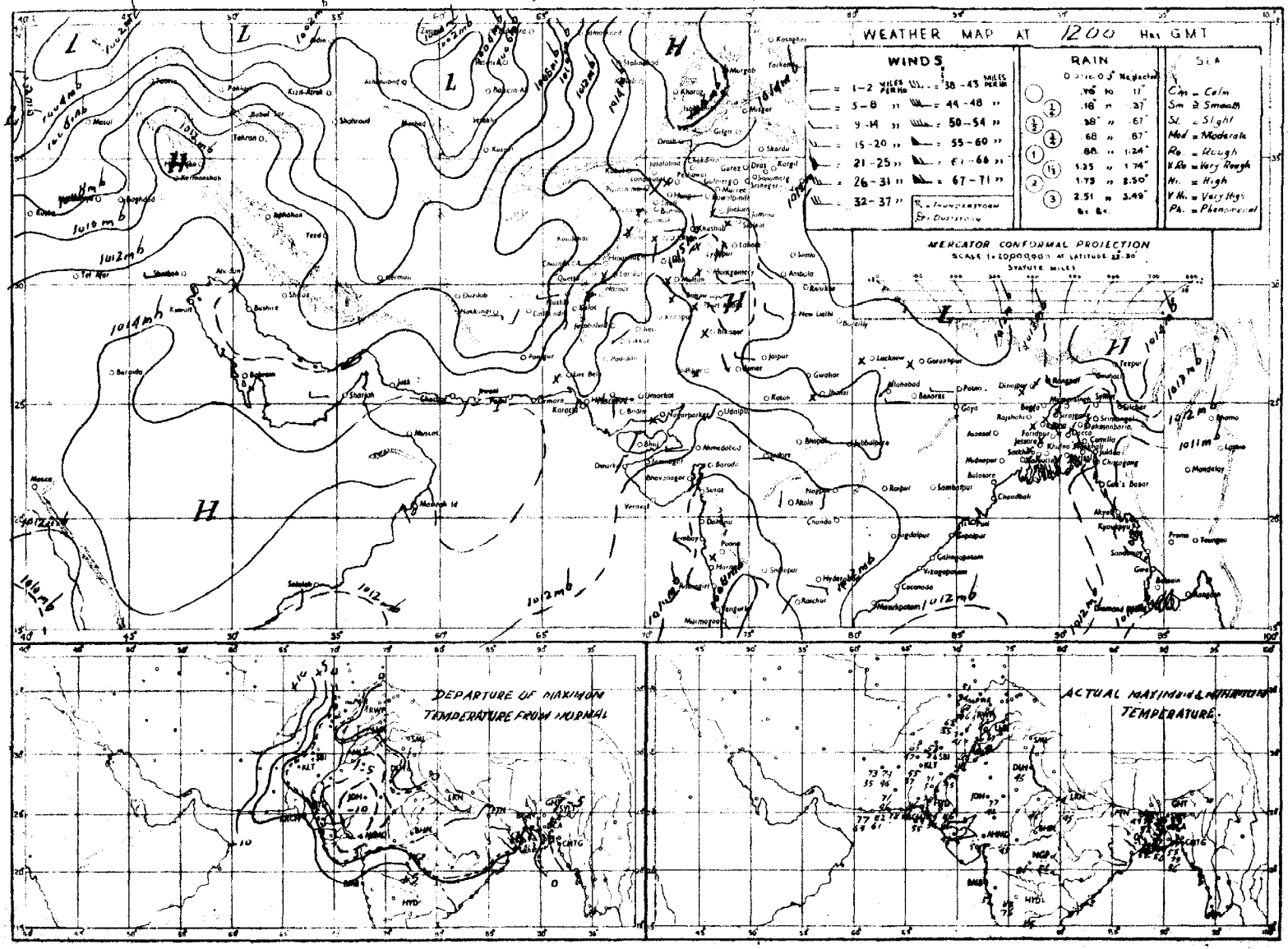
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 712 02 848
05 530 32 805

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-15.

PAKISTAN DAILY WEATHER MAP

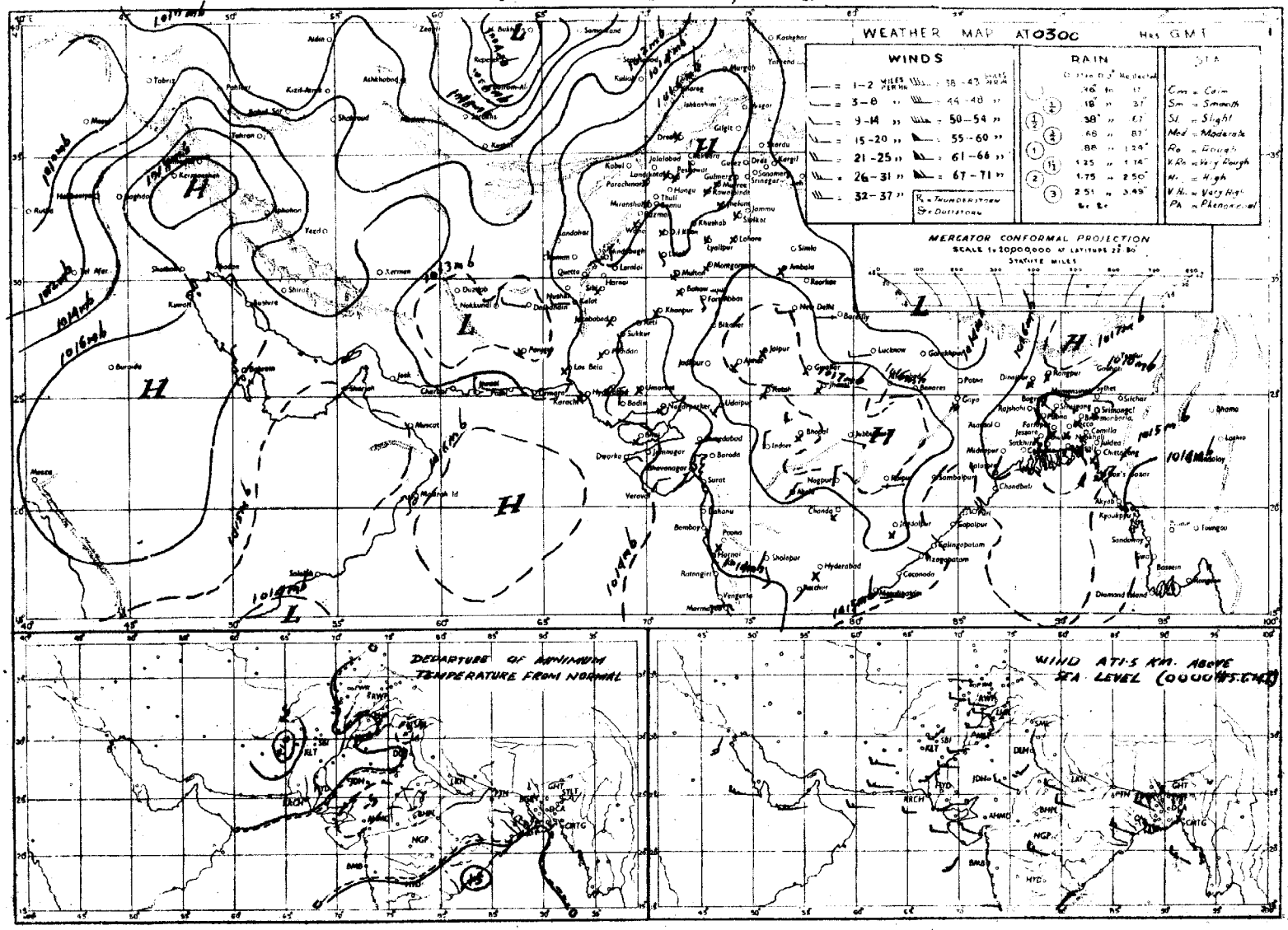
THURSDAY, 14th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 15th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to last 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 16th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The western disturbance affecting North Iraq now lies over Caspian Sea and adjoining Iran.

Yesterday's western disturbance north of Afghanistan lies north of Kashmir and has induced a secondary now lying over Quetta and D. I. Khan divisions.

A feeble cyclonic circulation exists over northwest Rajasthan and adjoining areas of West Pakistan.

Rain/thundershowers have been local in Rawalpindi, Peshawar and Quetta divisions. Light rain/drizzle has also been reported from Lahore, Sargodha, Multan, D. I. Khan, Kalat and Karachi divisions.

Chief amounts of rainfall are:-Murree, Cherat and Kakul ½" each and Haripur and Landikotal ¼" each.

Night temperatures were generally 4-9°F above normal over West Pakistan outside Rawalpindi, Peshawar and Multan divisions and 3-5°F below normal in East Pakistan.

Forecast valid until the evening of 17th December, 1961:—Rain/thundershowers will be local in Rawalpindi, Peshawar divisions and Kashmir and scattered in Lahore, Sargodha, D. I. Khan and Quetta divisions with a few falls of snow in the hills. Light rain/drizzle may also fall in Multan, Kalat and Karachi divisions.

Karachi-11
The 16th December, 1961.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	0:0	0	9	27	02	xx	00	0	136	68	9	x	0	x	x	58	76
	Cox's Bazar	000	0	0	36	05	xx	02	0	121	69	0	0	9	0	0	57	77
	Chittagong	000	0	0	00	00	xx	00	0	129	68	0	0	9	0	0	53	77
	Maijdee Court	000	9	0	00	00	xx	10	0	130	65	0	0	9	0	0	54	75
	Comilla	000	0	0	00	00	96	02	0	121	65	0	0	9	0	0	56	75
	Brahmanbaria	000	0	0	00	00	xx	00	0	132	65	0	0	9	0	0	54	75
	Sylhet	000	0	0	00	00	xx	02	1	126	65	0	0	9	0	0	54	74
	Srimangal	000	0	0	00	00	xx	00	0	xxx	58	0	0	0	0	0	57	78
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	133	68	0	0	9	0	0	58	75
	Narayanganj	000	9	1	00	00	xx	01	0	133	67	1	5	5	0	0	53	79
	Dacca (Tezgaon)	000	0	1	27	02	97	02	0	129	65	1	0	9	0	0	53	76
	Faridpur	000	0	0	00	00	94	05	0	129	65	0	0	9	0	0	60	72
Khulna	Barisal	000	0	0	27	02	94	02	1	123	72	0	0	9	0	0	69	79
	Khulna	000	0	0	00	00	xx	00	0	129	68	0	0	9	0	0	59	78
	Satkhira	000	0	0	00	00	97	00	0	138	68	0	0	9	0	0	54	76
	Jessore	000	0	0	36	02	97	00	0	126	69	0	0	9	0	0	58	77
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	134	66	0	0	9	0	0	56	75
	Sirajganj	000	0	0	00	00	xx	00	0	115	64	0	0	9	0	0	57	75
	Bogra	000	0	0	27	02	xx	02	0	131	64	0	0	9	0	0	55	74
	Dinajpur	000	0	0	00	00	xx	00	0	130	65	0	0	9	0	0	53	75
	Rangpur	000	0	1	00	00	xx	01	0	124	62	1	0	9	1	0	53	74
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	3	00	09	96	03	4	114	69	3	0	9	7	0	47	73
	Sialkot	000	0	4	00	03	97	02	0	110	65	2	0	9	3	4	51	68
Rawalpindi	Jhelum	000	2	6	00	00	98	02	2	109	65	6	0	9	7	0	45	73
	Rawalpindi	000	0	8	27	02	97	02	2	118	57	8	5	6	0	0	35	64
	Campbellpur	000	0	8	05	01	96	03	2	131	56	0	0	9	0	0	38	60
Sargodha	Khushab	000	0	4	00	00	99	03	1	203	67	0	0	9	7	0	39	73
	Lyallpur	000	0	5	00	00	96	02	0	132	63	0	0	9	4	0	47	65
Multan	Montgomery	000	0	0	00	00	96	00	0	109	70	0	0	9	0	0	40	74
	Multan	000	0	0	00	00	97	02	0	095	71	0	0	9	0	0	43	75
	Leiah	000	0	0	31	03	97	00	0	186	65	0	0	9	0	0	48	71
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	093	73	1	0	9	3	0	53	77
	Bahawalpur	000	0	0	00	00	98	00	0	128	75	0	0	9	0	0	58	80
	Fort Abbas	000	0	0	00	00	98	00	0	093	75	0	0	9	0	0	62	77
Peshawar	Chakdara	000	0	6	09	01	95	03	0	116	50	6	0	9	2	0	39	50
	Peshawar	000	0	8	23	10	97	02	2	126	57	4	5	6	2	x	40	59
	Haripur	000	4	5	20	03	95	03	2	123	55	5	6	6	0	0	41	62
D. I. Khan	Bannu	000	0	8	31	10	97	07	3	119	58	0	0	9	0	0	43	53
	D. I. Khan	000	0	0	00	00	98	00	0	065	67	0	0	9	0	0	48	71
Quetta	Sibi	000	0	0	00	00	98	00	0	092	75	0	0	9	0	0	41	78
Kalat	Nokkundi	000	0	0	31	03	98	02	0	057	80	0	0	9	0	0	51	82
	Turbat	000	0	0	13	03	98	00	0	102	80	0	0	9	0	0	54	84
	Jiwani	000	0	4	31	13	97	02	1	119	76	0	0	9	0	2	66	79
	Pasni	000	8	6	25	14	97	07	1	104	78	0	0	9	0	2	67	81
Karachi Division	Ormara	000	0	3	27	07	96	03	1	102	76	3	0	9	0	1	68	78
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	6	27	12	98	03	2	105	78	4	6	4	0	1	71	86
	Karachi (Airport)	000	0	2	23	07	96	01	2	104	77	2	2	5	0	0	66	81
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	106	79	0	0	9	0	0	55	84
	Umarkot	000	0	1	20	01	98	02	0	096	79	0	0	8	0	8	50	89
	Hyderabad	000	0	1	23	03	97	01	0	095	79	1	0	7	3	0	57	84
	Badin	000	0	0	36	02	97	00	0	128	82	0	0	9	0	0	45	87
Khairpur	Padidan	000	0	3	13	03	97	02	1	106	79	0	0	9	0	8	51	80
	Nawabshah	000	0	4	23	05	96	03	0	096	80	3	0	9	3	6	51	83
	Sukkur	000	8	5	34	02	97	08	2	090	74	5	0	9	6	0	53	79
	Kashmore	000	0	0	00	09	99	00	0	186	67	0	0	9	0	0	23	74
	Jacobabad	000	0	1	13	02	97	02	0	094	74	0	0	9	0	1	44	77
Junagadh	Veraval	xxx	x	1	25	03	97	01	0	102	85	0	0	9	0	1	52	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	8	00	00	96	02	4	484	43	8	5	6	x	x	01	45
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	xxx	x	7	05	02	95	03	0	048	81	0	0	9	2	0	19	91
	Aliabad *																	
	Gilgit *	xxx	x	8	00	00	97	02	2	532	44	8	5	8	x	x	17	47
Rawalpindi	Murree *	000	6	8	00	00	96	03	1	472	39	8	5	5	x	x	28	47
Peshawar	Drosh *	000	0	3	00	00	95	03	2	476	44	8	5	7	x	x	22	50
	Cherat *	013	3	8	13	05	96	50	5	xxx	45	8	9	6	0	0	41	52
	Kakul *	000	5	7	13	03	96	03	2	472	49	7	8	7	0	0	28	56
	Landikotal *	000	0	8	00	00	97	03	0	460	51	8	0	9	2	x	26	54
	Parachinar *	013	5	8	00	00	97	61	6	484	37	8	7	5	x	x	22	45
D. I. Khan	Miranshah *	000	0	8	05	05	97	02	3	442	52	8	4	8	0	0	37	55
	Wana *	000	0	6	00	00	99	20	2	505	45	6	1	9	0	0	41	54
Quetta	Fort Sandeman *	000	0	6	34	01	95	03	0	452	61	6	5	7	x	0	33	69
	Hindubagh *	000	0	2	25	12	97	00	0	440	56	2	8	6	0	0	38	58
	Loralai *	000	0	4	13	03	99	00	1	425	59	0	0	9	1	1	38	62
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	x	x	0	0	0	xx	xx
	Quetta *	000	0	7	27	03	96	03	2	444	63	0	3	5	0	0	35	64
	Chaman *	000	0	7	27	07	98	02	1	444	64	7	2	5	0	0	49	67
	Nushki *	000	0	3	23	05	98	03	0	501	70	3	0	9	6	0	xx	73
	Dalbandin *	000	8	1	xx	xx	96	03	0	473	73	1	1	8	0	0	44	76
Kalat	Kalat *	000	0	0	27	02	98	00	0	445	57	0	0	9	0	0	39	60
	Panjgur *	000	0	5	23	05	98	02	2	477	71	0	0	9	5	0	40	73
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	5	0	36	02	97	00	4	171	63	0	0	9	0	0	57	55
Cox's Bazar	000	0	3	01	05	97	01	2	147	65	0	0	9	0	0	55	57
Chittagong	000	0	0	07	02	96	00	0	156	64	0	0	9	0	0	53	53
Maijdee Court	000	9	0	00	00	97	00	4	156	65	0	0	9	0	0	54	51
Comilla	000	0	0	00	00	97	02	0	144	64	0	0	9	0	0	53	51
Brahmanbaria	000	0	0	36	02	97	00	0	159	63	0	0	9	0	0	56	52
Sylhet	000	0	0	09	05	96	02	0	159	63	0	0	9	0	0	52	53
Srimangal	000	0	0	06	05	96	00	0	xxx	64	0	0	9	0	0	59	42
Mymensingh	000	0	0	13	02	97	00	0	166	61	0	0	9	0	0	56	52
Narayanganj	000	9	0	00	00	95	05	4	159	67	0	0	9	0	0	55	xx
Dacca (Tezgaon)	000	0	0	31	02	96	02	0	153	63	0	0	9	0	0	55	51
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barisal	000	0	0	00	00	97	02	1	157	68	0	0	9	0	0	58	56
Khulna	000	0	0	00	00	97	00	0	161	67	0	0	9	0	0	59	54
Satkhira	000	0	0	00	00	97	00	0	165	61	0	0	9	0	0	54	49
Jessore	000	0	0	05	02	97	00	0	163	61	0	0	9	0	0	56	47
Pabna	000	0	0	00	00	93	28	4	162	63	0	0	9	0	0	55	53
Sirajganj	000	0	0	00	00	97	00	0	160	64	0	0	9	0	0	57	51
Bogra	000	0	0	00	00	96	02	0	158	59	0	0	9	0	0	54	50
Dinajpur	000	0	0	00	00	96	00	0	164	62	0	0	9	0	0	51	47
Rangpur	000	6	0	05	02	94	42	4	168	59	0	0	9	0	0	55	49
Jammu																	
Lahore (Jail Rd.)	004	8	7	05	03	96	51	5	130	53	4	3	7	2	0	48	51
Sialkot	000	2	8	00	00	97	20	5	146	53	8	7	5	0	0	19	44
Jhelum	004	4	8	00	00	96	02	6	131	51	4	5	6	2	x	48	50
Rawalpindi	017	0	8	05	02	96	02	5	140	48	8	5	6	0	c	45	37
Campbellpur	000	0	4	23	01	98	01	1	146	48	0	0	9	0	0	46	xx
Khushab	000	1	7	09	02	96	50	5	129	53	7	2	6	0	0	49	42
Lyallpur	007	5	5	00	00	96	02	5	124	52	5	0	9	4	0	48	43
Montgomery	002	2	5	13	07	96	01	5	107	55	5	0	5	4	0	42	44
Multan	000	3	4	36	05	97	02	5	123	52	6	0	9	7	0	44	49
Leiah	000	0	0	31	03	97	00	0	191	38	0	0	9	0	0	30	35
Khanpur	000	0	4	36	03	96	03	0	xxx	53	4	0	9	3	0	45	50
Bahawalpur	000	0	2	31	02	96	03	0	201	53	0	0	9	0	0	49	48
Fort Abbas	000	0	0	00	00	98	00	0	117	52	0	0	9	0	0	38	47
Chakdara	014	3	7	18	01	95	50	5	138	40	7	0	9	9	0	38	39
Peshawar	000	9	5	00	00	96	02	5	147	43	1	0	9	3	1	13	42
Haripur	021	7	8	36	02	95	03	6	125	46	8	7	6	0	0	44	42
Bannu	000	2	6	27	02	98	10	1	139	47	0	0	9	8	0	45	44
D. I. Khan	000	2	4	00	00	98	01	1	136	48	0	0	9	4	0	44	44
Sibi	000	0	0	36	02	97	00	0	115	49	0	0	9	0	0	40	45
Nokkundi	000	6	5	34	02	98	03	1	133	57	5	0	9	4	0	43	55
Turbat	000	0	0	00	00	97	00	0	109	63	0	0	9	0	0	59	xx
Jiwani	000	0	7	31	05	97	03	1	115	65	1	5	5	0	1	63	65
Pasni	000	3	6	29	02	97	03	2	107	63	0	0	9	4	3	62	62
Ormara	000	0	6	27	04	96	03	1	105	73	6	1	5	0	1	71	68
Lasbela	000	0	0	xx	xx	98	00	0	128	65	0	0	9	0	0	35	57
Karachi (Manora)	000	0	5	27	12	97	03	2	104	72	0	0	9	9	0	66	67
Karachi (Airport)	006	4	5	20	02	96	03	5	105	70	0	0	9	0	1	68	57
Nagarparkar	000	0	0	05	02	97	00	0	146	65	0	0	9	0	2	43	xx
Umarkot	000	0	0	20	02	97	02	0	101	65	0	0	9	0	0	62	58
Hyderabad	000	0	5	00	00	95	10	1	106	61	0	0	8	0	1	53	60
Badin	000	0	4	18	02	97	01	0	115	64	0	0	9	0	1	61	62
Padidan	000	0	0	31	05	96	02	0	110	51	0	0	9	0	0	47	45
Nawabshah	000	0	0	00	00	96	02	0	120	64	0	0	9	0	0	48	53
Sukkur	000	4	0	02	05	96	02	1	109	57	0	0	9	0	0	42	53
Kashmore	000	0	0	00	00	96	00	0	157	47	0	0	9	0	0	32	35
Jacobabad	000	0	2	30	12	96	02	0	118	55	3	0	9	3	0	42	51
Veraval	xxx	x	2	34	05	97	03	0	118	60	0	0	9	0	1	54	57
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	xxx	x	9	00	00	94	xx	x	462	xx	x	x	9	x	x	51	xx
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...
Aliabad *																	
Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Murree *	060	9	9	13	09	97	01	4	460	30	9	x	0	x	x	30	28
Drosh *	000	9	6	00	00	97	01	2	463	38	2	5	6	4	0	29	36
Cherat *	043	0	0	00	00	96	00	1	450	36	0	0	9	0	0	31	33
Kakul *	042	9	8	31	02	96	60	6	464	39	8	7	3	x	x	37	37
Landikotal *	000	0	2	00	00	99	01	0	444	38	2	0	9	3	0	35	37
Parachinar *	021	0	0	00	00	98	03	6	452	35	8	1	8	0	0	31	xx
Miranshah *	009	0	4	00	00	98	03	2	418	40	4	4	9	0	0	38	35
Wana *	015	1	6	00	00	97	03	2	505	40	6	1	9	0	0	38	36
Fort Sandeman *	016	7	8	00	00	95	05	6	470	38	8	5	5	x	0	37	38
Hindubagh *	000	0	0	25	14	97	00	0	459	43	0	0	9	0	0	26	26
Loralai *	000	0	0	31	03	99	00	0	416	45	0	0	9	0	0	30	34
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	005	0	0	31	02	96	00	0	483	47	0	0	9	0	0	25	33
Chaman *	000	0	0	09	07	98	00	0	478	44	0	0	9	0	0	35	40
Nushki *	011	0	4	00	00	98	01	0	526	58	4	0	9	6	0	49	56
Dalbandin *	000	9	6	00	00	97	03	1	481	52	1	5	7	4	0	39	51
Kalat *	002	0	0	16	02	98	00	0	472	37	0	0	9	0	0	35	35
Panjgur *	000	0	1	05	02	98	02	0	466	45	0	0	9	0	3	45	45
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—	—	0.1	—	155.5	—
Cox's Bazar	−3	−1	0.9	−3.0	156.7	140
Chittagong	−2	−4	0.1	−2.6	170.7	108
Maijdee Court	−3	−7	0	−1.8	122.6	115
Comilla	−4	−3	0	−1.6	77.0	94
Brahmanbaria	—	—	0	—	65.4	78
Sylhet	—	—	0.1		—	
Srimangal	−3	−6	1.0	−0.6	52.1	98
Mymensingh	−2	−2	0.3	−0.7	62.1	91
Narayanganj	+1	xx	0.4	−0.7	73.9	74
Dacca (Tezgaon)	—	—	0	—	81.2	—
Faridpur	−4					71
Barisal	+1	+1	0	−1.8	65.4	81
Khulna	0	−1	0	−1.2	57.3	68
Satkhira	−4	−3	0	0	−1.8	65
Jessore	−1		0	−1.0	59.0	65
Pabna	—	—	0.1	—	50.5	59
Sirajganj	−2	−2	0.7	−0.1	50.0	64
Bogra	−3	−3	0.3	−0.6	53.6	69
Dinajpur	−2	−3	0.1	−0.4	51.7	72
Rangpur	−2	−2	0.1	−0.4	60.2	84
Jammu						—
Lahore (Jail Rd.)	0	+12	0.1	−0.2	51.2	19
Sialkot	−2	+2	0.9	+0.5	35.9	32
Jhelum	—	—	1.0	—	35.8	
Rawalpindi	−4	0	1.9	+1.2	54.1	36
Campbellpur	—	—	0.8	—	17.6	—
Khushab	0	+1	0	−0.2	11.2	15
Lyallpur	−5	+2	0.1	−0.1	14.0	12
Montgomery	+1	+2	0.1	0.0	10.3	10
Multan	+3	+7	0	−0.2	7.5	7
Leiah	—	—	0	—	10.6	8
Khanpur	+1	+7	0	−0.2	12.6	6
Bahawalpur	+6	+5	0	−0.1	4.9	6
Fort Abbas	—	—	0	—	3.1	8
Chakdara	—	—	2.4	—	27.8	—
Peshawar	−8	+2	1.4	+0.8	19.2	11
Haripur	—	—	2.1	—	30.5	—
Bannu	—	—	0.5	—	14.4	11
D. I. Khan	−2	+4	0	−0.2	7.7	9
Sibi	—	—	0	—	5.6	5
Nokkundi	—	—	0	—	1.0	2
Turbat	—	—	1.0	—	12.3	—
Jiwani	—	—	0	—	3.8	5
Pasni	+4	+7	0	−0.8	5.4	6
Ormara	—	—	0	−0.1	9.9	6
Lasbela	—	—	0	—	0	8
Karachi (Manora)	+7	+8	0	−0.1	9.9	8
Karachi (Airport)	—	—	0.1	—	24.7	—
Nagarparkar	—	—	0	—	27.3	—
Umarkot	—	—	0	—	18.1	—
Hyderabad	+5	+9	0	−0.1	12.9	7
Badin	+6	+11	0	−0.2	14.8	9
Padidan	—	—	0	—	11.1	—
Nawabshah	—	—	0	—	9.3	—
Sukkur	—	—	0	—	2.2	4
Kashmore	—	—	0	—	1.8	—
Jacobabad	+2	+6	0	−0.2	0.3	4
Veraval	xx	−5	—	—	—	30
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *	−5	—	—	—	—	26
Gulmarg **						—
Sonamarg **						71
Dras **						36
Leh **						3
Skardu *						6
Misgar **	—					—
Aliabad *						—
Gilgit *	−3					5
Murree *	+2	−11	3.9	+2.4	73.1	59
Drosh *	−2	+2	0.9	—	23.9	18
Cherat *	−3	−9	2.2	+1.1	35.6	29
Kakul *	—	—	4.1	—	40.4	—
Landikotal *	—	—	1.9	—	15.0	—
Parachinar *	−10	x	0.8	—	30.0	29
Miranshah *	—	—	0.2	−0.2	7.9	13
Wana *	—	—	0.7	—	12.0	11
Fort Sandeman *	+11	+7	0.3	−0.1	11.6	11
Hindubagh *	—	—	0.3	—	6.1	—
Loralai *	—	—	0	—	5.6	9
Harnai *	—	—	0.1	−0.4	34.7	14
Quetta *	—	—	0.5	0	6.7	9
Chaman *	+10	+4	0.5	+0.6	6.8	8
Nushki *	—	—	0.1	—	3.9	—
Dalbandin *	+13	+16	0.2	−0.1	2.8	4
Kalat *	+5	+9	0.2	−0.4	13.1	7
Panjgur *	+8	+6	0.2	—	5.2	8
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 16th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_tL_u$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, s PP	8 $N_sC_sh_sh_s$	OT,T$_s$T$_d$T$_d$	Id$_w$d$_w$P$_w$H
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	64 221	630 00	0 03 09	98 0 20	138 74	00 9 00	56 4 08	...	05 6 59	10 0 x0
British Consul	63 167	596 00	3 99 02	99 0 21	143 74	xx x xx	14 7 03	...	05 3 64	1x x 20
British Consul	63 149	512 00	2 07 05	99 0 20	135 76	21 7 00	14 6 12	...	05 2 67	10 7 21
Alfred Fristinac	63 211	595 06	1 08 08	99 0 0d	195 77	10 6 43	16 2 27	...	00 4 64	10 0 04
Elyna	63 214	627 06	2 09 02	98 0 20	170 80	00 9 01	15 1 29	...	00 2 60	10 9 xx
Maverny	63 206	593 06	4 36 04	98 0 20	187 79	42 6 00	56 1 05	...	00 1 66	10 0 80
Dumra	63 191	627 12	6 34 08	99 0 31	113 77	00 9 01	25 7 20	...	05 6 72	12 4 12
Elysia	63 224	639 12	9 34 02	98 0 20	122 80	00 9 01	15 7 13	...	00 3 60	13 4 xx
British endeavor	63 228	596 12	1 04 08	99 0 20	131 89	11 4 08	36 6 05	...	01 1 75	10 4 21
Maren	63 193	610 18	4 33 13	98 0 21	107 79	22 4 70	66 1 12	...	05 2 76	10 3 32
Alfred Poisont	63 239	587 18	0 31 65	99 0 00	145 73	00 9 00	76 2 15	...	05 4 68	10 0 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$	1000 $_{mb}$	900$_{mb}$	850$_{mb}$	800$_{mb}$ h.HHTTTT$_d$T$_d$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$ HHHTTT	200$_{mb}$	150$_{mb}$	100$_{mb}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	00 00	012 118 085	111 138 053	...	145 075 572	...	305 018 978	428 558 999						
Jiwani ...	00 00	004 205 182			140 115 078		307 050 999	430 528 999	573 612 999	746 725 999	945 848	216 068	...	...
Karachi ...	00 00	007 212 202	092 212 192	...	141 850 410	...	307 072 999	432 518 999	575 615 999	743 715 999	...	...	...	...
Lahore ...	00 00	987 148 072	...	...	148 099 040	...	307 038 005	431 528 999	573 xxx 999	742 692 999	950 805	...	...	...
Multan ...														
Peshawar ...	00 00	970 10x xxx	...	...	144 078 078	...	302 515 515	424 572 572	563 668 668	738 762 999	...	...	...	...
Quetta ...	00 00	820 058 018	...	...	...	...	306 505 588	425 640 999	561 720 999	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	900 115 032	830 065 558	...	...	...	...	...	...	...	830 065 558	...	...
Jiwani ...	00 00	900 162 098	800 002 808								800 002 808		
Karachi ...	00 00	900 172 135	800 102 042	...	...	...	...	...	...	...	800 102 042	...	...
Lahore ...	00 00	900 112 015	800 075 005	...	...	...	...	...	...	...	800 075 005	...	...
Multan ...													
Peshawar ...	00 00	920 120 120	900 108 108	800 045 045	...	...	...	...	...	...	800 045 045	...	...
Quetta ...	00 00	800 075 518	...	...	...	...	...	...	...	...	800 075 518	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. → / STATION	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bagra ...	30 07	31 06	32 05	29 06	30 06	30 08	...	...	...
Chaklala ...	...	29 10	32 06	36 02	05 03	19 04	20 10	...	...
Chhor ...	22 07	22 09	22 10	22 21	28 18	27 29	29 27	28 30	28 59
Chittagong ...	31 07	31 09	31 09	02 05	31 07	...	...	...	...
Cox's Bazar ...	34 10	36 13	35 13	33 08	32 12	32 13	...	...	...
Dacca ...	28 06	29 05	34 04	36 04	36 04	28 11	31 15	31 37	30 49
Dalbandin ...	...	...	25 09	25 11	27 10	28 13	27 21	29 43	28 54
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	09 01	04 03	...	...	...
Fort Sandeman ...	...	...	...	21 01	20 07	...	...	...	...
Jacobabad ...	24 02	21 04	20 07	23 13	24 10	28 22	27 25	28 42	27 57
Jassore ...	34 02	34 05	33 05	33 07	32 10	31 20	31 24	...	...
Jhelum ...	20 03	24 03	25 03	26 04	28 06	30 09	31 12	...	...
Jiwani ...	25 14	27 13	27 13	29 21	29 23	28 31	28 39	27 33	...
Karachi ...	36 12	28 13	28 17	30 23	30 25	28 35	29 35	29 39	...
Khanpur ...	23 06	23 06	22 12	22 19	23 18	23 18	24 17	26 19	...
Lahore ...	07 03	09 04	09 03	07 03	09 08	09 15	09 12	09 18	08 31
Multan ...	15 04	17 06	16 07	23 14	24 17	25 20	25 20	...	...
Mysore ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	27 12	28 13	...	...	...	...
Peshawar ...	...	14 15	11 12	04 10	03 11	...	...	...	...
Quetta ...	...	...	...	...	26 18	26 13	27 15	...	...
Sibi ...	...	...	...	...	...	...	...	...	...
Sylhet ...	23 03	22 02	23 02	20 03	...	...	...	...	...
Varvel ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. → / STATION	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
11	12	13	14	15	16
Bagra ...	02 07	02 10	01 14	...	...	...
Chaklala ...	...	05 09	25 09	15 11	...	...
Chhor ...	24 23	25 20	24 18	14 15	22 17	29 20
Chittagong ...	01 12	01 06	36 05	33 05	26 03	27 14
Cox's Bazar ...	36 10	36 07	36 07	34 06	03 04	04 02
Dacca ...	01 06	01 06	01 09	36 06	29 02	29 19
Dalbandin ...	...	...	08 12	02 09	32 11	30 15
D. I. Khan ...	...	...	...	22 13	24 02	23 03
Drosh ...	...	...	...	28 03	28 13	29 40
Fort Sandeman ...	...	...	...	30 17	30 12	29 09
Jacobabad ...	09 23	10 10	24 30	...	...	...
Jassore ...	...	...	...	17 10	23 12	...
Jhelum ...	29 04	13 06	13 09	30 13	30 12	29 19
Jiwani ...	28 17	20 15	31 17	...	...	...
Karachi ...	...	...	...	02 28	31 25	...
Khanpur ...	01 21	02 29	02 28	19 16	22 15	...
Lahore ...	10 14	11 19	12 10	...	...	...
Multan ...	02 17	03 17	01 11	26 17	...	...
Mysore ...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 21	36 15	30 51
Peshawar ...	...	23 01	06 02	32 05	31 09	32 12
Quetta ...	...	...	...	...	21 02	25 08
Sibi ...	...	...	...	...	...	...
Sylhet ...	09 19	09 10	10 10	08 05	13 05	29 10
Varvel ...	...	...	...	...	...	...

Height in kms. a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
17	18	19	20	21	22	23	24	25	26	27
Bagra ...	36 04	33 05	32 05	28 04	31 09	29 26	28 29	28 24	...	...	...
Chaklala ...	...	10 05	15 15	16 15	18 15	...	...	...	...	...	...
Chhor ...	22 04	29 04	29 04	29 04	30 04	30 19	27 26	29 31	28 49	...	...
Chittagong ...	36 07	34 06	34 06	32 03	20 09	28 12	29 18	27 18	28 43	...	...
Cox's Bazar ...	36 12	35 12	35 13	17 09	18 10	24 06	29 10	29 24	28 32	...	...
Dacca ...	36 04	36 04	30 08	16 04	29 04	29 28	29 28	27 18	28 43	28 54	28 55
Dalbandin ...	...	...	10 08	36 08	35 16	32 25	29 22	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	36 04	01 03	36 09	27 03	...	...	...
Fort Sandeman ...	...	...	...	22 03	28 07	30 21	...	...	...	...	...
Jacobabad ...	10 11	06 08	03 07	31 10	32 12	27 43	...	...	...	...	...
Jassore ...	03 09	05 03	35 05	34 11	32 04	30 12	29 27	...	...	...	...
Jhelum ...	12 09	13 16	14 22	19 13	...	...	...	...	...	...	...
Jiwani ...	30 07	33 07	33 06	31 05	28 06	29 15	29 20	29 33	29 41	...	...
Karachi ...	26 07	27 09	27 10	29 08	31 11	28 17	28 26	28 27	28 46	...	...
Khanpur ...	04 15	06 10	23 13	27 12	30 15	28 17	...	...	...	...	...
Lahore ...	16 08	15 20	24 20	19 15	...	...	...	...	...	...	...
Multan ...	01 09	01 14	01 16	28 07	29 22	26 32	26 32	...	...	...	...
Mysore ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	01 12	36 18	33 12	29 29	28 37	29 56	...	...	...
Peshawar ...	...	18 01	10 02	31 02	27 10	27 23	27 17	26 19	28 33	...	...
Quetta ...	...	...	...	33 04	30 08	29 12	29 15	28 53	28 55	...	...
Sibi ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 03	11 04	09 05	09 09	08 02	25 14	27 21	27 26	28 37	...	...
Varvel ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. → / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	36 10	35 10	34 08	35 02	30 06						...	...	...	...	...	...	...	...
Karachi ...	28 17	27 10	30 16	30 15	30 17	29 19	29 23	28 37	29 66	28 86	33 36	32 41	33 51	...	...	...	...	...
Peshawar ...	..	11 06	02 10	32 11	32 20	36 29	27 27	36 33	29 51	31 29	...	...	...	...	...	...	...	...
Quetta ...																		

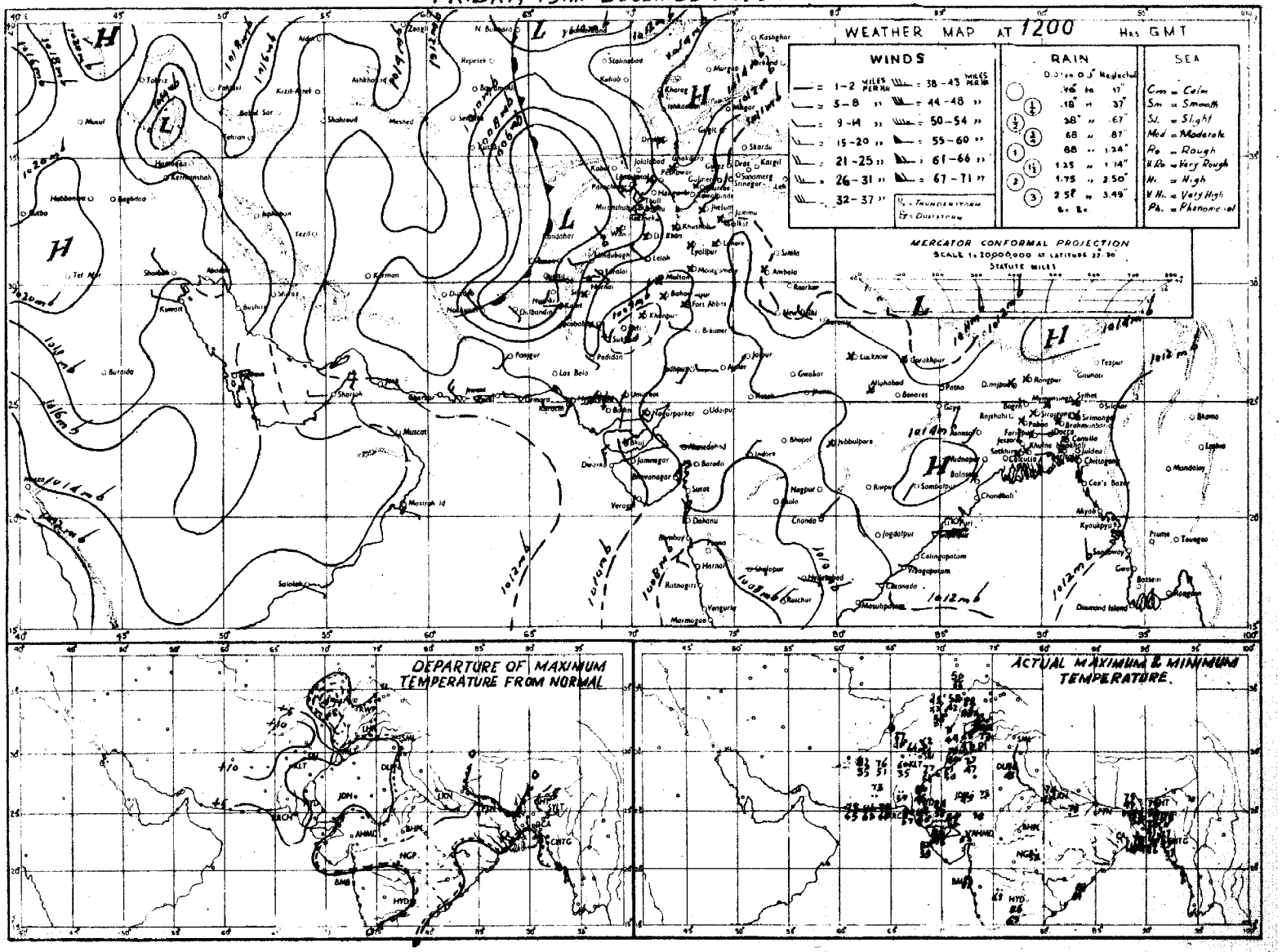
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_TV_T etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

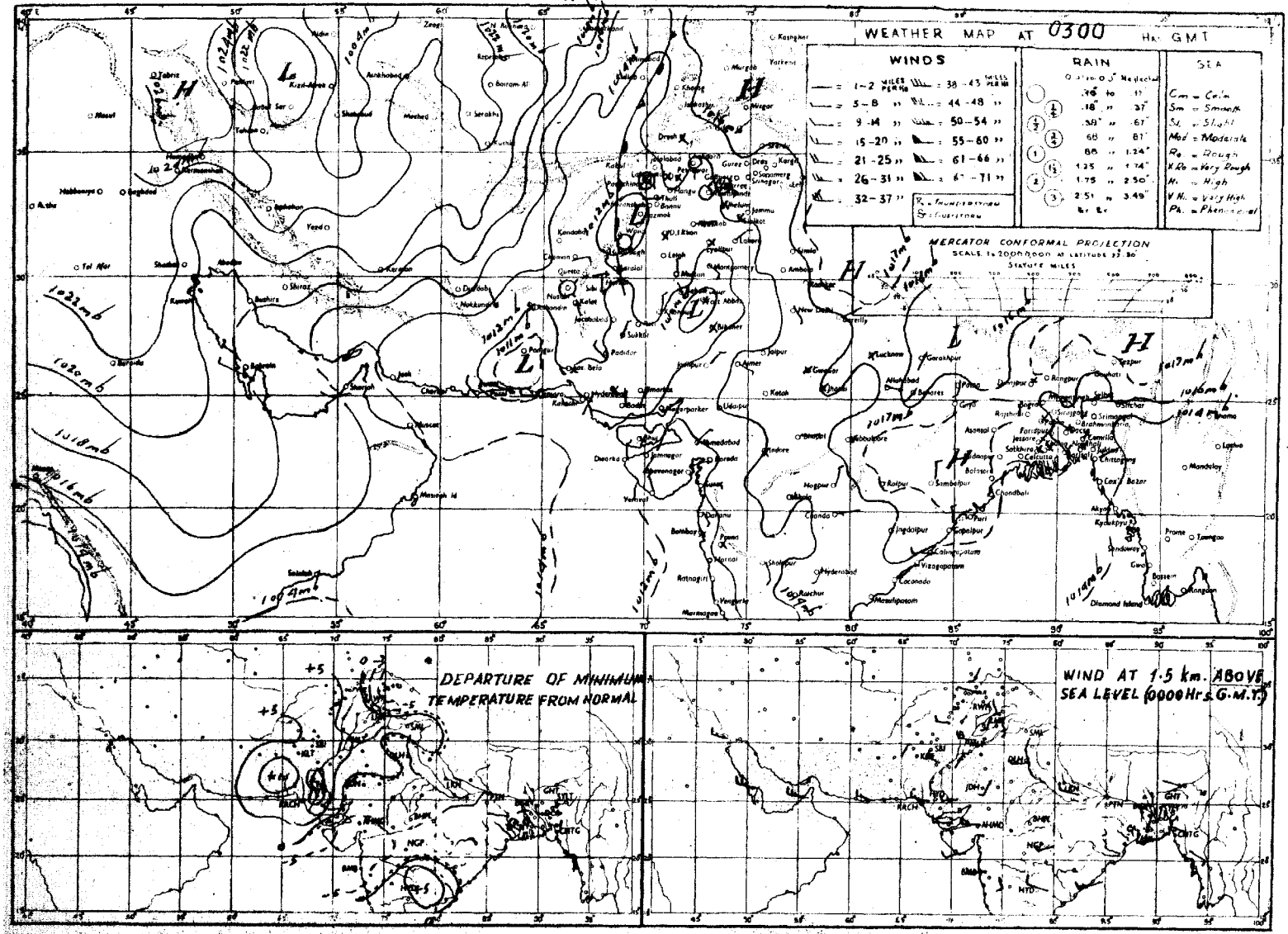
FRIDAY, 15th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 16th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 17th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The western disturbance over Caspian Sea moved away northeastwards.

Secondary western disturbance over Quetta and D. I. Khan divisions now lies over Kashmir and adjoining Rawalpindi division.

Yesterday's cyclonic circulation now lies over Rajasthan and adjoining Uttar Pradesh and is well-marked.

Steep pressure gradient is building up over western Quetta and Kalat divisions.
Rain/Thundershowers have been widespread in Lahore division, local in Rawalpindi division with a few falls of snow in the hills and scattered in Peshawar division.
Chief amounts of rainfall are : Sialkot 2", Kakul ½" and Lahore and Rawalpindi 1/4" each.
Night temperatures were 4-8°F above normal over West Pakistan outside Rawalpindi, Peshawar, Quetta and Bahawalpur divisions and were 4-6°F below normal in East Pakistan

Forecast valid until the evening of 18th December, 1961:—Rain/thundershowers will be local in Kashmir and scattered in Rawalpindi and Peshawar divisions with a few falls of snow in the hills. A few duststorms are also likely to occur in Multan, D. I. Khan, Quetta and Kalat divisions.

Karachi-11
The 17th December, 1961.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	000	0	2	36	09	xx	01	0	118	69	0	0	9	0	6	54	77
	Chittagong	000	0	0	00	00	xx	00	0	124	66	0	0	9	0	0	51	56
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	0	00	00	96	02	0	117	65	0	0	9	0	0	52	75
	Brahmanbaria	000	0	0	00	00	xx	00	1	121	65	0	0	9	0	0	54	75
	Sylhet	000	0	0	23	02	xx	01	0	124	65	0	0	9	0	0	53	76
	Srimangal	000	0	0	09	02	xx	00	0	xxx	56	0	0	9	0	0	50	76
Dacca	Mymensingh	000	0	0	00	00	96	00	0	137	67	0	0	9	0	0	59	74
	Narayanganj	000	0	1	00	00	xx	01	0	128	67	1	0	9	3	0	50	78
	Dacca (Tezgaon)	000	0	0	31	02	97	01	0	126	62	0	0	9	0	0	49	76
	Faridpur	000	0	0	00	00	95	05	0	133	67	0	0	9	0	0	55	73
Khulna	Barisal	000	0	0	00	00	94	02	1	123	71	0	0	9	0	0	69	75
	Khulna	000	0	0	00	00	xx	00	0	128	68	0	0	9	0	0	61	75
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	0	00	00	97	00	0	131	67	0	0	9	0	0	59	73
Rajshahi	Pabna	000	0	0	00	00	xx	00	0	134	66	0	0	9	0	0	56	75
	Sirajganj	000	0	0	00	00	xx	00	0	132	65	0	0	9	0	0	56	72
	Bogra	000	0	0	31	02	xx	02	0	130	65	0	0	9	0	0	58	74
	Dinajpur	000	0	0	00	00	xx	00	0	xxx	xx	0	0	9	0	0	54	75
	Rangpur	000	0	0	00	00	xx	01	4	135	63	0	0	9	0	0	59	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	017	0	5	00	00	96	01	2	111	59	5	2	7	0	0	52	65
	Sialkot	012	2	8	00	00	97	02	6	122	53	8	7	5	x	x	49	55
Rawalpindi	Jhelum	007	3	3	05	03	97	01	6	125	55	3	0	9	7	0	50	65
	Rawalpindi	016	3	8	00	00	97	21	6	139	53	8	5	6	0	0	49	55
	Campbellpur	000	0	6	23	02	98	20	3	322	55	0	0	9	0	0	47	58
Sargodha	Khushab	000	0	3	09	02	99	03	2	119	59	3	2	6	0	0	51	61
	Lyallpur	000	0	5	07	02	96	03	0	110	62	5	0	9	4	0	53	62
Multan	Montgomery	000	0	1	00	00	96	01	1	101	66	1	0	9	4	0	49	71
	Multan	000	0	0	00	00	97	02	0	096	65	0	0	9	0	0	45	67
	Leiah	000	0	0	36	05	97	00	0	096	45	0	0	9	0	0	49	70
Bahawalpur	Khanpur	000	0	2	05	03	96	01	0	095	65	1	5	7	3	0	48	69
	Bahawalpur	000	0	0	00	00	98	00	0	116	74	0	0	9	0	0	62	67
	Fort Abbas	000	0	5	00	00	98	00	0	109	62	0	0	9	0	0	55	61
Peshawar	Chakdara	000	0	0	13	02	96	00	0	112	50	0	0	9	0	0	49	50
	Peshawar	000	0	7	05	05	97	02	2	133	55	4	3	6	3	1	46	59
	Haripur	000	5	8	02	05	95	03	5	140	49	8	7	6	0	0	43	50
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	113	61	0	0	9	0	0	44	62
	D. I. Khan	000	0	0	00	00	98	00	0	109	63	0	0	9	0	0	46	66
Quetta	Sibi	000	0	0	23	02	98	00	0	084	75	0	0	9	0	0	38	76
Kalat	Nokkundi	000	9	3	34	07	98	01	2	136	62	3	0	9	2	0	29	70
	Turbat	000	0	0	05	02	98	00	0	092	85	0	0	9	0	0	37	87
	Jiwani	000	0	6	25	09	97	01	2	097	70	0	0	9	0	1	61	80
	Pasni	000	0	6	25	12	96	07	1	081	79	0	0	9	3	2	63	85
Karachi Division	Ormara	000	0	6	27	05	96	03	1	075	78	6	1	6	0	1	69	80
	Lasbela	000	0	0	00	00	98	00	0	084	86	0	0	9	0	0	71	88
	Karachi (Manora)	000	0	6	27	12	98	03	2	082	82	0	0	9	0	7	75	87
	Karachi (Airport)	000	0	6	23	05	96	03	2	083	77	1	1	9	0	1	70	82
Hyderabad	Nagarparkar	000	0	0	18	03	97	00	0	072	70	0	0	9	0	0	67	82
	Umerkot	000	0	2	29	01	98	02	0	073	79	2	2	7	0	0	62	83
	Hyderabad	000	0	3	00	90	97	01	1	083	77	0	0	8	0	1	54	82
	Badin	000	0	4	36	02	97	01	0	099	83	0	0	9	0	1	37	85
Khairpur	Padidan	000	0	0	36	03	97	02	0	083	73	0	0	9	0	0	50	75
	Nawabshah	000	0	0	31	02	96	00	0	086	75	0	0	9	0	0	51	78
	Sukkur	000	0	0	01	02	96	02	0	082	72	0	0	9	0	0	53	74
	Kashmore	000	0	4	05	05	99	02	0	091	65	4	1	6	0	0	18	74
	Jacobabad	000	0	3	13	03	97	02	0	086	72	1	0	9	3	2	42	74
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	9	32	03	94	70	7	405	52	9	0	x	x	x	34	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **																	
	Aliabad *																	
	Gilgit *	000	0	8	00	00	96	60	6	505	35	8	7	6	x	x	35	36
Rawalpindi	Murree *	015	7	9	11	02	90	49	7	459	32	9	x	0	x	x	29	xx
Peshawar	Drosh *	000	9	1	00	00	96	01	2	437	48	1	1	6	0	0	26	57
	Cherat *	000	0	8	00	00	95	03	2	481	42	8	9	6	0	0	40	44
	Kakul *	037	8	8	18	02	96	53	6	466	38	8	7	4	x	x	37	39
	Landikotal *	000	0	2	13	04	99	01	0	449	46	2	2	7	0	0	37	52
	Parachinar *	000	0	4	13	01	99	00	0	468	42	4	0	9	4	0	34	47
D.I. Khan	Miranshah *	000	0	5	05	05	98	03	2	430	54	5	4	8	0	0	44	56
	Wana *	000	0	0	00	00	99	00	0	505	47	0	0	9	0	0	41	xx
Quetta	Fort Sandeman *	000	0	2	00	00	99	01	0	452	57	2	1	7	0	0	25	59
	Hindubagh *	000	0	0	25	19	97	00	0	435	50	0	0	9	0	0	23	52
	Loralai *	000	0	4	29	05	99	0u	1	427	58	0	0	9	1	1	18	64
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	9	4	36	03	97	02	1	450	57	0	2	5	2	0	31	58
	Chaman *	000	0	5	27	07	98	02	1	463	57	4	2	6	0	0	16	59
	Nushki *	000	0	1	36	13	98	01	0	513	62	1	0	9	1	0	47	65
	Dalbandin *	000	0	5	31	09	97	03	1	490	69	8	0	9	4	0	27	72
Kalat	Kalat *	000	0	0	34	05	98	00	0	458	46	0	0	9	0	0	27	51
	Panjgur *	000	0	1	36	09	98	02	0	484	46	0	0	9	0	1	37	67
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	030	4	0	36	03	96	00	4	172	61	0	0	9	0	0	56	56
	Cox's Bazar	033	0	0	05	05	97	02	0	150	65	0	0	9	0	0	55	55
	Chittagong	000	0	0	03	20	96	00	0	160	64	0	0	9	0	0	55	52
	Maijdee Court	000	9	0	36	02	98	00	4	165	65	0	0	9	0	0	53	51
	Comilla	000	0	0	00	00	97	02	0	150	65	0	0	9	0	0	52	50
	Brahmanbaria	000	0	0	00	00	97	00	0	165	65	0	0	9	0	0	56	52
	Sylhet	000	0	0	09	05	96	02	0	160	62	0	0	9	0	0	55	51
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	0	13	02	97	03	0	168	61	0	0	9	0	0	56	50
	Narayanganj	000	0	0	00	00	95	05	4	161	67	0	0	9	0	0	53	52
	Dacca (Tezgaon)	000	0	0	36	02	96	02	0	157	64	0	0	9	0	0	54	47
	Faridpur	000	0	1	00	00	94	05	0	164	65	0	0	9	0	1	56	49
Khulna	Barisal	000	0	0	00	00	96	02	1	159	58	0	0	9	0	0	54	53
	Khulna	000	0	0	00	00	97	00	0	167	69	0	0	9	0	0	57	53
	Satkhira	000	0	0	00	00	96	00	0	166	63	0	0	9	0	0	52	48
	Jessore	000	0	0	00	03	97	00	0	161	59	0	0	9	0	0	53	47
Rajshahi	Pabna	000	0	0	00	00	93	10	0	165	61	0	0	9	0	0	56	52
	Sirajganj	000	0	0	00	00	96	00	0	171	62	0	0	9	0	0	55	51
	Bogra	000	0	0	05	02	96	02	0	159	60	0	0	9	0	0	54	51
	Dinajpur	000	0	0	00	00	96	00	0	170	59	0	0	9	0	0	53	48
	Rangpur	000	0	0	05	02	94	42	4	171	59	0	0	9	0	0	55	49
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	019	7	8	00	00	96	03	9	119	53	6	5	6	2	x	51	51
	Sialkot	202	4	8	13	03	97	20	6	136	50	9	7	5	x	x	48	49
Rawalpindi	Jhelum	007	1	8	09	02	96	51	2	128	52	4	7	6	2	x	48	46
	Rawalpindi	032	0	6	00	00	97	03	1	120	43	4	2	7	6	C	42	42
	Campbellpur	000	0	0	13	02	98	00	0	131	44	0	0	9	0	0	42	xx
Sargodha	Khushab	000	0	0	00	00	99	00	0	120	52	0	0	9	0	0	43	45
	Lyallpur	003	0	6	00	00	96	02	0	112	49	6	7	8	0	0	45	46
Multan	Montgomery	000	0	3	05	02	96	02	1	113	49	3	0	5	4	0	45	46
	Multan	000	0	0	09	05	98	02	0	118	51	0	0	9	0	0	47	49
	Leiah	000	0	0	36	04	97	00	0	121	38	0	0	9	0	0	30	35
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	117	51	0	0	9	0	0	47	45
	Bahawalpur	000	0	0	36	02	98	00	0	148	54	0	0	9	0	0	51	46
	Fort Abbas	000	0	0	36	02	98	00	0	119	48	0	0	9	0	0	46	48
Peshawar	Chakdara	000	0	0	36	02	96	00	0	138	35	0	0	9	0	0	33	33
	Peshawar	000	0	1	13	03	97	04	2	132	43	1	0	9	3	0	42	41
	Haripur	003	2	2	31	03	97	01	0	126	41	2	0	9	0	0	34	38
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	134	43	0	0	9	0	0	42	42
	D. I. Khan	000	0	0	00	00	98	00	0	125	47	0	0	9	0	0	43	45
Quetta	Sibi	000	0	0	00	00	97	01	0	124	47	0	0	9	0	0	39	46
Kalat	Nokkundi	000	0	0	34	05	98	02	0	204	49	0	0	9	0	0	33	47
	Turbat	000	0	0	34	05	97	00	0	154	67	0	0	9	0	0	30	xx
	Jiwani	000	0	7	36	03	97	02	2	155	63	1	5	5	0	4	45	61
	Pasni	000	3	6	02	17	95	07	3	142	70	0	0	9	4	4	40	64
Karachi Division	Ormara	000	0	0	00	00	92	05	4	135	74	x	x	9	x	0	36	66
	Lasbela	000	0	0	80	00	98	00	0	136	59	0	0	9	0	0	42	56
	Karachi (Manora)	800	0	6	00	00	96	03	2	119	70	0	0	9	0	7	65	66
	Karachi (Airport)	000	0	6	00	00	96	00	0	121	59	0	0	9	0	2	58	57
Hyderabad	Nagarparkar	003	0	3	31	04	96	00	0	092	67	0	1	8	2	0	65	xx
	Umerkot	000	0	2	31	01	97	02	0	106	56	0	0	8	0	8	49	54
	Hyderabad	000	0	5	00	00	95	05	1	124	57	0	0	8	0	8	47	56
	Badin	000	0	4	05	02	97	01	0	126	58	0	0	9	0	1	54	56
Khairpur	Padidan	000	0	2	00	00	96	03	0	123	46	0	0	9	0	5	44	45
	Nawabshah	000	0	2	00	00	97	02	0	132	51	0	0	9	0	1	45	50
	Sukkur	000	0	0	13	03	95	02	0	116	58	0	0	9	0	0	46	58
	Kashmore	000	0	0	05	03	99	00	0	115	46	0	0	9	0	0	29	38
	Jacobabad	000	0	0	05	02	96	02	0	124	52	0	0	9	0	0	42	49
Junagadh	Veraval	xxx	x	4	36	05	97	02	0	112	66	1	1	6	3	1	60	59
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	012	x	8	00	03	95	71	7	446	25	3	7	4	2	9	22	23
	Misgar **																	
	Aliabad *																	
	Gilgit *	000	0	3	00	00	98	01	1	493	34	3	5	8	0	0	31	32
Rawalpindi	Murree *	015	9	6	00	00	98	02	4	469	30	6	4	5	0	0	16	28
Peshawar	Drosh *	000	0	0	00	00	97	02	[illegible]	473	36	0	0	9	0	0	28	36
	Cherat *	000	0	0	09	03	98	00	0	463	38	0	0	9	0	0	33	34
	Kakul *	049	7	2	27	03	96	42	6	449	39	2	1	6	0	0	34	36
	Landikotal *	000	0	0	00	00	99	00	0	435	35	0	0	9	0	0	34	34
	Parachinar *	000	0	0	00	00	99	00	0	467	29	0	0	9	0	0	28	36
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	433	38	0	0	9	0	0	36	35
	Wana *	000	0	0	00	00	99	00	0	513	42	0	0	9	0	0	37	37
Quetta	Fort Sandeman *	000	0	8	00	00	95	05	4	463	37	8	5	5	x	0	34	35
	Hindubagh *	000	0	0	25	14	97	00	0	459	40	0	0	9	0	0	18	24
	Loralai *	000	0	0	29	03	99	00	0	415	38	0	0	9	0	0	27	34
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	2	27	02	96	03	1	478	40	0	0	9	2	0	08	34
	Chaman *	000	0	0	18	05	98	00	0	483	36	0	0	9	0	0	21	32
	Nushki *	000	0	0	00	00	98	02	0	550	53	0	0	9	0	0	32	50
	Dalbandin *	000	0	0	27	02	97	02	0	491	42	0	0	9	0	0	29	41
Kalat	Kalat *	002	0	0	34	15	98	.0	0	460	28	0	0	9	0	0	28	26
	Panjgur *	000	0	1	36	31	98	03	1	497	48	0	0	9	0	1	31	45
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati		—	0.1	—	135.5	—
	Cox's Bazar	— 2	— 3	0.9	— 3.0	156.7	140
	Chittagong	×	— 5	0.1	— 2.6	170.7	108
	Maijdee Court		— 7	0	— 1.8	122.6	115
	Comilla	— 3	— 4	0	— 1.6	76.9	94
	Brahmanbaria	—	—	0	— 1.3	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 5		...			98
Dacca	Mymensingh	— 2	— 4	0.3	— 0.7	62.1	91
	Narayanganj	+ 1	— 5	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	— 2	— 5	0	— 1.2	87.9	71
Khulna	Barisal	— 2	— 2	0	— 1.8	65.4	81
	Khulna	— 2	— 2	0	— 1.3	57.3	68
	Satkhira		— 4	0	— 1.9	54.3	65
	Jessore	—	—	0	— 1.1	59.0	65
Rajshahi	Pabna	—	—	0.1	—	50.5	39
	Sirajganj	— 4	— 2	0.7	— 0.1	50.0	64
	Bogra	— 2	— 2	0.3	— 0.6	53.6	69
	Dinajpur	— 1	— 2	0.1	— 0.4	51.7	72
	Rangpur	— 2	— 2	0.1	— 0.4	60.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 7	+ 12	0.3	— 0.1	51.4	19
	Sialkot	— 15	+ 7	2.9	+ 2.5	37.9	33
Rawalpindi	Jhelum	—	—	1.1	—	35.9	
	Rawalpindi	— 11	+ 5	2.2	+ 1.5	54.4	36
	Campbellpur	—	—	0.8	—	17.6	—
Sargodha	Khushab	— 10	+ 4	0	— 0.2	11.2	15
	Lyallpur	— 7	+ 5	0.1	— 0.1	14.0	12
Multan	Montgomery	0	+ 4	0.1	0	10.3	10
	Multan	— 3	+ 7	0	— 0.2	7.5	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 6	+ 2	0	— 0.2	12.6	6
	Bahawalpur	— 6	+ 3	0	— 0.2	4.9	6
	Fort Abbas	—	—	0	—	3.1	8
Peshawar	Chakdara	—	—	2.4	—	27.8	—
	Peshawar	— 7	+ 1	1.4	+ 0.8	19.2	11
	Haripur	—	—	2.1	—	30.7	—
D.I. Khan	Bannu	—	—	0.5	—	14.4	11
	D. I. Khan	+ 5	+ 5	0	— 0.3	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	3.8	5
	Pasni	+ 8	+ 9	0	— 0.8	5.4	6
Karachi Division	Ormara	—	—	0	— 0.1	9.9	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 10	+ 7	0	— 0.2	9.9	8
	Karachi (Airport)	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	+ 4	+ 5	0	— 0.1	12.9	7
	Badin	+ 5	+ 5	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	—
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	0	+ 4	0	— 0.2	8.3	4
Junagadh	Veraval		—	—	—	—	30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *	×					26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *		—	—	—	—	6
	Misgar **						—
	Aliabad *						—
	Gilgit *	—	—	—	—	—	5
Rawalpindi	Murree *	×	— 6	4.0	+ 2.5	72.3	59
Peshawar	Drosh *	+ 6	+ 2	0.9	—	23.9	18
	Cherat *	— 9	— 8	2.2	+ 1.1	35.6	29
	Kakul *	—	—	4.6	—	40.9	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	— 7	+ 5	0.8	—	30.0	29
D.I. Khan	Miranshah *	—	—	0.2	— 0.2	7.9	13
	Wana *	—	—	0.7	—	12.0	11
Quetta	Fort Sandeman *	0	+ 4	0.3	— 0.1	11.6	11
	Hindubagh *	—	—	0.3	—	6.1	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—	0.1	— 0.5	34.7	14
	Quetta *	—	—	0.5	— 0.4	6.7	9
	Chaman *	+ 4	— 4	0.5	— 0.6	6.8	8
	Nushki *	—	—	0.1	—	3.9	—
	Dalbandin *	+ 9	+ 6	0.2	— 0.2	2.8	4
Kalat	Kalat *	— 3	0	0.2	— 0.5	13.1	7
	Panjgur *	+ 3	+ 6	0.2	—	5.2	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 17th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dwd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Valletia	73 242	604 00	0 30 08	98 0 10	119 75	00 9 00	35 7 15	...	05 3 69	13 0 21
Valletia	73 236	619 06	3 29 15	99 0 30	148 80	22 5 09	35 2 22	...	00 3 69	12 9 22
President Jackson	73 164	623 06	3 01 08	99 0 30	156 75	32 1 00	67 1 00	...	05 3 63	10 1 21
Valletia	73 227	637 12	3 29 15	93 0 20	112 82	21 5 09	35 6 20	...	08 4 65	12 9 22
Valletia	73 223	649 18	1 29 15	98 0 10	129 75	11 0 09	35 1 11	...	05 2 66	12 9 22
British Consul	73 330	695 18	1 32 13	99 0 20	140 76	00 9 01	74 1 09	...	05 1 60	13 2 23
City of Johannesburg	73 175	570 18	0 01 13	99 0 21	137 79	00 9 00	15 3 02	...	00 5 50	16 1 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 132 065	106 132 999	...	142 075 979	...	304 022 999	427 525 999	570 578 999	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	007 195 162	081 195 168	...	141 102 999	...	304 512 999	427 538 999	568 625 999	736 710 999	944 840	...	...	...
Lahore ...	00 00	985 145 075	...	...	151 062 032	...	310 548 999	429 630 999	565 740 999	724 862 999	—	...	...	...
Multan ...														
Peshawar ...	00 00	970 068 035	...	...	143 082 082	...	303 525 525	464 088 512	561 702 732	722 825 999	921 918	189 015	...	...
Quetta ...	00 00	823 028 508	...	...	...	...	304 562 999	422 650 999	557 760 999	716 845 999	917 910	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	570 578 999	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	300 840 999	...	...
Lahore ...	00 00	900 085 055	800 015 955	...	...	...	...	...	...	...	800 015 955	...	...
Multan ...													
Peshawar ...	00 00	920 092 095	900 098 092	800 048 048	...	...	...	...	...	...	800 048 048	...	...
Quetta ...	00 00	800 035 652	762 000 900	...	...	...	...	...	...	...	762 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	32 07	33 07	31 06	30 06	29 10	28 22	28 25	...	...
Chaklala ...	No	...	...	Ascent		...	...	...	...
Chhor ...	25 05	25 06	26 07	07 05	27 10	27 19	28 31	28 39	...
Chittagong ...	02 04	02 03	25 02	30 09	29 13	28 19	...	...	...
Cox's Bazar ...	36 14	02 11	xx xx	34 01	31 06		...	...	...
Dacca ...	30 10	33 07	34 10	02 05	10 09	29 15	29 27	28 30	27 31
Dalbandin ...	...	...	35 11	35 15	29 05	30 13	29 17	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	30 04	19 03	27 03	27 03	28 40
Fort Sandeman ...	...	...	...	32 06	28 10	27 12	27 14	28 23	27 56
Jacobabad ...	10 08	01 03	01 03	30 08	29 10	27 15	28 23	27 39	27 59
Jessore ...	No	...	...	...	...	...	...	...	...
Jhelum ...	05 06	19 13	10 13	14 09	26 05	32 09	31 09	32 10	28 18
Jiwani ...	27 09	32 10	33 09	34 07	35 09	30 21	30 27	29 40	29 52
Karachi ...	28 11	27 09	30 09	30 06	33 05	29 22	28 15	28 23	29 38
Khanpur ...	04 08	03 10	02 07	29 07	30 16	26 26	27 29	...	...
Lahore ...	09 09	13 16	14 17	18 12	...	...	...	...	...
Multan ...	01 09	01 13	02 13	32 07	28 17	27 12	25 17	27 25	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 09	33 06	...	...	...	...
Peshawar ...	...	04 08	05 01	12 01	21 05	...	...	...	...
Quetta ...	...	...	...	...	27 10	30 13	28 19	28 17	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	03 04	23 05	07 05	08 03	08 04	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	03 11	02 08	03 05	33 08	30 10	27 15
Chaklala ...	...	28 10	31 02	32 05	02 02	32 05
Chhor ...	04 12	39 10	32 13	30 20	31 10	71 12
Chittagong ...	02 07	02 07	01 06	20 07	26 11	25 23
Cox's Bazar ...	01 10	10 04	19 04	19 07	25 09	26 22
Dacca ...	34 06	33 01	25 02	28 07	28 12	27 21
Dalbandin ...	...	...	29 07	33 14	33 26	33 30
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 03	24 04	22 05
Fort Sandeman ...	...	...	...	05 04	29 08	34 10
Jacobabad ...	10 19	17 06	29 16	30 13	30 17	30 16
Jessore ...	01 04	04 06	33 06	32 07	29 15	27 23
Jhelum ...	02 06	07 05	09 07	13 12		
Jiwani ...	05 15	05 16	04 15	02 05	33 08	30 17
Karachi ...	...	...	...	...	...	...
Khanpur ...	03 19	03 07	04 27	24 26	05 16	...
Lahore ...	12 04	15 09	16 17	21 19	25 12	27 07
Multan ...	35 10	01 13	35 11	03 07	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 16	34 43	31 34
Peshawar ...	...	06 04	34 10	32 13	33 83	01 09
Quetta ...	...	...	...	...	27 09	31 15
Sharjah ...	...	...	...	...	...	...
Sylhet ...	09 13	09 04	09 02	08 05	18 08	26 12
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	08 03	07 03	06 02	01 05	01 07	30 13	28 32	27 40	28 51	...	...
Chaklala ...	...	16 03	13 10	15 15	...	...	...	...	...	...	...
Chhor ...	18 08	35 13	35 15	32 19	31 18	26 10	...	...	...	...	...
Chittagong ...	02 06	01 07	15 04	21 07	27 11	28 16	26 35	26 49	26 47	26 71	..
Cox's Bazar ...	01 05	19 04	21 08	21 11	26 07	28 13	26 32	27 35	26 40	...	...
Dacca ...	12 02	15 02	32 02	29 04	28 05	26 13	27 34	27 39	27 47	26 58	26 82
Dalbandin ...	...	...	27 02	35 09	33 28	35 35	33 38	31 48	32 55	31 91	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	36 09	36 19	36 25	35 30	...	...	...
Fort Sandeman ...	...	...	...	24 01	29 05	32 16	30 17	...	...	...	...
Jacobabad ...	14 04	22 05	31 09	32 13	33 19	33 15	31 37	30 35	...	...	...
Jessore ...	34 03	34 05	34 10	35 13	31 12	26 19	26 24	27 41	27 47	...	...
Jhelum ...	10 11	10 14	12 15	...	...	...	...	...	...	...	...
Jiwani ...	03 15	02 25	02 31	01 23	31 14	33 25	32 40	30 44	30 47	29 49	...
Karachi ...	34 15	35 17	35 21	33 17	31 23	31 36	31 54	30 58	...	...	...
Khanpur ...	01 15	03 13	33 11	33 21	33 15	23 21	32 28	...	...	...	...
Lahore ...	05 11	10 13	12 12	...	...	...	...	...	...	...	...
Multan ...	01 13	01 15	01 14	31 11	33 09	32 10	34 14	33 17	33 21	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 09	35 41	35 43	33 68	...	...	...	...
Peshawar ...	...	13 02	34 04	30 12	31 21	36 09	06 06	01 07	33 06	29 09	27 10
Quetta ...	...	...	...	...	30 09	01 20	32 47	32 47	32 81	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	xx xx	xx xx	xx xx	xx xx	xx xx	29 08	25 23	26 36	26 33	...	...	...	...	...	...	...	...	...
Karachi ...	33 10	34 12	34 12	34 35	34 31	29 33	29 34	30 45	29 77	29 97	...	...	...	...	...	...	...	...
Peshawar ...	..	28 08	35 10	35 10	35 14	34 19	36 19	35 15	32 23	30 45	30 58	28 74	29 81	...	...	...	...	...
Quetta ...																		

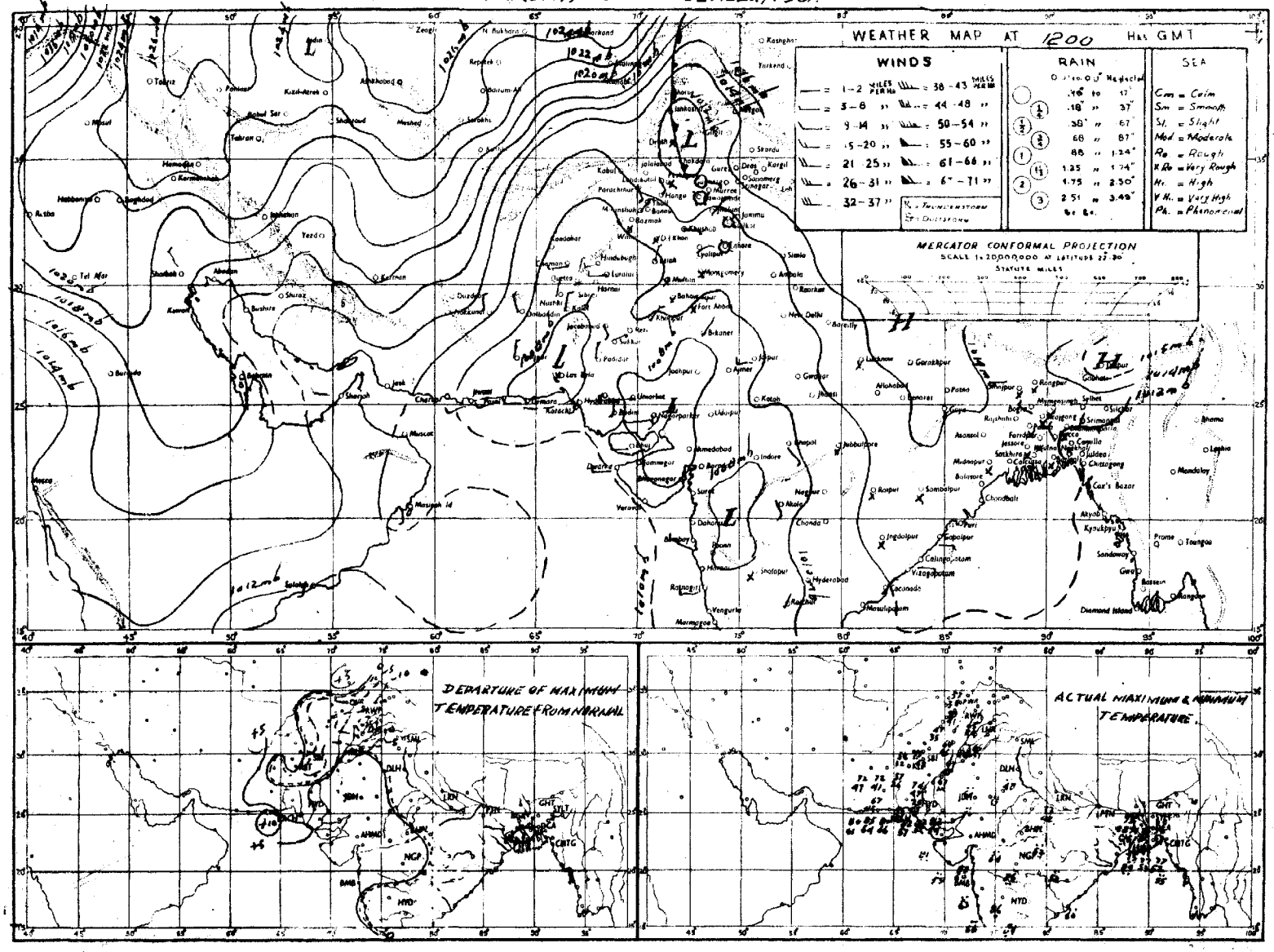
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGlll Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

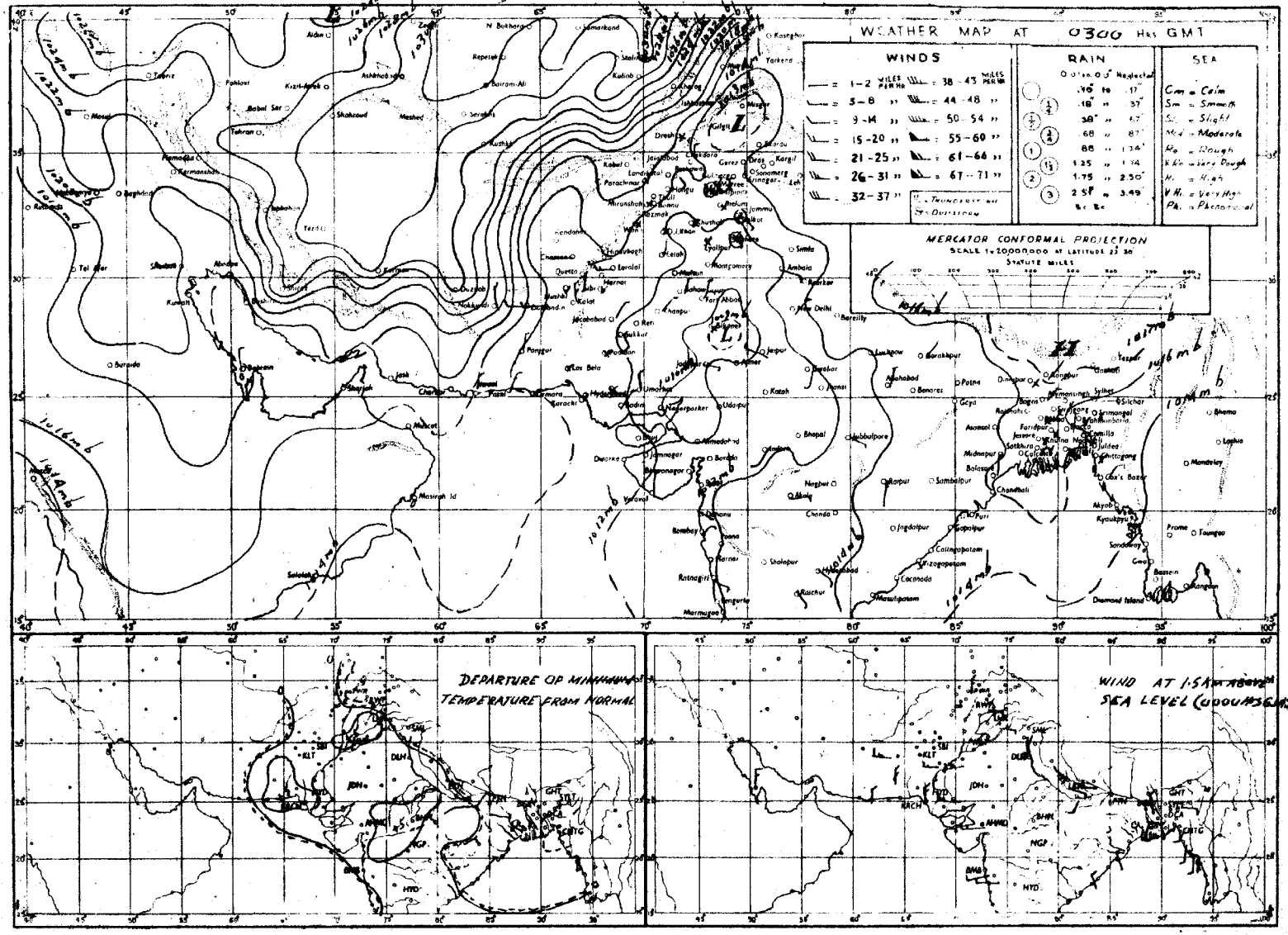
SATURDAY, 16th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 17th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

MONDAY THE 18th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The secondary western disturbance over Kashmir moved away northeastwards.

A ridge of high pressure is bordering West Pakistan.

Yesterday's cyclonic circulation now lies over southeast Uttar Pradesh and adjoining areas and is less marked.

Scattered rain has been reported from Peshawar division and light rain/snow from Rawalpindi division. Kakul recorded ½" rainfall.

Night temperatures were 8-12°F below normal in Rawalpindi, Quetta and adjoining Kalat divisions and 3-5°F so in East Pakistan.

Forecast valid until the evening of 19th December, 1961:—A few thunderstorms may occur in Rajshahi, Rawalpindi divisions and in Kashmir. Weather will otherwise remain dry over the country.

Cold wave warning:—Moderate cold wave now affecting western parts of Quetta and adjoining Kalat divisions is likely to spread over the rest of West Pakistan excluding the coastal districts during next 36 hours.

Karachi-11
The 18th December, 1961.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	05	xx	00	0	[illegible]	69	9	x	0	x	x	54	75
	Cox's Bazar	000	0	2	02	05	xx	03	0	124	67	0	0	9	0	8	56	77
	Chittagong	000	0	1	00	00	xx	00	0	125	66	1	0	9	0	1	50	77
	Maijdee Court	000	9	0	00	00	xx	10	0	125	66	0	0	9	0	0	50	75
	Comilla	000	0	0	00	00	xx	02	0	125	66	0	0	9	0	0	55	79
	Brahmanbaria	000	0	0	00	00	xx	00	0	132	66	0	0	9	0	0	53	75
	Sylhet	000	0	0	00	00	xx	02	0	128	67	0	0	9	0	0	53	75
	Srimangal	000	0	0	03	00	93	00	0	xxx	57	0	0	0	0	0	53	77
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	135	67	0	0	9	0	0	57	74
	Narayanganj	000	9	2	00	00	xx	01	0	127	68	0	0	9	0	1	54	78
	Dacca (Tezgaon)	000	0	1	27	03	97	01	0	125	64	0	0	9	0	1	52	76
	Faridpur	000	0	0	00	00	95	05	0	129	69	1	0	9	0	8	55	74
Khulna	Barisal	000	0	0	00	00	94	02	1	127	72	0	0	9	0	0	69	77
	Khulna	000	0	0	00	00	xx	00	0	127	68	0	0	9	0	0	61	75
	Satkhira	000	0	0	00	00	xx	00	0	127	68	0	0	9	0	0	61	75
	Jessore	000	0	0	00	00	97	00	0	128	67	0	0	9	0	0	59	73
Rajshahi	Pabna	000	0	0	00	00	xx	00	0	128	75	0	0	9	0	0	57	75
	Sirajganj	000	0	0	00	00	xx	00	0	134	64	0	0	9	0	0	55	76
	Bogra	000	0	0	05	02	xx	02	0	128	65	0	0	9	0	0	54	75
	Dinajpur	000	0	0	00	00	xx	00	0	136	65	0	0	9	0	0	52	76
	Rangpur	000	8	1	00	00	xx	01	4	136	64	1	0	9	1	0	59	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	5	05	03	96	01	2	114	55	2	5	6	7	0	49	58
	Sialkot	003	9	8	00	00	97	02	2	114	52	8	5	6	x	x	49	53
Rawalpindi	Jhelum	001	5	7	13	02	97	02	5	113	54	4	7	5	2	0	45	55
	Rawalpindi	000	0	2	00	00	97	00	0	116	52	2	2	2	0	0	46	58
	Campbellpur	000	0	0	18	01	98	00	0	100	61	0	0	9	0	0	42	62
Sargodha	Khushab	000	0	0	09	03	99	00	0	203	58	0	0	9	0	0	42	60
	Lyallpur	000	0	5	00	00	96	02	0	101	59	4	7	8	0	0	51	59
Multan	Montgomery	000	5	7	05	05	96	02	2	102	59	7	4	3	0	0	51	63
	Multan	000	0	0	36	03	98	02	0	100	64	0	0	9	0	0	44	66
	Leiah	000	0	0	05	04	97	00	0	096	64	0	0	9	0	0	44	71
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	103	66	0	0	9	0	0	47	69
	Bahawalpur	000	0	0	00	00	98	00	0	125	75	0	0	9	0	0	60	68
	Fort Abbas	000	0	0	36	02	96	00	0	108	60	0	0	9	0	0	54	65
Peshawar	Chakdara	000	0	0	18	01	96	00	0	082	54	0	0	9	0	0	44	55
	Peshawar	000	0	1	00	00	96	04	0	104	58	1	1	6	0	0	43	64
	Haripur	000	0	4	13	03	97	03	1	145	47	4	0	9	0	8	41	53
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	149	60	0	0	9	0	0	46	61
	D. I. Khan	000	0	0	05	02	98	00	0	xxx	64	0	0	9	0	0	43	66
Quetta	Sibi	000	0	0	13	02	98	00	0	094	71	0	0	9	0	0	39	71
Kalat	Nokkundi	000	0	0	34	19	96	07	3	174	60	0	0	9	0	0	18	62
	Turbat	000	0	0	36	08	97	00	0	102	76	0	0	9	0	0	11	77
	Jiwani	000	0	5	31	10	97	02	2	132	78	x	x	x	x	x	33	79
	Pasni	000	8	0	34	12	95	07	4	120	78	0	0	9	0	0	24	79
Karachi Division	Ormara	000	9	0	31	03	95	05	4	100	79	0	0	9	0	0	42	81
	Lasbela	000	0	0	xx	xx	99	00	0	103	82	0	0	9	0	0	45	86
	Karachi (Manora)	000	0	5	31	10	98	03	2	101	78	0	0	9	0	3	56	84
	Karachi (Airport)	000	0	3	34	02	97	01	1	092	79	0	0	9	0	1	30	81
Hyderabad	Nagarparkar	000	0	3	00	00	97	00	0	064	75	0	0	6	0	6	52	80
	Umarkot	000	0	0	34	02	98	02	0	087	74	0	0	9	0	0	44	77
	Hyderabad	000	0	3	02	03	97	03	0	101	73	0	0	8	0	1	49	78
	Badin	000	0	0	36	02	97	00	0	111	77	0	0	9	0	0	40	80
Khairpur	Padidan	000	0	0	13	03	97	01	0	099	73	0	0	9	0	0	39	75
	Nawabshah	000	0	0	00	00	97	01	0	112	73	0	0	9	0	0	40	74
	Sukkur	000	0	0	25	02	97	02	0	094	72	0	0	9	0	0	53	74
	Kashmore	000	0	0	05	03	99	00	0	181	66	0	0	9	0	0	11	73
	Jacobabad	000	0	0	00	00	97	02	0	100	71	0	0	9	0	0	43	75
Junagadh	Veraval	xxx	x	3	27	13	97	01	1	094	77	1	2	x	x	0	65	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	7	xx	xx	97	02	2	422	40	7	7	3	0	0	34	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh *																	
	Skardu **																	
	Misgar *	xxx	x	0	07	02	95	00	0	014	68	0	0	9	0	0	58	86
	Aliabad *																	
	Gilgit *	xxx	x	1	00	00	97	01	1	517	38	1	5	8	0	0	27	43
Rawalpindi	Murree *	000	9	9	00	00	90	49	1	441	32	9	x	0	x	x	27	36
Peshawar	Drosh *	000	0	0	05	09	96	02	0	437	48	0	0	9	0	0	07	52
	Cherat *	000	0	0	00	00	98	00	0	483	48	0	0	9	0	0	42	50
	Kakul *	030	8	1	13	03	97	01	1	447	43	1	2	6	0	0	39	49
	Landikotal *	000	0	0	23	03	99	00	0	437	53	0	0	9	0	0	11	54
	Parachinar *	000	0	0	00	00	99	00	0	440	44	0	0	9	0	0	37	52
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	440	53	0	0	9	0	0	38	58
	Wana *	000	0	0	00	00	99	00	0	509	52	0	0	9	0	0	32	55
Quetta	Fort Sandeman *	000	0	0	27	01	99	01	0	456	53	0	0	9	0	0	xx	56
	Hindubagh *	000	0	0	25	01	97	00	0	437	44	0	0	9	0	0	21	46
	Loralai *	000	0	0	31	03	99	00	0	408	54	0	0	9	0	0	13	46
	Harnai *	000	0	0	09	01	xx	00	0	xxx	xx	x	x	0	0	0	xx	xx
	Quetta *	000	9	2	27	03	97	02	1	578	46	0	0	9	2	0	16	48
	Chaman *	000	0	0	27	05	98	00	0	463	57	0	0	9	0	0	21	59
	Nushki *	000	0	0	31	19	97	02	0	534	57	0	0	9	0	0	37	57
	Dalbandin *	000	0	0	31	14	95	07	0	505	61	0	0	9	0	0	31	65
Kalat	Kalat *	000	0	0	31	07	98	00	0	478	38	0	0	9	0	0	15	43
	Panjgur *	000	0	0	34	17	96	07	0	503	58	0	0	9	0	0	25	xx
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	3	0	04	05	96	00	4	173	61	0	0	9	0	0	57	56	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	05	05	97	01	0	152	65	0	0	9	0	0	56	55	— 2	— 3	0.9	— 3.1	156.7	140
	Chittagong	000	0	0	05	02	96	00	0	161	65	0	0	9	0	0	56	52	— 1	— 5	0.1	— 2.6	170.7	108
	Maijdee Court	000	9	0	00	00	98	00	4	161	64	0	0	9	0	0	52	51	— 3	— 7	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	97	02	0	149	6[illegible]	0	0	9	0	0	54	51	0	— 3	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	36	02	97	00	4	164	65	1	0	9	0	0	56	52	—	—	0	— 1.3	65.4	78
	Sylhet	000	0	1	09	09	96	03	0	161	62	1	0	9	3	0	51	51	—	—	0.1	—	—	
	Srimangal	000	0	0	00	00	96	00	0	xxx	63	0	0	9	0	0	55	41	— 4	— 7	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	0	13	02	96	00	0	164	61	0	0	9	0	0	56	51	— 2	— 3	0.3	— 0.7	62.1	91
	Narayanganj	000	9	0	00	00	96	05	4	159	66	0	0	9	0	0	55	53	+ 1	— 4	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	000	0	0	05	02	96	02	0	157	65	0	0	9	0	0	57	47	—	—	0	—	81.2	—
	Faridpur	000	0	0	00	00	94	05	0	168	65	0	0	9	0	0	54	49	— 1	— 5	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	00	00	97	02	1	157	60	0	0	9	0	0	56	57	0	+ 2	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	97	00	0	160	66	0	0	9	0	0	60	53	+ 3	— 2	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	167	61	0	0	9	0	0	49	49	— 3	— 3	0	— 1.9	54.3	65
	Jessore	000	0	0	00	00	97	00	0	159	63	0	0	9	0	0	54	57	—	—	0	— 1.1	[illegible]	65
Rajshahi	Pabna	000	0	0	00	00	93	10	0	162	61	0	0	9	0	0	56	51	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	96	00	0	160	65	0	0	9	0	0	56	51	0	— 2	0.7	— 0.1	50.0	64
	Bogra	000	0	2	05	02	96	01	0	165	61	2	5	5	0	0	57	52	— 1	— 1	0.3	— 0.6	53.6	69
	Dinajpur	000	9	6	00	00	96	02	2	171	60	6	4	7	0	0	54	52	0	+ 2	0.1	— 0.4	51.7	72
	Rangpur	000	0	7	36	02	95	03	1	176	59	6	5	6	2	0	55	53	— 5	+ 2	0.1	— 0.4	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	4	1	00	00	94	10	1	168	47	1	0	9	3	0	45	44	— 14	+ 5	0.3	— 0.1	51.4	19
	Sialkot	000	0	0	00	00	98	00	0	170	53	0	0	9	0	0	47	46	— 15	+ 4	2.9	+ 2.5	37.9	32
Rawalpindi	Jhelum	001	9	0	00	00	96	02	1	164	46	0	0	9	0	0	43	44	—	—	1.1	—	35.9	
	Rawalpindi	000	0	1	00	00	96	10	0	176	40	0	0	9	6	0	39	39	— 8	+ 2	2.2	+ 1.4	54.4	36
	Campbellpur	000	0	0	05	02	98	00	0	189	44	0	0	9	0	0	42	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	3	09	02	99	02	1	175	43	3	2	6	0	0	39	40	— 11	— 1	0	— 0.3	11.2	15
	Lyallpur	003	0	6	00	00	93	44	4	273	41	6	0	9	5	0	40	40	— 10	— 1	0.1	— 0.1	14.0	12
Multan	Montgomery	000	5	0	05	02	96	05	0	169	47	0	0	5	0	0	45	42	— 8	0	0.1	0	10.3	10
	Multan	000	2	0	00	00	97	47	0	174	41	0	0	9	0	0	42	44	— 4	+ 2	0	— 0.2	7.5	7
	Leiah	000	0	0	18	02	96	00	0	134	45	0	0	9	0	0	40	35	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	13	02	95	05	0	168	50	0	0	9	0	0	46	40	— 6	— 3	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	143	xx	0	0	9	0	0	43	42	— 5	— 1	0	— 0.2	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	173	44	0	0	9	0	0	44	42	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	164	38	0	0	9	0	0	30	35	—	—	2.4	—	27.8	—
	Peshawar	000	0	2	11	02	97	02	0	174	41	1	5	6	0	0	36	39	— 2	— 1	1.4	+ 0.8	19.2	11
	Haripur	000	3	3	36	07	97	01	1	160	44	3	0	9	6	0	37	40	—	—	2.1	—	30.7	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	000	2	8	00	00	98	03	1	172	48	8	8	8	0	0	46	43	— 5	+ 3	0	— 0.3	7.7	9
Quetta	Sibi	000	0	0	00	00	97	00	0	173	44	0	0	9	0	0	26	43	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	29	05	98	02	0	237	38	0	0	9	0	0	20	xx	—	—	0	—	1.0	2
	Turbat	000	0	0	07	02	96	06	0	169	54	0	0	9	0	0	25	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	0	09	03	97	01	1	177	62	0	0	9	0	0	32	60	—	—	0	—	3.8	5
	Pasni	000	3	0	02	02	95	05	4	177	61	0	0	9	0	0	37	58	+ 2	+ 3	0	— 0.9	5.4	6
Karachi Division	Ormara	000	9	0	31	01	94	04	5	172	58	0	0	9	0	0	28	53	—	—	0	— 0.1	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	126	60	0	0	9	0	0	37	54	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	05	10	96	00	0	159	64	0	0	9	0	0	49	62	+ 7	+ 3	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	162	50	0	0	9	0	0	33	48	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	003	0	0	05	01	97	00	0	128	57	0	0	9	0	0	48	xx	—	—	0	—	27.3	—
	Umarkot	000	0	0	02	03	97	02	0	154	46	0	0	9	0	0	36	44	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	94	01	0	165	51	0	0	9	0	0	45	49	0	— 2	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	172	53	0	0	9	0	0	47	50	0	— 1	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	02	96	02	0	167	43	0	0	9	0	0	41	41	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	176	46	0	0	9	0	0	40	44	—	—	0	—	9.3	—
	Sukkur	000	0	0	16	02	96	02	0	168	52	0	0	9	0	0	46	47	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	193	47	0	0	9	0	0	27	35	—	—	0	—	1.8	—
	Jacobabad	000	0	0	05	02	97	02	0	165	46	0	0	9	0	0	38	44	+ 1	— 1	0	— 0.2	8.3	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh *																							3
	Skardu **																							6
	Misgar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Aliabad *																							—
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	005	9	2	05	02	98	01	7	480	28	2	5	2	0	0	20	25	— 12	— 9	4.1	+ 2.5	73.3	59
Peshawar	Drosh *	000	0	0	00	00	97	02	0	497	34	0	0	9	0	0	11	33	+ 1	— 1	0.9	—	23.9	18
	Cherat *	000	0	0	05	03	96	00	0	460	39	0	0	9	0	0	33	33	— 3	— 9	2.2	+ 1.1	35.6	29
	Kakul *	041	5	4	20	03	97	02	6	480	37	4	4	5	0	0	35	36	—	—	5.1	—	41.3	—
	Landikotal *	000	0	0	00	00	99	00	0	560	29	0	0	9	0	0	28	28	—	—	1.9	—	15.0	—
	Parachinar *	000	0	0	00	00	99	00	0	452	26	0	0	9	0	0	24	33	— 2	+ 2	0.8	—	30.0	29
D. I. Khan	Miranshah *	003	0	0	00	06	99	00	0	464	34	0	0	9	0	0	25	34	—	—	0.2	— 0.2	7.9	13
	Wana *	000	0	0	00	00	99	00	0	505	30	0	0	9	0	0	26	25	—	—	0.7	—	12.0	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	501	37	0	0	9	0	0	09	33	— 3	+ 2	0.3	— 0.1	11.6	11
	Hindubagh *	000	0	0	25	14	97	00	0	458	35	0	0	9	0	0	33	21	—	—	0.3	—	6.1	—
	Loralai *	000	0	0	27	02	99	00	0	376	29	0	0	9	0	0	26	27	—	—	0	—	5.4	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.5	34.7	14
	Quetta *	000	0	0	36	02	96	00	0	521	38	0	0	9	0	0	24	23	—	—	0.5	— 0.4	6.7	9
	Chaman *	000	0	0	09	03	98	00	0	509	35	0	0	9	0	0	11	28	+ 4	— 8	0.5	— 0.6	6.8	8
	Nushki *	000	0	0	09	09	98	02	0	541	44	0	0	9	0	0	17	39	—	—	0.1	—	3.9	—
	Dalbandin *	000	0	0	00	00	95	05	0	491	26	0	0	9	0	0	17	25	— 3	— 10	0.2	— 0.2	2.8	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	520	18	0	0	9	0	0	18	14	— 11	— 12	0.2	— 0.5	13.1	7
	Panjgur *	000	0	0	00	00	96	02	0	503	42	0	0	9	0	0	26	41	xx	+ 2	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandahar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 18th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ___ W	PPP TT	$N_hC_hhC_mC_H$	D_aV_as PP	8 $N_sC_hh_sh_s$	$OT_wT_wT_wT_d$	$Id_ad_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Valletta	13 315	667 00	0 29 15	98 0 20	109 74	00 9 00	36 5 00	...	00 4 66	12 9 20
Dumra	13 237	672 00	0 07 08	99 0 20	098 75	00 9 00	35 7 85	...	00 1 35	12 7 22
British	13 247	580 06	6 03 13	99 0 20	103 75	00 9 01	74 2 39	...	05 3 27	10 2 23
Valletta	13 209	680 06	1 32 18	99 0 20	137 82	81 5 00	35 0 12	...	00 4 68	13 2 22
Vallecia	13 203	695 12	3 30 15	99 0 30	103 79	31 5 00	36 6 20	...	00 1 65	13 0 22
Higmiroos Khah	13 177	565 12	0 35 12	99 0 20	102 77	00 9 00	16 4 00	...	00 0 xx	13 5 xx
City of Johansburg	13 207	615 18	1 96 00	99 0 10	150 76	00 9 01	15 3 01	...	00 3-57	10 6 23
Sumark	13 247	630 18	1 05 10	97 0 20	155 75	00 0 01	15 4 00	...	06 3 44	10 5 32
BAY OF BENGAL										
Alhasen	11 198	881 00	3 18 02	99 0 00	112 70	21 4 01	54 5 08	...	05 2 54	10 2 00
Zulfikar	13 211	912 06	1 02 09	98 0 11	148 72	00 9 01	00 3 xx	...	05 2 59	10 2 21
Alhasan	11 170	872 12	2 18 01	97 0 00	124 71	21 4 00	53 6 20	...	05 3 62	10 1 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTTdTdTd					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 218 132	...	...	146 138 998	...	309 038 998	433 545 995	573 612 992	742 675 998	950 838			
Jiwani ...	00 90	009 165 982	130 242 115	...	146 098 018	...	310 050 990	433 532 993	574 662 992	739 755 998	942 878	223 030	403 168	...
Karachi ...	00 00	010 112 512	110 195 038	...	145 078 572	...	307 042 995	431 502 995	572 648 995	737 755 998	943 858	215 022	396 160	646 198
Lahore ...	00 00	990 135 078	...	...	148 068 048	...	303 548 992	423 652 992	558 750 990	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	972 062 515	...	...	143 045 512	...	307 545 665	420 625 742	557 718 855	721 800 990	919 892	...	...	...
Quetta ...	00 00	833 525 565	...	...	...	...	306 638 248	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 138 018	888 128 512	583 558 652	...	...	...	...	...	...	583 558 652	...	...
Jiwani ...	00 90	900 132 118	800 055 535		...	...	...	...	...	...	800 055 535	...	...
Karachi ...	00 00	900 125 542	800 052 598		...	...	...	...	...	...	800 052 598	...	...
Lahore ...	00 00	900 092 058	800 025 022		...	...	...	...	...	...	800 025 022	...	...
Multan ...													
Peshawar ...	00 00	935 065 002	900 062 002	800 018 555	...	...	...	...	...	...	800 018 555	...	...
Quetta ...	09 00	800 538 515	944 542 608		...	...	...	...	...	...	744 542 608	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in centis of °C.)
Sc—Character of troposute.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in tens. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	06 06	04 05	03 03	05 04	24 10	...	...	...	...	10 06	10 09	09 11	28 04	25 03	...	04 03	04 05	07 07	05 08	32 06	25 21	...	...	...	...	...
Chaniola ...	...	11 03	14 03	07 03	36 09	04 08	...	...	...	...	07 02	08 02	24 06	25 06	29 11	...	24 03	29 06	36 03	37 03	31 15	32 19	32 24	32 32	31 36	30 41
Chhor ...	35 05	36 07	30 07	28 09	31 18	29 31	29 39	29 78	29 84	06 07	02 06	05 05	35 16	34 17	32 20	05 08	02 09	01 09	02 08	36 07	14 52	32 36	31 48	31 51	...	...
Chittagong ...	33 04	35 05	04 05	16 07	20 10	...	...	...	...	03 04	36 04	18 18	22 07	23 13	25 19	03 05	06 04	06 05	17 04	20 07	25 11	24 19	24 37	25 39	25 42	...	...
Cox's Bazar ...										11 02	17 02	13 09	23 08	23 12	25 21	03 06	04 03	03 16	04 18	08 23	11 24	20 24	30 25	45 26	57 ...	...
Dacca ...	29 03	29 03	01 01	13 02	25 10	25 15	26 28	27 44	26 56	05 04	04 03	26 02	29 05	24 10	25 16	08 06	09 04	26 03	26 02	26 08	27 17	26 32	26 44	26 56	25 76	26 11
Dalbandin ...	...	...	35 09	34 13	34 07	32 16	34 39	34 51	34 64	...	...	35 08	34 10	34 26	34 23	...	...	08 05	36 03	35 20	33 25	31 35	31 43	31 58	...	...
D. I. Khan ...																										
Drosh ...	...	...	...	...	03 05	02 11	36 23	36 31	35 34	...	...	...	02 02	35 04	36 02	...	...	...	...	02 09	02 09	32 09	30 23	36 68	...	...
Fort Sandeman ...	...	...	30 06	28 07	31 15	32 24	32 26	32 25		...	...	...	41 05	31 11	34 26	...	...	23 04	32 07	31 15	32 28	31 51	31 64	...	...	...
Jacobabad ...	29 03	32 05	32 10	32 17	32 20	32 32	32 27	31 29	30 35	02 08	36 18	36 16	34 08	28 11	34 27	09 02	36 02	31 03	31 05	32 15	31 27	30 27	29 43	29 49	...	...
Jacobabad ...	35 09	35 09	35 08	35 06	26 08	24 17	...	...	...	04 06	04 03	35 07	27 11	27 11	28 17	07 01	01 01	01 03	33 04	33 14	29 05	28 16	24 30	26 48	25 57	...	...
Jhelum ...	12 06	10 07	09 05	03 05	...	...	...	...	...	04 03	02 02	36 03	35 07	33 08	35 09	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	16 15	35 14	34 17	34 19	33 15	34 38	33 38	33 39		12 03	17 05	22 06	27 07	01 12	33 17	07 08	05 12	05 10	35 05	35 08	33 12	29 23	28 26	29 29	29 49	29 89
Karachi ...	38 06	35 06	34 06	35 13	34 23	32 26	31 53	28 52	28 58							07 08	09 05	10 04	28 02	02 10	32 19	32 32	32 37	32 39	29 54	...
Khanpur ...	02 04	33 03	33 04	32 10	33 15	33 27	30 17	31 23	...	19 06	20 07	21 06	23 08	24 01	23 12	26 03	26 05	26 05	26 09	26 11	24 17	33 40	32 54	...	...	...
Lahore ...	08 10	10 16	10 14	09 06	03 07	33 07	...	...	...	05 09	05 08	06 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	02 05	01 08	01 11	33 13	32 13	30 15	30 30	30 45	...	06 03	35 04	03 05	28 08	01 08	...	05 01	05 03	09 02	25 02	25 07	26 18	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	xx xx	...	...	...	...	...	...	...	...	...	36 29	36 38	34 36	...	...	...	01 18	34 23	33 18	30 30	30 35	29 39	29 57	...
Peshawar ...	...	23 08	22 02	28 13	31 18	01 11	01 19	35 11	01 12	...	24 03	29 02	31 06	36 11	32 16	...	35 04	39 04	32 05	32 10	30 27	31 15	32 27	32 37	31 44	...
Quetta ...	...	...	...	...	30 08	32 13	32 37	33 64	33 75	No	Ascent	...	...	...	...	...	...	...	...	31 03	33 15	34 42	34 58	...	...	...
Sharab ...																										
Sylhet ...	14 03	13 04	12 03	06 09	...	...	...	...	...	08 11	08 04	06 06	12 05	24 19	26 13	09 12	07 12	09 11	09 08	26 06	25 18	25 33	26 43	25 53	...	...
Vigravi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	09 06	07 03	09 03	30 03	30 08	25 21	25 30	26 47	26 58	25 68	25 78	...	...	...	...	...	...	...
Karachi ...	36 11	01 09	02 07	02 09	36 15	34 31	32 49	31 51	31 72	78 11	78 53	77 20	26 80	27 85	...	...	...	...
Peshawar ...	..	34 04	34 09	34 06	20 06	27 07	28 23	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

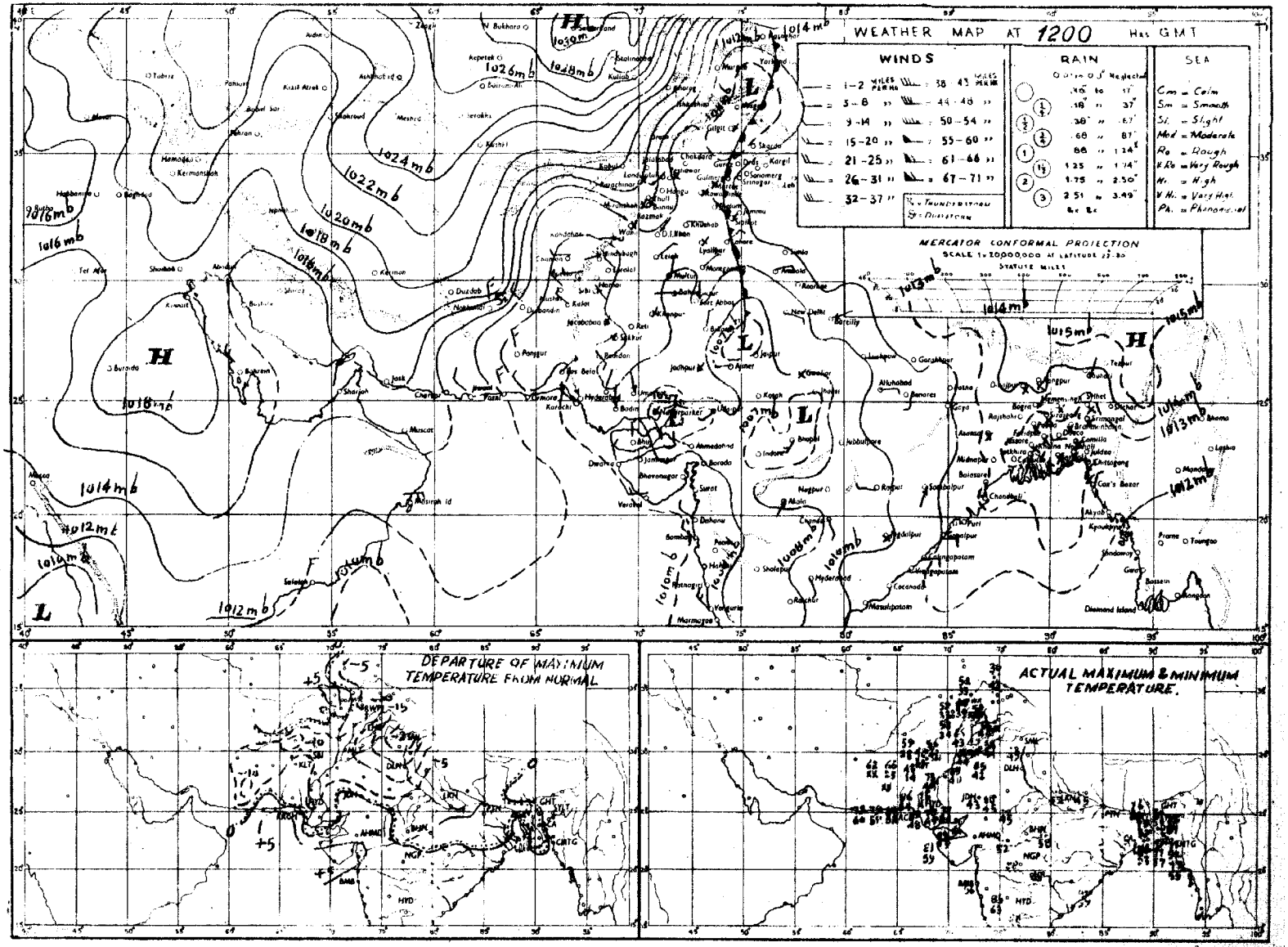
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Airport, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

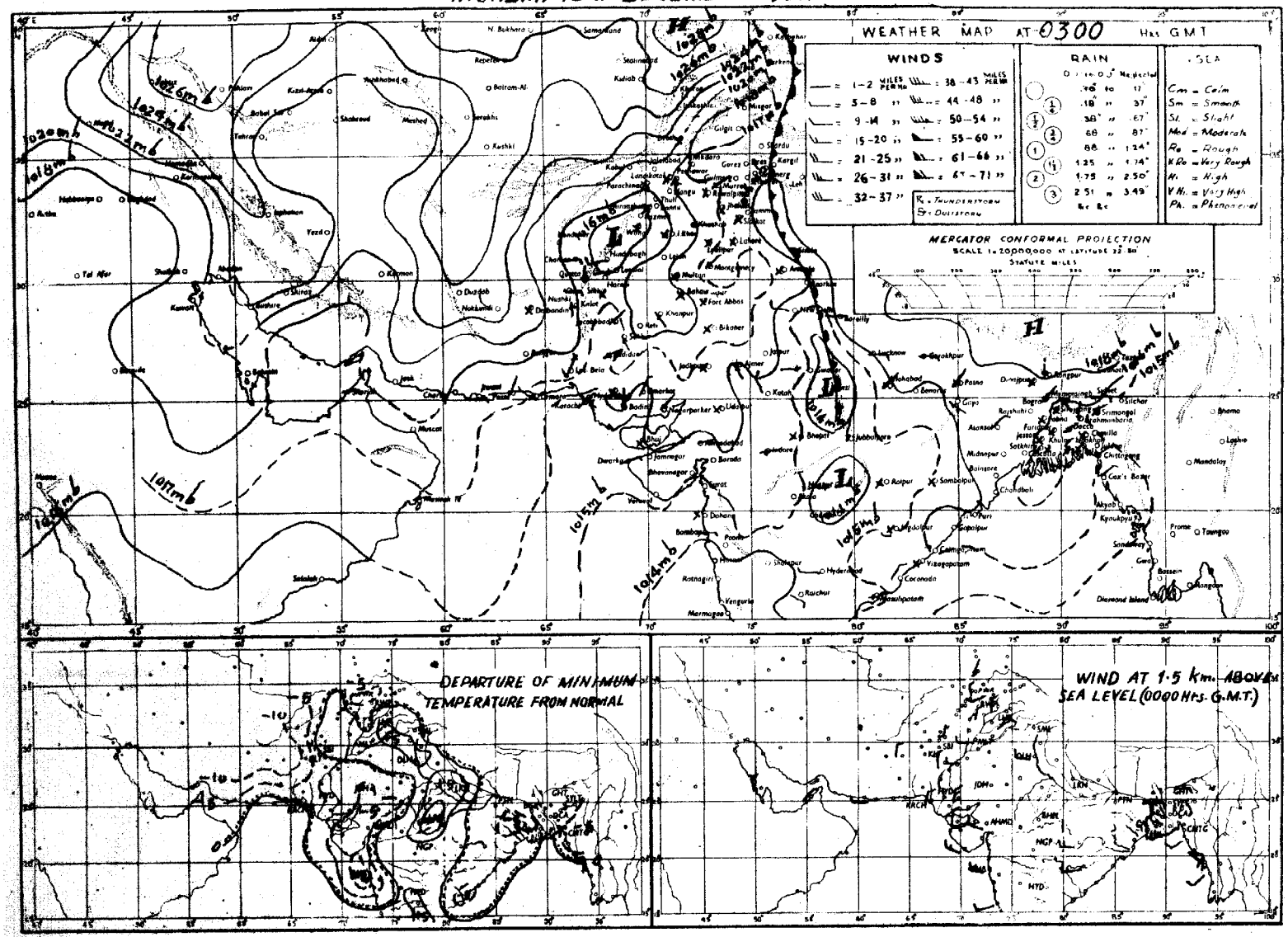
SUNDAY, 17th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past hours.

PAKISTAN DAILY WEATHER MAP

MONDAY, 18th. DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 19th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A westerly low pressure wave has approached Quetta and D. I. Khan divisions. Its associated through extends to south Kalat division. Yesterday's feeble cyclonic circulation is now passing as a low pressure area across sub-Himalayan west Bengal and adjoining Bihar. Scattered rain has been reported from Rajshahi division. Rangpur recorded ¼" of rain.

Night temperatures were 6-14°F below normal in Quetta, Kalat and Rawalpindi divisions and 3-5°F so elsewhere over West Pakistan outside Multan, Lahore, D. I. Khan and Karachi divisions.

Forecast valid until the evening of 20th December, 1961:—Rain/thundershowers will be scattered in the northern districts of East Pakistan and in Rawalpindi, Peshawar, D. I. Khan, Quetta divisions and Kashmir with a few falls of snow in the hills of West Pakistan.

Karachi-11
The 19th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																		At 0300 Hrs. G.M.T. of date												Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	27	05	xx	00	0	138	69	9	x	0	x	x	58	79	000	4	1	36	05	96	03	4	185	65	1	2	6	0	0	58	59	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	36	07	xx	02	0	124	71	0	0	9	0	0	59	78	000	0	0	05	05	97	02	0	172	67	0	0	9	0	0	57	55	—	— 3.1	0.9	+ 3.1	186.7	180
	Chittagong	000	0	0	00	00	xx	02	0	132	66	0	0	9	0	0	53	79	000	0	0	05	02	96	00	0	172	67	0	0	9	0	0	59	54	— 1	— 2.6	0.1	— 2.6	170.7	168
	Maijdee Court	000	9	0	00	00	xx	10	0	133	67	0	0	9	0	0	57	77	000	0	4	00	00	96	02	4	176	65	x	x	9	x	x	55	54	— 1	— 1.8	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	xx	02	0	135	68	0	0	9	0	0	54	79	000	0	1	00	00	97	03	0	158	64	1	1	8	0	0	55	54	0	— 1.6	0	— 1.6	76.9	94
	Brahmanbaria	000	0	2	00	00	xx	03	1	135	67	0	0	9	0	0	55	77	000	0	4	31	03	97	03	1	178	65	4	0	9	0	4	60	57	—	—	1.3	—	65.4	78
	Sylhet	000	0	0	00	00	xx	02	0	134	68	0	0	9	0	0	55	75	000	0	3	09	02	96	01	2	167	65	2	5	6	7	1	54	56	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	xx	00	0	xxx	57	0	0	9	0	0	53	76	000	0	7	00	00	95	02	0	xxx	65	0	0	5	0	2	58	52	— 5	+ 4	1.0	+ 0.6	52.1	98
Dacca	Mymensingh	000	0	8	00	00	xx	02	—	143	67	8	5	4	x	x	57	75	000	0	6	27	02	96	02	1	183	61	6	4	4	0	0	59	54	— 1	— 0	0.3	— 0.7	62.1	91
	Narsyanganj	000	9	1	00	00	xx	00	0	137	69	1	0	9	3	0	53	78	000	0	3	00	00	96	01	1	178	64	2	5	6	0	0	58	53	+ 1	— 4	0.4	— 0.7	73.0	74
	Dacca (Tezgaon)	000	9	3	31	02	96	03	0	138	66	3	0	9	5	0	59	77	000	0	3	31	02	96	01	1	173	64	3	0	9	3	0	56	55	—	—	0	—	81.2	—
	Faridpur	000	0	2	00	00	95	05	0	138	70	2	4	8	0	0	58	76	000	0	5	34	02	96	02	0	164	63	2	4	7	1	0	56	56	+ 1	+ 2	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	00	00	95	02	1	131	73	0	0	9	0	0	65	78	000	0	0	00	00	97	02	1	175	66	0	0	9	0	0	63	56	+ 1	— 1.8	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	98	05	0	132	68	0	0	9	0	0	61	75	000	0	4	05	05	97	01	2	179	65	4	5	6	0	0	62	57	— 2	+ 2	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	120	69	0	0	9	0	0	58	77	000	0	8	00	00	96	02	2	179	61	4	4	6	3	0	55	56	— 1	+ 4	0	— 1.9	54.3	65
	Jessore	000	0	3	00	00	97	01	1	127	70	2	4	6	6	0	56	77	000	0	7	31	03	97	03	2	176	62	0	0	9	0	0	56	55	—	—	0	— 1.1	59.0	65
Rajshahi	Pabna	000	0	8	31	05	xx	03	1	137	68	8	0	9	9	x	59	77	000	0	4	31	05	95	01	2	179	63	4	0	9	9	0	59	55	—	—	0	—	50.5	59
	Sirajganj	000	0	8	00	05	xx	02	0	150	67	8	5	5	x	x	47	77	001	3	1	00	00	96	01	6	179	69	1	0	9	3	0	53	56	+ 1	— 1	0.7	— 0.1	50.0	64
	Bogra	000	2	8	31	02	xx	51	5	141	65	2	5	6	7	x	12	73	000	9	6	36	02	96	03	5	174	60	4	5	5	3	0	55	57	— 3	+ 4	0.3	— 0.6	53.6	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	007	0	0	00	00	96	00	1	180	61	0	0	9	0	0	52	53	—	— 3	0.1	— 0.3	51.9	72
	Rangpur	000	2	7	00	00	xx	20	5	132	62	7	5	6	0	0	59	67	018	9	1	05	02	96	01	6	118	61	1	0	9	1	0	56	50	— 11	— 1	0.2	— 0.3	60.4	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	6	1	00	00	96	01	2	163	59	1	0	9	3	0	49	63	000	0	0	00	00	94	10	0	228	41	0	0	9	0	0	39	39	— 9	— 0	0.3	— 0.1	51.4	19
	Sialkot	000	0	0	00	00	97	00	0	158	59	0	0	9	0	0	53	62	000	0	0	00	00	96	03	0	222	49	0	0	9	0	0	46	43	— 6	+ 1	2.9	+ 2.9	37.9	32
Rawalpindi	Jhelum	000	0	1	00	00	97	01	0	150	60	0	1	7	0	0	45	65	000	0	0	00	00	96	01	0	227	41	0	0	9	0	0	39	38	—	—	1.1	—	35.8	—
	Rawalpindi	000	0	0	00	99	00	0	0	157	50	1	1	8	0	0	42	59	000	0	0	34	02	96	10	0	235	39	0	0	9	0	0	38	37	— 7	— 0	2.2	+ 1.4	54.4	36
	Campbellpur	000	0	0	13	02	98	00	0	147	58	0	1	9	0	0	46	61	000	0	0	13	02	98	00	0	237	43	0	0	9	0	0	41	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	156	54	0	0	9	0	0	52	60	000	0	0	09	02	98	00	0	229	43	0	0	9	0	0	39	40	— 11	— 1	0	— 0.3	11.2	18
	Lyallpur	000	0	0	00	00	96	00	0	156	xx	0	0	9	0	0	43	64	003	0	0	00	00	93	44	4	211	44	0	0	9	0	0	39	40	— 5	— 1	0.1	— 0.1	14.0	12
Multan	Montgomery	000	0	0	00	00	96	02	0	157	61	0	0	9	0	0	49	65	000	3	0	13	02	93	42	0	222	43	0	0	5	0	0	41	40	— 6	— 2	0.1	0	10.3	10
	Multan	000	0	1	27	03	97	01	4	159	62	1	8	6	0	0	61	65	000	0	9	00	00	96	05	0	222	47	0	0	9	0	1	44	43	— 5	+ 1	0	— 0.2	7.5	7
	Laiah	000	0	0	18	02	97	00	0	976	64	0	0	9	0	0	44	78	000	0	6	36	02	92	03	2	172	45	0	0	9	0	0	45	34	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	153	67	0	0	9	0	0	45	72	000	0	5	00	00	96	05	0	211	43	1	0	9	0	1	38	39	— 3	— 4	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	96	00	0	159	64	0	0	9	0	0	56	67	000	0	0	00	00	98	00	0	229	49	0	0	9	0	0	43	43	— 8	— 0	0	— 0.2	12.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	163	61	0	0	9	0	0	53	61	000	0	0	00	00	98	00	0	216	43	0	0	9	0	0	43	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	1	18	02	96	00	0	138	53	0	0	9	0	0	51	55	030	0	0	13	02	96	00	0	221	38	0	0	9	0	0	30	35	—	—	2.4	—	27.8	—
	Peshawar	000	0	0	00	00	96	02	0	153	56	1	1	6	3	0	45	60	000	0	0	00	00	95	04	0	229	41	1	0	9	3	0	39	40	— 6	— 0	1.4	+ 0.8	19.2	11
	Haripur	000	0	6	23	03	97	00	0	166	49	0	1	9	0	0	39	57	003	0	0	25	03	97	00	0	220	41	0	0	9	0	0	34	38	—	—	2.1	—	3.1	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	159	57	0	0	9	0	0	45	58	000	2	8	00	00	98	03	0	223	43	0	0	9	0	0	42	40	— 6	— 0	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	xxx	59	0	0	9	0	0	50	60	000	2	7	00	05	98	02	1	223	51	7	7	8	0	0	47	47	— 11	— 7	0	— 0.3	7.7	9
Quetta	Sibi	000	0	0	18	03	98	00	0	150	71	0	0	9	0	0	30	72	000	0	6	00	00	97	03	2	203	41	7	0	0	4	0	32	40	—	—	0	—	5.6	5
Kalat	Nokkundi	000	0	0	27	03	98	02	0	162	64	0	0	9	0	0	27	66	000	0	0	02	05	98	02	0	234	37	0	0	9	0	0	23	37	—	—	0	—	1.0	2
	Turbat	000	0	0	00	00	98	00	0	137	78	0	0	9	0	0	24	79	000	0	0	00	02	97	00	0	174	50	0	0	9	0	0	17	xx	—	—	1.0	—	12.3	3
	Jiwani	000	0	0	16	03	97	02	0	148	74	0	0	9	0	0	43	xx	000	0	4	02	02	97	03	0	155	81	x	x	9	x	x	53	60	—	—	0	—	3.8	8
	Pasni	000	0	0	16	09	95	05	4	144	73	0	0	9	0	0	44	78	000	0	6	29	03	95	05	2	176	55	x	x	9	x	4	40	54	+ 1	— 1	0	— 0.9	5.4	8
Karachi Division	Ormara	000	0	0	18	04	95	05	4	145	73	0	0	9	0	0	38	76	000	9	6	00	00	94	05	4	174	56	6	0	9	0	1	43	50	—	—	0	— 0.1	9.9	6
	Lasbela	000	0	0	00	00	98	00	0	149	80	0	0	9	0	0	49	82	000	0	6	05	09	97	03	2	182	69	0	0	9	0	3	47	59	—	—	0	—	9.9	8
	Karachi (Mamora)	000	0	8	25	10	98	02	0	143	76	0	0	9	0	0	65	85	000	0	6	05	09	97	03	0	182	69	0	0	9	0	3	47	59	+ 8	— 0	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	0	18	02	96	02	0	145	75	0	0	9	0	0	44	77	000	0	5	00	00	96	03	1	187	48	0	0	9	0	0	37	46	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	000	0	0	39	03	97	00	0	118	73	0	0	9	0	0	51	75	000	0	0	00	00	97	00	0	166	57	0	0	9	0	0	47	xx	—	—	0	—	17.3	—
	Umerkot	000	0	0	34	01	98	02	0	139	75	0	0	9	0	0	38	77	000	0	6	11	03	97	02	0	186	54	0	0	9	0	0	47	48	—	—	0	—	30.2	—
	Hyderabad	000	0	0	00	00	97	02	0	147	74	0	0	9	0	0	47	78	000	0	6	00	00	93	05	0	189	58	0	0	9	0	0	49	49	+ 1	— 2	0	— 0.4	18.9	9
	Badin	000	0	0	36	02	97	00	0	147	76	0	0	9	0	0	63	80	000	0	0	36	02	97	00	0	192	52	0	0	9	0	0	49	48	0	— 3	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	13	03	97	02	0	149	73	0	0	9	0	0	32	76	000	0	5	09	02	96	03	0	193	47	0	0	9	0	0	38	41	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	05	0	163	74	0	0	9	0	0	32	76	000	0	3	00	00	96	05	0	203	48	3	0	9	0	0	39	42	—	—	0	—	5.3	4
	Sukkur	000	0	0	20	02	97	02	0	148	72	0	0	9	0	0	39	76	000	0	3	16	05	96	03	0	197	52	0	0	9	0	0	36	51	—	—	0	—	2.3	4
	Kashmore	000	0	0	00	00	99	00	0	171	65	0	0	9	0	0	21	73	000	0	0	00	00	99	00	0	167	47	0	0	9	0	0	28	35	—	—	0	—	1.8	4
	Jacobabad	000	0	0	23	02	97	02	0	150	71	0	0	9	0	0	30	74	000	0	2	09	02	97	02	0	198	46	0	0	9	0	2	34	45	— 0	— 0	0.2	— 0	0.8	4
Jiwagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	1	05	08	97	20	0	161	16	0	0	9	0	1	00	13	—	—	—	—	—	20
Afghanistan	Jalalabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Arabia	Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kuwait	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	HILL STATIONS																																								
	Srinagar	xxx	x	1	32	01	98	02	0	482	41	1	1	6	0	0	52	xx	xxx	x	5	16	02	97	01	1	537	51	2	5	6	3	0	54	xx	—	—	—	—	—	28
	Gulmarg																																								73
	Sonamarg																																								36
	Dras																																								5
	Leh																																								5
	Skardu																																								5
	Minimarg																																								5
	Allabad																																								5
	Gilgit																																								5
Rawalpindi	Murree	000	9	2	07	02	98	01	4	491	31	2	5	2	0	0	29	34	000	9	0	00	00	98	00	0	529	27	0	0	9	0	0	20	24	— 14	— 10	4.1	+ 2.5	73.0	88
Peshawar	Drosh	000	2	7	13	05	96	03	2	475	45	7	0	9	3	0	09	47	000	9	0	09	03	97	02	2	540	33	0	0	9	0	0	12	32	— 4	— 2	0.9	—	33.9	38
	Chitral	000	0	8	00	06	96	03	2	483	48	8	7	6	0	0	42	46	000	0	0	03	02	98	00	0	463	38	0	0	9	0	0	27	34	— 7	— 8	2.3	+ 1.0	31.5	36
	Kohat	000	0	4	23	03	97	03	1	486	45	6	3	4	0	0	34	51	000	0	0	36	02	95	04	0	528	37	0	0	9	0	0	32	35	—	—	5.8	—	5.8	25
	Landikotal	000	0	8	18	02	99	00	0	469	48	0	0	9	0	0	35	54	000	0	0	00	00	99	00	0	503	30	0	0	9	0	0	29	27	—	—	1.8	—	15.8	17
	Parachinar	000	0	8	11	03	98	00	0	488	41	0	0	9	0	0	27	58	000	0	6	34	01	98	01	0	536	31	1	1	8	0	0	24	27	—	—	0.8	—	30.0	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	476	52	0	0	9	0	0	14	54	000	0	7	00	00	94	03	2	509	32	7	0	9	0	4	30	29	—	—	0.7	—	12.0	11
	Wana	000	0	0	00	00	99	00	0	413	40	0	0	9	0	0	33	56	000	0	0	00	00	98	00	0	540	32	5	0	9	0	0	27	27	—	—	0.3	— 0.1	11.6	11
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	488	56	0	0	9	0	0	06	58	000	0	6	00	00	98	03	0	540	32	5	0	9	3	0	07	27	—	—	0.3	—	11.6	11
	Hindubagh	000	0	0	00	00	97	02	0	481	50	0	0	9	0	0	15	52	000	0	0	27	02	97	00	0	484	37	0	0	9	0	0	15	15	—	—	0.3	—	6.1	7
	Loralai	000	0	0	23	03	99	00	0	483	52	0	0	9	0	0	24	54	000	0	0	31	02	99	00	0	488	31	0	0	9	0	0	25	25	—	—	0.5	—	5.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.3	34.2	14
	Quetta	000	0	0	31	02	97	00	0	578	43	0	0	9	0	0	23	48	000	0	2	00	00	96	03	0	504	37	0	0	9	0	0	25	15	—	—	0.5	— 0.5	6.7	9
	Chaman	000	0	0	23	05	98	02	0	494	52	0	0	9	0	0	34	56	000	0	0	09	03	98	00	0	512	33	0	0	9	0	0	06	28	+ 1	— 8	0.5	— 0.7	6.6	8
	Nushki	000	0	0	00	00	98	02	0	554	56	0	0	9	0	0	24	57	000	0	0	09	05	98	02	0	538	46	0	0	9	0	0	28	39	—	—	0.1	—	3.9	9
	Dalbandin	000	0	0	00	03	96	02	0	515	59	0	0	9	0	0	06	65	000	0	2	05	02	96	03	0	493	29	0	0	9	0	1	12	27	— 1	— 8	0.2	— 0.2	3.8	4
Kalat	Kalat	000	0	0	31	02	98	00	0	490	45	0	0	9	0	0	20	52	000	0	0	18	09	98	00	0	523	25	0	0	9	0	0	23	10	— 2	— 16	0.2	— 0.5	23.1	7
Afghanistan	Panjgur	000	0	1	36	03	98	02	0	501	58	0	0	9	0	1	31	60	000	0	3	05	03	98	02	0	494	34	0	0	9	3	0	09	33	— 4	— 6	0.2	—	5.2	8
	Kabul																																								12
	Kandhar																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 19th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Barmora	23 247	647 00	0 02 11	97 0 20	142 71	00 0 00	25 7 03	...	05 7 xx	10 2 23
Jal Panna	23 165	625 06	2 34 06	98 0 20	161 79	18 5 00	65 2 05	...	05 2 xx	13 4 20
City of Johannesburg	23 239	633 06	0 33 09	96 0 64	179 74	00 9 00	15 4 32	...	00 0 57	14 9 x2
Caltex Madred	23 162	538 12	4 03 60	93 0 21	133 76	20 6 41	16 7 26	...	05 1 56	10 3 21
Herminios	23 233	592 12	0 36 10	99 0 20	125 79	00 9 00	76 9 xx	...	00 2 xx	13 6 xx
Pakistan Prosperty	23 213	691 12	0 32 13	98 0 00	155 74	00 9 00	73 4 00	...	05 3 71	13 2 22
Merukerk	23 172	552 12	6 05 15	98 0 32	130 79	43 5 54	15 7 24	...	00 3 65	10 5 22
Caltex Madred	23 169	552 18	0 06 20	58 0 11	154 76	00 9 00	16 2 08	...	05 1 63	10 6 21
Maaloyd	23 147	542 18	7 05 16	98 0 16	147 76	32 4 3x	25 2 15	...	00 0 67	10 5 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	003 132 122	119 132 085	...	145 098 075	...	307 025 002	430 555 582	572 602 992	741 665 998	953 765	...	...	...
Dacca ...	00 00	009 162 122	133 215 175	...	150 108 522		311 052 995	435 508 998	578 595 995	747 678 998	956 822	...	...	
Jiwani ...	00 00	014 172 002	143 162 995	...	157 100 990	...	309 015 995	432 550 990	573 651 990	739 732 992	942 898	211 042	...	...
Karachi ...	00 00	995 132 062	166 xxxx x	...	150 052 042	...	319 525 995	402 582 998	580 668 992	744 770 990	948 852	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	977 068 005	...	...	145 048 015	...	305 548 662	425 635 778	561 720 990	722 800 990	923 890	...	...	...
Quetta ...	00 00	833 532 612	...	...	...	...	309 045 995	433 590 990	575 598 992	743 752 995	947 855	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 118 088	800 082 052	653 002 522	645 300 600	584 025 658	...	...	...	...	584 025 658	...	...
Dacca ...	00 00	900 145 062	...								900 145 062		
Jiwani ...	00 00	...		...	...	...	...	...	...	...	xxx xxx xxx	...	...
Karachi ...	00 00	900 072 058	800 038 028	...	...	...	...	...	...	...	800 038 028	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	923 042 042	900 032 032	800 005 542	...	...	...	...	...	...	800 005 542	...	...
Quetta ...	00 00	800 502 658	941 000 900	...	...	...	...	...	...	...	641 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	No	...	Ascent	...	...	...	...	...	...
Chaklala ...	...	27 03	23 02	09 05	26 11	30 16	30 26	31 38	31 40
Chhor ...	02 04	36 03	35 03	34 08	34 22	31 26	30 35	29 46	29 54
Chittagong ...	25 14	24 13	21 09	14 07	23 08	...	...	...	...
Cox's Bazar ...	29 07	30 04	06 05	14 03	26 07	...	...	...	...
Dacca ...	30 10	31 08	31 08	31 06	26 09	28 17	...	...	...
Dalbandin ...	...	...	xx xx	28 03	33 10	30 15	30 26	30 33	29 35
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 03	19 04	13 02	...	...
Fort Sandeman ...	...	...	...	21 03	24 04	31 17	31 37	31 43	31 62
Jacobabad ...	23 03	20 02	19 02	26 04	29 07	33 17	30 32	30 42	29 41
Jessore ...	33 10	34 09	34 08	32 07	28 18	27 18	...	...	...
Jhelum ...	10 01	34 02	27 04	30 27	30 13	30 13	31 27	31 39	31 39
Jiwani ...	22 08	30 03	30 07	33 07	35 07	29 09	28 22	27 31	27 29
Karachi ...	15 08	12 06	11 07	08 06	34 02	33 15	30 29	30 29	30 32
Khanpur ...	24 02	26 03	26 04	30 10	33 09	32 13	30 31	31 52	...
Lahore ...	03 04	01 03	36 02	36 04	33 17	32 18	32 34	32 33	32 37
Multan ...	13 05	16 08	17 09	21 07	25 08	31 15	31 39	31 37	31 47
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	03 07	32 05	31 14	29 24	28 33	29 42
Peshawar ...	...	04 05	06 05	16 04	23 08	29 22	...	...	...
Quetta ...	...	...	...	...	32 03	31 10	31 27	30 22	30 27
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	06 01	02 01	27 01	23 04	25 10	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	34 07	32 07	29 10	27 17	26 21	23 23
Chaklala ...	...	27 01	26 01	27 02	30 10	28 15
Chhor ...	09 11	07 04	05 01	25 06	32 07	21 10
Chittagong ...	36 05	03 03	24 04	29 07	29 11	26 19
Cox's Bazar ...	30 02	21 03	25 05	30 09	28 10	27 27
Dacca ...	30 07	27 07	30 09	28 08	26 13	25 45
Dalbandin ...	...	...	07 05	29 06	30 11	27 15
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	25 04	26 05	26 04
Fort Sandeman ...	...	...	...	23 02	27 06	28 17
Jacobabad ...	12 07	20 07	21 07	21 09	24 11	29 13
Jessore ...	34 09	31 03	28 09	28 10	...	...
Jhelum ...	35 03	30 05	30 04	30 04	25 05	30 09
Jiwani ...	36 05	04 01	07 02	15 08	22 11	26 15
Karachi ...	...	...	...	...	...	...
Khanpur ...	13 15	15 15	17 10	23 09	27 12	22 02
Lahore ...	33 01	35 01	34 03	36 04	05 02	34 06
Multan ...	14 10	14 10	19 07	02 07	24 09	28 21
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	05 02	34 03	23 04	24 10	32 10
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	29 04	30 08	30 11	26 18	...	...	...	...	...	...	...
Chaklala ...	...	27 01	30 03	13 02	06 15	24 02	27 18	31 35	29 44	...	...
Chhor ...	12 07	06 04	05 02	24 04	05 10	27 19	...	...	...	...	...
Chittagong ...	36 05	35 06	32 10	23 12	27 07	26 20	26 47	26 78	...	...	...
Cox's Bazar ...	xx xx	34 08	34 11	31 12	30 09	27 17	26 17	25 51	...	...	...
Dacca ...	34 08	32 08	29 08	29 13	26 14	25 29	26 46	26 58	26 68	25 98	75 13
Dalbandin ...	...	...	06 03	27 04	32 04	25 15	27 25	27 38	28 39	28 47	27 71
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 07	01 04	29 13	29 38	...	...	...
Fort Sandeman ...	...	...	...	04 04	03 07	27 15	29 24	29 30	...	...	...
Jacobabad ...	11 07	14 06	16 05	20 07	25 10	24 12	27 21	29 29	28 36	27 40	...
Jessore ...	33 05	32 07	31 10	28 14	25 09	25 35	...	...	...	...	...
Jhelum ...	01 02	33 05	33 05	28 06	22 04	27 05	28 15	28 13	28 14	...	...
Jiwani ...	01 04	26 04	26 01	26 05	29 07	23 17	26 23	27 24	26 31	27 51	26 61
Karachi ...	10 06	11 05	13 06	17 06	01 04	30 09	28 25	27 31	27 37	...	...
Khanpur ...	25 02	26 03	26 04	30 09	34 08	31 22	31 21	30 32	...	...	...
Lahore ...	33 02	33 02	33 03	20 03	30 16	29 23	30 37	30 43	30 43	...	...
Multan ...	21 03	15 09	15 08	19 04	20 18	26 17	29 28	28 27	28 29	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 03	18 05	36 46	27 20	28 18	28 18	28 25	27 48
Peshawar ...	...	02 01	04 04	35 06	05 05	11 03	26 37	29 23	30 12	29 49	...
Quetta ...	...	...	...	...	22 03	28 07	26 24	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 03	25 02	28 09	30 11	28 19	25 32	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.3	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	31 05	31 09	31 09	26 09	26 10	27 27	26 56	36 47	25 71	73 19	75 17	...	...	...	...	...	...	...
Karachi ...	36 02	14 02	08 02	08 02	01 03	30 15	27 33	27 30	28 47	28 74	77 09	78 20	...	...	...	...	...	...
Peshawar ...	..	05 12	01 04	34 07	32 07	31 08	30 17	30 25	33 29	28 35	31 49	31 56	29 76	79 07	...	...	...	...
Quetta ...																		

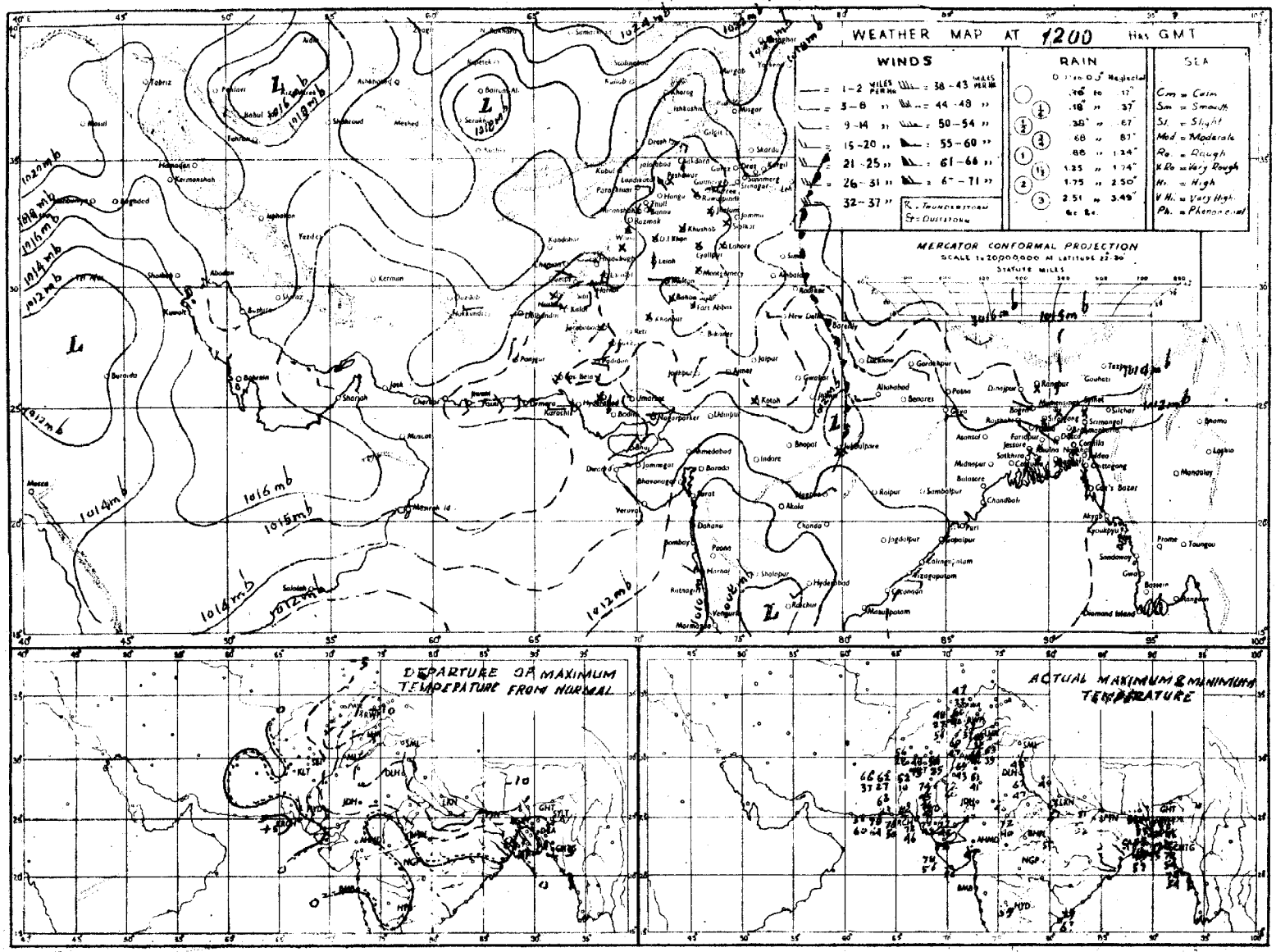
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

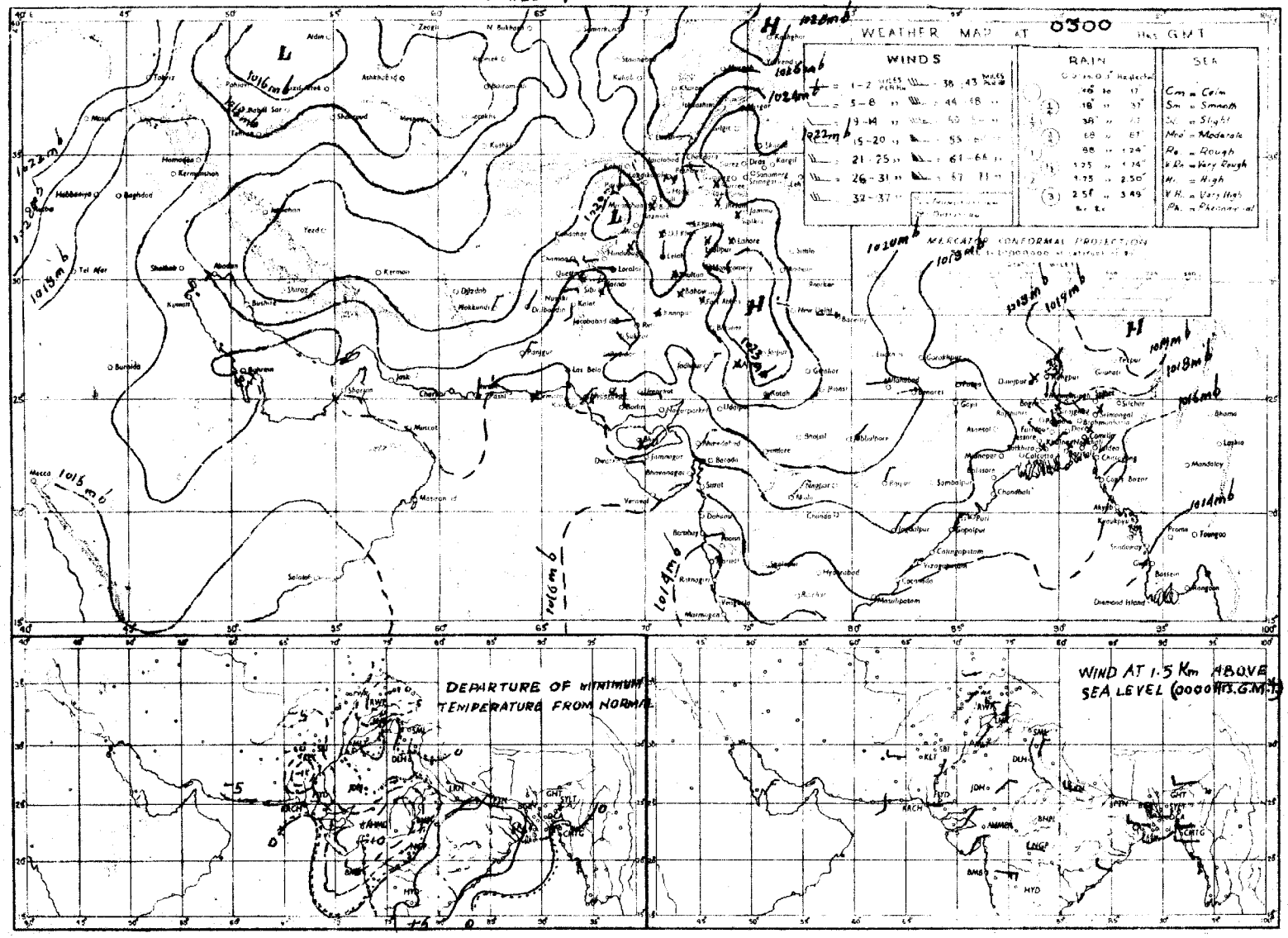
MONDAY 18th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 19th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 20th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave now lies over D. I. Khan division and adjoining areas.

A western disturbance is moving across northeast Iran and neighbourhood.

Weather remained dry over the country.

Night temperatures were 3-9°F below normal over West Pakistan outside D. I. Khan Multan, Lahore, Sargodha and coastal districts of Kalat divisions and in the northern districts of Rajshahi and Dacca divisions.

Forecast valid until the evening of 21st December, 1961:—Scattered rain/snow may fall in D. I. Khan and Peshawar divisions. A few falls of light rain/drizzle are also likely in Kalat division.

Karachi-11
The 20th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	01	0	xxx	xx	0	0	9	0	0	xx	76
	Cox's Bazar	000	0	0	36	07	xx	02	0	120	74	0	0	9	0	0	59	78
	Chittagong	000	0	0	31	03	xx	00	0	118	69	0	0	9	0	0	54	70
	Maijdee Court	000	0	0	00	00	xx	10	0	132	69	0	0	9	0	0	56	76
	Comilla	000	0	0	00	00	xx	02	0	125	69	0	0	9	0	0	57	77
	Brahmanbaria	000	0	3	00	00	xx	03	1	139	68	3	0	9	4	0	56	76
	Sylhet	000	0	5	27	02	xx	02	2	130	65	0	0	9	8	0	55	76
	Srimangal	000	0	4	03	03	xx	02	2	xxx	57	0	0	5	0	2	53	77
Dacca	Mymensingh	000	0	4	00	00	xx	01	1	142	67	4	4	4	0	0	59	74
	Narayanganj	000	0	5	31	02	xx	03	1	134	70	3	5	5	7	0	56	77
	Dacca (Tejgaon)	000	0	5	31	05	97	02	1	133	64	5	0	9	5	0	56	76
	Faridpur	000	0	2	34	02	95	01	0	135	68	2	4	7	0	0	58	74
Khulna	Barisal	000	0	0	00	00	94	02	1	123	71	0	0	9	0	0	69	76
	Khulna	000	0	0	00	00	xx	00	1	135	70	0	0	9	0	0	63	76
	Satkhira	000	0	3	00	00	96	01	2	147	70	2	2	8	3	0	58	76
	Jessore	000	0	3	00	00	96	02	4	146	70	3	4	6	0	0	56	xx
Rajshahi	Pabna	000	0	0	00	00	xx	02	1	137	68	0	0	9	0	0	59	75
	Sirajganj	000	0	0	00	00	xx	00	0	145	64	0	0	9	0	0	57	75
	Bogra	000	0	0	31	02	xx	01	2	137	66	0	0	9	0	0	55	74
	Dinajpur	000	0	0	00	00	xx	00	0	131	66	0	0	9	0	0	49	73
	Rangpur	000	0	0	00	00	xx	00	0	139	62	0	0	9	0	0	59	68
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	02	1	193	60	1	5	7	2	0	47	63
	Sialkot	000	0	0	00	00	97	00	0	173	56	0	0	9	0	0	48	61
Rawalpindi	Jhelum	000	0	5	00	00	97	02	2	182	66	0	0	9	0	4	41	65
	Rawalpindi	000	0	0	27	02	97	02	2	191	53	0	0	9	0	0	43	60
	Campbellpur	000	0	4	05	02	97	01	0	167	57	0	0	9	0	0	42	59
Sargodha	Khushab	000	0	0	00	00	99	00	0	209	60	0	0	9	0	0	58	60
	Lyallpur	000	0	0	00	00	96	00	0	198	64	0	0	9	0	0	41	64
Multan	Montgomery	000	0	1	00	00	96	02	0	186	xx	1	7	3	0	0	44	66
	Multan	000	0	2	00	00	98	01	0	197	62	0	0	9	0	1	xx	66
	Leiah	000	0	5	09	02	97	01	2	180	63	0	0	9	0	6	47	66
Bahawalpur	Khanpur	000	0	0	05	03	96	02	0	176	65	0	0	9	0	0	41	67
	Bahawalpur	000	0	0	00	00	98	00	0	179	62	0	0	9	0	0	59	68
	Fort Abbas	000	0	0	02	02	98	00	0	188	62	0	0	9	0	0	45	64
Peshawar	Chakdara	000	0	0	18	02	96	00	0	195	53	0	0	9	0	0	51	54
	Peshawar	000	0	7	00	00	96	04	1	192	58	1	1	6	0	1	41	60
	Haripur	000	0	0	23	02	97	00	0	188	53	0	0	9	0	0	43	61
D. I. Khan	Bannu	000	0	6	00	00	99	03	2	187	60	0	0	9	0	8	55	62
	D. I. Khan	000	6	4	00	00	98	02	0	178	63	0	0	9	0	0	48	65
Quetta	Sibi	000	0	4	00	00	98	03	2	173	69	0	0	7	2	0	30	71
Kalat	Nokkundi	000	0	0	00	00	98	02	0	149	63	0	0	9	0	0	35	66
	Turbat	000	0	0	23	02	98	00	0	141	76	0	0	9	0	0	24	79
	Jiwani	000	0	1	16	05	98	02	0	143	73	1	5	6	0	0	55	76
	Pasni	000	0	0	11	05	96	05	4	146	71	0	0	9	0	0	47	74
Karachi Division	Ormara	000	0	1	07	03	96	01	4	145	73	1	0	9	0	1	56	76
	Lasbela	000	0	0	00	00	98	00	0	144	78	0	0	9	0	0	59	79
	Karachi (Manora)	000	0	4	23	12	98	01	1	151	74	0	0	9	4	0	61	81
	Karachi (Airport)	000	0	5	00	00	96	03	1	153	75	0	0	9	0	6	41	77
Hyderabad	Nagarparkar	000	0	2	00	00	96	00	0	136	70	0	0	8	0	2	45	73
	Umarkot	000	0	8	02	01	98	02	0	149	72	5	5	7	0	4	41	75
	Hyderabad	000	0	7	00	00	97	02	2	162	70	3	0	7	3	1	39	76
	Badin	000	0	0	36	02	97	00	0	159	76	0	0	9	0	0	46	79
Khairpur	Padidan	000	0	1	00	00	97	01	1	160	74	0	0	9	0	8	24	75
	Nawabshah	000	0	3	00	00	97	01	0	163	72	0	0	9	2	8	39	76
	Sukkur	000	0	2	23	02	97	01	1	161	73	0	0	9	0	3	45	78
	Kashmore	000	0	0	00	00	96	00	0	182	67	0	0	9	0	0	30	73
	Jacobabad	000	0	1	23	02	97	02	0	163	78	0	0	9	0	2	39	73
Junagadh	Veraval	xxx	x	1	24	08	97	01	0	116	xx	0	0	9	0	1	46	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	5	00	00	98	03	1	525	37	1	5	7	0	1	28	—
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	5	6	05	02	98	02	1	513	33	2	5	5	4	0	27	39
Peshawar	Drosh *	000	4	6	13	03	96	01	2	514	43	3	0	9	4	1	13	45
	Cherat *	000	0	8	30	13	98	03	2	509	42	8	0	8	0	9	73	64
	Kakul *	000	0	6	25	03	97	02	1	517	46	0	0	9	0	4	34	52
	Landikotal *	000	0	5	23	02	98	01	1	506	48	1	1	7	0	4	31	50
	Parachinar *	000	0	4	16	02	97	03	1	519	39	2	7	9	0	1	39	44
D. I. Khan	Miranshah *	000	0	4	05	02	98	03	2	505	54	4	4	8	0	0	34	55
	Wana *	000	0	5	00	00	99	01	1	517	46	4	1	9	0	0	32	49
Quetta	Fort Sandeman *	000	0	3	00	00	99	01	0	511	49	3	0	8	3	0	08	51
	Hindubagh *	000	0	6	09	05	97	00	0	468	47	0	0	9	0	2	25	53
	Loralai *	000	0	5	11	02	99	02	2	375	45	0	0	9	1	2	29	54
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	6	31	09	97	03	2	477	52	0	0	9	3	1	23	55
	Chaman *	000	0	0	23	05	98	00	0	495	50	0	0	9	0	0	01	52
	Nushki *	000	0	3	18	05	98	03	0	554	57	3	0	9	3	0	28	62
	Dalbandin *	000	0	3	00	00	96	03	0	507	64	2	0	9	3	1	22	65
Kalat	Kalat *	000	0	0	18	03	98	00	0	483	51	0	0	9	0	0	34	59
	Panjgur *	000	0	3	23	02	98	03	1	498	64	0	0	9	3	0	28	65
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961, to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	5	0	36	05	96	00	4	175	64	0	0	9	0	0	57	57	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	0	36	08	97	02	0	184	69	0	0	9	0	2	57	61	— 1	+ 3	0.9	— 3.1	[illegible]	140
	Chittagong	000	0	1	02	03	96	01	1	167	67	1	0	9	0	1	55	56	— 8	— 1	0.1	— 2.6	[illegible]	100
	Maijdee Court	000	9	0	34	02	98	00	4	176	63	0	0	9	0	0	52	55	— 2	— 3	0	— 1.8	136.6	115
	Comilla	000	0	0	00	00	97	02	0	140	61	0	0	9	0	0	54	54	— 1	— 0	0	— 1.6	[illegible]	84
	Brahmanbaria	000	0	0	36	03	97	00	1	175	63	0	0	9	0	0	54	54	—	—	1.3	0	[illegible]	79
	Sylhet	000	0	1	09	05	96	01	1	170	65	1	8	6	8	0	56	54	—	—	0.1	—		
	Srimangal	000	0	0	27	02	97	00	0	xxx	61	0	0	9	0	2	57	45	— 4	— 3	1.0	+ 0.6	[illegible]	[illegible]
Dacca	Mymensingh	000	9	0	34	02	95	10	4	179	58	0	0	9	0	0	54	53	— 2	— 1	0.3	— 0.7	[illegible]	91
	Narayanganj	000	0	0	36	07	97	02	0	177	61	0	0	9	0	0	54	53	0	— 4	0.4	— 0.7	[illegible]	74
	Dacca (Tejgaon)	000	0	0	36	07	97	02	0	173	60	0	0	9	0	0	54	49	—	—	0	—	[illegible]	—
	Faridpur	000	0	0	34	03	94	00	0	164	60	0	0	9	0	0	53	50	— 1	— 4	0	— 1.2	[illegible]	71
Khulna	Barisal	000	0	0	36	02	97	02	1	176	62	0	0	9	0	0	51	54	— 1	— 1	0	— 1.8	[illegible]	81
	Khulna	000	0	0	31	03	97	00	0	182	63	0	0	9	0	0	58	54	— 1	— 1	0	— 1.3	[illegible]	[illegible]
	Satkhira	000	0	0	00	00	97	00	0	189	61	0	0	9	0	0	52	51	— 2	— 1	0	— 1.9	[illegible]	[illegible]
	Jessore	000	0	0	36	05	97	00	0	185	60	0	0	9	0	0	55	47	—	—	0	— 1.1	59.0	65
Rajshahi	Pabna	000	0	0	31	05	96	00	0	187	60	0	0	9	0	0	56	50	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	96	00	0	176	60	0	0	9	0	0	55	50	— 1	— 3	0.7	— 0.1	50.0	64
	Bogra	000	0	0	02	02	96	02	0	181	57	0	0	9	0	0	53	48	— 2	— 5	0.3	— 0.6	[illegible]	69
	Dinajpur	000	0	8	00	00	93	05	4	197	55	8	x	0	x	x	53	50	— 3	— 0	0.1	— 0.3	52.9	72
	Rangpur	000	0	0	34	02	94	42	4	189	55	0	0	9	0	0	53	48	— 7	— 3	0.2	— 0.1	60.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	197	42	0	0	9	0	0	40	41	— 9	+ 2	0.3	— 0.1	51.4	19
	Sialkot	000	0	0	00	00	96	00	0	195	50	0	0	9	0	0	43	41	— 7	— 1	2.9	+ 2.4	37.0	35
Rawalpindi	Jhelum	000	0	3	00	00	98	10	0	198	40	0	0	9	0	7	38	38	—	—	1.1	—	35.8	—
	Rawalpindi	000	0	0	27	02	95	10	0	218	37	0	0	9	0	0	36	36	— 6	— 1	2.2	+ 1.4	34.4	36
	Campbellpur	000	0	0	13	02	98	00	0	200	43	0	0	9	0	0	38	xx	—	—	0.8	—	17.4	—
Sargodha	Khushab	000	0	3	00	00	98	02	0	214	57	0	0	9	0	3	50	39	— 11	— 2	0	— 0.3	11.2	15
	Lyallpur	000	0	0	00	00	94	05	4	206	45	0	0	9	0	0	41	41	— 5	— 0	0.1	— 0.1	14.8	12
Multan	Montgomery	000	0	6	00	00	96	05	0	198	43	0	0	5	0	1	39	40	— 5	— 2	0.1	— 0.1	[illegible]	10
	Multan	000	0	6	00	00	96	05	1	195	46	0	0	9	0	2	41	43	— 4	+ 1	0	— 0.2	7.5	7
	Leiah	000	0	5	09	02	96	00	0	184	44	0	0	9	0	6	44	36	—	—	0	—	[illegible]	—
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	201	42	0	0	9	0	0	37	37	— 8	— 6	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	201	48	0	0	9	0	0	47	43	— 5	— 0	0	— 0.2	4.9	6
	Fort Abbas	000	0	0	05	02	96	00	0	213	43	0	0	9	0	0	43	41	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	02	98	00	0	194	39	0	0	9	0	0	31	35	—	—	2.4	—	27.8	—
	Peshawar	000	0	0	00	00	96	04	1	198	38	0	0	9	0	0	34	37	— 6	— 3	1.4	+ 0.7	19.2	11
	Haripur	000	0	0	27	05	97	00	0	189	40	0	0	9	0	0	35	37	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	000	0	3	00	00	97	10	0	199	38	0	0	9	0	4	38	39	—	—	0.5	—	14.4	11
	D. I. Khan	000	2	6	00	00	99	00	1	190	44	0	0	9	6	0	42	42	— 6	+ 2	0	— 0.3	[illegible]	—
Quetta	Sibi	000	0	0	00	00	97	00	0	197	41	0	0	9	0	0	30	40	—	—	0	—	5.4	8
Kalat	Nokkundi	000	0	0	02	03	98	02	0	209	40	0	0	9	0	0	23	37	—	—	0	—	1.0	3
	Turbat	000	0	0	09	02	97	00	0	171	55	0	0	9	0	0	34	xx	—	—	1.8	—	13.3	—
	Jiwani	000	0	0	05	02	97	02	0	182	60	0	0	9	0	0	48	54	—	—	0	—	3.0	7
	Pasni	000	0	6	34	02	97	02	2	160	61	2	2	7	4	0	49	55	— 3	0	0	— 0.9	3.4	6
Karachi Division	Ormara	000	0	7	09	02	96	03	1	160	68	7	1	5	1	0	56	56	—	—	0	— 0.9	[illegible]	6
	Lasbela	000	0	0	00	00	98	00	0	191	55	0	0	9	0	0	36	53	—	—	0	—	[illegible]	8
	Karachi (Manora)	000	0	0	05	10	97	02	0	176	59	0	0	9	0	0	40	55	+ 4	— 4	0	— 0.2	[illegible]	[illegible]
	Karachi (Airport)	000	0	0	00	00	96	02	1	182	50	0	0	9	0	0	36	45	—	—	0.1	—	24.7	[illegible]
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	165	57	0	0	9	0	0	47	xx	—	—	0	—	27.3	[illegible]
	Umarkot	000	0	0	02	02	97	02	0	173	44	0	0	9	0	0	33	42	—	—	0	—	[illegible]	[illegible]
	Hyderabad	000	0	0	36	02	97	02	0	183	49	0	0	9	0	0	39	48	— 2	— 3	0	— 0.1	[illegible]	7
	Badin	000	0	0	36	02	97	00	0	182	49	0	0	9	0	0	40	45	— 1	— 6	0	— 0.2	[illegible]	9
Khairpur	Padidan	000	0	0	00	00	96	02	0	189	41	0	0	9	0	0	37	39	—	—	0	—	[illegible]	—
	Nawabshah	000	0	0	00	00	96	02	0	190	44	0	0	9	0	0	39	43	—	—	0	—	9.2	—
	Sukkur	000	0	0	16	03	96	02	1	189	50	0	0	9	0	0	41	48	—	—	0	—	2.8	4
	Kashmore	000	0	0	00	00	99	00	0	188	48	0	0	9	0	0	33	34	—	—	0	—	[illegible]	—
	Jacobabad	000	0	0	31	05	97	02	0	196	44	0	0	9	0	0	35	43	— 1	— 2	0.2	0	[illegible]	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	×					30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	6	05	02	96	03	0	072	09	0	0	9	2	0	05	05						—
	Aliabad *																							—
	Gilgit *	000	0	8	00	00	98	03	2	579	30	8	5	8	x	x	31	27	—	—	—	—	—	5
Rawalpindi	Murree *	000	9	2	13	02	98	01	1	509	30	2	0	9	4	0	18	25	— 9	— 9	4.1	+ 2.5	73.3	50
Peshawar	Drosh *	000	9	7	18	03	96	03	2	517	33	7	0	9	3	0	28	32	— 6	— 2	0.9	—	23.9	18
	Cherat *	000	0	0	05	03	98	00	0	461	40	0	0	9	0	0	31	34	+ 11	— 8	2.2	+ 1.0	35.6	29
	Kakul *	000	9	1	16	03	97	01	1	502	38	0	0	9	0	1	29	35	—	—	5.1	—	41.3	—
	Landikotal *	000	0	0	00	00	99	00	0	576	30	0	0	9	0	0	27	29	—	—	1.9	—	18.0	—
	Parachinar *	000	0	0	00	00	99	00	0	508	20	0	0	9	0	0	23	27	— 10	— 4	0.8	—	20.0	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	504	55	0	0	9	0	0	23	31	—	—	0.1	+ 0.3	7.8	13
	Wana *	000	0	0	00	00	99	00	0	513	29	0	0	9	0	0	28	27	—	—	0.5	—	11.9	11
Quetta	Fort Sandeman *	000	0	1	00	00	98	01	0	515	30	1	0	9	0	4	24	29	— 8	— 2	0.3	— 0.1	31.6	11
	Hindubagh *	000	0	0	27	02	97	00	0	511	29	0	0	9	0	0	10	13	—	—	0.3	—	6.1	—
	Loralai *	000	0	4	23	03	99	01	1	363	27	0	0	9	1	2	24	24	—	—	0	—	5.4	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.5	34.7	14
	Quetta *	000	0	0	00	00	96	00	0	508	40	0	0	9	0	0	21	19	—	—	0.5	— 0.5	6.7	9
	Chaman *	000	0	0	09	05	98	00	0	507	35	0	0	9	0	0	04	28	— 3	— 8	0.5	— 0.7	6.8	8
	Nushki *	000	0	0	09	13	98	02	0	535	47	0	0	9	0	0	19	40	—	—	0.1	—	3.9	—
	Dalbandin *	000	9	0	05	05	96	02	0	482	32	0	0	9	0	0	22	28	+ 2	— 7	0.2	— 0.2	2.8	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	486	xx	0	0	9	0	0	28	17	+ 5	— 9	0.3	— 0.3	12.1	7
	Panjgur *	000	0	0	05	02	98	02	0	498	37	0	0	9	0	0	19	33	+ 1	— 6	1.2	—	5.2	5
Afghanistan	Kabul *																							
	Kandahar *																							12

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given as RRR see the summary sheet for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 20th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptune	33 109	668 00	1 09 20	97 0 20	113 77	11 5 00	2x 2 13	...	06 2 66	10 4 xx
Munttoren	33 173	563 06	2 06 13	98 0 25	164 77	00 7 06	55 2 19	...	00 0 59	10 6 43
Minnekerk	33 204	590 06	1 07 04	98 0 23	173 75	11 5 00	45 3 12	...	05 3 75	10 7 21
Caltex madrid	33 193	580 06	3 07 14	99 0 23	171 75	00 9 01	16 1 11	...	05 2 55	10 7 21
Caltex madrid	33 205	591 12	2 08 06	98 0 10	147 73	12 4 20	16 7 14	...	05 4 37	10 8 21
Alfred fraissine	33 263	567 12	1 18 03	99 0 20	165 73	11 5 00	26 7 37	...	05 3 59	11 4 20
Caltex Endhoven	33 238	588 12	2 00 00	98 0 20	166 75	10 8 62	30 6 13	...	05 2 54	10 0 xx
Alfred fraissine	33 250	578 18	0 12 03	99 0 20	170 73	00 9 00	36 1 03	...	06 4 57	11 2 20
Caltex madrid	33 220	599 18	0 02 03	98 0 20	162 73	00 9 00	16 1 11	...	05 2 64	10 2 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	014 148 068	124 178 082	...	145 055 502	...	306 020 999	429 532 999	571 608 999	738 732 999	943 865	...	...	...
Jiwani ...														
Karachi ...	00 00	012 095 508	123 185 042	...	145 068 555	...	307 028 999	430 555 999	571 638 999	736 775 999	937 905	207 025	...	...
Lahore ...	00 00	993 122 078	...	...	147 055 055	...	306 522 999	426 625 969	563 722 899	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	975 065 535	...	...	146 068 522	...	305 538 635	425 615 708	562 702 795	724 805 999	923 928	187 098	...	...
Quetta ...	00 00	832 538 545	...	...	...	...	304 632 999	420 690 999	544 775 798	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	920 098 029	827 045 542	...	...	...	...	...	...	...	827 045 542	...	...
Jiwani ...													
Karachi ...	00 00	900 105 518	800 048 565	...	...	...	...	...	...	...	800 048 565	...	...
Lahore ...	00 00	900 085 075	800 025 022	...	...	...	...	...	...	...	800 025 022	...	...
Multan ...													
Peshawar ...	00 00	935 105 028	900 092 015	800 028 562	...	...	...	...	...	...	800 028 562	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	544 775 798	...	...

PPP—Pressure in hundred tens and units of millibars,
TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	22 09	32 11	31 09	25 10	25 18	...	...	...	...
Chaklala ...	...	28 03	35 04	22 06	22 06	28 06	29 11	28 22	30 29
Chhor ...	06 04	05 10	06 04	26 02	28 09	29 17	...	...	...
Chittagong ...	02 06	02 13	03 12	05 16	06 24	05 58	...	...	...
Cox's Bazar ...	34 19	36 19	02 18	34 13	30 15	...	...	...	...
Dacca ...	31 13	33 13	32 10	32 05	27 13	28 25	28 31	28 39	28 62
Dalbandin ...	...	...	12 01	23 08	25 03	25 12	27 21	26 28	26 40
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	02 04	17 04	24 12	27 14	26 31	27 30
Jacobabad ...	18 03	18 04	19 04	21 07	28 12	26 17	25 02	27 27	28 32
Jessore ...	32 10	34 11	34 10	31 06	26 18	22 19	...	...	...
Jhelum ...	31 04	30 07	29 07	29 09	32 06	12 06	26 05	28 21	28 35
Jiwani ...	18 02	21 01	28 01	34 01	24 05	24 13	25 21	25 23	28 29
Karachi ...	16 04	11 04	08 05	08 06	29 02	27 13	26 19	26 23	27 46
Khanpur ...	05 06	09 06	11 04	30 02	24 08	26 17	26 15	27 21	29 31
Lahore ...	34 06	36 05	34 07	32 08	31 09	30 04	27 05	28 12	...
Multan ...	08 05	09 06	05 04	16 03	25 07	36 13	27 17	27 34	28 24
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	22 05	23 09	24 18	26 20	26 24	25 25
Peshawar ...	...	18 03	33 03	02 04	01 07	02 02	26 07	26 16	27 31
Quetta ...	...	...	...	...	19 03	23 06	25 15	26 33	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	19 03	20 02	23 03	29 03	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	36 10	02 06	18 03	...	...	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	08 13	07 11	06 15	02 09	27 08	27 17
Chittagong ...	36 21	01 14	35 09	17 03	31 13	28 15
Cox's Bazar ...	36 26	01 19	xx xx	23 11	24 08	26 13
Dacca ...	38 06	30 03	18 06	30 13	28 17	27 24
Dalbandin ...	...	...	07 05	12 06	26 07	23 18
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	09 01	13 02	14 02
Fort Sandeman ...	...	...	...	04 02	27 06	29 19
Jacobabad ...	08 25	10 19	14 09	25 04	22 05	...
Jessore ...	34 15	34 12	32 04	30 06	32 18	31 23
Jhelum ...	31 08	31 07	27 07	27 10	19 03	16 10
Jiwani ...	08 10	09 03	09 02	03 09	02 09	29 14
Karachi ...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...
Lahore ...	29 07	29 08	30 08	30 08	26 04	24 11
Multan ...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	34 03	24 03	31 05	13 04	36 06
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	08 11	08 07	09 07	15 07	24 07	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	34 06	24 02	xx xx	34 06	33 07	30 35	29 35	28 34	—	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	06 11	06 11	05 12	36 08	36 03	24 13	24 24	24 24	26 31	26 30	...
Chittagong ...	36 10	02 09	35 07	23 03	34 06	29 17	28 21	27 28	27 51	...	...
Cox's Bazar ...	35 15	35 15	33 11	21 11	36 05	31 14	26 28	27 33	27 44	...	...
Dacca ...	34 09	34 06	23 05	26 06	30 12	09 26	27 34	27 51	36 53	26 79	25 78
Dalbandin ...	...	...	08 07	21 05	28 07	34 07	28 18	29 23	29 36	30 39	29 51
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 06	36 05	...	...	...	...	...
Fort Sandeman ...	...	...	...	26 02	29 04	31 19	29 15	30 17	28 38	...	...
Jacobabad ...	10 05	34 05	16 04	10 06	27 06	34 09	30 11	27 37	27 38	...	...
Jessore ...	35 03	34 05	32 07	31 09	31 15	30 19	...	...	...	...	...
Jhelum ...	31 03	32 06	32 06	24 05	17 07	24 09	24 11	23 19	24 34	...	...
Jiwani ...	05 04	05 07	05 07	03 08	35 04	33 10	32 13	32 22	32 09	...	...
Karachi ...	06 11	05 10	14 10	02 11	28 03	24 10	22 14	25 27	27 29	28 35	...
Khanpur ...	14 04	11 06	11 05	06 03	01 05	21 14	27 15	26 31	26 42	...	...
Lahore ...	33 04	30 08	31 10	30 06	31 04	22 07	24 12	24 12	24 25	...	...
Multan ...	20 06	18 05	17 04	28 04	27 10	—	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	25 08	23 03	33 07	30 15	31 23	28 29	25 32	29 30
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	25 01	34 14	33 17	31 21	30 47	28 59	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 03	14 10	05 12	35 07	20 09	28 14	27 41	27 46	27 51	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 04	35 02	32 06	30 12	29 17	28 21	27 25	26 43	27 43	26 58	25 80	24 96	25 70	...	...	...	...	...
Karachi ...	05 14	06 15	07 11	07 06	28 09	24 15	24 21	25 25	26 37	26 54	27 78			...	...	...	...	...
Peshawar ...	..	26 05	12 07	28 09	31 09	30 09	31 11	31 11	31 15	32 29	33 27	31 34	30 43	...		...	...	...
Quetta ...																		

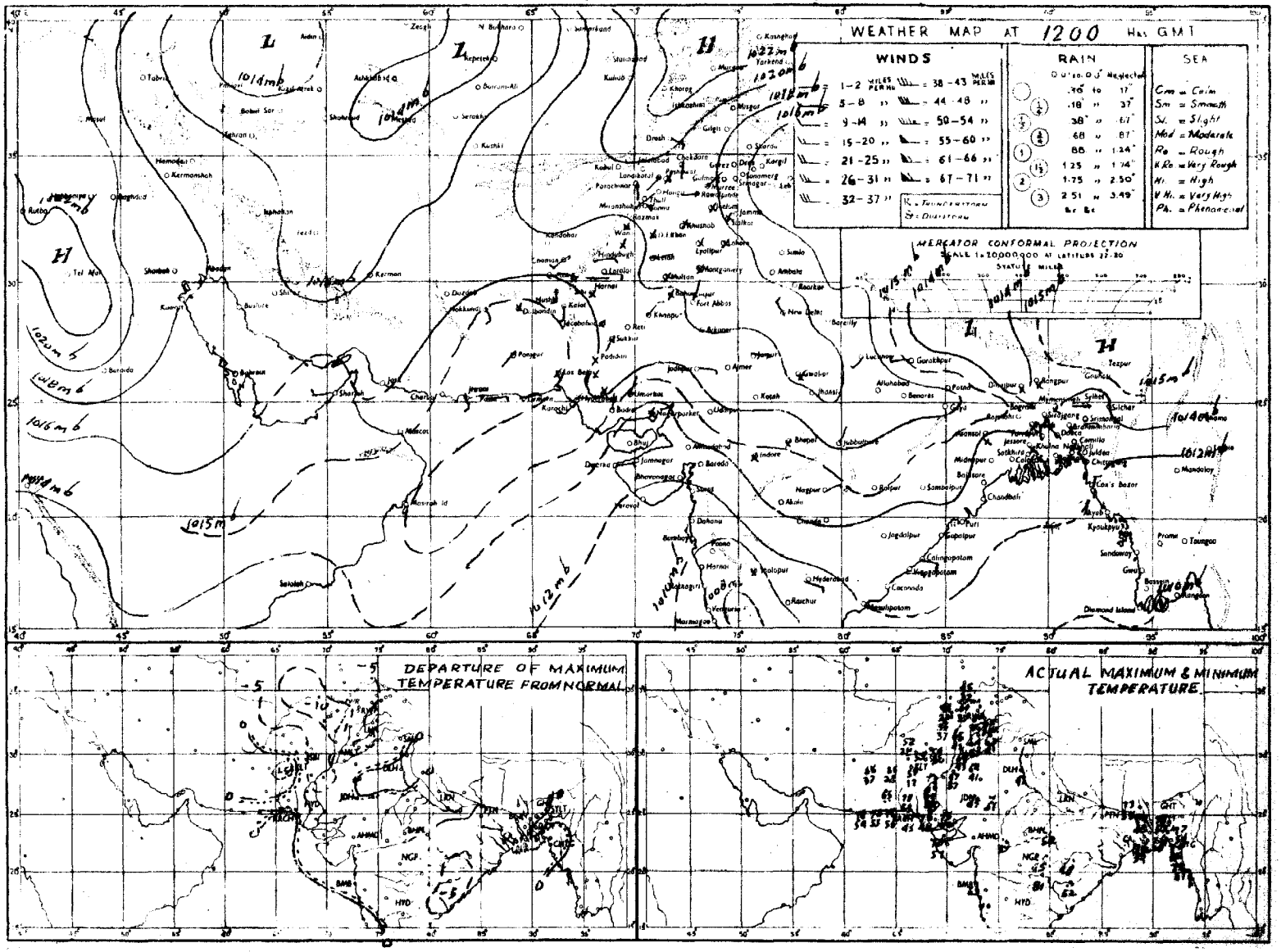
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI.

PAKISTAN DAILY WEATHER MAP

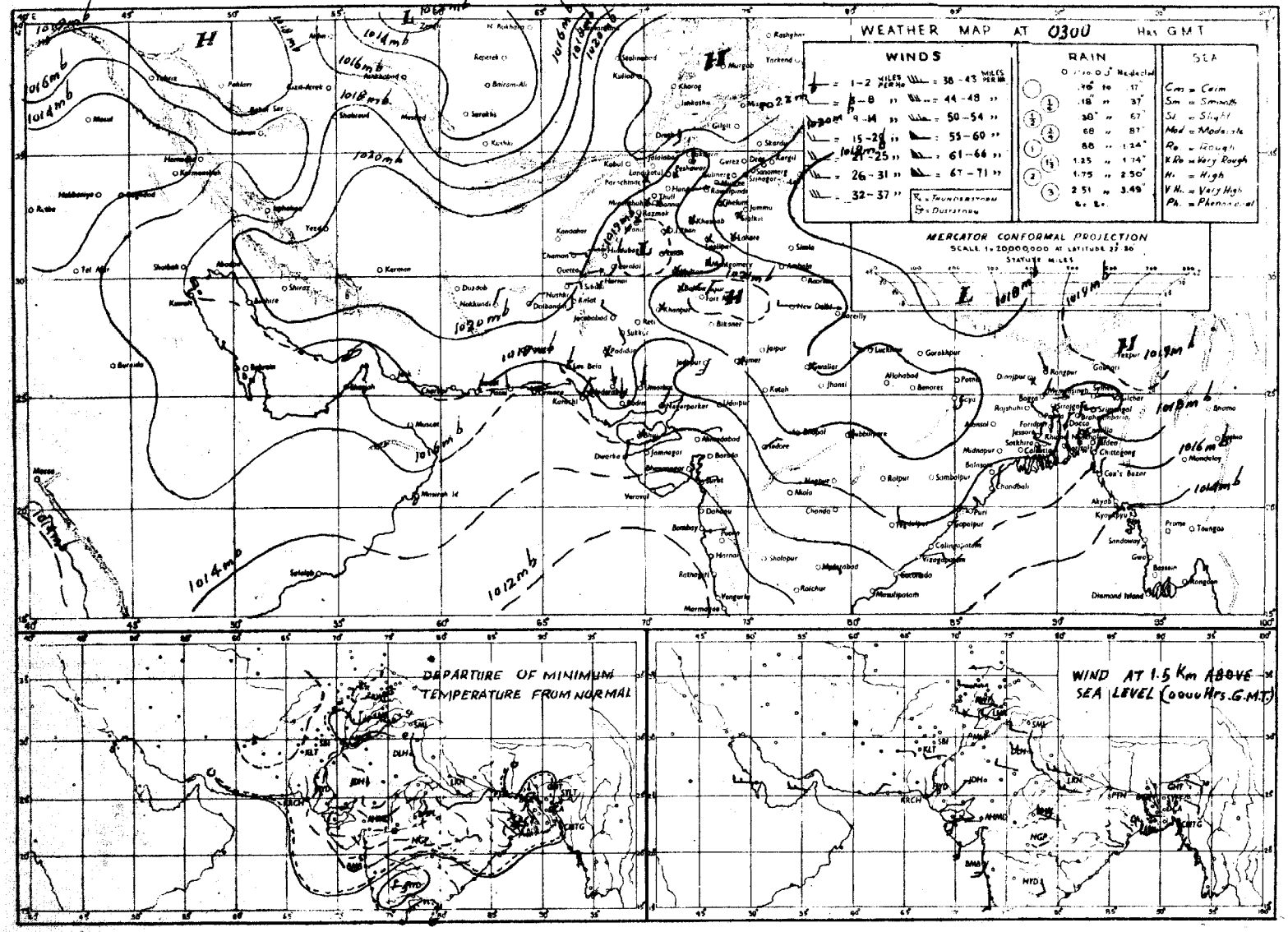
TUESDAY 19th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 20th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

THURSDAY THE 21st DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The westerly low pressure wave over D. I. Khan division moved away.
Yestereday's western disturbance now lies north of Afghanistan.
Weather remained dry over the country.
Night temperatures were 4-6°F below normal in East Pakistan and in Rawalpindi, Sargodha Peshawar, Hyderabad and adjoining Karachi division.
Forecast valid until the evening of 22nd December, 1961:—Weather will remain dry over the country.

Karachi-11
The 21st December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	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	9	36	02	xx	00	0	141	69	9	x	0	x	x	55	77
	Cox's Bazar	000	0	00	36	13	xx	02	0	125	69	0	0	9	0	0	60	76
	Chittagong	000	0	9	31	02	xx	00	0	131	67	0	0	9	0	0	53	76
	Maliden Court ...	000	9	0	27	05	xx	10	0	135	67	0	0	9	0	0	53	74
	Comilla ...	000	0	0	00	00	96	02	0	119	68	0	0	9	0	0	54	74
	Brahmanbaria ...	000	0	0	00	00	xx	00	0	138	66	0	0	9	0	0	53	72
	Sylhet ...	000	0	1	27	02	xx	03	0	134	65	1	1	6	0	0	53	77
	Srimangal ...	000	0	0	00	00	xx	00	0	xxx	57	0	0	9	0	0	53	77
Dacca	Mymensingh ...	000	0	0	27	02	xx	00	0	140	67	0	0	9	0	0	57	75
	Narayangani ...	000	9	1	00	00	xx	10	0	143	65	0	0	1	0	0	52	77
	Dacca (Tejgaon) ...	000	9	0	31	09	97	02	0	140	61	0	0	9	0	0	51	73
	Faridpur ...	000	0	0	34	02	95	05	0	136	65	0	0	9	0	0	43	74
Khulna	Barisal ...	000	0	0	36	01	94	02	1	139	68	0	0	9	0	0	62	71
	Khulna ...	000	0	0	00	00	xx	00	0	145	64	0	0	9	0	0	56	71
	Satkhira ...	000	0	0	00	00	97	00	0	130	64	0	0	9	0	0	51	71
	Jessore ...	000	0	3	06	02	97	00	0	148	67	0	0	9	9	0	55	72
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	0	157	60	0	0	9	0	0	55	76
	Sirajganj ...	000	0	0	00	00	xx	00	0	153	61	0	0	9	0	0	54	72
	Bogra ...	000	0	0	31	02	xx	04	0	154	61	0	0	9	0	0	55	67
	Dinajpur ...	000	8	0	00	00	xx	00	0	159	62	0	0	9	0	0	53	70
	Rangpur ...	000	8	0	27	02	xx	01	4	160	61	0	0	9	0	0	56	68
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	6	1	00	00	96	01	2	172	59	0	0	9	0	0	47	63
	Sialkot ...	000	6	0	00	00	97	00	0	168	57	0	0	9	0	0	49	61
Rawalpindi	Jhelum ...	000	0	2	00	00	97	02	0	165	61	1	1	7	0	1	42	65
	Rawalpindi ...	000	0	1	27	02	98	00	0	175	55	0	0	9	0	4	37	61
	Campbellpur ...	000	0	0	31	00	98	00	0	162	61	0	0	9	0	0	37	62
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	175	63	0	0	9	0	0	43	xx
	Lyallpur ...	000	0	6	00	00	96	02	0	181	62	6	7	8	0	0	44	63
Multan-Lahore	Montgomery ...	000	0	0	36	02	96	02	0	172	62		0	9	0	0	41	67
	Multan ...	000	0	2	00	00	98	01	0	170	61	0	0	9	0	1	47	63
	Leiah ...	000	0	0	23	01	97	00	0	170	63	0	0	9	0	0	47	68
Bahawalpur-Khairpur	Khanpur ...	000	0	0	00	00	96	02	0	164	64	0	0	9	0	0	38	69
	Bahawalpur ...	000	0	0	00	00	98	00	0	179	63	0	0	9	0	0	50	78
	Fort Abbas ...	000	0	0	36	02	98	00	0	174	60	0	0	9	0	0	47	61
Peshawar-Kohat	Chakdara ...	000	0	0	13	00	97	00	0	153	54	0	1	6	9	0	52	55
	Peshawar ...	000	0	3	00	00	96	04	0	177	57	0	0	9	0	2	40	62
	Haripur ...	000	0	0	16	02	97	00	0	175	53	0	0	9	0	0	42	61
D. I. Khan	Bannu ...	000	0	3	18	02	99	03	1	170	58	0	0	9	0	4	41	59
	D. I. Khan ...	000	0	0	00	00	98	00	0	168	62	0	0	9	0	0	47	66
Quetta	Sibi ...	000	0	0	00	00	98	00	0	164	68	0	0	9	0	0	41	69
Kalat	Nokkundi ...	000	0	0	16	03	98	02	0	132	66	0	0	9	0	0	31	67
	Turbat ...	000	0	9	29	01	98	00	0	146	75	0	0	9	0	0	41	79
	Jiwani ...	000	0	0	16	07	97	02	0	144	73	0	0	9	0	0	44	76
	Pasni ...	000	8	2	11	05	98	01	1	143	73	6	0	9	3	0	61	76
Karachi Division	Ormara ...	000	0	1	18	03	96	02	1	135	73	1	1	6	0	0	xx	75
	Lasbela ...	000	0	0	00	xx	98	00	0	157	77	0	0	9	0	0	61	79
	Karachi (Manora) ...	000	0	0	05	12	98	02	0	145	72	0	0	9	0	0	49	79
	Karachi (Airport) ...	000	0	0	05	07	96	02	0	143	72	0	0	9	0	0	26	74
Hyderabad	Nagarparkar ...	000	0	0	13	07	97	00	0	126	71	0	0	9	0	0	49	74
	Umerkot ...	000	0	0	02	03	98	02	0	134	71	0	0	9	0	0	39	73
	Hyderabad ...	000	0	0	00	00	97	02	0	156	69	0	0	9	0	0	52	72
	Badin ...	000	0	0	36	05	97	00	0	145	72	0	0	9	0	0	47	75
Khairpur	Padidan ...	000	0	0	05	02	97	02	0	159	63	0	0	9	0	0	41	72
	Nawabshah ...	000	0	0	36	05	97	02	0	159	67	0	0	9	0	0	35	71
	Sukkur ...	000	0	0	18	02	97	02	0	151	72	0	0	9	0	0	44	74
	Kashmore ...	000	0	0	00	00	99	00	0	136	66	0	0	9	0	0	51	73
	Jacobabad ...	000	0	1	13	02	97	02	0	163	68	0	0	9	0	0	34	72
Junagadh	Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...	000	0	4	32	03	98	03	1	505	38	1	1	7	0	1	53	xx
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu ** ...																	
	Misgar ** ...	000	9	8	27	02	95	04	0	549	18	4	6	8	2	0	13	19
	Aliabad ** ...																	
	Gilgit ** ...	000	9	8	00	00	57	03	1	528	37	8	7	7	x	x	26	42
Rawalpindi	Murree * ...	000	9	2	11	02	98	01	1	501	33	0	0	9	8	0	25	39
Peshawar	Drosh * ...	000	0	3	00	00	96	01	2	501	43	3	1	7	0	0	16	49
	Chitral * ...	000	0	0	34	03	98	00	0	501	46	0	0	9	0	0	34	51
	Kakul * ...	000	0	1	18	05	97	01	0	503	46	0	0	9	2	2	36	52
	Landikotal * ...	000	0	1	23	02	99	03	0	491	52	0	0	9	0	0	21	54
	Parachinar * ...	000	0	2	13	06	99	00	0	504	46	2	6	9	0	0	44	46
D. I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	486	53	0	0	9	0	0	25	56
	Wana * ...	000	0	0	00	00	99	00	0	505	45	0	0	9	0	0	30	52
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	499	53	0	0	9	0	0	17	55
	Hindubagh * ...	000	0	0	23	05	97	00	0	470	51	0	0	9	0	0	12	52
	Loralai * ...	000	0	0	00	00	99	00	1	370	49	1	0	9	2	0	29	53
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	0	31	02	96	00	0	482	52	0	0	9	0	0	23	55
	Chaman * ...	000	0	0	27	05	98	00	0	489	57	0	0	9	0	0	12	59
	Nushki * ...	000	0	0	27	05	98	02	0	535	61	0	0	9	0	0	34	64
	Dalbandin * ...	000	5	0	13	03	96	02	0	508	66	0	0	9	0	0	23	67
Kalat	Kalat * ...	000	0	0	33	02	98	00	0	474	46	0	0	9	0	0	30	52
	Panjgur * ...	000	0	0	00	00	98	02	0	496	63	0	0	9	0	0	39	64
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

At 0300 Hrs. G.M.T. of date

STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F
	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Ranganiati	000	4	0	36	05	96	00	4	176	60	0	0	9	0	0	56	57
Cox's Bazar	000	0	0	36	03	97	02	0	152	65	0	0	9	0	0	54	57
Chittagong	000	1	1	05	02	97	03	0	164	61	0	0	9	0	2	53	54
Maliden Court ...	000	9	0	36	02	98	00	4	169	58	0	0	9	0	0	54	52
Comilla ...	000	0	0	36	05	97	02	0	158	58	0	0	9	0	0	54	51
Brahmanbaria ...	000	0	0	36	02	97	00	0	156	60	1	1	6	0	0	58	52
Sylhet ...	000	0	1	00	00	97	03	0	166	64	1	1	6	0	0	53	50
Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh ...	000	0	0	27	02	97	00	0	176	58	0	0	9	0	0	54	52
Narayangani ...	000	9	0	27	02	97	45	4	172	55	0	0	9	0	0	53	52
Dacca (Tejgaon) ...	000	9	7	31	05	95	05	4	171	54	7	7	3	0	0	54	51
Faridpur ...	000	0	2	34	03	94	05	0	162	58	2	4	8	0	0	54	49
Barisal ...	000	9	0	05	02	96	02	4	174	64	0	0	9	0	0	54	51
Khulna ...	000	0	0	36	05	95	00	0	175	58	0	0	9	0	0	53	49
Satkhira ...	000	0	0	36	03	97	00	0	183	59	0	0	9	0	0	53	49
Jessore ...	000	0	0	36	05	97	00	0	170	58	0	0	9	0	0	52	48
Pabna ...	000	0	0	31	05	96	02	0	180	66	0	0	9	0	0	53	49
Sirajganj ...	000	0	0	00	00	96	00	0	177	57	0	0	9	0	0	53	50
Bogra ...	000	0	0	31	03	96	02	0	177	59	0	0	9	0	0	53	51
Dinajpur ...	000	0	8	00	00	97	28	4	189	52	6	0	0	0	0	49	47
Rangpur ...	000	0	0	29	02	96	01	0	182	57	0	0	9	0	0	53	48
Jammu ...																	
Lahore (Jail Rd.) ...	000	0	4	00	00	95	10	0	212	40	3	0	9	7	1	39	39
Sialkot ...	000	0	0	00	00	96	10	4	215	45	0	0	9	0	0	44	38
Jhelum ...	000	0	1	00	00	98	10	0	221	37	0	0	9	0	6	36	36
Rawalpindi ...	000	0	0	31	02	98	10	0	221	37	0	0	9	0	0	36	35
Campbellpur ...	000	0	0	05	02	97	00	0	220	38	0	0	9	0	0	18	xx
Khushab ...	000	0	0	00	00	96	00	0	209	39	0	0	9	7	0	37	38
Lyallpur ...	000	0	0	00	00	96	30	0	207	41	0	0	9	0	0	41	40
Montgomery ...	000	0	0	36	02	96	42	0	213	43	0	0	9	0	0	42	39
Multan ...	000	0	0	00	00	95	05	0	215	44	0	0	9	0	0	42	41
Leiah ...	000	0	0	18	02	93	00	4	193	49	0	0	9	0	0	42	36
Khanpur ...	000	0	0	00	00	96	00	0	210	41	0	0	9	0	0	36	37
Bahawalpur ...	000	0	0	00	00	98	00	0	213	63	0	0	9	0	0	49	xx
Fort Abbas ...	000	0	0	00	00	98	00	0	226	40	0	0	9	0	0	09	40
Chakdara ...	000	0	0	13	02	97	00	0	205	40	0	0	9	0	0	33	35
Peshawar ...	000	0	2	05	00	96	04	0	261	37	0	0	9	0	1	32	35
Haripur ...	000	2	2	20	03	97	01	0	212	38	2	0	9	0	8	33	36
Bannu ...	000	2	3	00	00	99	00	1	209	40	0	0	9	0	3	41	40
D. I. Khan ...	000	2	3	00	00	98	01	1	209	43	0	0	9	0	3	41	40
Sibi ...	000	0	0	00	00	98	00	0	212	41	0	0	9	0	0	36	40
Nokkundi ...	000	0	0	09	03	98	02	1	198	45	0	0	9	0	0	23	40
Turbat ...	000	0	0	09	09	98	00	0	169	59	0	0	9	0	0	45	xx
Jiwani ...	000	2	2	02	07	97	01	0	193	63	2	1	6	0	0	49	60
Pasni ...	000	3	2	07	05	97	02	0	174	65	0	0	9	2	0	60	58
Ormara ...	000	0	0	00	00	96	00	0	172	59	0	0	9	0	0	57	56
Lasbela ...	000	0	0	00	00	98	00	0	199	55	0	0	9	0	0	30	53
Karachi (Manora) ...	000	0	0	02	10	96	02	0	188	58	0	0	9	0	0	38	54
Karachi (Airport) ...	000	0	0	02	05	96	02	0	195	53	0	0	9	0	0	34	45
Nagarparkar ...	000	0	0	02	01	97	00	0	179	56	0	0	9	0	0	44	—
Umerkot ...	000	0	0	02	02	97	02	0	179	44	0	0	9	0	0	31	39
Hyderabad ...	000	0	0	36	03	97	02	0	194	49	0	0	9	0	0	37	41
Badin ...	000	0	0	36	02	97	00	0	178	48	0	0	9	0	0	41	45
Padidan ...	000	0	0	34	03	96	02	0	206	42	0	0	9	0	0	38	39
Nawabshah ...	000	0	0	00	00	97	02	0	203	42	0	0	9	0	0	35	41
Sukkur ...	000	0	0	00	00	96	02	0	205	50	0	0	9	0	0	39	46
Kashmore ...	000	0	0	00	00	99	00	0	144	50	0	0	9	0	0	43	34
Jacobabad ...	000	0	2	09	02	97	03	0	210	46	0	0	9	0	2	40	42
Veraval ...	000	0	0	36	02	96	05	0	191	58	0	0	9	0	0	11	49

Departure from Normal of

STATIONS	Maximum Temperature TxTx	Minimum Temperature TnTn
	37	38
Rangamati	—	—
Cox's Bazar	— 3	— 0
Chittagong	— 2	— 2
Maliden Court ...	— 4	— 6
Comilla ...	— 4	— 2
Brahmanbaria ...	—	—
Sylhet ...	—	—
Srimangal ...	— 4	—
Mymensingh ...	— 1	— 2
Narayangani ...	— 0	— 4
Dacca (Tejgaon) ...	—	—
Faridpur ...	— 1	— 2
Barisal ...	— 6	— 4
Khulna ...	— 7	— 2
Satkhira ...	—	— 2
Jessore ...	—	— 5
Pabna ...	— 4	— 3
Sirajganj ...	— 9	— 2
Bogra ...	— 6	— 2
Dinajpur ...	— 10	— 2
Rangpur ...	—	— 3
Jammu ...		
Lahore (Jail Rd.) ...	— 9	— 0
Sialkot ...	— 7	— 3
Jhelum ...	— 5	— 2
Rawalpindi ...		
Campbellpur ...		
Khushab ...	—	— 3
Lyallpur ...	— 6	— 0
Montgomery ...	— 4	— 2
Multan ...	— 7	— 0
Leiah ...	—	— 2
Khanpur ...	— 6	— 6
Bahawalpur ...	+ 5	—
Fort Abbas ...		
Chakdara ...		
Peshawar ...	— 4	— 4
Haripur ...		
Bannu ...	— 5	+ 1
D. I. Khan ...		
Sibi ...		
Nokkundi ...		
Turbat ...		
Jiwani ...		
Pasni ...	— 1	+ 5
Ormara ...		
Lasbela ...		
Karachi (Manora) ...	+ 2	— 4
Karachi (Airport) ...		
Nagarparkar ...		
Umerkot ...		
Hyderabad ...	— 5	— 3
Badin ...	— 5	— 5
Padidan ...		
Nawabshah ...		
Sukkur ...		
Kashmore ...		
Jacobabad ...	— 2	— 1
Veraval ...		

Rainfall

STATIONS	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
	39	40	41	42
Rangamati	0.1	—	155.5	—
Cox's Bazar	0.9	— 3.1	156.7	160
Chittagong	0.1	— 2.7	170.7	108
Maliden Court ...	0	— 1.8	122.6	115
Comilla ...	0	— 1.6	76.9	94
Brahmanbaria ...	1.3	0	65.4	78
Sylhet ...	0.1	—	—	—
Srimangal ...	...	...	...	98
Mymensingh ...	0.3	— 0.7	62.1	91
Narayangani ...	0.4	— 0.8	73.0	74
Dacca (Tejgaon) ...	0	—	81.2	—
Faridpur ...	0	— 1.2	87.9	71
Barisal ...	0	— 1.8	65.4	81
Khulna ...	0	— 1.3	57.3	68
Satkhira ...	0	— 1.9	54.3	65
Jessore ...	0	— 1.1	59.0	65
Pabna ...	0.1	—	50.5	59
Sirajganj ...	0.7	— 0.1	50.0	64
Bogra ...	0.3	— 0.6	53.6	69
Dinajpur ...	0.1	— 0.3	51.9	73
Rangpur ...	0.2	— 0.3	60.4	84
Jammu ...				—
Lahore (Jail Rd.) ...	0.3	— 0.1	51.4	19
Sialkot ...	2.9	+ 2.4	57.9	32
Jhelum ...	1.1	—	35.9	—
Rawalpindi ...	2.2	+ 1.3	54.4	36
Campbellpur ...	0.8	—	17.6	—
Khushab ...	0	— 0.3	11.2	43
Lyallpur ...	0.1	— 0.1	14.0	12
Montgomery ...	0.1	— 0.2	10.3	10
Multan ...	0	— 0.2	7.5	7
Leiah ...	0	—	10.2	8
Khanpur ...	0	— 0.2	12.6	6
Bahawalpur ...	0	— 0.2	4.9	6
Fort Abbas ...	0	—	3.1	8
Chakdara ...	2.4	—	27.8	—
Peshawar ...	1.4	+ 0.7	19.2	11
Haripur ...	2.1	—	3.1	—
Bannu ...	0.5	—	14.4	11
D. I. Khan ...	0	— 0.3	7.7	9
Sibi ...	0	—	5.6	5
Nokkundi ...	0	—	1.0	3
Turbat ...	1.0	—	12.3	7
Jiwani ...	0	—	2.8	5
Pasni ...	0	— 0.9	5.4	6
Ormara ...	0	— 0.2	9.9	6
Lasbela ...	0	—	0	8
Karachi (Manora) ...	0	— 0.2	9.9	8
Karachi (Airport) ...	0.1	—	24.7	—
Nagarparkar ...	0	—	27.3	—
Umerkot ...	0	—	18.1	—
Hyderabad ...	0	— 0.1	12.9	9
Badin ...	0	— 0.2	14.8	9
Padidan ...	0	—	11.1	—
Nawabshah ...	0	—	9.3	—
Sukkur ...	0	—	2.2	4
Kashmore ...	0	—	1.8	—
Jacobabad ...	0.2	0	8.3	4
Veraval ...	—	—	—	20

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 21st DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	OT,T,T$_d$T$_d$	Id$_w$d$_w$ P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Neptune	43 009	629 00	8 04 15	97 0 23	086 76	86 4 00	26 6 16	...	05 8 74	10 4 65
Celtex Rindhoure	43 196	584 06	7 09 07	98 0 32	198 76	22 5 30	56 2 16	...	05 4 59	10 9 21
Celtex Madrid	43 247	570 06	9 33 03	98 0 11	177 74	31 5 00	76 2 25	...	05 2 52	13 2 70
Alfred Fraissenet	43 221	600 06	2 20 02	99 0 36	170 76	11 6 00	96 1 13	...	05 2 56	12 0 23
Action	43 222	611 42	1 02 05	98 0 28	145 74	10 6 72	...	...	05 2 54	10 2 23
Alfred Fraissenet	43 208	592 12	0 14 01	99 0 20	154 74	00 9 00	36 7 40	...	05 3 56	11 6 23
Chanmaelay	43 210	594 12	8 02 18	97 1 52	091 79	97 4 9x	65 6 16	...	00 0 72	10 2 22
Atys	43 115	736 42	6 01 02	98 0 31	096 82	42 4 04	...	...	05 2 72	10 1 11
Alfred Fraissenet	43 193	583 18	0 09 05	99 0 20	110 76	00 9 00	36 2 20	...	05 5 58	20 9 20
Celtex sndbarns	43 173	560 18	2 09 08	98 0 20	172 76	10 9 01	56 1 10	...	05 3 59	10 9 21
Bamora	43 243	670 18	0 06 09	98 0 20	170 69	00 0 00	45 1 10	...	05 1 43	10 6 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	00 00	014 122 108	128 132 128	...	145 065 998	...	306 032 998	429 522 995	572 592 995	743 665 995	955 765	...	...	...
Jiwani ...	00 00	909 152 132	132 198 142	...	145 095 035	...	308 015 995	431 555 998	571 658 992	735 768 995	938 880	205 165	385 145	627 228
Karachi ...	00 00	014 112 052	133 148 062	...	148 083 502	...	307 020 990	430 662 998	570 668 995	734 785 998	935 892	...	...	...
Lahore ...	00 00	993 102 042	...	...	148 048 512	...	306 532 562	427 592 682	566 672 998	729 780 990	...	...	...	...
Multan ...											...	...	...	...
Peshawar ...	00 00	977 055 545	...	...	150 068 509	...	307 522 642	429 602 725	565 705 995	727 815 995	924 950	...	...	...
Quetta ...	00 00	833 518 545	...	...	...	...	306 640 990	421 705 995	554 795 995	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	963 025 205	723 352 872	...	...	...	...	...	...	...	723 352 872	...	...
Jiwani ...	00 00	900 115 085	800 052 502	...	...	...	...	...	...	...	800 052 502	...	...
Karachi ...	00 00	900 098 012	...	...	...	...	...	...	...	...	...	900 098 012	...
Lahore ...	00 00	900 072 008	800 022 512	...	...	...	...	...	...	...	800 022 512	...	...
Multan ...													
Peshawar ...	00 00	940 095 022	900 092 028	800 032 565	...	...	...	...	...	...	800 032 565	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	554 795 996	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of°C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	31 13	33 13	03 13	06 14	29 07	...	...	...	...	08 21	02 18	03 10	07 06	32 11	30 18	36 17	01 13	01 15	35 08	33 06	29 25	28 31	28 60	26 64	...
Chaklala ...	...	27 03	27 03	09 04	10 01	24 10	30 16	29 31	26 42	...	07 03	27 01	10 02	11 04	10 06	...	23 03	22 01	33 01	11 04	14 07	31 12	28 14	27 22	28 15	...
Chhor ...	04 12	04 09	04 07	23 07	24 10	27 16	26 21	27 26	27 45	05 17	04 20	03 19	02 12	36 04	29 08	04 15	04 17	04 17	04 15	05 05	31 07	33 17	36 39	28 35	30 47	...
Chittagong ...	34 13	36 15	36 12	09 03	32 07	...	...	...	...	36 13	36 09	18 06	29 08	27 11	28 16	35 06	03 01	17 10	25 07	29 09	28 15	25 34	25 50	24 58	...	...
Cox's Bazar ...	35 19	36 13	03 11	08 04	...	...	...	...	...	36 19	01 07	10 03	31 07	29 07	29 10	36 08	09 01	16 01	29 05	29 08	28 12	25 34	24 40	24 51	...	...
Dacca ...	33 09	35 09	35 07	32 07	30 11	30 26	28 30	27 41	27 49	34 11	33 10	...	...	...	...	35 05	03 05	03 06	01 06	30 15	28 21	27 29	26 45	26 60	25 82	...
Dalbandin ...	...	...	00 00	23 04	23 02	27 04	29 26	29 33	29 40	...	...	11 05	23 05	28 06	23 10	...	...	15 03	20 06	20 07	27 06	30 22	28 37	24 41	29 51	30 88
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	08 03	20 03	34 02	26 05	26 06	...	...	...	23 03	20 02	25 04	...	...	...	...	03 05	36 13	17 03	19 07	24 12	28 17	25 41
Fort Sandeman ...	...	...	...	05 02	36 03	30 17	28 19	28 27	27 29	...	...	...	17 02	29 07	33 15	...	...	...	21 03	22 12	29 15	31 18	29 31	...	...	...
Jacobabad ...	11 02	36 01	27 01	01 06	01 05	30 15	29 12	29 26	28 27	10 13	11 04	14 03	31 03	30 07	32 11	14 06	36 03	30 02	02 04	34 04	32 09	30 26	29 29	29 28	30 40	...
Jessore ...	34 14	35 15	36 12	33 16	32 23	...	...	...	...	36 24	01 17	36 15	35 09	32 17	27 23	01 07	36 12	01 14	34 12	33 21	31 25	28 25	27 29	...	...	...
Jhelum ...	26 01	29 03	29 05	36 04	28 04	23 11	29 15	27 29	26 40	33 04	32 09	31 07	05 02	04 01	36 03	32 02	34 05	33 03	11 02	09 02	36 02	29 10	27 15	30 12	27 21	27 35
Jiwani ...	15 06	12 08	10 04	36 07	34 09	32 18	31 24	30 31	29 33	31 05	10 01	15 03	10 00	07 05	32 17	04 06	12 07	13 08	16 06	11 03	32 10	30 25	30 37	30 39	31 38	31 90
Karachi ...	06 10	06 08	03 09	04 17	28 06	26 13	29 21	29 26	29 32	0x 12	04 15	04 19	04 22	09 18	33 08	31 25	32 32	30 29	31 39	...	...	...	...	...	...	...
Khanpur ...	10 02	01 03	35 10	34 09	31 07	27 22	28 32	27 29	28 35	10 16	12 19	10 17	07 13	05 11	36 17	06 04	06 06	06 07	03 08	04 07	02 11	33 15	29 28	30 35	...	...
Lahore ...	14 06	32 06	32 10	31 10	30 09	32 06	26 12	27 17	27 19	28 05	31 05	31 12	34 06	34 07	32 04	34 01	33 03	32 05	32 09	34 08	31 06	29 14	28 26	26 27	27 33	...
Multan ...	14 04	13 05	13 04	07 04	33 10	31 12	27 19	27 28	28 36	16 01	18 01	05 02	36 07	35 07	33 17	20 02	17 03	09 02	33 05	34 10	34 14	29 26	29 29	29 31	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	25 02	30 04	34 15	30 26	25 26	29 41	...	...	...	25 09	34 04	33 11	...	...	...	24 10	21 08	30 05	30 29	31 36	31 41	31 70	31 17
Peshawar ...	...	06 04	09 03	13 03	27 04	34 09	34 16	32 23	30 26	30 01	01 02	35 05	01 07	34 10	...	...	01 01	34 03	30 04	34 05	30 06	30 19	26 19	27 22	28 53	29 38
Quetta ...	...	...	...	...	33 04	30 12	28 26	28 26	28 27	No	Ascent	...	...	...	...	...	...	...	18 05	34 03	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 07	23 06	24 06	31 05	06 12	23 06	...	...	...	05 08	06 05	07 05	12 09	15 05	...	11 03	12 05	17 07	06 12	34 04	28 22	27 38	26 39	26 42	26 67	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	33 07	02 03	05 03	01 06	33 12	27 24	27 27	26 35	26 46	25 47	25 63	75 05	...	...	...	...	...	...
Karachi ...	05 24	05 25	03 21	03 17	03 15	35 14	31 19	28 29	29 35	23 35	... 43	31 46	31 74	...	...	...	...	...
Peshawar ...	..	33 08	27 03	15 02	15 02	28 08	29 10	30 19	30 24	31 26								
Quetta ...																		

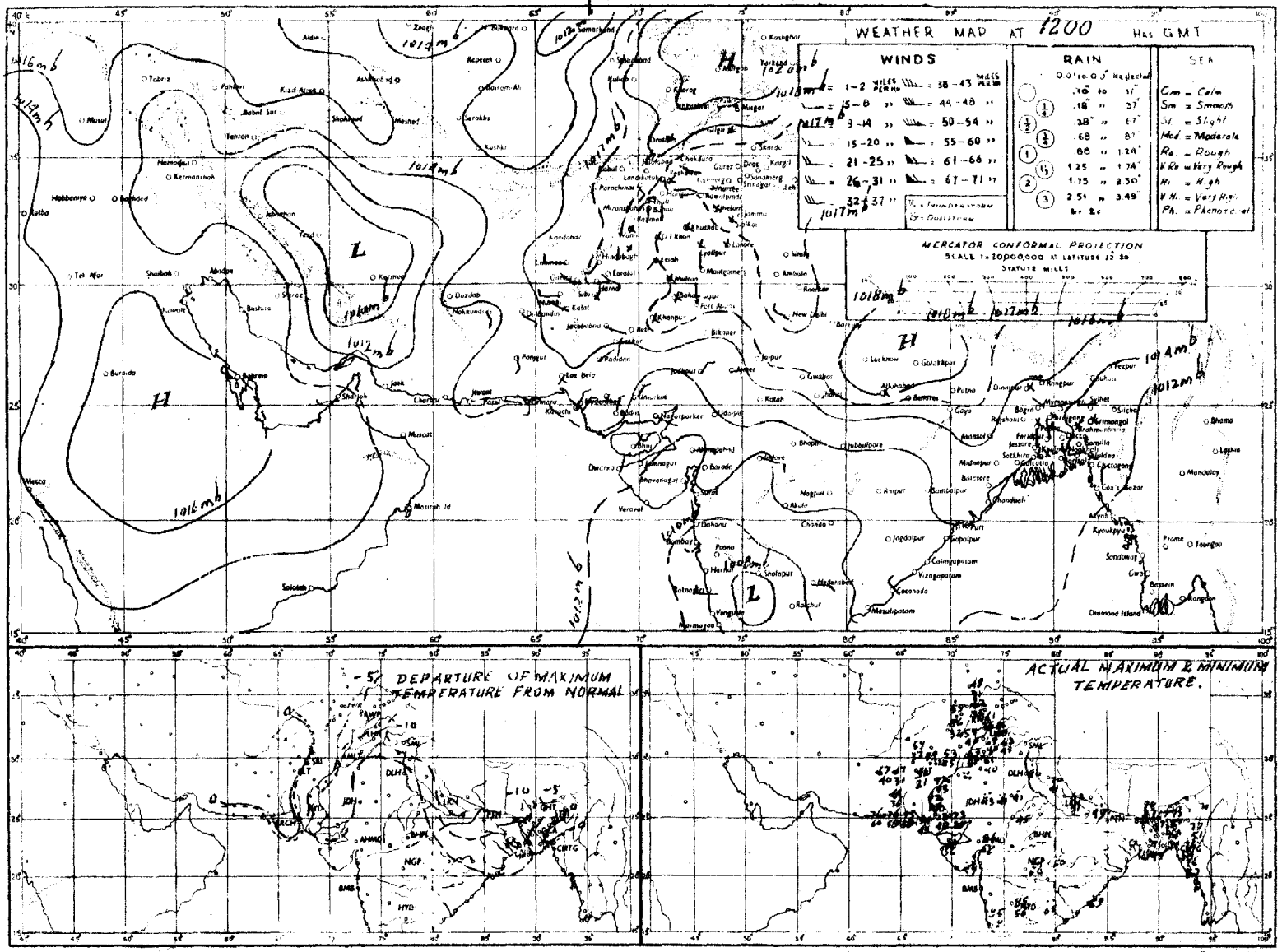
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 20th DECEMBER, 1961.



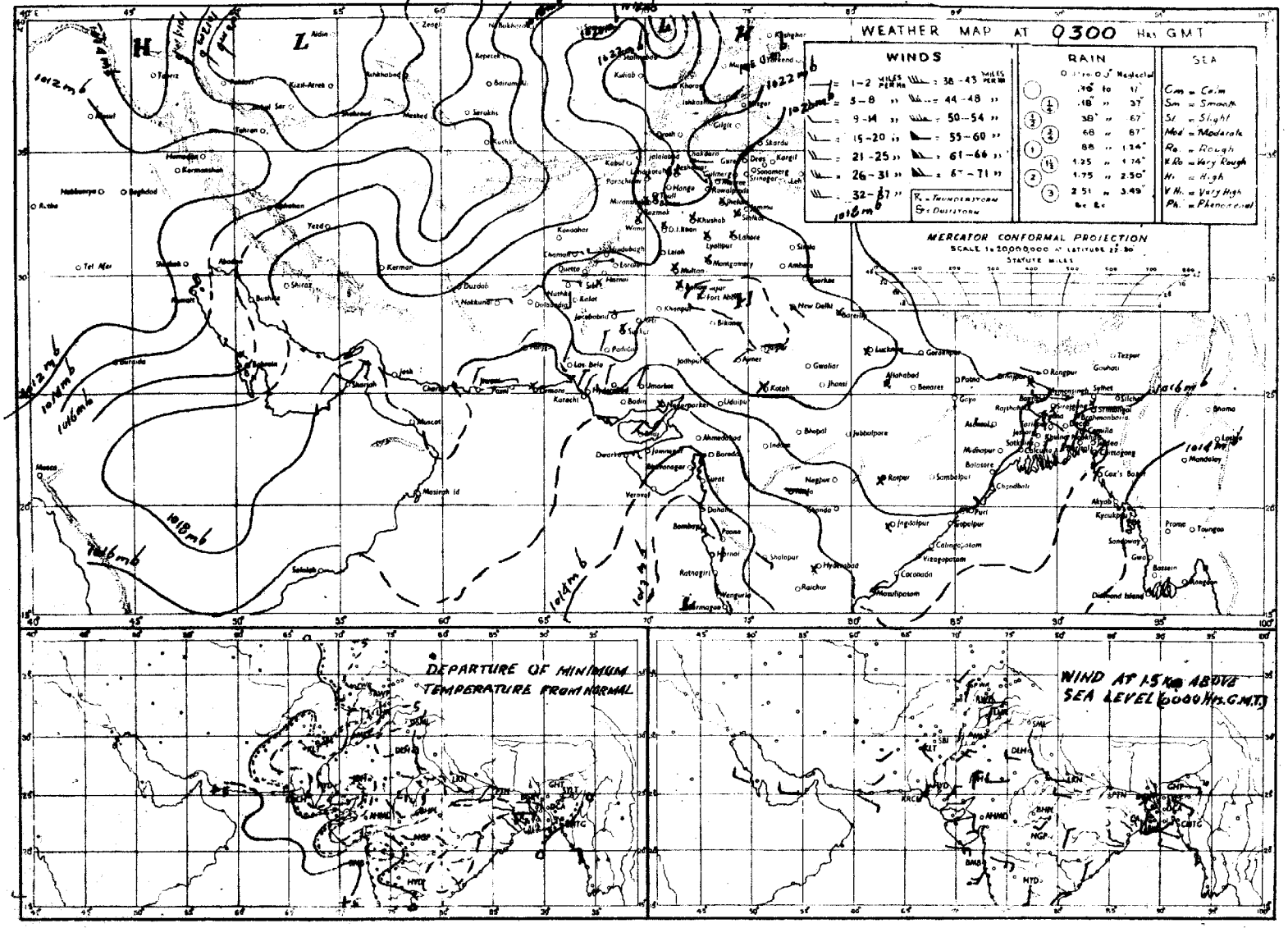
-5° DEPARTURE OF MAXIMUM TEMPERATURE FROM NORMAL

ACTUAL MAXIMUM & MINIMUM TEMPERATURE.

Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 21st DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

PAKISTAN DAILY WEATHER REPORT

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FRIDAY THE 22nd DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

A westerly low pressure is moving across the sub-Himalayan west Bengal.

Yesterday's western disturbance to the north of Afghanistan moved away eastwards.

A fresh western disturbance lies east of Caspian Sea with its associated trough extending to southeast Iran and adjoining areas of west Pakistan.

Another active western disturbance is approaching southeast Iraq.

Weather remained dry over the country.

Night temperatures were 3-6°F below normal in Chittagong, Khulna, Lahore, Rawalpindi, Peshawar, Bahawalpur, Hyderabad and Karachi divisions and 2-5°F above normal in Quetta divisions.

Forecast valid until the evening of 23rd December, 1961:—Rain/thundershowers will be scattered in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions with a few falls of snow in the hills.

Karachi-11
The 22nd December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	27	02	xx	00	0	138	68	9	x	0	x	x	59	75
	Cox's Bazar	000	0	0	36	13	xx	02	0	119	69	0	0	9	0	0	61	75
	Chittagong	000	0	0	31	02	xx	00	0	128	67	0	0	9	0	0	57	75
	Maijdee Court	000	9	0	00	00	xx	10	0	132	65	0	0	9	0	0	56	72
	Comilla	000	0	0	00	00	96	02	0	121	66	0	0	9	0	0	57	75
	Brahmanbaria	000	0	0	00	00	xx	00	0	135	65	0	0	9	0	0	54	74
	Sylhet	000	0	0	27	05	xx	02	0	129	67	0	0	9	0	0	50	76
	Srimangal	000	0	0	00	00	xx	00	0	xxx	57	0	0	9	0	0	53	76
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	141	64	0	0	9	0	0	57	74
	Narayanganj	000	9	0	00	00	xx	05	0	135	67	0	0	9	0	0	55	76
	Decca (Tezgaon)	000	0	0	00	00	97	02	0	132	64	0	0	9	0	0	55	74
	Faridpur	000	0	0	00	00	94	05	0	132	64	0	0	9	0	0	59	70
Khulna	Barisal	000	0	0	00	00	94	02	0	122	68	0	0	9	0	0	56	73
	Khulna	000	0	0	00	00	xx	00	0	135	65	0	0	9	0	0	60	71
	Satkhira	000	0	0	00	00	97	00	0	131	64	0	0	9	0	0	57	73
	Jessore	000	0	0	36	02	97	00	0	143	67	0	0	9	0	0	59	71
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	139	60	0	0	9	0	0	55	75
	Sirajganj	000	0	0	00	00	xx	00	0	141	64	0	0	9	0	0	57	75
	Bogra	000	0	0	31	02	xx	02	0	138	66	0	0	9	0	0	57	73
	Dinajpur	000	0	0	00	00	xx	00	0	145	65	0	0	9	0	0	52	75
	Rangpur	000	0	2	00	00	xx	01	0	143	64	2	0	9	1	0	55	73
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	96	02	1	186	59	0	0	9	0	0	41	63
	Sialkot	000	0	0	00	00	98	00	0	171	59	0	0	9	0	0	49	61
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	177	60	0	0	9	0	0	41	66
	Rawalpindi	000	0	2	27	02	98	02	0	184	54	2	0	9	3	0	39	61
	Campbellpur	000	0	2	05	02	97	01	1	176	58	2	0	9	2	0	41	62
Sargodha	Khushab	000	0	0	00	00	99	00	0	193	65	0	0	9	0	0	52	67
	Lyallpur	000	0	0	00	00	96	00	0	180	62	0	0	9	0	0	44	63
Multan	Montgomery	000	0	0	00	00	96	00	0	184	62	0	0	9	0	0	44	65
	Multan	000	0	0	00	00	98	02	0	197	64	0	0	9	0	0	46	68
	Leiah	000	0	0	23	02	97	00	0	195	62	0	0	9	0	0	xx	69
Bahawalpur	Khanpur	000	0	0	05	03	96	02	0	185	64	0	0	9	0	0	38	68
	Bahawalpur	000	0	0	00	00	99	00	0	190	69	0	0	9	0	0	64	xx
	Fort Abbas	000	0	0	36	02	98	00	0	193	61	0	0	9	0	0	49	63
Peshawar	Chakdara	000	0	0	13	02	97	00	0	163	55	0	0	9	0	0	34	56
	Peshawar	000	8	3	00	00	96	04	4	188	56	0	0	9	0	4	41	62
	Haripur	000	0	0	13	02	97	00	0	188	52	0	0	9	0	0	43	60
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	178	60	0	0	9	0	0	42	62
	D. I. Khan	000	0	0	00	00	98	00	0	186	64	0	0	9	0	0	46	68
Quetta	Sibi	000	0	0	00	00	98	00	0	181	68	0	0	9	0	0	37	69
Kalat	Nokkundi	000	0	0	11	03	98	02	0	113	70	0	0	9	0	0	38	71
	Turbat	000	0	0	23	02	98	00	0	141	77	0	0	9	0	0	45	79
	Jiwani	000	0	5	13	10	97	03	1	156	74	5	5	5	0	0	56	76
	Pasni	000	8	2	16	05	96	02	0	153	75	2	0	9	2	0	58	75
Karachi Division	Ormara	000	0	0	13	02	96	02	0	155	74	0	0	9	0	0	55	76
	Lasbela																	
	Karachi (Manora)	000	0	0	05	12	98	02	0	156	70	0	0	9	0	0	47	78
	Karachi (Airport)	000	0	0	05	09	96	02	0	158	72	0	0	9	0	0	27	75
Hyderabad	Nagarparkar	000	0	0	05	03	97	00	0	131	72	0	0	9	0	0	48	74
	Umerkot	000	0	0	02	07	98	02	0	151	70	0	0	9	0	0	42	73
	Hyderabad	000	0	0	36	03	97	02	0	168	69	0	0	9	0	0	40	72
	Badin	000	0	0	36	05	97	00	0	165	71	0	0	9	0	0	34	73
Khairpur	Padidan	000	0	0	02	05	97	02	0	178	66	0	0	9	0	0	39	69
	Nawabshah	000	0	0	36	03	97	02	0	177	70	0	0	9	0	0	34	71
	Sukkur	000	0	0	05	00	97	02	0	176	68	0	0	9	0	0	46	69
	Kashmore	000	0	0	00	00	99	02	0	182	67	0	0	9	0	0	30	73
	Jacobabad	000	0	0	00	00	97	02	0	179	67	0	0	9	0	0	39	71
Junagadh	Veraval	xxx	x	2	18	10	97	02	0	107	77	2	5	6	0	0	59	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	09	02	95	03	0	071	22	4	0	9	2	0	19	25
	Aliabad *																	
	Gilgit *	000	0	8	00	00	98	03	2	559	38	8		8	x	x	27	46
Rawalpindi	Murree *	000	9	3	07	02	98	01	1	513	34	3	0	9	8	0	26	41
Peshawar	Drosh *	000	0	3	09	09	96	01	2	515	44	3	0	9	4	0	12	48
	Cherat *	000	0	0	05	03	98	00	0	530	46	0	0	9	0	0	32	51
	Kakul *	000	8	1	09	03	98	01	1	517	47	1	0	9	7	1	34	55
	Landikotal *	000	0	1	00	00	99	01	0	505	49	0	0	9	0	4	26	54
	Parachinar *	000	0	3	13	04	98	02	0	504	46	0	0	9	0	4	22	51
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	497	55	0	0	9	0	0	25	58
	Wana *	000	0	0	00	00	99	00	0	517	50	0	0	9	0	0	31	53
Quetta	Fort Sandeman *	000	0	1	00	00	99	01	0	512	57	1	0	9	3	0	21	60
	Hindubagh *	000	0	0	27	03	97	00	0	493	54	0	0	9	0	0	14	55
	Loralai *	000	0	0	20	03	99	00	0	363	52	0	0	9	0	0	31	57
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	00	00	96	00	0	494	53	0	0	9	0	0	21	53
	Chaman *	000	0	0	27	05	98	00	0	495	59	0	0	9	0	0	07	61
	Nushki *	000	0	0	00	00	98	02	0	543	68	0	0	9	0	0	41	69
	Dalbandin *	000	8	0	13	09	96	02	0	503	67	0	0	9	0	0	31	71
Kalat	Kalat *	000	0	0	37	03	98	00	0	484	52	0	0	9	0	0	38	56
	Panjgur *	000	0	0	23	03	98	02	0	508	64	0	0	9	0	0	43	65
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	0	0	36	05	96	00	4	176	63	0	0	9	0	0	59	56
	Cox's Bazar	000	0	0	02	05	97	02	0	151	67	0	0	9	0	0	59	56
	Chittagong	000	0	0	02	02	96	00	0	159	67	0	0	9	0	0	53	53
	Maijdee Court	000	0	0	00	00	98	00	4	163	63	0	0	9	0	0	57	52
	Comilla	000	0	0	00	00	97	02	0	149	61	0	0	9	0	0	56	50
	Brahmanbaria	000	0	3	36	02	97	03	1	164	62	3	0	9	4	0	56	52
	Sylhet	000	0	6	09	09	97	01	2	158	62	2	5	6	9	0	56	53
	Srimangal	000	0	3	00	00	96	01	1	xxx	64	0	0	5	0	2	55	44
Dacca	Mymensingh	000	0	6	27	02	96	02	1	171	59	6	4	4	0	0	56	53
	Narayanganj	000	0	4	31	02	95	01	0	163	63	1	5	6	7	0	55	52
	Decca (Tezgaon)	000	0	4	36	05	96	03	0	160	61	4	0	9	7	0	56	51
	Faridpur	000	0	2	34	03	96	01	0	165	61	2	4	7	0	0	54	52
Khulna	Barisal	000	0	0	00	00	97	02	1	168	62	0	0	9	0	0	49	53
	Khulna	000	0	0	31	02	97	00	0	175	63	0	0	9	0	0	58	54
	Satkhira	000	0	0	36	02	97	00	0	177	60	0	0	9	0	0	51	52
	Jessore	000	0	1	36	05	97	01	0	172	59	0	0	9	0	0	53	49
Rajshahi	Pabna	000	0	4	31	09	96	02	0	172	60	4	0	9	4	0	55	54
	Sirajganj	000	0	7	00	00	96	02	2	172	59	7	0	9	4	0	53	53
	Bogra	000	0	4	31	03	96	01	2	168	57	3	0	9	7	1	51	53
	Dinajpur	000	0	0	00	00	96	00	0	176	56	0	0	9	0	0	49	48
	Rangpur	000	0	1	36	02	96	01	0	177	55	1	0	9	1	0	51	49
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	200	41	0	0	9	0	0	37	37
	Sialkot	000	0	0	00	00	97	00	0	198	48	0	0	9	0	0	41	37
Rawalpindi	Jhelum	000	0	1	09	02	95	10	0	192	38	0	0	9	0	1	35	35
	Rawalpindi	000	0	1	27	02	94	10	0	209	35	1	0	9	1	0	34	33
	Campbellpur	000	0	1	05	02	98	01	1	208	39	0	0	9	1	0	37	xx
Sargodha	Khushab	000	0	0	00	00	99	00	0	216	37	0	0	9	0	0	35	xx
	Lyallpur	000	0	0	00	00	96	00	0	199	43	0	0	9	0	0	38	39
Multan	Montgomery	000	0	0	31	02	96	02	0	201	45	0	0	9	0	0	40	40
	Multan	000	0	1	00	00	96	02	0	204	45	0	0	9	0	1	43	41
	Leiah	000	0	0	18	02	92	00	0	193	44	0	0	9	0	0	42	36
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	208	41	0	0	9	0	0	37	37
	Bahawalpur	000	0	0	00	00	98	00	0	203	45	0	0	9	0	0	xx	38
	Fort Abbas	000	0	0	36	02	98	00	0	206	40	0	0	9	0	0	39	38
Peshawar	Chakdara	000	0	0	36	02	97	00	0	200	37	0	0	9	0	0	29	33
	Peshawar	000	0	3	00	00	97	00	0	208	37	0	0	9	0	4	28	35
	Haripur	000	3	2	27	05	97	01	0	199	37	2	0	9	0	8	29	35
D. I. Khan	Bannu	000	0	0	00	00	99	00	1	203	38	0	0	9	0	0	34	38
	D. I. Khan	000	0	0	00	00	98	00	0	199	41	0	0	9	0	0	34	38
Quetta	Sibi	000	0	0	00	00	97	00	0	207	41	0	0	9	0	0	33	40
Kalat	Nokkundi	000	0	0	07	09	98	02	0	163	51	0	0	9	0	0	26	45
	Turbat	000	0	4	00	00	98	02	2	166	60	0	0	9	0	7	48	xx
	Jiwani	000	0	3	02	03	97	01	1	175	66	3	8	5	0	0	55	63
	Pasni	000	0	6	07	02	97	03	2	179	66	0	0	9	4	4	61	58
Karachi Division	Ormara	000	0	7	00	00	96	03	1	182	58	7	1	6	1	1	56	55
	Lasbela																	
	Karachi (Manora)	000	0	0	02	09	97	02	0	185	59	0	0	9	0	0	49	55
	Karachi (Airport)	000	0	1	00	00	96	03	8	192	48	0	0	9	0	1	36	45
Hyderabad	Nagarparkar	000	0	0	05	01	97	00	0	167	56	0	0	9	0	0	42	xx
	Umerkot	000	0	0	02	02	97	00	0	180	42	0	0	9	0	0	35	40
	Hyderabad	000	0	0	36	02	97	02	0	200	48	0	0	9	0	0	40	47
	Badin	000	0	0	36	02	97	00	0	173	48	0	0	9	0	0	39	44
Khairpur	Padidan	000	0	0	00	00	96	02	0	205	39	0	0	9	0	0	36	38
	Nawabshah	000	0	0	00	00	96	02	0	215	42	0	0	9	0	0	37	41
	Sukkur	000	0	0	00	00	96	02	0	201	48	0	0	9	0	0	41	xx
	Kashmore	000	0	0	00	00	99	00	0	209	46	0	0	9	0	0	32	35
	Jacobabad	000	0	0	09	02	97	02	0	204	45	0	0	9	0	0	34	43
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	587	27	0	0	9	0	0	24	26
Rawalpindi	Murree *	000	9	2	02	05	98	01	1	513	34	0	0	9	0	4	14	29
Peshawar	Drosh *	000	2	5	00	00	97	03	2	543	32	5	0	9	5	0	32	32
	Cherat *	000	0	0	05	03	98	00	0	499	41	0	0	9	0	0	34	35
	Kakul *	000	0	3	36	02	98	01	1	508	37	0	0	9	0	1	24	34
	Landikotal *	000	0	2	00	00	99	03	0	491	36	0	0	9	0	4	26	29
	Parachinar *	000	0	0	00	00	99	00	0	528	33	0	0	9	0	0	20	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	501	36	0	0	9	0	0	28	33
	Wana *	000	0	0	00	00	99	00	0	513	28	0	0	9	0	0	25	27
Quetta	Fort Sandeman *	000	0	2	00	00	98	03	6	524	34	2	0	8	3	0	20	31
	Hindubagh *	000	0	0	27	02	97	00	0	511	29	0	0	9	0	0	29	18
	Loralai *	000	0	0	29	02	99	00	0	354	32	0	0	9	0	0	15	25
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	0	13	02	96	00	0	510	42	0	0	9	0	0	16	29
	Chaman *	000	0	0	09	05	98	00	0	495	47	0	0	9	0	0	19	40
	Nushki *	000	0	0	09	02	98	02	0	540	53	0	0	9	0	0	xx	48
	Dalbandin *	000	0	1	27	02	96	03	0	493	48	1	0	9	3	0	41	46
Kalat	Kalat *	000	0	0	18	05	98	00	0	512	26	0	0	9	0	0	26	24
	Panjgur *	000	0	2	00	00	98	02	0	494	41	0	0	9	4	0	39	38
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	—	—	0.1	—	155.5	—
	Cox's Bazar	— 4	— 1	0.9	— 3.1	156.7	140
	Chittagong	— 2	— 3	0.1	— 2.7	170.7	108
	Maijdee Court	— 6	— 6	0	— 1.8	122.6	115
	Comilla	— 1	— 3	0	— 1.6	76.9	94
	Brahmanbaria	—	—	1.3	09	65.4	78
	Sylhet	—	—	0.1	—	—	—
	Srimangal	— 4	— 3	—	—	—	88
Dacca	Mymensingh	— 2	— 1	0.3	— 0.7	62.1	91
	Narayanganj	— 1	— 4	0.4	— 0.8	73.0	74
	Decca (Tezgaon)	—	—	0	—	81.2	—
	Faridpur	— 5	— 1	0	— 1.2	87.9	71
Khulna	Barisal	— 4	— 2	0	— 1.8	65.4	81
	Khulna	— 6	0	0	— 1.3	57.3	68
	Satkhira	— 6	1	0	— 1.9	54.3	65
	Jessore	— 5	+ 4	0	— 1.1	59.0	65
Rajshahi	Pabna	—	—	0.1	—	50.5	59
	Sirajganj	0	0	0.7	— 0.1	50.0	64
	Bogra	— 2	0	0.3	— 0.6	58.6	69
	Dinajpur	+ 1	— 1	0.1	— 0.4	51.8	72
	Rangpur	— 2	— 1	0.2	— 0.3	60.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 8	— 2	0.3	— 0.1	51.4	19
	Sialkot	— 6	— 4	2.9	+ 2.3	37.9	32
Rawalpindi	Jhelum	—	—	1.1	—	35.7	
	Rawalpindi	— 4	— 4	2.2	+ 1.2	54.4	36
	Campbellpur	—	—	0.8	—	17.4	—
Sargodha	Khushab	— 3	×	0	— 0.3	11.2	15
	Lyallpur	— 5	— 1	0.1	— 0.1	14.0	12
Multan	Montgomery	— 5	— 1	0.1	— 0.1	10.3	10
	Multan	— 1	— 0	0	— 0.3	7.5	7
	Leiah	—	—	0	—	10.6	8
Bahawalpur	Khanpur	— 5	— 6	0	— 0.2	12.6	6
	Bahawalpur	—	—	0	— 0.2	4.9	6
	Fort Abbas	—	—	0		3.1	8
Peshawar	Chakdara	—	—	2.4	—	27.8	—
	Peshawar	— 3	— 4	1.4	+ 0.7	19.2	11
	Haripur	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	—	—	0.5	—	14.4	11
	D. I. Khan	— 2	— 1	0	— 0.3	7.7	9
Quetta	Sibi	—	—	0	—	5.6	5
Kalat	Nokkundi	—	—	0	—	1.0	2
	Turbat	—	—	1.0	—	12.3	—
	Jiwani	—	—	0	—	2.8	5
	Pasni	— 2	+ 5	0	— 0.9	8.4	6
Karachi Division	Ormara	—	—	0	— 0.2	9.9	6
	Lasbela						8
	Karachi (Manora)	+ 1	— 3	0	— 0.2	9.3	8
	Karachi (Airport)	—	—	0.1	—	34.7	—
Hyderabad	Nagarparkar	—	—	0	—	27.3	—
	Umerkot	—	—	0	—	18.1	—
	Hyderabad	— 4	— 4	0	— 0.1	12.9	7
	Badin	— 6	— 6	0	— 0.2	14.8	9
Khairpur	Padidan	—	—	0	—	11.1	—
	Nawabshah	—	—	0	—	9.3	
	Sukkur	—	—	0	—	2.2	4
	Kashmore	—	—	0	—	1.8	—
	Jacobabad	— 2	— 1	0.2	0	8.3	4
Junagadh	Veraval	×	—	—	—	—	20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *	—					28
	Gulmarg **						—
	Sonamarg **						71
	Dras **						24
	Leh **						3
	Skardu *						4
	Misgar **	—					—
	Aliabad *						—
	Gilgit *	—	—	—	—	—	5
Rawalpindi	Murree *	— 6	— 4	4.1	+ 2.2	73.3	59
Peshawar	Drosh *	— 1	— 1	0.9	—	23.9	18
	Cherat *	— 1	— 6	2.2	+ 0.9	35.6	20
	Kakul *	—	—	5.1	—	41.3	—
	Landikotal *	—	—	1.9	—	15.0	—
	Parachinar *	— 1	— 1	0.8	—	30.0	20
D. I. Khan	Miranshah *	—	—	0.1	— 0.4	7.8	13
	Wana *	—	—	0.5	—	11.9	13
Quetta	Fort Sandeman *	— 1	+ 2	0.3	— 0.2	11.8	18
	Hindubagh *	—	—	0.3	—	6.1	—
	Loralai *	—	—	0	—	5.6	9
	Harnai *	—	—		—		14
	Quetta *	— 1	— 2	—	—	—	9
	Chaman *	+ 7	+ 5	0.5	— 0.7	6.8	8
	Nushki *	—	—	0.1	—	3.9	—
	Dalbandin *	+ 8	+ 15	0.2	— 0.3	2.8	4
Kalat	Kalat *	+ 4	— 2	0.2	— 0.7	13.1	7
	Panjgur *	— 0	+ 1	0.2	—	5.2	6
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 22nd DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sC_hh_sh_s$	OT,T,T,T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Naptunia	53 087	698 00	2 04 10	97 0 20	087 81	22 4 00	26 6 15	...	05 6 73	10 4 33
Jumidamaru	53 114	545 00	8 04 21	97 0 22	115 83	75 4 7x	47 6 15	...	80 0 70	...
Cekoat Gladhon	53 157	590 06	6 06 11	98 0 21	188 79	00 9 70	56 1 12	...	00 0 57	10 5 21
Tabruk	53 122	749 18	3 35 04	98 0 30	010 81	31 x 00	34 4 00	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels. Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb HHHTTTT$_d$T$_d$T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	00 00	013 182 098	117 155 115	...	143 118 999	...	309 048 999	433 552 899						
Jiwani ...	00 00	009 182 165	133 185 142	...	145 082 045	...	308 042 999	432 522 999	574 620 999	742 715 999	947 868	216 052	396 135	642 188
Karachi ...	00 00	014 092 022	140 132 048	...	150 075 512	...	309 020 999	430 548 999	569 652 999	735 755 999	938 875	207 045	387 170	...
Lahore ...	00 00	993 115 072	150 999 999	...	150 075 542	...	308 525 999	429 605 999	567 660 999	733 755 999	939 825	...	...	...
Multan ...														
Peshawar ...	00 00	976 045 558	...	...	160 130 000	...	310 018 568	432 568 638	572 665 732	734 790 850	937 892	...	...	...
Quetta ...	00 00	832 008 575	...	...	...	...	306 600 999	422 725 999	554 810 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	00 00	906 121 050	896 115 035	881 118 542	...	...	...	...	...	...	881 118 542	...	...
Jiwani ...	00 00	900 108 105	800 055 055	...	...	...	...	...	...	...	800 055 055	...	...
Karachi ...	00 00	900 112 028	800 035 548	...	...	...	...	...	...	...	800 035 548	...	...
Lahore ...	00 00	900 088 022	800 060 999	...	...	...	...	...	...	...	800 060 999	...	...
Multan ...													
Peshawer ...	00 00	917 155 068	900 148 062	800 038 535	...	...	...	...	...	...	800 038 535	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	554 810 999	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra ...																										
Chaklala ...	34 09	34 10	34 15	35 06	...	...	...	...	...	01 18	02 10	03 04	04 04	30 08	25 20	36 12	02 09	30 07	...	...	...	...	...	...	...	...
Chhor ...	...	29 03	36 04	06 06	12 02	33 05	31 09	29 18	30 29	...	27 01	31 05	32 10	35 05	84 05	...	19 01	11 02	01 02	36 03	32 11	30 12	29 17	30 17	...	...
Chhor ...	03 08	03 12	03 13	04 06	33 08	31 12	32 19	30 26	28 45	07 17	07 17	15 16	05 12	28 07	28 17	08 12	08 15	08 16	08 15	08 10	29 10	29 21	30 27	29 44	...	...
Chittagong ...	32 12	35 08	36 05	24 03	25 06	29 09	...	...	...	01 11	36 07	36 05	24 06	29 07	25 10	33 04	33 02	24 04	27 03	24 05	24 19	...	...	...	...	...
Cox's Bazar ...	34 10	33 07	10 07	02 04	32 10	...	...	...	...	01 17	01 08	16 08	04 03	26 08	24 15	01 08	05 04	15 07	23 05	36 07	28 08	23 28	23 35	24 29	...	...
Dacca ...	31 12	32 09	32 09	35 10	32 15	31 29	...	...	...	04 04	04 05	04 07	27 08	27 13	26 18	01 08	02 07	02 07	35 07	27 14	25 18	24 23	24 29	23 38	...	...
Dalbandin ...	...	...	16 08	20 08	20 08	24 13	27 12	29 34	30 52	...	...	11 16	23 13	20 14	27 17	...	...	19 07	18 13	21 08	27 19	29 25	28 35	28 59	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dresh ...	...	...	...	...	05 03	04 06	01 09	01 11	...	...	...	...	13 04	13 03	10 03	...	...	...	...	03 09	33 06	03 07	11 04	24 06	24 11	...
Fort Sandeman ...	...	...	...	05 02	27 02	30 11	31 19	30 24	30 44	...	...	...	20 02	25 05	09 09	...	...	...	25 03	21 10	24 07	25 11	28 23	29 42	...	...
Jacobabad ...										07 03	10 01	27 02	29 03	31 03	31 07	16 03	19 02	20 03	19 06	16 11	24 12	26 19	28 32	29 55	29 57	...
Jessore ...	35 10	35 12	35 09	35 13	32 17	...	...	...	...	36 22	36 14	36 10	30 08	25 13	25 14	34 07	35 13	35 19	35 12	30 10	26 14	24 19	24 14	24 38	...	...
Jhelum ...	35 01	30 03	30 05	01 06	06 02	34 06	33 09	29 14	29 26	33 05	32 08	30 07	35 06	35 05	30 08	30 05	30 08	31 05	31 06	31 08	30 08	31 13	31 13	29 21	30 44	...
Jiwani ...	18 08	17 07	17 05	18 08	29 04	29 17	30 25	29 28	30 47	19 04	19 10	19 07	...	...	...	10 03	19 06	19 08	21 08	...	...	...	...	...	...	...
Karachi ...	08 07	05 09	07 15	07 10	03 42	35 18	35 25	32 25	32 41	...	...	...	...	...	...	05 14	07 17	08 17	08 07	25 04	28 17	29 18	29 27	29 48	...	...
Khanpur ...	07 04	05 04	04 06	03 06	03 07	01 10	36 12	30 18	...	12 05	09 02	04 02	32 02	05 04	29 11	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	34 08	34 06	35 08	34 11	34 08	31 06	31 19	30 13	29 27	27 16	31 07	32 07	32 08	33 11	33 11	30 02	31 03	33 06	34 11	33 16	35 11	31 08	32 17	28 28	30 52	30 99
Multan ...	15 02	14 01	07 02	33 06	33 08	35 13	33 10	32 17	30 30	25 03	31 02	02 01	30 06	...	...	23 03	20 03	24 03	31 04	31 06	31 12	31 20	31 27	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 06	23 08	26 13	28 25	29 31	30 57	...	...	...	23 16	24 15	27 22	...	...	...	35 17	24 23	28 21	27 29	28 28	30 51	...	...
Peshawar ...	...	15 01	10 02	33 06	35 07	34 09	34 12	31 19	34 09	...	06 01	01 02	30 04	27 07	30 11	...	17 02	23 01	30 06	29 06	27 04	26 15	29 19	30 24	31 51	29 49
Quetta ...	...	...	...	38 01	32 04	31 06	30 20	30 37	...	...	...	...	...	29 02	32 05	...	...	...	...	16 03	19 15	22 17	28 17	27 43	...	...
Sharjah ...																										
Sylhet ...	08 01	15 02	19 02	08 05	04 08	...	...	...	...	05 08	03 03	08 04	07 06	25 06	26 10	06 03	09 05	08 07	04 10	28 05	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	01 09	03 09	02 08	30 12	27 33	24 21	24 23	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	05 17	05 19	06 19	06 15	05 12	27 19	29 24	30 26	30 49	31 74	...	...	...	...	...	...	...	...
Peshawar ...	...	09 06	20 08	34 12	35 04	34 12	34 13	32 12	31 19	31 20	30 29	33 39	31 59	31 61	...	...	...	...
Quetta ...																		

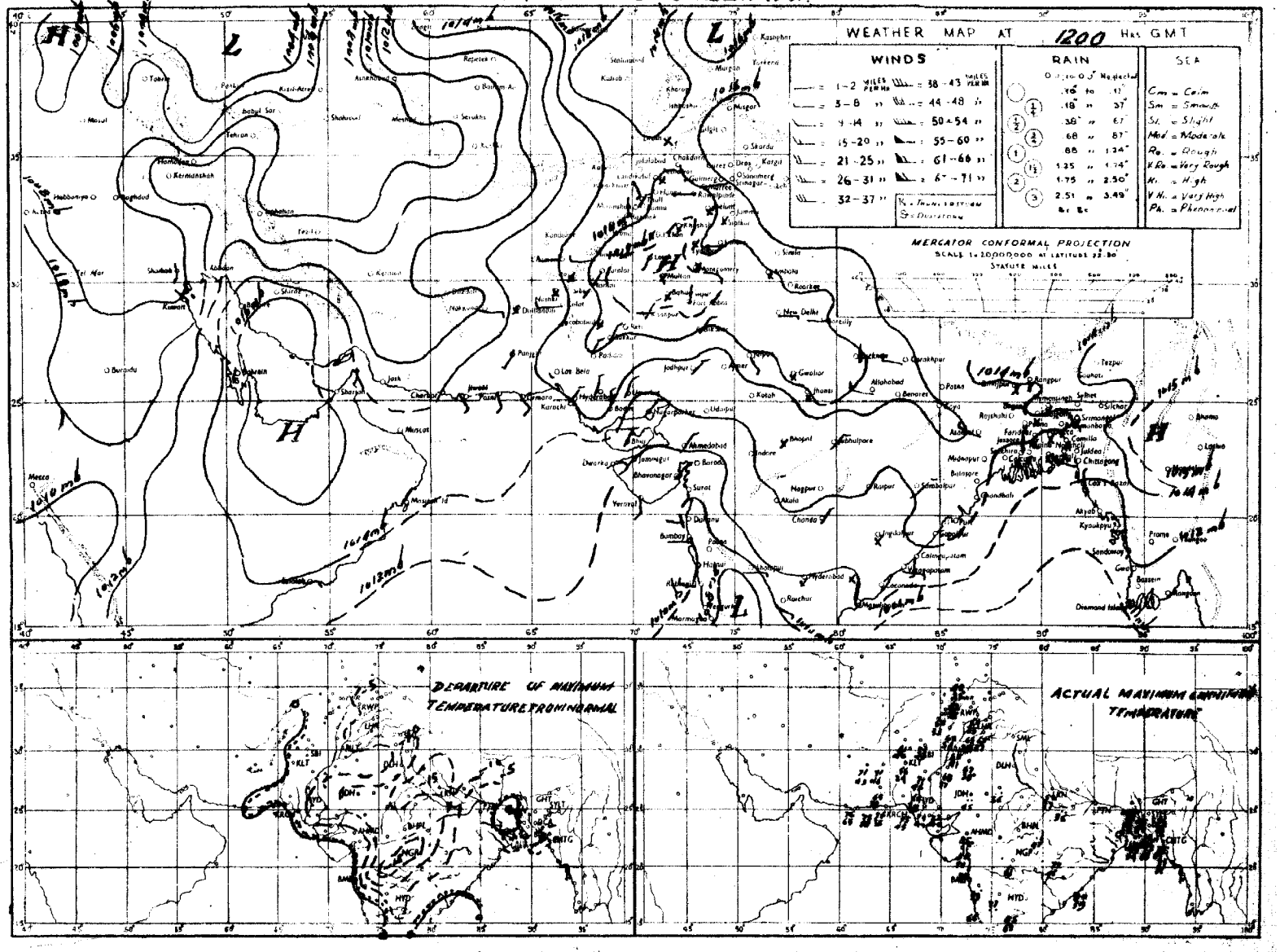
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

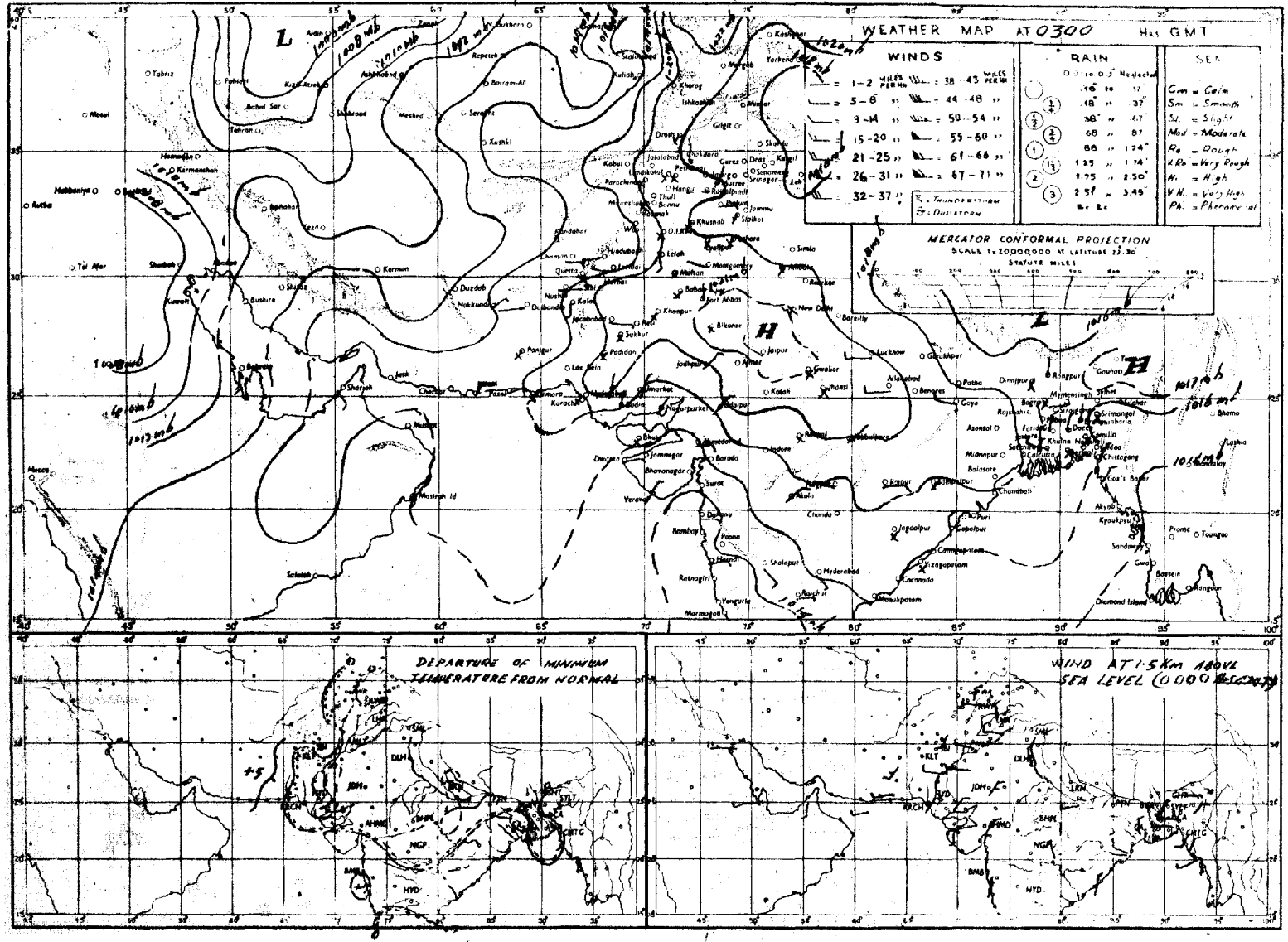
THURSDAY, 21st DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 22nd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SATURDAY THE 23rd DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over sub-Himalayan west Bengal moved away eastwards.

The western disturbance east of Caspian Sea has moved slightly eastwards. Its associated trough extends to Kalat division and neighbourhood.

The other western disturbance has moved to northwest Iran.

Weather remained dry over the country.

Night temperatures were 2-5°F below normal in East Pakistan Peshawar, Rawalpindi, Lahore, Hyderabad and Karachi divisions and were 10-15°F above normal in Quetta division and 3-5°F so in D. I. Khan, Multan and Kalat divisions outside coast.

Forecast valid until the evening of 24th December, 1961:—Local rain/thundershowers are likely to occur in Peshawar, Quetta divisions and scattered in Kalat, D. I.Khan, Rawalpindi divisions and in Kashmir.

Karachi-11
The 23rd December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																		At 0300 Hrs. G.M.T. of date														Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	9	31	02	xx	00	0	116	68	9	x	0	x	x	57	77	000	0	5	36	02	97	03	4	160	62	5	2	5	0	0	57	50	—	—	0.1	—	155.5	
	Cox's Bazar	000	0	0	05	05	xx	02	0	111	67	0	0	9	0	0	53	78	000	0	0	05	05	97	02	0	137	66	0	0	9	0	0	59	57	— 2	— 0	0.9	— 3.2	156.7	148
	Chittagong	000	0	0	31	02	xx	00	0	111	67	0	0	9	0	0	53	78	000	0	0	36	02	96	00	0	145	65	0	0	9	0	0	55	52	+ 1	— 4	0.1	— 2.7	170.7	168
	Maliden Court	000	0	0	00	00	xx	00	0	114	67	0	0	9	0	0	55	77	000	0	0	00	00	98	00	0	150	62	0	0	9	0	0	58	53	+ 7	— 5	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	xx	02	0	108	66	0	0	9	0	0	55	79	000	0	5	36	05	97	02	0	138	60	0	0	9	0	0	56	52	+ 3	— 7	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	00	1	119	68	0	0	9	0	0	56	76	000	0	3	01	02	97	00	4	153	59	0	0	9	0	0	57	52			1.3	0	65.4	78
	Sylhet	000	0	4	00	00	xx	01	2	116	66	1	5	6	8	0	59	76	000	0	0	09	09	95	02	0	150	63	0	0	9	0	0	54	52			0.1			
	Srimangal	000	0	0	00	00	xx	00	0	xxx	57	0	0	9	0	0	55	78	000	0	0	00	00	xx	xx	x	xxx	59	0	0	9	0	0	54	43	— 2	— 4	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	2	00	00	xx	01	0	135	68	2	4	4	0	0	61	73	000	0	0	27	02	96	00	0	155	55	0	0	9	0	0	53	52	— 3	— 2	0.3	— 0.7	62.1	91
	Narayanganj	000	0	1	00	00	xx	01	0	117	69	1	5	6	0	0	57	77	000	0	0	31	02	95	10	4	154	58	0	0	9	0	0	52	53	— 0	— 3	0.4	— 0.8	73.0	74
	Dacca (Tezgaon)	000	0	5	27	03	97	02	0	117	65	1	0	9	3	0	56	76	000	0	8	36	05	94	10	4	152	53	8	6	1	x	0	51	48			0	—	81.2	
	Faridpur	000	0	0	00	00	95	05	0	135	68	0	0	9	0	0	58	74	000	0	0	34	03	93	45	4	167	52	0	0	9	0	0	51	48	— 1	— 5	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	00	00	94	02	1	124	70	0	0	9	0	0	61	75	000	0	0	27	02	96	02	2	152	58	0	0	9	0	0	52	53	— 2	— 2	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	122	66	0	0	9	0	0	61	79	000	0	0	00	00	97	00	0	164	62	0	0	9	0	0	55	52	+ 1	— 2	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	xx	00	0	151	54	0	0	9	0	0	46	78	000	0	0	00	30	97	00	0	164	57	0	0	9	0	0	50	55	— 1	+ 4	0	— 1.9	54.3	65
	Jessore	000	0	0	36	02	97	00	0	140	68	0	0	9	0	0	58	72	000	0	0	31	05	97	00	0	160	55	0	0	9	0	0	51	48	— 4	— 5	0	— 1.1	59.0	65
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	126	65	0	0	9	0	0	60	75	000	0	6	31	05	97	10	2	164	52	6	0	9	1	0	xx	49	—	—	0.1	—	50.5	99
	Sirajganj	000	0	2	00	02	xx	01	2	117	67	2	0	9	4	0	59	73	000	0	0	00	00	95	00	0	163	51	0	0	9	0	0	49	49	— 2	— 4	0.7	— 0.1	50.0	64
	Bogra	000	0	1	31	02	xx	02	2	122	67	1	5	6	0	0	57	73	000	0	3	31	03	96	10	1	164	52	3	7	4	0	0	49	49	— 2	— 4	0.3	— 0.6	53.6	69
	Dinajpur	000	0	0	00	00	xx	00	0	131	64	0	0	9	0	0	54	75	000	0	8	00	00	94	10	4	168	50	8	0	9	x	x	47	47	+ 1	— 2	0.1	— 0.4	51.8	72
	Rangpur	000	0	0	00	00	xx	01	0	122	63	0	0	9	0	0	56	73	000	0	0	17	02	93	42	4	169	50	0	0	9	0	x	49	48	— 2	— 2	0.2	— 0.3	60.4	84
Kashmir	Jammu																																							
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	168	62	0	0	9	0	1	44	65	000	0	1	00	00	94	10	0	190	39	0	0	9	0	1	37	36	— 6	— 3	0.3	— 0.1	51.4	19
	Sialkot	000	0	0	00	00	98	00	0	172	60	0	0	9	0	0	48	63	000	0	0	00	00	97	00	0	184	46	0	0	9	0	0	44	37	— 4	— 4	3.0	+ 2.3	37.9	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	157	61	0	0	9	0	0	45	65	000	0	3	05	02	96	02	0	184	38	2	0	9	3	1	33	35			1.1		35.9	
	Rawalpindi	000	0	5	27	02	98	03	2	164	56	0	0	9	6	0	53	63	000	0	3	00	00	95	10	2	196	36	2	0	9	2	4	37	34	— 2	— 3	2.2	+ 1.2	54.4	36
	Campbellpur	000	0	3	05	01	98	01	1	158	59	0	0	9	0	0	48	62	000	0	9	05	02	97	02	2	185	39	0	0	9	7	0	34	xx			0.8		17.6	
Sargodha	Khushab	000	0	0	00	00	99	00	0	156	68	0	0	9	0	0	57	69	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	0	0	33	xx	— 1	×	0	— 0.4	11.2	15
	Lyallpur	000	0	0	00	00	96	00	0	172	64	0	0	9	0	0	53	73	000	0	0	00	00	93	44	4	184	42	0	0	9	0	0	35	38	— 3	— 2	0.1	— 0.2	14.0	12
Multan	Montgomery	000	0	0	00	00	96	00	0	174	64	0	0	9	0	0	44	68	000	0	2	05	02	96	02	0	186	42	0	0	9	0	1	37	39	— 2	— 2	0.1	— 0.1	10.3	10
	Multan	000	0	0	00	02	98	02	0	162	64	0	0	9	0	0	52	69	000	0	6	00	00	96	05	1	186	45	0	0	9	0	2	40	48	— 0	— 7	0	— 0.3	7.5	7
	Laiah	000	0	0	32	02	96	02	0	197	xx	0	0	9	0	0	56	xx	000	0	3	36	03	95	03	0	183	xx	0	0	9	0	6	42	36			0		10.5	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	165	67	0	0	9	0	0	45	70	000	0	1	00	00	95	05	0	182	40	1	0	9	3	0	35	36	— 3	— 7	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	172	68	0	0	9	0	0	46	66	000	0	0	00	00	98	00	0	174	48	0	0	9	0	0	45	42	xx	+ 2	0	— 0.2	4.9	4
	Fort Abbas	000	0	0	36	02	98	00	0	166	64	0	0	9	0	0	49	64	000	0	0	00	00	98	00	0	183	44	0	0	9	0	0	41	39	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	153	54	0	0	9	0	0	52	55	000	0	6	18	02	96	03	0	182	40	0	0	9	0	0	35	34			2.4		27.8	
	Peshawar	000	0	7	00	00	95	04	0	165	56	7	0	9	0	0	38	64	000	0	7	00	00	95	10	2	189	42	1	5	6	3	4	35	37	— 1	— 2	1.4	+ 0.6	19.2	11
	Haripur	000	4	4	31	02	97	03	1	148	60	4	0	9	9	0	42	63	000	0	6	29	03	97	03	2	181	42	6	0	9	3	3	32	36			2.1		3.1	
D. I. Khan	Bannu	000	4	3	00	00	99	01	1	153	60	0	0	9	0	0	45	61	000	0	8	00	00	99	03	2	187	43	0	0	9	0	8	33	38			0.5		14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	117	64	0	0	9	0	0	47	69	000	0	5	00	00	98	01	1	183	44	0	0	9	5	0	40	40	— 1	— 1	0	— 0.3	7.7	9
Quetta	Sibi	000	0	0	00	00	98	00	0	166	67	0	0	9	0	0	39	70	000	0	8	00	00	97	02	2	183	46	8	4	6	0	0	34	42			0	—	5.6	5
Kalat	Nokkundi	000	0	0	11	03	98	02	2	178	71	0	0	9	0	0	42	72	000	0	0	07	03	98	02	2	124	52	0	0	9	1	0	46	50			0	—	1.0	2
	Turbat	000	0	4	23	04	98	02	2	126	75	0	0	9	0	0	47	78	000	0	3	29	03	98	02	2	148	64	0	0	9	1	0	55	xx			1.0		12.3	8
	Jiwani	000	5	8	12	06	01	1	144	74	6	6	5	0	0	53	77	000	0	5	25	07	98	07	1	147	68	5	1	6	x	x	56	66			0	—	3.8	8
	Pasni	000	8	6	16	10	97	03	1	145	75	2	2	7	4	0	60	78	000	0	4	29	02	97	02	2	148	63	2	2	7	3	0	57	52	+ 1	—	0	— 0.9	5.4	6
Karachi Division	Ormara	000	0	1	20	03	96	02	1	145	74	1	1	6	0	0	59	xx	000	0	7	00	00	96	03	1	140	67	7	3	6	3	0	60	58	—	—	0	— 0.2	9.9	6
	Lasbela																																							8
	Karachi (Manora)	000	0	0	11	12	98	02	0	143	72	0	0	9	9	0	48	77	000	0	0	05	12	97	02	0	158	56	0	0	9	0	0	32	53	— 0	— 5	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	0	07	05	96	02	0	147	73	0	0	9	9	0	49	76	000	0	0	34	03	96	02	6	164	51	0	0	9	0	0	31	45			0.1	—	24.6	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	112	73	0	0	9	9	0	56	77	000	0	0	00	00	97	00	0	140	56	0	0	9	0	0	43	xx			0	—	27.3	
	Umerkot	000	0	0	07	01	98	02	0	135	74	0	0	9	9	0	59	76	000	0	0	02	01	97	02	0	140	44	0	0	9	0	0	32	40			0	—	18.1	7
	Hyderabad	000	0	3	36	03	97	03	1	153	69	0	0	9	7	0	41	73	000	0	0	36	05	97	02	0	170	49	0	0	9	0	0	39	47	— 4	— 4	0	— 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	164	71	0	0	9	7	0	34	74	000	0	0	36	02	97	00	0	158	48	0	0	9	0	0	41	48	— 5	— 3	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	05	02	97	02	0	161	67	0	0	9	9	0	40	70	000	0	4	05	03	96	03	0	163	46	4	0	9	3	7	40	38					11.1	
	Nawabshah	000	0	0	00	00	97	02	0	169	69	0	0	9	9	0	37	71	000	0	1	00	00	97	03	0	184	45	1	0	9	3	0	38	42			0	—	9.3	
	Sukkur	000	0	0	28	02	97	02	0	159	70	0	0	9	9	0	45	72	000	0	4	16	03	96	03	0	170	51	0	0	9	6	0	41	47			0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	178	63	0	0	9	9	0	21	73	000	0	0	00	00	99	00	0	171	45	0	0	9	3	0	29	34			0	—	0.8	4
	Jacobabad	000	0	0	36	03	97	02	1	176	67	0	0	9	7	0	40	71	000	0	7	13	03	97	02	0	176	51	3	4	6	4	0	37	46	— 2	+ 2	0.2	0	8.3	4
Lasbela	Veravel	xxx	x	1	xx	xx	97	02	0	116	xx	0	0	9	0	0	xx	xx	xxx	x	0	05	05	97	02	0	130	64	0	0	9	0	0	50	59	—	—	—	—	—	20
Afghanistan	Jalalabad																																							
Arabia	Muscat																																							
	Kuwait																																							
	HILL STATIONS																																							8
Kashmir	Srinagar	xxx	x	0	36	01	98	02	0	132	77	0	0	9	0	0	45	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					24
	Gulmarg																																							71
	Sonamarg																																							26
	Dras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	1	00	00	99	01	0	xxx	xx	0	0	9	0	0	48	—					2
	Leh																																			—	—	—	—		6
	Skardu																																							4
	Misgar	000	0	4	13	02	95	02	0	071	20	0	0	9	3	0	11	26	000	0	2	05	02	96	01	0	094	05	0	0	9	4	0	02	04						
	Aliabad																																			—	—	—	—		6
	Gilgit	000	0	4	00	00	97	01	1	565	39	4	5	8	0	0	20	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						5
Rawalpindi	Murree	000	9	3	00	00	98	01	1	499	39	0	0	9	0	8	23	46	000	9	5	11	09	97	02	1	503	38	2	5	5	5	0	18	32	—	1	—	1	4.1	+ 2.1	73.3	59
Peshawar	Drosh	000	8	7	05	03	96	03	2	501	47	3	5	8	4	2	13	49	000	0	8	09	12	96	03	2	530	42	8	5	6	0	0	22	32			0.9	—	23.9	18
	Chitral	000	8	8	31	05	98	03	2	511	49	0	0	8	0	8	29	53	000	0	0	05	03	98	00	0	509	44	7	0	9	0	0	35	36	—	— 5	2.2	+ 0.9	35.6	39
	Kakul	000	8	4	13	02	98	03	1	501	48	0	0	9	0	0	24	57	000	0	7	31	03	97	02	2	503	41	7	0	9	1	0	25	36			5.1	—	41.3	—
	Landikotal	000	8	7	00	00	98	03	1	490	52	0	0	9	0	0	23	54	000	0	7	00	00	97	02	2	488	38	7	0	9	0	x	27	34			1.9		15.0	
	Parachinar	000	0	2	11	04	99	09	0	512	45	2	0	8	1	1	22	52	000	0	6	00	00	98	01	0	519	35	6	6	8	0	0	26	32			0.8	—	30.0	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	490	57	0	0	9	0	0	29	60	000	0	6	00	00	98	03	2	488	39	4	6	8	0	0	29	34			0.1	— 0.4	7.8	13
	Wana	000	0	0	00	00	99	00	0	517	53	0	0	9	0	0	29	58	000	0	7	00	00	99	01	1	513	31	7	0	9	8	0	25	29			0.5	—	11.9	11
Quetta	Fort Sandeman	000	0	0	30	03	99	01	0	483	59	0	0	9	0	0	38	64	000	0	5	11	01	98	03	0	509	35	5	0	8	3	0	23	32	—	+ 3	0.3	— 0.2	11.6	11
	Hindubagh	000	0	0	09	05	97	00	0	488	54	0	0	9	0	0	14	54	000	0	8	13	02	97	00	0	501	32	8	0	8	4	0	11	22			0	—	6.1	9
	Loralai	000	0	0	13	03	99	00	0	383	51	0	0	9	0	0	29	59	000	0	6	31	02	99	01	2	370	34	0	0	9	0	0	18	27	—	—	0	—	8.6	9
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	x	x	x	0	0	xx	xx	000	0	8	27	02	95	xx	x	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.7	34.5	14
	Quetta	000	0	0	00	00	96	00	0	479	55	0	0	9	0	0	31	56	000	0	0	13	02	96	00	0	512	32	0	0	9	0	0	12	29	+ 2	— 3	0.5	— 0.5	6.7	9
	Chaman	000	0	0	27	07	98	00	0	463	60	0	0	9	0	0	18	61	000	0	6	13	05	98	02	1	479	52	6	2	5	3	0	22	47	+ 7	+ 12	0.5	— 0.7	6.8	9
	Nushki	000	0	0	18	13	98	02	0	513	63	0	0	9	0	0	43	65	000	0	0	00	00	98	02	0	549	55	1	0	9	3	0	41	51			0.1		3.9	
	Dalbandin	000	8	1	23	07	95	05	1	481	67	1	0	9	3	0	46	68	000	0	1	00	00	96	03	0	461	50	1	0	9	3	0	26	48	+ 5	+ 17	0.2	— 0.4	2.9	4
Kalat	Kalat	000	0	0	23	09	98	00	0	461	47	0	0	9	0	0	18	51	000	2	0	18	03	98	03	2	475	38	0	0	9	2	0	28	36	— 1	— 0	0.2	— 0.7	12.1	7
	Panjgur	000	0	3	23	09	98	03	1	489	62	0	0	9	5	0	47	64	000	0	6	23	02	98	02	0	482	52	6	6	9	0	0	48	40	— 1	+ 3	0.2	—	5.2	5
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 23rd DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Oranter	63 083	722 00	0 80 05	99 0 20	099 81	00 9 20	25 6 09	...	05 3 69	10 8 21
Mustali	63 246	669 06	1 05 03	99 0 00	202 61	00 6 00	33 x xx	...	...	...
Serminion	63 257	572 06	4 14 15	98 0 20	148 76	42 6 00	36 1 13	...	00 2 68	11 4 23
Mustali	63 236	671 12	0 06 01	99 0 C0	152 73	00 9 00	33 x xx	...	...	...
Mastali	63 228	678 18	0 05 24	99 0 00	169 62	00 9 00	33 x xx		...	...
Serma	63 160	659 18	3 02 13	98 0 20	127 77	31 4 xx	76 2 06		05 2 64	10 2 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT$T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	012 000 000	...	...	144 112 992	...	305 508 995	427 575 998	566 658 998	721 778 995	922 902	...	...	...
Jiwani ...	00 00	007 202 168	...	...	146 098 088	...	309 058 998	433 508 995	577 588 995	745 732 998	950 868	218 078	396 150	641 185
Karachi ...	00 00	012 118 048	124 168 075	...	148 078 992	...	309 068 995	432 522 995	575 595 995	744 725 995	949 822	220 038	...	...
Lahore ...	00 00	992 115 052	143 xxxxxx	...	150 075 995	...	308 525 995	428 610 990	566 695 995	729 778 992	930 902	200 012	...	...
Multan ...														
Peshawar ...	00 00	975 072 035	...	...	147 065 565	...	315 186 642	428 584 702	567 675 785	730 780 990	932 888	..	...	...
Quetta ...	00 00	829 052 525	...	...	...	...	306 545 995	426 595 995	565 670 990	xxxxxxxxx	934 830	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	980 105 065	878 092 028	...	...	...	...	...	...	...	878 092 028	...	...
Jiwani ...	00 00	900 132 122	800 062 055	...	...	...	...	...	...	...	800 062 055	...	...
Karachi ...	00 00	...	...	...	...	...	...	...	—	...	xxx xxx xxx	...	...
Lahore ...	00 00	900 092 015	800 048 992	...	...	...	...	...	...	...	800 048 992	...	...
Multan ...													
Peshawar ...	00 00	980 082 542	800 048 602	...	...	...	..	...	...	...	800 048 602	...	...
Quetta ...	00 00	800 055 002	740 000 900	...	...	—	..	...	...	...	740 000 900	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	29 02	30 02	31 02	25 02	31 06	29 22	28 21	30 28
Chhor ...	05 04	05 05	07 07	14 06	28 06	29 20	28 28	30 39	29 47
Chittagong ...	34 05	04 07	04 05	20 03	27 03	23 07	23 13	...	...
Cox's Bazar ...	36 07	03 03	08 03	05 07	19 04	19 13	...	...	...
Dacca ...	31 12	32 07	32 09	35 10	32 15	31 29	...	...	...
Dalbandin ...	...	...	17 11	20 13	22 23	22 44	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 05	35 06	33 12	...	...
Fort Sandeman ...	...	...	...	19 05	19 10	21 12	27 22	28 32	28 39
Jacobabad ...	28 01	36 01	08 02	21 08	20 13	02 02	28 29	28 43	28 43
Jessore ...	34 08	34 09	36 10	34 07	26 06	25 17	...	...	...
Jhelum ...	08 03	30 05	31 07	32 03	32 06	32 12	28 20	30 25	32 23
Jiwani ...	20 12	20 13	30 12	28 08	29 14	...	...	...	...
Karachi ...	06 12	06 09	06 05	07 07	24 06	28 16	28 29	29 33	31 37
Khanpur ...	22 06	24 05	23 04	22 05	24 07	20 08	19 08	26 11	17 17
Lahore ...	15 02	31 06	31 03	33 09	33 15	33 18	32 21	30 29	31 35
Multan ...	16 06	19 07	21 07	24 11	23 06	25 10	27 21	28 32	29 38
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 17	23 17	...	...	...	...
Peshawar ...	...	23 01	31 04	33 01	22 07	32 04	25 14	24 17	20 26
Quetta ...	...	...	...	...	22 07	19 09	26 11	28 35	28 36
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	07 01	09 03	07 05	08 09	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	33 14	...	...	...	...	...
Chaklala ...	...	35 02	30 04	25 02	27 03	23 06
Chhor ...	08 04	03 02	25 05	29 05	24 09	24 16
Chittagong ...	01 07	01 06	11 04	22 11	23 10	24 20
Cox's Bazar ...	35 11	35 03	20 04	24 04	24 19	24 24
Dacca ...	35 06	35 06	34 07	30 04	26 12	24 21
Dalbandin ...	...	...	17 09	22 18	24 16	25 17
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	24 02	03 06	25 10
Fort Sandeman ...	...	...	...	06 05	19 05	22 03
Jacobabad ...	04 04	01 01	21 04	20 08	23 13	22 07
Jessore ...	35 23	35 13	35 09	31 07	27 10	23 18
Jhelum ...	32 03	31 05	32 06	32 06	28 06	29 07
Jiwani ...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	19 04	15 09	17 09	18 06	18 07	24 10
Lahore ...	31 02	33 07	34 09	35 07	32 10	35 06
Multan ...	12 06	20 04	25 09	23 08	20 11	22 07
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 20	...	...
Peshawar ...	...	23 02	23 02	23 02	24 04	25 10
Quetta ...	...	...	...	...	27 03	29 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 13	11 04	18 03	20 02	24 10	23 21
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	34 12	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	19 01	05 02	17 01	20 03	20 08	18 09	23 17	...	...	...
Chhor ...	33 02	31 04	31 06	31 06	24 10	25 22	26 33	27 35	29 59	...	...
Chittagong ...	36 07	36 06	32 02	22 10	22 13	25 08	24 29	...	...	...	...
Cox's Bazar ...	34 11	35 05	35 03	27 06	23 11	24 23	24 27	24 37	25 47	...	...
Dacca ...	33 04	36 03	36 06	30 09	24 16	24 17	26 19	25 39	25 64	25 77	78 24
Dalbandin ...	...	...	19 07	22 14	22 14	31 17	30 20	28 30	30 75	79 03	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 05	02 05	02 07	...	...	...	...
Fort Sandeman ...	...	...	...	32 02	19 10	21 16	22 13	...	...	...	...
Jacobabad ...	13 02	17 02	19 04	22 04	...	...	...	...	...	...	...
Jessore ...	35 07	34 09	36 08	29 08	22 18	25 10	27 15	27 31	26 49	...	...
Jhelum ...	32 02	32 03	33 03	30 05	26 07	20 05	20 07	22 11	26 19	27 15	...
Jiwani ...	23 12	24 10	24 14	...	...	...	...	...	...	...	...
Karachi ...	05 12	07 08	04 10	36 15	34 12	27 28	27 31	29 37	29 39	...	...
Khanpur ...	12 04	12 06	11 05	14 06	14 08	19 10	19 11	24 22	27 35	30 49	...
Lahore ...	33 03	33 04	34 04	34 10	33 06	24 03	25 09	25 [illegible]	28 19	28 13	...
Multan ...	17 04	16 03	24 01	21 05	19 10	19 15	21 19	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 18	...	...	...	...	...	...	...
Peshawar ...	...	32 04	31 05	02 04	07 06	11 09	17 11	18 20	...	...	...
Quetta ...	...	...	...	...	17 10	19 10	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 03	09 02	06 04	27 06	25 12	24 22	24 23	26 30	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

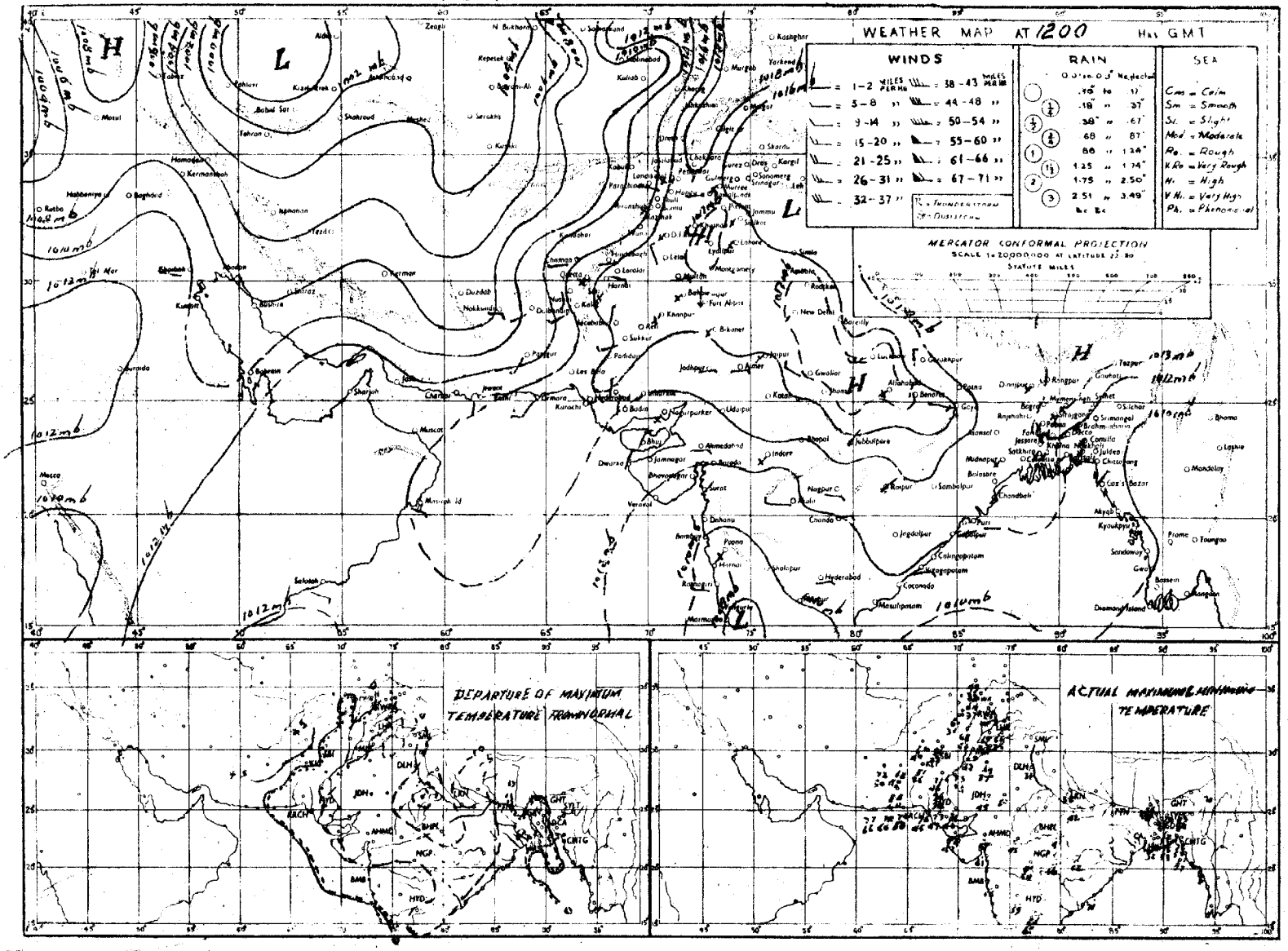
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	34 05	34 05	34 05	25 06	23 10	24 16	25 27	25 33	27 45	26 52	26 42	25 35	..	...	...	...	...	...
Karachi ...	04 15	86 04	03 06	03 08	29 12	27 29	28 38	30 60	29 72	29 93	80 20	79 05	...	...	...	...	...	...
Peshawar ...	...	22 10	28 05	24 04	36 08	28 42	28 20	29 23	29 27	30 33	30 59	31 87	27 05	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

PAKISTAN DAILY WEATHER MAP

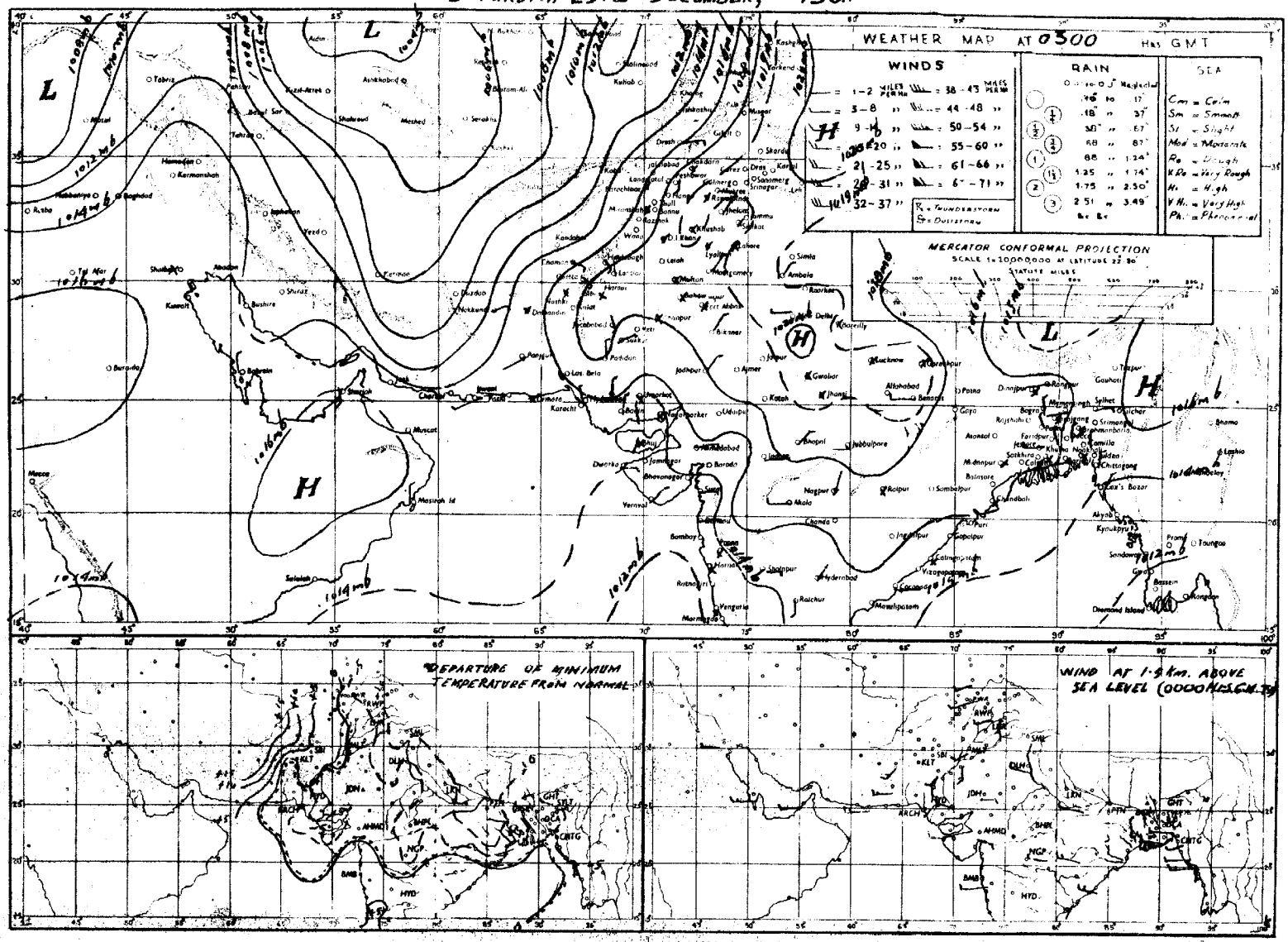
FRIDAY, 22nd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 23rd DECEMBER, 1961



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

SUNDAY THE 24th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance is moving across east Russian Turkistan and has induced a secondary over Afghanistan. It has caused scattered rain/thundershowers in Quetta and Peshawar divisions.

The other western disturbance now lies over northeast Iran.

Chief amounts of rainfall are:-Quetta 1/2" and Landikotal 1/4".

Night temeratures were 8-12°F above normal in Kalat and Quetta divisions, 3-6°F so in D. I. Khan, Multan and Khanpur divisions and 3-8°F below normal in East Pakistan.

Forcast valid until the evening of 25th December, 1961:—Local rain/thundershowers will occur in Quetta and Peshawar divisions and in Kashmir and scattered in D. I. Khan, Rawalpindi and Kalat divisions.

Karachi-11
The 24th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	00	1	131	68	9	x	0		x	56	77
	Cox's Bazar	000	0	0	31	03	xx	00	0	118	65	0	0	9	0	0	57	72
	Chittagong	000	0	0	29	02	xx	00	0	129	67	0	0	9	0	0	57	76
	Maijdee Court	000	9	0	27	02	xx	10	0	115	65	0	0	9	0	0	56	74
	Comilla	000	0	0	00	00	xx	02	0	110	66	0	0	9	0	0	57	76
	Brahmanbaria	000	0	0	31	03	xx	00	0	118	65	0	0	9	0	0	57	72
	Sylhet	000	0	0	00	00	xx	02	0	118	67	0	0	9	0	0	53	77
	Srimangal	000	0	0	00	00	xx	00	0	xxx	56	0	0	9	0	0	53	76
Dacca	Mymensingh	000	0	0	27	02	xx	00	0	128	62	0	0	9	0	0	53	68
	Narayanganj	...	...	...	...	...	...	...	...				...	...	...			
	Dacca (Tezgaon)	000	0	0	31	05	96	05	0	123	55	0	0	9	0	0	53	64
	Faridpur	000	0	0	34	02	94	10	0	128	58	0	0	9	0	0	56	61
Khulna	Barisal	...	...	...	...	...	...	...	...							...		
	Khulna	000	0	0	00	0	xx	00	0	119	66	0	0	9	0	0	61	72
	Satkhira	000	0	0	00	0	97	00	0	161	65	0	0	9	0	0	55	73
	Jessore	000	0	0	36	02	97	00	0	128	65	0	0	9	0	0	56	71
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	127	62	0	0	9	0	0	57	74
	Sirajganj	000	0	0	00	00	xx	00	0	115	57	0	0	9	0	0	53	63
	Bogra	000	0	0	00	00	xx	00	0	126	59	0	0	9	0	0	55	64
	Dinajpur	000	0	0	00	00	xx	00	0	124	57	0	0	9	0	0	47	62
	Rangpur	000	8	0	00	00	xx	01	4	125	57	0	0	9	0	0	53	63
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	0	96	03	0	154	62	3	0	9	3	1	46	65
	Sialkot	000	0	4	00	0	97	03	0	160	59	4	5	6	x	x	48	62
Rawalpindi	Jhelum	000	0	5	00	0	97	02		147	58	2	0	9	1	6	46	63
	Rawalpindi	000	0	7	25	02	97	02	2	163	49	4	5	6	6	6	46	69
	Campbellpur	000	0	6	05	01	98	02	2	157	54	0	0	9	0	0	41	56
Sargodha	Khushab	000	0	5	00	0	99	03		153	64	0	0	9	7	0	40	68
	Lyallpur	000	0	7	00	0	96	03	2	156	65	0	0	9	2	0	40	65
Multan	Montgomery	000	0	5	00	0	96	03	2	152	65	0	0	9	0	1	47	70
	Multan	000	0	5	00	0	97	02	1	153	65	5	5	9	0	0	44	70
	Leiah	000	0	6	18	01	96	03	2	147	62	0	0	9	6	0	44	68
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	147	65	0	0	9	0	0	38	70
	Bahawalpur	000	0	0	00	00	98	00	0	144	65	0	0	9	0	0	54	72
	Fort Abbas	000	0	0	36	02	98	00	0	165	64	0	0	9	0	0	46	68
Peshawar	Chakdara	000	0	8	13	02	96	03	0	141	53	8	6	9	9	0	51	54
	Peshawar	000	0	8	00	00	93	04	4	164	53	2	5	6	2	x	42	57
	Haripur	000	5	7	13	02	96	03	2	143	66	7	0	9	4	0	49	67
D. I. Khan	Bannu	000	0	8	00	00	99	02	2	147	61	0	0	9	0	8	38	62
	D. I. Khan	000	0	6	00	00	98	02	1	114	62	0	0	9	1	0	49	65
Quetta	Sibi	000	9	6	13	02	98	03	2	150	64	0	0	7	4	0	38	66
Kalat	Nokkundi	000	0	0	25	03	98	02	0	071	75	0	0	9	0	0	34	76
	Turbat	000	0	3	27	05	95	02	2	103	78	0	0	9	1	0	43	81
	Jiwani	000	0	3	23	14	98	02	5	118	76	3	1	6	0	0	58	77
	Pasni	000	8	6	20	14	96	02	1	116	74	2	2	7	3	0	64	79
Karachi Division	Ormara	000	4	7	18	04	96	03	5	117	73	7	7	5	3	0	63	77
	Lasbela																	
	Karachi (Manora)	000	0	4	23	09	98	01	1	125	72	0	0	9	4	0	63	80
	Karachi (Airport)	000	0	3	23	02	96	03	0	133	73	3	0	9	3	0	34	77
Hyderabad	Nagarparkar	000	0	1	31	01	97	00	0	087	75	0	0	9	6	0	57	80
	Umerkot	000	0	0	29	02	98	02	0	121	72	0	0	9	0	0	39	78
	Hyderabad	000	0	2	00	00	97	03	0	135	73	2	0	7	3	0	40	78
	Badin	000	0	0	36	02	97	00	0	154	76	0	0	9	0	0	40	82
Khairpur	Padidan	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
	Nawabshah	000	0	6	36	02	97	02	2	153	68	6	0	9	3	0	39	72
	Sukkur	000	8	8	02	02	97	03	2	143	66	8	0	9	6	0	47	70
	Kashmore	000	0	0	00	00	99	00	0	186	67	0	0	9	0	0	23	74
	Jacobabad	000	0	1	31	02	97	02	2	149	63	2	5	7	6	0	43	69
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	000	0	8	34	02	97	03	2	115	53	4	0	9	5	7	51	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh *																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	0	8	05	02	97	03	2	494	39	8	5	5	x	x	35	40
Peshawar	Drosh *	000	0	8	00	00	95	50	5	529	38	8	5	5	x	x	33	43
	Cherat *	000	0	8	05	09	98	03	2	520	45	8	6	6	0	0	33	45
	Kakul *	000	0	7	31	03	98	02	2	494	47	7	0	9	2	0	33	54
	Landikotal *	000	0	8	23	02	97	02	2	489	48	8	0	9	2	x	28	50
	Parachinar *	000	0	8	00	00	95	63	2	508	39	8	0	7	0	4	30	43
D. I. Khan	Miranshah *	000	0	4	00	00	98	01	1	480	55	4	4	9	0	0	27	65
	Wana *	000	0	7	00	00	99	01	1	509	50	7	0	9	9	0	23	58
Quetta	Fort Sandeman *	000	0	4	00	00	99	01	0	486	51	0	4	8	3	0	22	53
	Hindubagh *	000	0	8	09	05	97	00	0	468	41	8	8	9	0	0	32	47
	Loralai *	000	0	4	16	03	99	02	1	392	46	0	0	9	1	1	34	48
	Harnai *	000	9	8	09	01	96	21	6	xxx	xx	7	3	4	3	6	xx	xx
	Quetta *	000	1	8	23	03	96	02	5	496	45	8	8	5	0	0	37	51
	Chaman *	017	2	7	13	05	98	02	6	446	51	7	2	5	0	0	43	52
	Nushki *	000	0	7	18	13	98	03	0	496	43	6	6	6	0	0	54	62
	Dalbandin *	000	8	2	23	05	97	03	0	468	70	1	1	7	3	0	45	71
Kalat	Kalat *	000	8	0	18	03	98	03	2	500	45	x	x	8	x	x	34	48
	Panjgur *	000	0	0	23	12	96	02	0	478	66	3	7	6	0	0	45	66
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	5	2	36	05	96	03	4	174	60	2	2	6	0	0	56	57	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	1	36	07	97	03	0	151	65	1	1	6	0	0	59	57	— 7	0	1.0	— 3.2	156.7	140
	Chittagong	000	0	4	05	03	95	20	4	162	59	1	0	7	1	2	11	54	— 1	— 2	0.1	— 2.7	170.7	108
	Maijdee Court	000	9	9	34	07	93	44	4	167	53	9	x	x	x	x	53	51	— 4	— 7	0	— 1.8	122.6	115
	Comilla	000	0	9	00	00	95	43	4	157	54	0	0	9	0	0	54	50	0	— 3	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	00	00	96	43	4	163	55	0	0	9	0	0	53	51	—	—	1.3	0	65.4	78
	Sylhet	000	0	0	09	05	95	28	4	163	62	0	0	9	0	0	55	48	—	—	0.1	—		—
	Srimangal	000	0	0	00	00	92	28	4	xxx	55	0	0	9	0	0	54	46	— 4	— 1	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	2	0	27	02	94	10	4	177	51	0	0	9	0	0	49	48	— 8	— 6	0.3	— 0.7	62.1	91
	Narayanganj	000	9	3	34	02	95	10	4	167	55	3	7	4	0	0	51	48		— 8	0.4	— 0.8	73.0	74
	Dacca (Tezgaon)	000	0	8	36	05	93	46	0	166	50	8	7	2	x	x	50	45	—	—	0		81.2	—
	Faridpur	000	0	0	34	03	93	45	4	168	50	0	0	9	0	0	48	45	— 14	— 8	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	36	01	97	00	0	170	54	0	0	9	0	0	51	50		— 5	0	— 1.8	65.4	81
	Khulna	000	0	0	00	00	xx	00	0	264	57	0	0	9	0	0	55	50	+ 5	— 4	0	— 1.3	57.3	68
	Satkhira	000	0	0	10	00	97	00	0	174	51	0	0	9	0	0	48	47	— 6	— 4	0	— 1.9	54.3	65
	Jessore	000	0	0	31	03	97	00	0	170	52	0	0	9	0	0	48	44	— 5	— 9	0	— 1.1	59.0	63
Rajshahi	Pabna	000	0	8	31	09	93	10	2	182	49	8	0	9	2	x	49	46	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	94	44	4	179	50	0	0	9	0	0	50	46	— 12	— 7	0.7	— 0.1	50.0	64
	Bogra	000	3	0	31	03	94	43	4	179	49	0	0	9	0	0	49	47	— 11	— 6	0.3	— 0.6	53.6	69
	Dinajpur	000	0	8	00	00	94	10	4	192	48	8	0	0	0	0	47	45	— 12	— 4	0.1	— 0.4	51.8	72
	Rangpur	000	7	0	05	02	92	46	4	183	42	0	0	9	0	0	47	45	— 12	— 4	0.2	— 0.3	60.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	1	00	00	95	10	2	176	41	1	0	9	0	0	37	39	— 6	0	0.3	— 0.2	51.4	19
	Sialkot	000	0	0	00	00	97	00	0	171	46	0	0	9	0	0	44	41	— 5	0	3.0	+ 2.3	37.9	32
Rawalpindi	Jhelum	000	9	4	00	00	96	02	2	176	41	1	0	9	3		36	38	—	—	1.1	—	35.9	
	Rawalpindi	000	0	7	27	03	99	02	2	175	50	6	5	6	6	0	39	38	— 6	+ 1	2.2	+ 1.1	54.4	36
	Campbellpur	000	0	7	05	01	97	02	2	168	48	0	0	9	0	0	41	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	7	05	02	99	03	2	130	49	0	0	9	0	8	40	42	— 2	+ 1	0	— 0.4	11.2	18
	Lyallpur	000	0	5	00	00	93	43	4	178	44	0	0	9	2	0	42	39	— 3	— 1	0.1	— 0.2	14.0	12
Multan	Montgomery	000	1	5	00	00	94	42	2	179	55	0	0	5	0	1	40	41	0	0	0.1	— 0.1	10.3	10
	Multan	000	0	5	00	00	96	01	1	188	49	2	5	6	3	0	45	45	+ 1	+ 4	0	— 0.3	7.5	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	184	45	0	0	9	0	0	39	44	— 3	+ 1	0	— 0.2	12.6	4
	Bahawalpur	000	0	0	00	00	98	00	0	174	45	0	0	9	0	0	38	42	— 1	+ 2	0	— 0.2	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	194	41	0	0	9	0	0	39	39	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	6	19	02	98	01	0	174	45	6	0	9	9	0	27	40	—	—	2.4	—	27.8	—
	Peshawar	000	2	8	29	03	98	02	5	188	52	3	5	6	2	x	40	45	— 8	+ 6	1.4	+ 0.6	19.2	11
	Haripur	000	6	2	05	03	96	03	2	183	44	7	6	6	0	0	35	45	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	000	0	8	00	00	98	03	2	178	51	0	0	9	8	0	41	41	—	—	0.5	—	14.4	11
	D. I. Khan	000	3	5	00	00	98	01	1	178	50	0	0	9	5	0	42	43	— 5	+ 4	0	— 0.3	7.7	9
Quetta	Sibi	007	3	8	00	00	97	02	2	184	47	8	4	6	0	0	43	45	—	—	0	—	5.7	5
Kalat	Nokkundi	000	3	1	05	03	98	03	0	154	52	0	0	9	0	1	37	50	—	—	0	—	1.0	2
	Turbat	000	0	0	09	02	97	00	0	148	63	0	0	9	0	0	54	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	3	25	05	97	03	0	141	68	1	1	6	0	1	61	63	—	—	0	—	3.8	8
	Pasni	000	3	6	07	09	97	03	2	146	67	2	2	7	4	3	65	63	+ 2	+ 10	0	— 0.9	5.4	6
Karachi Division	Ormara	000	6	8	09	02	96	03	5	139	68	8	7	4	0	0	66	xx	—	—	0	— 0.3	9.9	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	05	14	96	03	2	167	58	0	0	9	9	0	38	54	+ 3	— 4	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	3	36	02	96	03	1	165	55	2	0	9	3	1	39	52	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	000	0	1	00	00	97	00	0	126	61	0	0	9	6	0	47	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	01	97	02	0	158	49	0	0	9	0	0	41	43	—	—	0	—	18.1	—
	Hyderabad	000	0	5	36	03	97	03	1	181	55	2	0	7	3	1	42	53	+ 1	+ 2	0	— 0.2	12.9	7
	Badin	000	0	0	36	02	97	00	0	172	50	0	0	9	0	0	43	50	+ 3	0	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	3	31	05	96	01	1	179	48	0	0	9	0	8	45	45	—	—	0	—	11.1	—
	Nawabshah	000	0	3	31	03	96	01	0	182	49	3	0	9	3	0	44	49	—	—	0	—	9.3	—
	Sukkur	000	4	4	05	02	95	01	2	176	55	4	0	9	6	0	45	50	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	157	47	0	0	9	0	0	32	35	—	—	0	—	1.8	—
	Jacobabad	000	0	3	00	00	96	02	2	182	51	3	0	9	3	0	40	50	— 4	+ 6	0.2	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh *																							3
	Skardu *																							6
	Misgar **	000	0	3	00	00	96	01	0	082	52	0	0	9	1	0	37	41		—	—	—	—	—
	Aliabad *																							—
	Gilgit *	002	3	8	00	00	96	68	7	567	34	8	7	6	x	x	31	34		—				5
Rawalpindi	Murree *	000	9	8	05	05	97	03	2	502	30	8	5	5	0	0	31	34	— 7	+ 1	4.1	+ 2.0	73.3	59
Peshawar	Drosh *	005	7	2	00	00	96	20	5	531	35	4	5	5	4	1	33	34	— 6	+ 1	1.0	—	23.9	18
	Cherat *	000	0	8	05	09	98	03	2	489	40	8	6	6	0	0	35	35	— 4	— 6	2.7	+ 0.8	35.6	29
	Kakul *	000	9	8	16	09	98	02	2	497	43	6	7	7	2	x	29	41	—	—	5.1	—	41.3	—
	Landikotal *	024	3	8	23	02	96	61	6	498	39	8	7	6	x	x	37	36	—	—	2.1	—	15.2	—
	Parachinar *	000	0	4	00	00	99	01	1	524	32	4	6	9	0	0	28	32	— 9	+ 2	0.8	—	30.0	29
D. I. Khan	Miranshah *	000	0	8	00	00	98	03	2	494	45	8	3	8	0	0	33	33	—	—	0.1	— 0.5	7.8	13
	Wana *	000	0	7	00	00	99	01	1	509	42	7	0	9	8	0	37	35	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman *	004	2	2	00	00	98	01	6	510	38	2	0	8	3	0	33	34	+ 8	+ 5	0.3	— 0.2	11.6	11
	Hindubagh *	000	0	8	27	02	96	00	0	502	29	8	8	8	0	0	24	20	—	—	0.3	—	6.1	—
	Loralai *	000	0	3	27	02	99	02	1	369	34	0	0	9	1	1	31	29	—	—	0	—	5.6	9
	Harnai *	000	0	0	27	05	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.1	— 0.8	34.6	14
	Quetta *	039	4	1	00	00	96	02	6	500	40	1	1	5	0	0	44	32	— 3	+ 1	0.9	— 0.2	7.1	9
	Chaman *	017	0	0	18	05	98	00	0	491	43	0	0	9	0	0	33	39	— 2	+ 4	0.7	— 0.6	7.0	8
	Nushki *	000	0	3	09	05	98	01	0	531	53	3	0	9	6	0	30	49	—	—	0.2	—	3.9	—
	Dalbandin *	000	9	7	05	02	96	03	1	471	44	2	0	9	4	4	37	43	+ 8	+ 12	0.2	— 0.4	2.8	4
Kalat	Kalat *	000	1	0	18	03	98	00	0	491	36	0	0	9	0	0	31	34	— 4	+ 8	0.2	— 0.7	13.1	7
	Panjgur *	000	0	8	09	02	97	03	0	485	47	0	0	9	0	7	45	45	+ 1	+ 3	0.2	—	5.2	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 24rd DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_oV_s a PP	8 $N_sC_hh_sh_s$	$OT_1T_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Muscat	73 219	684 00	0 05 13	99 0 00	134 63	00 9 00	33 x xx	...	05 6 61	13 5 23
Vellelia	73 205	689 03	0 35 14	99 0 00	116 74	00 9 00	75 5 08	...	05 3 62	10 0 26
British Consul	73 269	570 03	0 00 00	99 0 20	147 73	00 9 00	...	...	00 3 71	10 0 00
Qarminior	73 201	588 06	2 00 00	98 0 30	148 81	22 6 02	46 1 13	...	...	...
Muscati	73 215	687 06	0 05 13	99 0 00	203 72	00 9 00	33 x xx	...	...	...
Vellelia	73 218	657 12	1 35 14	99 0 20	133 73	11 5 00	75 4 00	...	05 6 54	13 2 52
Sarmia	73 203	635 12	3 02 07	98 0 21	131 74	31 x 70	76 6 20	...	05 3 53	10 2 22
British Consul	73 252	591 12	0 26 13	99 0 20	134 78	00 9 00	24 6 23	...	00 1 56	12 6 23
Muscati	73 207	692 12	1 05 05	99 0 00	125 84	11 6 00	33 x xx	...	...	...
Safinae gamhooriya	73 220	679 12	0 36 09	98 0 20	15x 73	...	...	...	...	...
British Consul	73 250	603 18	0 27 13	99 0 20	143 75	00 9 00	24 1 09	...	05 2 62	12 7 23
Vellelia	73 225	644 18	0 39 02	98 0 10	157 71	00 9 00	75 2 08	...	05 8 55	10 0 20
Safina-e-gamhooriya	73 224	672 18	0 36 09	98 0 00	16x 69	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	900mb HHHTTTTdTdTd	850mb HHHTTTTdTdTd	800mb HHHTTTTdTdTd	700mb HHHTTTTdTdTd	600mb HHHTTTTdTdTd	500mb HHHTTTTdTdTd	400mb HHHTTTTdTdTd	300mb HHHTTT	200mb HHHTTT	150mb HHHTTT	100mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	00 00	013 112 072	114 102 075	...	147 105 992	...	306 012 998	428 555 998	568 670 990	714 112 508	...	...	...	...
Dacca	00 00	006 192 165	107 212 178	...	145 122 042	...	309 065 995	334 518 992	576 618 992	744 708 992	949 875	217 050	991 105	996 xxx
Jiwani	00 00	012 132 028	125 172 042	...	148 118 032	...	310 045 602	434 525 995	576 605 995	744 722 998	950 862	219 058	...	...
Karachi	00 00	991 082 065	135 xxxxxx	...	149 052 522	...	305 530 990	426 580 990	565 678 995	...	...	...	...	...
Lahore														
Multan														
Peshawar	00 00	975 118 018	...	...	144 075 522	...	307 515 632	429 572 665	569 698 738	735 730 990	990 852	216 938	...	...
Quetta	00 00	837 022 015	...	...	...	...	306 568 568	490 xxx xxx	558 735 995	716 885 995	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	...	...	...	...	...	...	...	...	xxx xxx xxx	...	...
Jiwani	00 00										xxx xxx xxx		
Karachi	00 00	988 202 068	900 138 008	800 085 505	...	...	...	...	...	...	800 085 505	...	...
Lahore	00 00	900 065 005	800 032 538	...	...	...	...	...	...	...	800 032 538	...	...
Multan													
Peshawar	00 00	945 122 022	900 102 005	800 052 542	...	...	...	...	...	...	800 052 542	...	...
Quetta	00 00	900 018 002	751 008 512	...	...	...	...	...	...	...	751 008 512	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

Sr—Character of tropopause

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	36 09									No	Ascent					33 08										
Chaklala	...	27 03	03 03	32 02	34 02	21 08	...	...	...	11 04	11 04	16 04	19 06	27 11		...	31 03	31 11	28 06	23 10	05 15	...	...	...	...	...
Chhor	24 05	30 06	32 07	32 06	32 15	28 23	28 30	...	...	03 09	34 11	33 11	34 11	32 15	32 17	02 10	01 11	36 11	01 10	35 06	32 17	...	...	...	...	...
Chittagong	36 08	02 06	02 03	25 11	23 13	...	...	...	...	01 07	...	...	...	...	...	01 09	03 09	01 05	18 02	20 14	24 17	25 26	26 22	26 35	...	...
Cox's Bazar	36 11	02 06	02 03	25 08	...	...	...	...	...	36 15	01 03	20 24	20 09	23 17	24 17	34 05	27 02	27 02	21 10	23 13	24 15	25 31	24 48	23 58	...	...
Dacca	31 07	34 05	34 05	33 04	29 11	26 11	26 33	24 46	25 54	36 10	01 08	01 06	24 04	26 04	27 12	01 04	07 06	07 04	28 02	22 04	25 09	25 27	26 42	26 68	27 70	26 61
Dalbandin	...	...	35 07	24 17	24 11	31 14	28 41	30 65	30 93	...	...	09 07	15 06	27 05	28 15	...	...	...	12 06	18 09	19 10	23 07	27 30	20 45	20 84	20 79	77 38
D. I. Khan																										
Drosh	No	Ascent																		02 07						
Fort Sandeman	...	...	26 02	20 06	...	...	...	...	...	...	...	...	11 03	25 07	26 15	...	...	...	20 03	27 07	20 12	29 20	29 36	29 51	...	...
Jacobabad	01 03	07 02	07 03	18 04	21 15	25 15	...	...	...	34 08	33 03	13 03	19 06	27 11	32 18	10 03	15 03	18 03	26 04	30 09	31 09	29 26	28 24	...	...	...
Jiwani	34 09	34 12	34 10	33 07	28 13	26 13	...	...	...	36 10	36 18	02 13	31 06	27 05	29 11	01 06	03 11	02 12	32 04	26 08	31 02	27 24	25 28	26 64	...	...
Kalam										32 09	32 12	32 10	28 06	09 02	19 05	31 05	32 11	31 09	23 07	18 06	18 13	19 16	19 17	19 17	...	...
Jiwani	25 17	25 15	26 20	28 21	...	...	...	...	...	26 08	26 11	29 12	26 07	26 10	28 14	26 11	25 13	25 14	26 15	24 14	28 22	29 31	28 41	28 51	...	...
Karachi	19 04	01 04	35 05	31 10	32 21	27 28	30 39	30 52	30 62	...	...	...	...	...	...	06 08	05 06	33 06	35 10	34 16	30 20	27 34	24 35	25 39	...	...
Khanpur	05 04	05 04	09 04	16 06	17 07	24 10	27 15	27 32	27 33	08 12	06 09	04 06	01 06	31 01	25 08	07 06	05 09	09 08	35 05	29 10	31 17	31 29	31 78	...	...	...
Lahore	33 08	30 28	30 28	32 08	34 08	35 08	31 06	33 11	33 11	32 04	32 06	33 06	31 08	32 08	28 03	36 04	35 02	33 05	31 13	27 07	32 07	...	...	...	...	...
Multan	...	...	...	...	...	...	...	...	...	36 04	35 04	33 06	25 06	24 07	...	26 01	32 02	30 03	25 09	25 10	29 11	27 14	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	23 15	26 15	31 13	30 62	30 66	...	...	...	...	23 10	27 07	29 20	...	...	...	...	22 13	21 09	27 20	...	...	...	...	...
Peshawar	...	28 08	34 18	35 19	02 13	04 10	...	...	...	...	28 12	28 09	05 06	10 06	...	...	31 12	31 12	35 10	04 09	13 17	...	...	...	...	...
Quetta	...	...	...	...	22 09	18 27	...	...	...	...	...	...	...	20 03	20 06	...	...	...	...	27 04	28 17	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval	21 03	23 03	01 02	05 02	09 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	34 10	34 04	03 08	22 06	46 06	28 10	27 23	25 23										
Karachi	05 11	04 10	34 11	32 15	30 18	31 21	30 42	30 53	30 63	30 99	80 07	80 36	30 29	...	...	...	...	...
Peshawar	...	28 09	28 19	31 11	02 31	06 42	25 09	31 10	31 19	28 29	26 39	28 49	28 47	...	...	...	...	...
Quetta	...																	

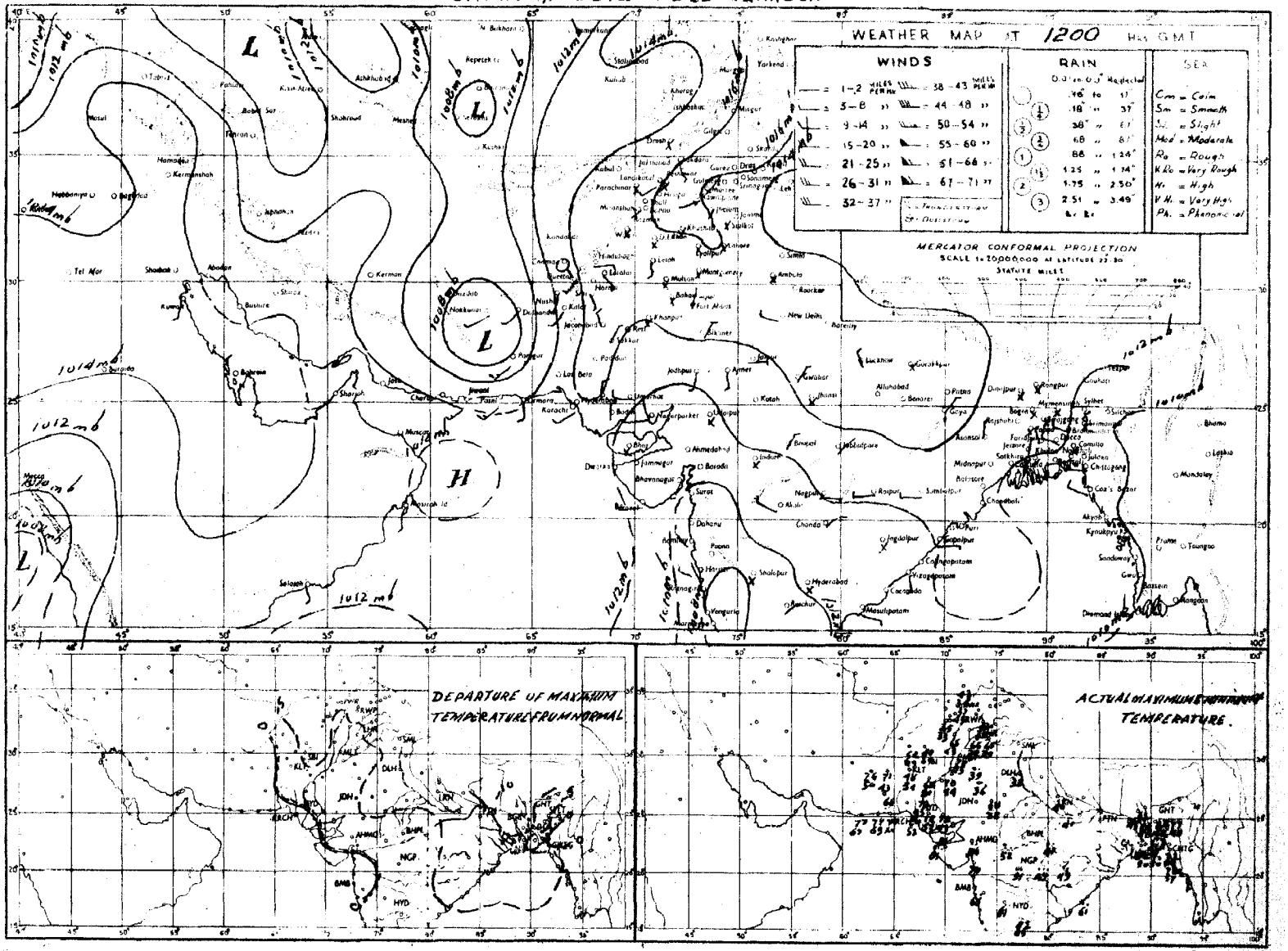
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather General, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

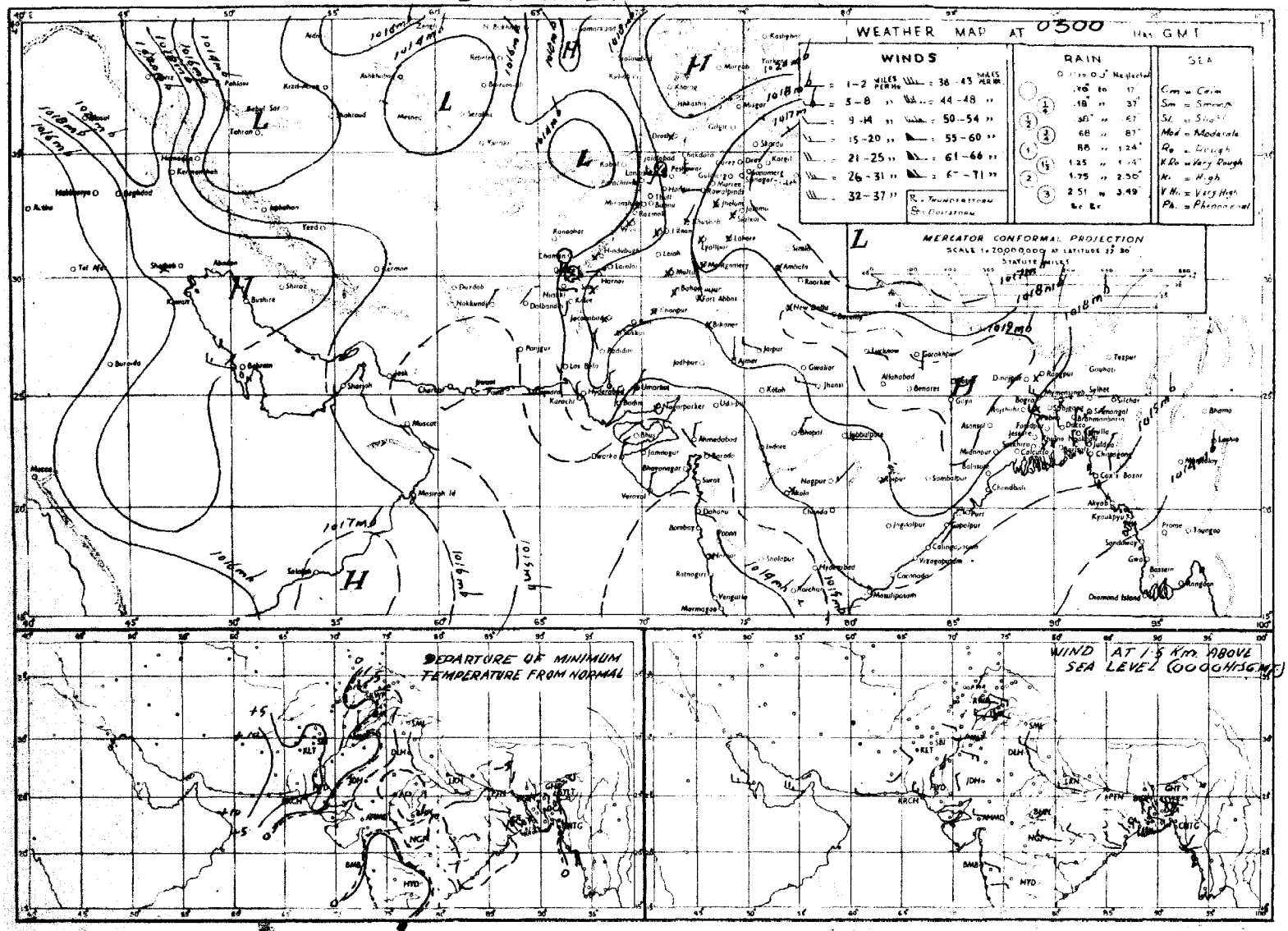
SATURDAY, 23rd DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY, 24th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

MONDAY THE 25th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance and its secondary both moved away northeastwards.

The other western disturbance over northeast Iran now lies north of Afghanistan with its associated trough extending to Quetta division.

They have caused local rain/thundershowers in Quetta division and scattered in Peshawar and Karachi divisions. Isolated light snowfall has also occurred in Rawalpindi division.

Chief amounts of rainfall are:- Harnai and Ormara ½" each and Hindubagh and Quetta ¼" each.

Night temperatures were 6-12°F above normal in Kalat, Quetta and Khairpur divisions, 2-5°F so elsewhere over West Pakistan and 3-8°F below normal in East Pakistan.

Forcast valid until the evening of 26th December, 1961:—Local rain/snow will fall in Quetta division and scattered in Peshawar, D. I. Khan, Rawalpindi divisions and in Kashmir. A few falls of light rain or drizzle may also occur in Lahore, Sargodha, Multan and Bahawalpur divisions.

Karachi-11
The 25th December, 1961

ZARIF AHMED
for Director, Meteorological Service.

OBSERVATIONS

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	9	36	02	xx	00	0	127	69	9	x	0	x	x	51	76
	Cox's Bazar	000	0	0	31	05	xx	02	0	118	69	0	0	9	0	0	62	76
	Chittagong	000	0	0	31	03	xx	00	0	124	77	0	0	9	0	0	59	77
	Maijdee Court	000	0	0	00	00	xx	10	0	135	66	0	0	9	0	0	57	75
	Comilla	000	0	0	00	00	xx	02	0	126	66	0	0	9	0	0	57	74
	Brahmanbaria	000	0	0	31	02	xx	00	0	130	61	0	0	9	0	0	59	74
	Sylhet	000	0	0	00	00	xx	00	0	125	66	0	0	9	0	0	55	76
	Srimangal	000	0	0	00	00	92	00	0	xxx	57	0	0	9	0	0	49	76
Dacca	Mymensingh	000	0	0	00	00	92	00	0	141	60	0	0	9	0	0	53	67
	Narayanganj	000	0	0	31	02	xx	10	0	135	61	0	0	9	0	0	57	70
	Dacca (Tezgaon)	000	0	0	31	07	96	02	0	133	57	0	0	9	0	0	54	66
	Faridpur	000	0	0	34	02	95	05	0	138	59	0	0	9	0	0	55	62
Khulna	Barisal	000	0	0	00	00	95	02	1	127	65	0	0	9	0	0	62	73
	Khulna	000	0	0	00	00	95	00	0	135	64	0	0	9	0	0	60	70
	Satkhira	000	0	0	00	00	97	00	0	134	65	0	0	9	0	0	52	72
	Jessore	000	0	0	36	02	97	00	0	143	63	0	0	9	0	0	55	71
Rajshahi	Pabna	000	0	0	00	00	xx	02	1	144	60	0	0	9	0	0	55	73
	Sirajganj	000	0	0	00	00	xx	00	0	139	56	0	0	9	0	0	55	62
	Bogra	000	0	0	31	02	xx	00	0	146	57	0	0	9	0	0	53	59
	Dinajpur	000	0	0	00	00	xx	00	0	147	59	0	0	9	0	0	51	66
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	02	1	161	63	4	0	9	7	0	47	66
	Sialkot	000	0	6	00	00	97	03	1	160	58	6	4	6	x	x	49	61
Rawalpindi	Jhelum	000	8	7	00	00	96	02	2	162	57	1	5	7	7	0	45	61
	Rawalpindi	000	0	6	27	02	98	02	2	164	55	0	0	9	x	x	43	58
	Campbellpur	000	0	7	05	02	97	02	2	170	56	0	0	9	0	0	43	60
Sargodha	Khushab	000	0	5	09	02	99	03	1	xxx	70	0	0	9	x	x	37	70
	Lyallpur	000	0	5	00	00	96	02	1	166	63	0	0	3	2	0	40	64
Multan	Montgomery	000	0	0	00	00	96	00	1	165	65	0	0	9	0	0	43	69
	Multan	000	0	0	00	00	96	02	0	154	65	0	0	9	0	0	45	70
	Leiah	000	0	0	09	02	97	00	0	140	64	0	0	9	0	0	36	71
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	152	66	0	0	9	0	1	41	71
	Bahawalpur	000	0	0	00	00	98	00	0	147	60	0	0	9	0	0	55	71
	Fort Abbas	000	0	0	00	00	98	00	0	153	65	0	0	9	0	0	45	67
Peshawar	Chakdara	000	0	7	13	02	96	03	0	163	53	7	0	9	0	0	38	53
	Peshawar	000	0	7	31	05	98	03	2	167	56	1	5	6	5	2	41	60
	Haripur	000	0	6	36	02	97	03	2	141	66	6	0	9	3	0	54	68
D. I. Khan	Bannu	000	0	3	00	00	99	01	2	138	62	0	0	9	0	4	54	63
	D. I. Khan	000	0	0	00	00	98	00	0	139	66	0	0	9	0	0	45	70
Quetta	Sibi	000	0	0	18	02	98	00	0	154	69	0	0	9	0	0	42	72
Kalat	Nokkundi	000	0	0	16	03	98	02	2	087	72	0	0	9	0	0	44	73
	Turbat	000	0	0	27	05	95	07	0	103	77	0	0	9	0	0	38	81
	Jiwani	000	0	6	23	10	98	02	1	129	76	2	1	6	0	5	56	78
	Pasni	000	0	8	16	05	97	03	1	132	73	6	4	7	4	0	63	75
Karachi Division	Ormara	049	5	8	09	02	96	03	6	127	70	8	7	4	3	1	67	72
	Lasbela																	
	Karachi (Manora)	000	0	5	27	10	98	03	2	129	75	0	0	9	3	0	66	81
	Karachi (Airport)	000	0	2	18	03	96	01	0	138	76	2	0	9	3	0	40	80
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	126	77	0	0	9	0	0	53	78
	Umerkot	000	0	4	xx	xx	98	02	0	125	76	0	0	8	0	8	46	78
	Hyderabad	000	0	3	36	02	97	03	0	147	71	0	0	8	0	1	44	75
	Badin	000	0	0	36	02	97	00	0	137	74	0	0	9	0	0	66	79
Khairpur	Padidan	000	0	8	05	05	97	03	1	147	69	0	0	9	0	7	36	71
	Nawabshah	000	0	6	00	00	96	03	0	146	71	0	0	9	0	6	41	73
	Sukkur	000	0	4	36	02	96	03	1	144	69	0	0	9	0	4	43	72
	Kashmore	000	0	0	00	00	99	00	0	150	65	0	0	9	0	0	21	73
	Jacobabad	000	0	2	13	02	97	02	0	181	70	0	0	9	0	0	42	73
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	0	00	00	97	02	2	505	39	5	0	9	2	2	31	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leh *																	
	Skardu **																	
	Misgar *	000	0	8	09	02	95	03	0	xxx	22	2	1	8	2	0	16	24
	Aliabad *																	
	Gilgit *	000	0	8	00	00	96	02	6	556	40	8	7	6	x	x	33	41
Rawalpindi	Murree *	000	9	8	11	09	97	03	2	494	37	8	5	5	x	x	24	41
Peshawar	Drosh *	000	8	8	00	00	95	03	2	513	41	8	5	5	x	x	32	44
	Cherat *	000	0	8	07	05	98	00	2	509	44	8	6	6	0	0	40	47
	Kakul *	000	8	7	36	02	97	01	2	497	48	7	4	6	0	0	37	49
	Landikotal *	000	0	7	23	02	97	01	2	487	43	7	7	5	x	x	41	50
	Parachinar *	000	0	6	11	08	97	03	1	507	42	6	0	8	0	1	26	50
D. I. Khan	Miranshah *	000	0	4	05	04	98	03	2	488	56	4	4	9	0	0	31	58
	Wana *	000	0	6	00	00	99	03	1	517	50	6	2	9	0	0	31	53
Quetta	Fort Sandeman *	000	0	5	36	01	99	03	0	492	55	5	0	8	3	0	32	57
	Hindubagh *	000	0	3	25	12	97	00	0	451	51	3	8	6	0	0	28	52
	Loralai *	000	0	0	13	03	99	01	0	383	50	0	0	9	0	0	37	55
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	3	00	00	96	02	0	472	54	3	1	5	0	0	33	56
	Chaman *	000	0	6	23	05	98	02	1	468	58	6	0	9	2	0	31	60
	Nushki *	000	0	2	23	08	98	01	0	496	65	2	0	9	4	0	46	69
	Dalbandin *	000	0	6	16	07	98	03	2	481	68	1	1	8	4	4	45	71
Kalat	Kalat *	000	4	0	20	03	98	03	2	458	49	x	x	8	x	x	31	53
	Panjgur *	000	0	0	23	10	98	03	1	486	65	5	7	6	0	0	44	66
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall†

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)† PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1961 to date	Annual Normals
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	5	5	36	02	97	03	4	160	62	5	2	5	0	0	57	52	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	1	02	05	97	02	0	147	65	1	5	5	0	0	59	56	— 3	— 1	0.9	— 3.2	156.7	140
	Chittagong	000	0	1	36	02	95	01	1	154	63	1	0	8	1	0	56	53	0	— 3	0.1	— 2.7	170.7	108
	Maijdee Court	000	0	9	34	02	93	47	4	167	54	9	x	x	x	x	51	50	— 4	— 8	0	— 1.8	122.6	113
	Comilla	000	0	0	00	00	95	02	0	155	54	0	0	9	0	0	53	50	— 2	— 3	0	— 1.6	76.9	94
	Brahmanbaria	000	0	2	31	03	97	00	4	166	59	2	0	9	3	0	56	49	—	—	1.3	0	65.4	78
	Sylhet	000	0	0	09	05	97	02	0	156	62	0	0	9	0	0	53	51	—	—	0.1	—	—	
	Srimangal	000	0	0	00	00	90	21	4	xxx	54	0	0	9	0	0	54	44	— 4	— 3	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	0	27	02	96	00	0	167	54	0	0	9	0	0	50	48	— 9	— 6	0.3	— 0.7	62.1	91
	Narayanganj	000	9	0	31	02	95	10	4	168	56	0	0	9	0	0	52	48	— 7	— 8	0.4	— 0.8	72.9	74
	Dacca (Tezgaon)	000	0	0	31	07	96	02	0	164	54	0	0	9	0	0	52	45			0	—	81.2	—
	Faridpur	000	0	0	34	03	93	44	4	170	53	0	0	9	0	0	51	46	— 13	— 7	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	00	03	97	03	4	173	55	0	0	9	0	0	53	49	— 4	— 6	0	— 1.8	65.4	81
	Khulna	000	0	0	05	03	97	00	0	171	59	0	0	9	0	0	54	50	— 7	— 4	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	174	52	0	0	9	0	0	50	47	— 7	— 4	0	— 1.9	54.3	65
	Jessore	000	0	0	31	03	97	00	0	174	54	0	0	9	0	0	52	44	— 5	— 9	0	— 1.1	59.0	65
Rajshahi	Pabna	000	0	0	31	09	96	02	0	175	53	0	0	9	0	0	50	47	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	97	00	0	172	55	0	0	9	0	0	51	46	— 13	— 7	0.7	— 0.1	50.0	64
	Bogra	000	0	0	31	03	96	02	0	170	51	0	0	9	0	0	49	46	— 16	— 7	0.3	— 0.2	53.6	69
	Dinajpur	000	0	0	05	03	97	00	0	171	59	0	0	9	0	0	54	50	— 8	+ 1	0.1	— 0.4	51.8	72
	Rangpur	000	0	0	36	02	96	01	4	167	54	0	0	9	0	0	50	45		— 4	0.2	— 0.3	60.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	3	00	00	94	10	0	211	44	2	0	9	1	1	42	41	— 5	+ 2	0.3	— 0.2	51.4	19
	Sialkot	000	0	0	00	00	96	00	0	217	48	0	0	9	0	0	46	42	— 6	+ 1	2.9	+ 2.3	37.9	32
Rawalpindi	Jhelum	000	9	4	00	00	96	03	1	214	43	0	0	9	0	6	40	39	—	—	1.1	—	35.9	
	Rawalpindi	000	0	6	27	02	98	03	0	228	41	0	0	9	0	8	40	40	— 7	+ 3	4.2	+ 3.0	54.4	36
	Campbellpur	000	0	2	05	02	98	01	1	232	44	0	0	9	0	0	39	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	7	00	00	99	00	0	217	48	0	0	9	0	0	41	45	0	+ 4	0	— 0.4	11.2	15
	Lyallpur	000	0	6	00	00	93	04	1	219	44	0	0	9	4	0	39	42	— 4	+ 2	0.1	— 0.2	14.0	12
Multan	Montgomery	000	0	7	00	00	96	05	0	215	47	7	0	5	2	0	43	42	— 1	+ 1	0.1	— 0.1	10.3	10
	Multan	000	0	7	00	00	95	01	5	218	53	2	7	5	2	0	47	48	+ 1	+ 7	0	— 0.3	7.5	7
	Leiah	000	0	8	13	02	96	03	2	213	48	0	3	9	0	0	33	37	—		0	—	10.6	8
Bahawalpur	Khanpur	000	0	7	05	05	96	02	2	204	53	3	6	6	4	0	45	46	— 2	+ 3	0	— 0.2	12.6	6
	Bahawalpur	000	0	7	00	00	97	04	0	200	50	7	0	6	2	0	48	44	— 2	+ 4	0	— 0.2	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	192	46	0	0	9	0	0	39	41		—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	212	42	0	0	9	0	0	35	39	—	—	2.4	—	27.8	—
	Peshawar	000	0	6	23	02	97	03	2	233	44	0	0	9	0	4	37	42	— 5	+ 3	1.4	+ 0.6	19.2	11
	Haripur	000	0	6	31	03	97	03	2	180	44	6	5	6	0	0	32	39	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	000	0	6	00	00	98	10	1	222	45	0	0	9	0	8	39	44	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	8	31	02	98	03	5	219	51	8	8	9	0	0	43	48	0	+ 9	0	— 0.3	7.7	9
Quetta	Sibi	005	3	6	00	00	97	03	2	207	53	0	0	7	4	0	49	46	—	—	0.1	—	5.7	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	185	55	0	0	9	0	0	45	51	—	—	0	—	1.0	2
	Turbat	000	0	0	09	02	98	00	0	166	60	0	0	9	0	0	51	xx	—	—	1.0	—	12.3	—
	Jiwani	000	0	0	05	03	97	02	1	161	65	0	0	9	0	0	53	63	—	—	0	—	3.8	5
	Pasni	000	0	0	07	09	97	00	0	162	66	0	0	9	0	0	64	66	— 2	+ 13	0	— 0.9	5.4	4
Karachi Division	Ormara	049	9	1	00	00	96	03	6	160	65	1	1	5	0	0	63	63	—	—	0.5	+ 0.2	10.4	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	05	12	96	03	2	166	63	0	0	9	4	0	52	60	+ 4	+ 2	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	2	05	02	96	01	2	181	60	2	0	9	3	0	55	55	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	176	59	0	0	9	0	0	42	xx	—	—	0	—	27.3	—
	Umerkot	000	0	8	34	01	97	02	0	173	49	8	7	7	0	0	37	48	—	—	0	—	18.1	—
	Hyderabad	000	0	3	02	02	97	01	1	185	59	3	0	7	3	0	45	59	— 2	+ 8	0	— 0.1	12.9	7
	Badin	000	0	4	36	02	97	01	0	175	54	0	0	9	0	1	46	52	0	+ 2	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	5	36	03	96	01	1	191	54	5	0	9	2	0	46	47	—	—	0	—	11.1	—
	Nawabshah	000	0	3	00	00	97	01	0	189	52	3	0	9	3	0	46	51	—	—	0	—	9.3	—
	Sukkur	000	9	7	02	03	96	00	0	198	56	7	0	9	9	0	43	51	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	191	45	0	0	9	0	0	29	34	—	—	0	—	1.8	—
	Jacobabad	000	0	7	36	02	96	02	5	198	59	3	5	7	5	0	42	56	0	+ 12	0.2	0	8.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	3	09	02	98	02	0	533	28	1	5	6	3	1	24	25	—	—	—	—	—	26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **	xxx	x	8	00	00	94	22	4	524	xx	2	6	6	5	5	xx	xx	—	—	—	—	—	26
	Leh *																							3
	Skardu **																							6
	Misgar *	000	0	7	25	02	96	14	0	xxx	15	3	3	8	2	0	08	10	—	—	—	—	—	—
	Aliabad *																							—
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	001	2	4	00	00	98	01	7	540	31	4	0	9	4	0	19	29	— 6	— 4	4.1	+ 2.0	73.3	59
Peshawar	Drosh *	014	9	7	09	03	96	01	5	550	36	7	5	5	0	0	33	34	— 5	+ 1	1.1	—	24.1	18
	Cherat *	000	0	0	31	07	98	00	0	526	39	0	0	9	0	0	37	35	— 5	— 6	2.2	+ 0.8	35.6	29
	Kakul *	004	6	4	36	02	98	01	6	529	39	2	5	7	0	1	35	38	—	—	5.1	—	41.4	—
	Landikotal *	000	0	6	00	00	97	03	1	509	33	0	0	9	0	9	32	32	—	—	2.1	—	15.2	—
	Parachinar *	000	0	0	00	00	99	00	1	537	29	0	0	9	0	0	28	30	— 2	0	0.8	—	30.0	29
D. I. Khan	Miranshah *	000	0	6	00	00	97	03	2	519	42	6	4	8	0	0	32	38	—	—	0.1	— 0.5	7.8	13
	Wana *	015	0	8	00	00	98	01	1	513	40	8	3	9	0	0	37	39	—	—	0.7	—	12.0	11
Quetta	Fort Sandeman *	000	0	8	07	01	97	03	0	535	42	8	5	6	x	0	35	37	— 4	+ 8	0.3	— 0.2	11.6	11
	Hindubagh *	020	0	6	27	02	96	00	0	489	35	6	8	6	0	0	27	22	—	—	0.5	—	6.3	—
	Loralai *	015	3	8	00	00	97	02	2	357	40	0	4	7	1	2	38	xx	—	—	0.1	—	5.7	9
	Harnai *	045	9	8	27	07	95	21	6	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.5	— 0.4	35.0	14
	Quetta *	037	5	0	00	00	96	00	6	530	40	0	0	9	0	0	33	29	+ 2	— 2	1.2	+ 0.2	7.5	9
	Chaman *	000	0	0	27	05	98	00	0	508	41	0	0	9	0	0	34	36	+ 6	+ 1	0.7	— 0.6	7.0	8
	Nushki *	000	0	0	05	05	98	02	0	558	54	0	0	9	0	0	39	51	—	—	0.1	—	3.9	—
	Dalbandin *	000	9	1	05	03	96	03	1	498	39	1	0	9	3	0	31	38	+ 8	+ 7	0.2	— 0.4	2.8	4
Kalat	Kalat *	003	8	0	18	02	98	02	2	505	38	x	x	8	x	x	31	36	+ 1	+ 10	0.2	— 0.7	13.1	7
	Panjgur *	000	0	0	05	02	98	02	0	502	44	0	0	9	0	0	37	43	+ 1	+ 6	0.2	—	5.2	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 25th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	OT,$T_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Consul	14 237	615 00	1 02 07	94 0 00	139 75	00 9 08	24 7 03	...	05 7 60	12 7 22
Vellecia	13 232	627 00	0 99 04	99 0 20	141 72	00 9 00	76 6 10	...	05 5 59	19 9 21
Dumra	13 244	669 00	6 08 12	98 0 31	141 70	60 5 50	85 4 00	...	05 4 66	10 8 22
Scrania	13 239	588 06	1 27 05	99 0 30	168 75	00 9 05	76 2 18	...	05 1 60	12 7 21
British Consul	13 247	626 06	4 24 09	99 0 20	167 76	12 7 02	24 2 25	...	05 1 63	12 4 21
British Con ul	13 247	637 12	5 10 02	99 0 21	146 73	32 6 01	24 5 03	...	05 4 63	10 0 03
Vellecia	13 245	596 12	3 28 15	99 0 30	132 77	11 5 44	76 6 15	...	00 3 50	12 8 23
Scrania	13 252	576 12	1 28 13	98 0 10	131 76	00 9 09	76 6 22	...	00 0 53	12 8 22
Dumra	13 248	657 18	4 20 09	98 0 11	157 70	45 7 00	65 4 00	...	05 8 60	12 0 22
British Consul	13 247	649 18	2 18 02	99 0 20	182 73	21 7 00	24 2 11	...	05 3 68	14 9 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
		PPPTTTT$_d$T$_d$T$_d$	HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	013 132 078	114 152 108	...	145 115 999	...	308 028 999	431 565 999	572 625 999	...	...	...	...	...
Dacca ...	00 00	008 172 135	124 222 152	...	147 172 035	...	308 015 999	xxx xxxxxx	571 625 999	738 752 999	939 908	206 055	386 135	434 162
Jiwani ...	00 00	012 182 162	153 190 999	...	150 115 115	...	310 025 999	435 555 999	575 658 999	740 745 998	954 868	225 015	408 108	...
Karachi ...	00 00	993 112 062	...	...	147 032 512	...	305 578 999	422 665 999	557 745 999	716 862 999	...	...	...	...
Lahore ...														
Multan ...	00 00	977 078 062	...	...	148 068 025	...	307 545 545	427 615 642	564 692 775	726 810 999	924 955	189 025	–	...
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached: PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE: st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	989 145 105	927 145 032	...	...	...	...	...	...	...	927 145 032	...	...
Dacca ...	00 00	900 152 068	800 072 512	...	...	...	...	...	...	...	800 072 512	...	...
Jiwani ...	00 00	...	...	...	...	...	...	...	...	...	408 108 999	...	...
Karachi ...	00 00	900 072 002	800 505 548	...	...	...	...	...	...	...	800 505 548	...	...
Lahore ...													
Multan ...	00 00	935 125 072	900 095 048	800 032 045	...	...	...	...	...	...	800 032 045	...	...
Peshawar ...	00 00	MISD	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													

PPP—Pressure in hundred tens and units of millibars.

TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of °C.)

Sc—Character of tropopause

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	32 04	13 03	10 04	06 05	13 01	...	...	...	...	21 11	07 04	11 08	09 10	09 12	...	06 04	08 05	08 08	09 13	07 12	08 09	...	...	...	...	...
Chaklala ...	...	30 08	05 03	34 03	16 16	15 19	...	...	...	35 01	06 02	01 02	27 01	25 09	...	...	21 02	32 05	09 02	20 20	26 09	27 07	28 15	...	...	...
Chhor ...	04 05	03 08	03 07	06 06	35 04	32 19	31 27	28 42	...	04 05	03 07	04 07	03 03	...	...	07 10	05 12	03 12	02 13	09 06	25 04	32 09	...	...	...	...
Chittagong ...	35 12	01 09	04 08	...	...	...	...	...	...	04 07	05 02	19 05	19 12	23 10	23 16	36 02	12 05	18 19	19 17	20 10	23 14	26 29	27 35	27 40	28 53	27 73
Cox's Bazar ...	35 07	03 04	03 05	21 09	22 11	...	...	...	...	01 06	18 02	22 09	20 15	22 12	25 15	20 02	19 05	21 09	20 05	22 19	23 16	27 30	27 33	27 40	...	...
Dacca ...	35 06	06 04	08 05	13 04	20 03	25 07	28 11	27 24	27 39	06 04	13 06	10 06	08 03	24 10	24 18	33 02	08 01	08 03	10 05	14 05	23 10	23 23	24 35	27 42	27 60	...
Dalbandin ...	...	...	16 12	18 13	22 09	20 11	23 16	26 32	27 38	...	...	24 01	33 06	32 12	33 21	...	...	07 08	04 08	03 13	35 10	32 19	32 20	31 24	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	03 02	01 07	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	03 04	01 04	...	...	...	...	...
Fort Sandeman ...	...	...	...	25 01	24 05	28 19	29 23	29 41	28 59	...	...	...	05 08	12 03	...	...	...	...	...	10 02	33 04	32 10	...	...	...	...
Jacobabad ...	14 02	15 03	22 03	22 05	27 08	29 17	28 29	28 30	...	36 05	01 05	06 04	14 07	24 09	...	10 09	13 07	15 05	20 06	25 15	31 10	30 13	31 21	31 29	30 33	...
Jessore ...	34 09	35 09	34 09	35 03	23 01	26 09	25 17	...	...	35 14	35 07	04 03	14 01	21 03	23 13	33 07	33 05	33 02	16 02	23 04	24 17	47 35	28 36	28 47	...	...
Jhelum ...	07 02	34 02	36 05	23 03	20 10	18 17	20 15	...	...	33 04	34 06	34 09	32 06	20 04	21 05	30 03	31 05	31 05	29 05	29 03	29 06	30 13	30 15	30 19	...	...
Jiwani ...	25 11	25 10	25 13	27 18	...	...	...	...	...	29 09	27 09	25 09	02 08	36 16	30 13	05 01	04 01	03 04	04 12	06 21	05 06	30 12	30 15	30 31	29 46	30 66
Karachi ...	21 04	21 04	32 02	36 04	33 05	36 19	28 27	29 31	28 49	05 12	09 09	10 08	04 08	36 10	31 12	33 14	29 21	29 27	...	...	...	...	...	...	...	...
Khanpur ...	01 02	35 01	35 01	09 02	22 05	33 05	32 12	32 15	30 56	06 12	08 10	09 10	12 06	13 02	28 02	04 00	05 15	07 17	11 08	17 05	20 05	...	...	...	...	...
Lahore ...	35 03	36 02	34 07	31 08	23 05	20 15	...	...	...	02 08	35 11	35 11	35 08	29 03	27 04	34 02	35 03	35 04	32 04	31 01	...	...	...	...	...	...
Multan ...	18 01	09 01	01 02	25 06	27 09	29 18	29 25	30 35	...	03 01	20 09	20 01	22 04	23 05	...	28 06	01 09	36 02	30 02	20 04	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 14	22 19	...	...	...	...	...	...	...	27 11	34 17	33 23	...	...	...	36 19	02 20	01 18	29 19	31 20	...	...	...
Peshawar ...	...	33 13	32 10	36 06	03 07	12 02	21 08	...	...	...	15 03	21 03	25 04	24 04	26 07	...	07 03	32 06	33 11	33 14	32 07	29 12	31 17	30 19	...	...
Quetta ...	...	...	...	...	29 01	...	...	...	...	...	...	...	...	29 01	29 07	...	...	...	...	30 04	30 13	31 15	32 30	32 68	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	07 03	11 03	09 06	10 07	09 05	...	...	...	...	08 13	08 13	09 12	09 11	12 11	24 13	09 05	09 09	18 08	12 10	18 06	23 17	24 29	26 45	xx xx	28 86	26 79
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	03 05	06 07	13 06	24 10	24 10	29 05	27 09	29 23	...	...	...	...	...	...	...	...	...	...
Karachi ...	04 05	34 08	35 09	35 12	35 15	32 14	29 15	30 34	28 52	27 76	28 02	...	...	...	...	...	...	...
Peshawar ...	..	02 10	02 04	08 04	03 06	35 12	34 13	30 19	30 22	29 25	29 29	...	...	...	...	...	...	...
Quetta ...																		

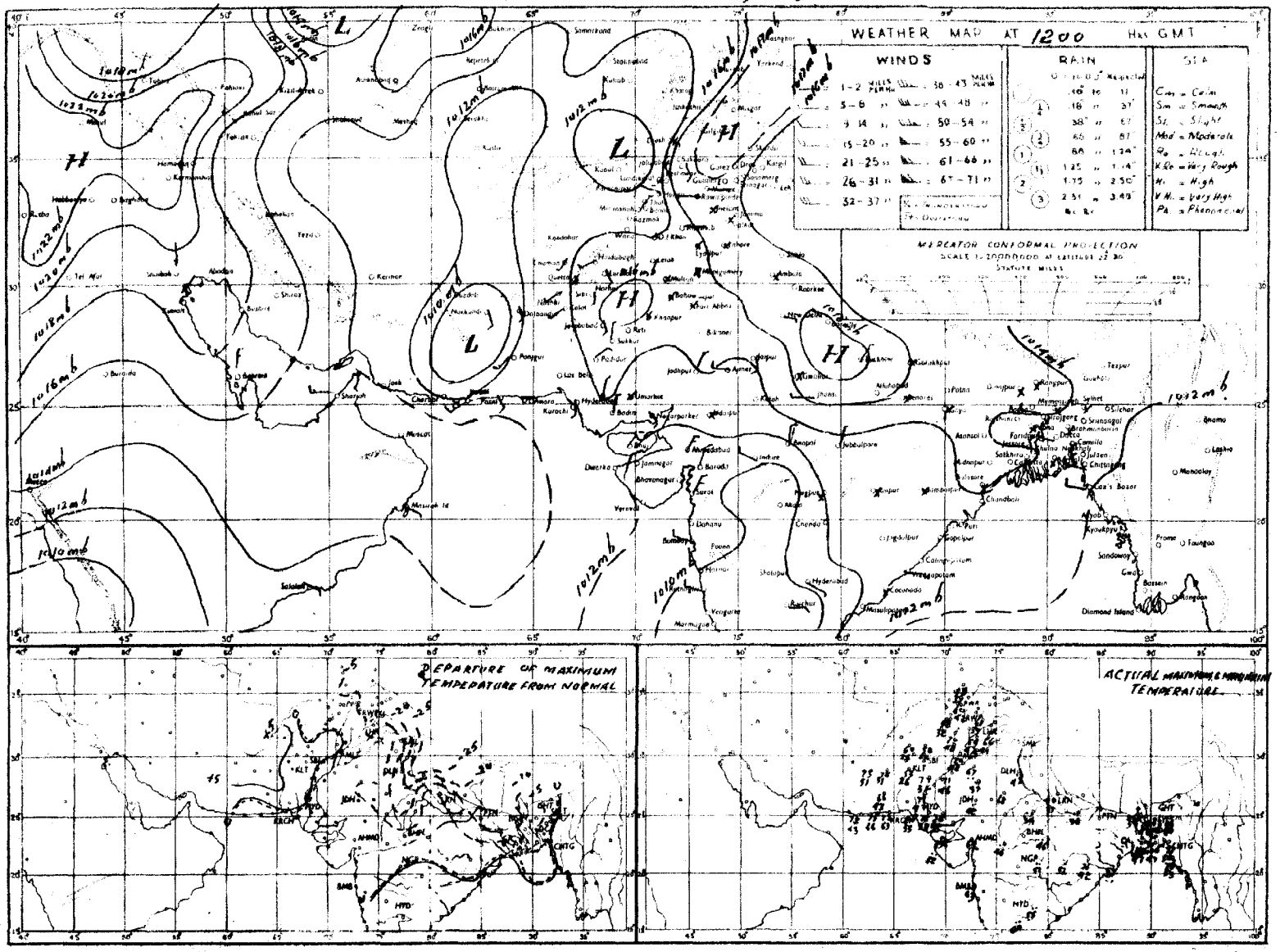
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

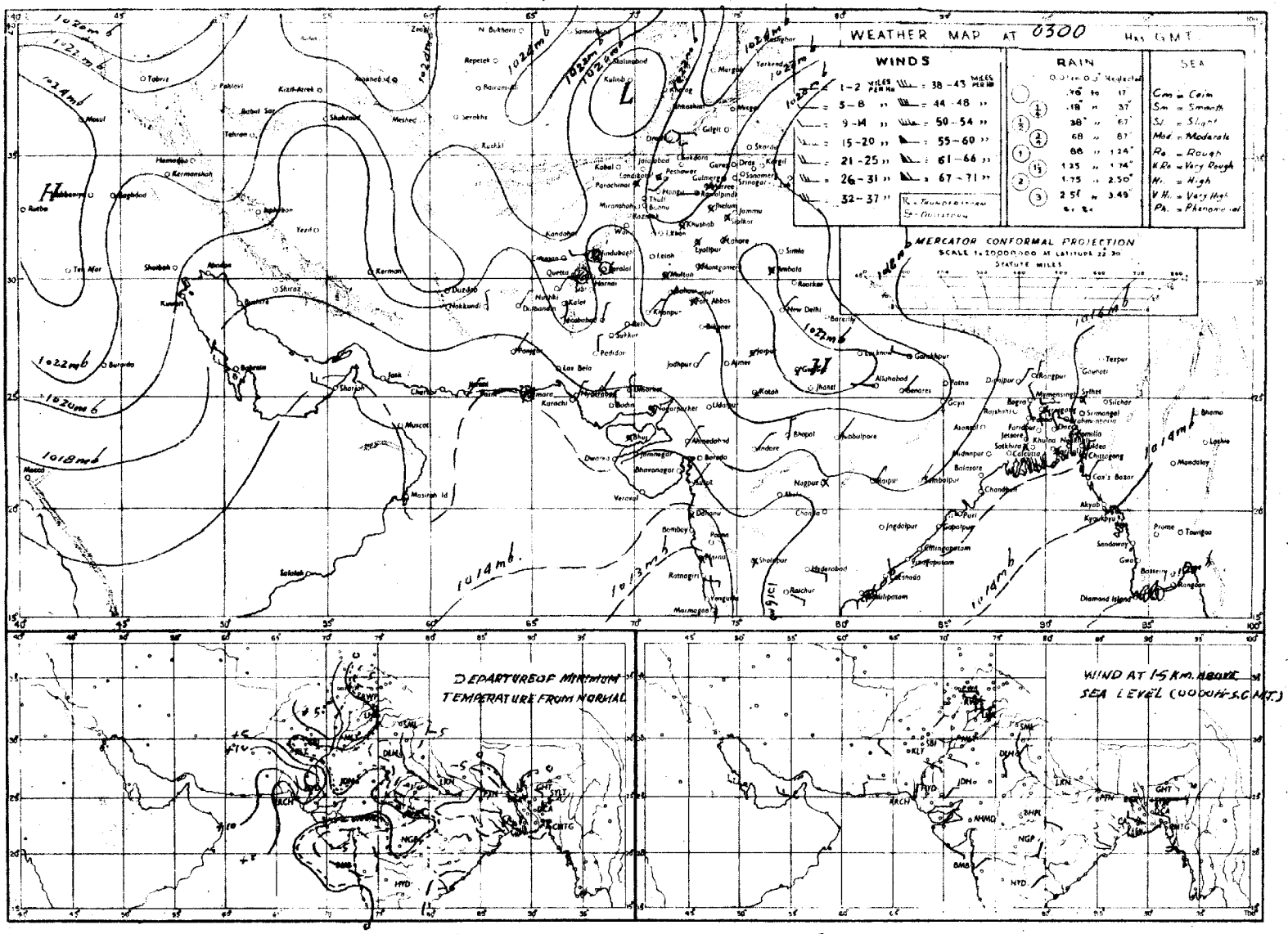
SUNDAY, 24th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY, 25th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

TUESDAY THE 26th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

The western disturbance north of Afghanistan moved away northeastwards.

Dry continental air prevails over the country.

Light rain/ drizzle has been reported from Quetta and Bahawalpur divisions.

Night temperatures were 2-5°F above normal in Quetta, Khairpur and Kalat divisions outside coast and 3·6°F below normal in East Pakistan outside Chittagong coast.

Forcast valid until the evening of 27th December, 1961:—Weather will remain dry over the country.

Karachi-11
The 26th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day																			At 0300 Hrs. G.M.T. of date																Departure from Normal of		Rainfall		
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amount of Low Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint Temperature °F	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st November 1961 to date	Departure from normal	Since 1st January, 1961 to date	Annual Normals
		RRR	Ww	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	7	9	xx	xx	xx	00	4	129	68	9	x	0	x	x	56	76	000	4	3	36	05	94	03	4	168	62	3	2	6	0	0	59	57			0.3		155.5	
	Cox's Bazar	000	0	0	36	09	xx	02	0	118	67	0	0	9	0	0	58	74	000	0	1	02	09	97	02	0	147	65	0	0	9	0	0	54	56	— 5	0	0.9	— 2.2	186.7	140
	Chittagong	000	9	0	31	03	xx	00	0	120	68	0	0	9	0	0	58	77	000	9	0	36	02	97	01	0	162	61	0	0	9	0	0	54	54	0	1	0.1	— 2.7	170.7	108
	Maijdee Court	000	9	0	10	02	xx	10	0	128	66	0	0	9	0	0	55	74	000	9	0	00	00	98	00	4	163	59	0	0	9	0	0	54	51	— 4	— 6	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	96	02	0	114	65	0	0	9	0	0	58	76	000	0	0	00	00	97	02	0	161	56	0	0	9	0	0	54	49	0	— 4	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	00	00	xx	06	0	134	67	0	0	9	0	0	56	74	000	3	0	31	02	96	00	4	162	57	0	0	9	0	0	54	54	— 0	— 4	1.3	0	65.4	78
	Sylhet	000	0	0	00	00	xx	02	0	127	68	0	0	9	0	0	54	78	000	0	0	09	09	96	02	0	156	62	0	0	9	0	0	53	49	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	93	00	0	xxx	62	0	0	0	0	0	53	78	000	0	0	00	00	93	00	0	xxx	61	0	0	9	0	0	55	42	— 2	— 5	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	132	67	0	0	9	0	0	53	75	000	2	0	00	00	93	46	4	174	52	0	0	9	0	0	52	49	— 1	— 4	0.3	— 0.7	62.1	91
	Narayangani	000	9	0	00	00	xx	05	4	129	66	0	0	9	0	0	56	75	000	9	0	00	09	95	10	4	168	57	0	0	9	0	0	52	50	— 2	— 5	0.4	— 0.8	73.0	74
	Dacca (Tejgaon)	000	0	0	27	07	97	02	0	127	62	0	0	9	0	0	55	73	000	0	0	36	05	96	00	0	163	55	0	0	9	0	0	52	52	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	94	10	0	131	67	0	0	9	0	0	59	74	000	0	0	34	03	94	65	0	171	55	0	0	9	0	0	51	47	— 1	— 5	0	— 1.2	87.9	71
Khulna	Barisal	000	0	0	00	00	94	02	1	132	68	0	0	9	0	0	56	73	000	0	0	27	02	97	02	1	173	58	0	0	9	0	0	52	50	— 4	— 4	0	— 1.8	68.4	81
	Khulna	000	0	0	00	00	xx	00	0	139	65	0	0	9	0	0	60	72	000	0	0	00	00	97	00	0	170	58	0	0	9	0	0	53	50	— 5	— 3	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	139	70	0	0	9	0	0	66	72	000	0	0	00	00	97	00	0	175	54	0	0	9	0	0	59	46	— 7	— 5	0	— 1.9	54.3	65
	Jessore	000	0	0	36	02	97	00	0	143	69	0	0	9	0	0	55	70	000	0	0	31	05	97	00	0	174	54	0	0	9	0	0	50	45	— 6	— 7	0	— 1.1	59.0	68
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	133	62	0	0	9	0	0	54	72	000	0	0	31	05	93	10	4	175	54	0	0	9	0	0	49	52			0.1		50.5	39
	Sirajganj	000	0	0	00	00	xx	00	0	128	66	0	0	9	0	0	55	73	000	0	0	31	02	95	10	4	167	54	0	0	9	0	0	50	50	— 2	— 2	0.7	— 0.1	50.0	64
	Bogra	000	0	0	00	00	xx	02	0	131	63	0	0	9	0	0	57	73	000	0	0	31	02	96	02	0	165	53	0	0	9	0	0	50	47	— 2	— 6	0.3	— 0.6	53.6	59
	Dinajpur	000	0	0	00	00	xx	00	0	136	63	0	0	9	0	0	52	74	000	0	9	00	00	92	49	4	179	47	9	x	0	x	x	46	44	0	— 5	0.1	— 0.3	51.8	72
	Rangpur	000	0	0	00	00	xx	01	0	140	63	0	0	9	0	0	54	74	000	7	0	05	02	93	42	4	171	48	0	0	9	0	0	47	45	— 1	— 4	0.2	— 0.3	60.4	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	9	1	00	00	95	05	4	134	61	1	0	9	1	0	49	64	000	0	0	00	00	94	10	4	210	41	0	0	9	0	0	35	40	— 7	— 1	0.3	— 0.2	51.4	19
	Sialkot	000	0	0	00	00	97	00	0	186	59	0	0	9	0	0	49	63	000	0	0	00	00	94	10	4	202	47	0	0	9	0	0	43	36	— 4	— 5	2.9	+ 2.3	37.9	32
Rawalpindi	Jhelum	000	8	0	00	00	97	01	1	187	61	0	0	9	0	0	45	67	000	0	0	31	02	97	02	0	204	42	0	0	9	0	0	35	38			1.1		35.9	
	Rawalpindi	000	1	2	27	02	99	00	0	186	61	1	0	8	0	0	41	62	000	0	0	00	00	97	10	0	221	38	0	0	9	0	0	37	35	— 3	— 2	4.2	+ 3.0	54.4	36
	Campbellpur	000	0	0	05	01	98	00	0	192	62	0	0	0	0	0	38	64	000	0	0	00	00	98	00	0	xxx	xx						34	xx			0.8		17.6	
Sargodha	Khushab	000	0	0	00	00	99	00	0	170	67	0	0	9	0	0	44	69	000	0	0	00	00	99	00	0	217	39	0	0	9	0	0	37	38	— 1	— 2	0	— 0.4	11.2	15
	Lyallpur	000	0	5	00	00	96	02	2	200	62	0	0	9	3	0	55	62	000	0	0	00	00	94	05	4	209	38	0	0	9	0	0	40	40	— 6	— 0	0.1	— 0.2	14.0	12
Multan	Montgomery	000	0	3	00	00	96	02	3	194	62	3	4	6	2	0	47	66	000	0	0	23	02	96	01	0	206	48	0	0	9	0	0	39	41	— 4	— 0	0.1	— 0.1	10.3	10
	Multan	000	0	4	00	00	98	01	1	198	61	2	4	6	0	0	47	69	000	0	4	00	00	97	01	0	205	46	0	0	9	0	0	41	44	0	+ 3	0	— 0.3	7.5	7
	Leiah	000	0	5	36	03	96	01	2	206	64	0	2	7	0	0	43	71	000	0	0	36	02	97	00	0	201	47	0	0	9	0	0	40	37			0		5.8	6
Bahawalpur	Khanpur	000	0	4	05	07	96	01	2	195	64	4	0	0	3	0	45	67	000	0	0	00	00	95	05	4	216	43	0	0	9	0	0	40	40	— 6	— 1	0	— 0.2	12.6	6
	Bahawalpur	000	9	2	36	01	97	01	5	189	60	0	0	0	0	0	53	61	000	0	6	05	02	98	00	0	201	47	0	0	9	0	2	45	41	— 12	— 0	0	— 0.2	4.2	6
	Fore Abbas	000	0	0	36	02	98	00	0	199	64	0	0	0	0	0	45	65	000	0	0	00	00	98	00	0	226	42	0	0	9	0	0	41	41			0		3.1	6
Peshawar	Chakdara	000	0	0	18	01	97	00	0	164	57	1	0	9	0	0	38	58	000	0	0	36	02	97	00	0	218	39	0	0	9	0	0	34	35			2.4		27.8	
	Peshawar	000	0	0	36	05	98	02	1	201	60	7	1	9	0	0	38	66	000	0	0	36	02	96	04	0	225	37	0	0	9	0	0	32	36	+ 1	— 4	1.4	+ 0.5	19.2	11
	Haripur	000	6	7	31	03	96	03	2	145	65	0	0	9	6	0	55	67	000	7	7	23	05	97	03	2	189	45	7	6	6	0	0	36	39			2.1		3.1	
D. I. Khan	Bannu	000	0	0	00	00	99	00	1	192	62	0	0	9	0	0	43	63	000	0	0	00	00	99	00	0	220	42	0	0	9	0	0	33	42			0.5		14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	209	64	0	0	9	0	0	47	67	000	0	0	00	00	98	00	0	216	43	0	0	9	0	0	33	40	— 3	— 1	0	— 0.3	7.7	9
Quetta	Sibi	000	0	0	18	03	98	00	0	189	69	0	0	9	0	0	46	72	000	0	0	00	00	97	00	0	220	46	0	0	9	0	0	44	44			0.8		5.7	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	154	70	0	0	9	0	0	31	74	000	0	0	36	03	98	02	0	226	44	0	0	9	0	0	29	43			0		1.0	2
	Turbat	000	0	0	23	02	98	00	0	147	87	0	0	9	0	0	43	83	000	0	0	09	02	98	00	0	181	61	0	0	9	0	0	54	51			1.0		12.3	3
	Jiwani	000	6	1	13	09	98	03	0	154	74	0	0	9	3	3	59	80	000	0	3	05	03	97	03	0	177	65	1	1	6	0	0	59	63			0.7		3.8	6
	Pasni	000	6	6	11	09	97	03	1	156	73	0	0	9	3	3	63	76	000	3	4	29	03	97	03	1	181	64	2	2	7	4	0	61	63	— 1	+ 9	0	— 0.9	3.9	6
Karachi Division	Ormara	000	0	3	13	04	96	03	1	157	72	3	1	5	0	1	66	73	000	0	2	00	00	96	03	1	180	65	2	2	5	0	0	60	60			0.5	+ 0.2	10.4	6
	Lasbela																		000	0	4	00	00	96	30	3	203	56	0	0	9	0	0	47	52			0			6
	Karachi (Manora)	000	0	6	09	10	98	03	2	142	77	0	0	9	0	1	66	82	000	0	0	00	00	96	02	0	192	61	0	0	9	0	0	42	56	+ 5	— 2	0	— 0.2	9.9	6
	Karachi (Airport)	000	0	4	05	09	96	03	0	151	77	0	0	9	0	1	38	79	000	0	0	02	03	96	02	0	192	63	0	0	9	0	0	42	56			0.4		24.7	6
Hyderabad	Nagarparkar	000	0	0	09	02	97	00	0	143	75	0	0	9	0	0	54	78	000	0	0	00	00	97	00	0	185	59	0	0	9	0	0	57	xx			0		27.3	6
	Umerkot	000	0	0	36	01	98	02	0	156	77	0	0	0	0	0	46	79	000	0	0	00	01	97	02	0	189	45	0	0	9	0	0	34	43			0		16.1	7
	Hyderabad	000	0	1	36	03	97	03	0	169	73	0	0	0	0	0	41	77	000	0	0	36	03	97	02	0	206	54	0	0	9	0	0	42	53	— 0	+ 2	0	— 0.1	12.9	7
	Badin	000	0	0	36	03	97	00	0	164	76	0	0	0	0	0	40	81	000	0	0	36	02	97	00	0	196	52	0	0	9	0	0	42	49	+ 2	— 0	0	— 0.2	14.8	9
Khairpur	Padidan	000	0	0	36	07	97	02	1	172	69	0	0	9	0	0	33	72	000	0	1	29	02	96	01	1	218	46	1	0	9	1	0	44	45			0		11.1	
	Nawabshah	000	0	0	31	03	97	03	0	171	73	0	0	9	0	0	39	74	000	0	0	00	00	96	01	2	217	49	0	0	9	0	0	42	47			0		9.3	
	Sukkur	000	6	0	02	03	96	02	1	176	69	0	0	9	0	0	40	71	000	0	0	16	05	96	00	0	208	53	0	0	9	0	0	45	49			0		3.2	
	Kashmore	000	0	0	00	00	99	00	0	178	63	0	0	9	0	0	21	73	000	0	0	00	00	99	00	0	183	55	0	0	9	0	0	45	49			0		3.4	
	Jacobabad	000	0	0	05	03	97	02	1	186	71	0	0	9	0	0	34	73	000	0	0	31	02	97	02	0	217	49	0	0	9	0	0	40	48	0	+ 4	0.2	— 0.1	8.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																							
	Kuwait																																							
Kashmir	HILL STATIONS																																							
	Srinagar *	xxx	x	1	00	00	97	01	0	536	42	0	0	9	2	7	xx	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
	Gulmarg *																																								26
	Sonamarg *																																							73
	Dras *																																							36
	Leh *																																							3
	Skardu *																																							4
	Mingar *																																							5
	Aliabad *																																							6
	Gilgit *																																							6
Rawalpindi	Murree	000	9	2	31	02	98	01	1	528	36	2	5	5	0	0	31	43	000	0	0	07	09	98	09	1	525	39	0	0	9	0	0	27	29	— 4	— 4	4.1	+ 1.9	73.3	89
Peshawar	Drosh	000	8	1	13	05	96	01	2	545	42	1	1	6	0	0	28	49	000	0	0	13	03	96	02	0	573	32	0	0	9	0	0	21	31	0	0	1.1		24.1	16
	Chitral	000	0	0	05	09	98	00	0	539	47	1	0	9	0	0	41	51	000	0	0	05	07	98	00	0	529	44	0	0	9	0	0	32	38	— 1	— 2	2.2	+ 0.7	35.6	29
	Kakul	000	0	1	18	05	99	01	1	528	47	1	0	4	6	0	36	56	000	0	0	31	05	98	00	0	526	39	0	0	9	0	0	32	37	—	—	5.1		41.4	
	Landikotal	000	0	0	23	03	99	02	1	526	50	0	0	9	0	0	34	50	000	0	0	23	02	98	00	0	523	43	0	0	9	0	0	27	32	—	—	2.1		15.2	
	Parachinar	000	0	4	11	04	98	00	0	549	49	1	0	9	0	2	15	50	000	0	0	00	00	99	00	0	532	28	0	0	9	0	0	21	28	— 2	— 1	0.8		30.0	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	424	56	0	0	0	0	0	31	58	000	0	0	00	00	99	00	0	512	37	0	0	9	0	0	29	34			0.1	— 0.5	7.8	12
	Wana	000	0	5	00	00	99	04	1	513	49	5	2	9	0	0	41	53	000	0	0	00	00	90	60	0	509	35	0	0	9	0	0	25	30			0.7		12.0	11
Quetta	Fort Sandeman	000	0	1	34	01	99	01	1	532	49	1	1	6	0	0	34	51	000	0	0	00	00	98	02	0	542	31	0	0	9	0	0	27	31	— 10	+ 2	0.3	— 0.3	11.6	11
	Hindubagh	000	0	4	09	03	97	00	0	450	49	1	4	8	0	0	34	49	000	0	0	27	03	97	00	0	533	32	0	0	9	0	0	21	21			0.5		6.3	
	Loralai	000	0	5	09	98	02	2	351	48	0	4	6	8	0	0	41	58	000	0	4	29	02	99	02	1	339	33	0	0	9	0	0	33	31			0.1		5.7	
	Harnai	000	0	8	09	01	96	21	2	xxx	xx	x	x	x	x	x	xx	xx	000	0	0	27	02	96	00	0	xxx	xx						xx	xx			0.5	— 0.4	35.0	9
	Quetta	000	0	2	00	00	96	02	0	521	54	3	2	7	0	0	xx	56	000	0	0	00	00	95	00	0	513	40	0	0	9	0	0	21	29	+ 2	— 1	1.2	— 0.7	7.5	9
	Chaman	000	9	3	27	05	98	01	1	510	55	3	2	7	9	0	35	57	000	0	0	09	05	98	00	0	512	40	0	0	9	0	0	32	35	+ 3	+ 1	0.7	+ 0.7	7.0	9
	Nushki	000	0	0	05	02	98	02	1	551	64	1	0	7	9	0	40	66	000	0	0	09	04	98	02	1	556	50	0	0	9	0	0	37	47	+ 5	+ 5	0.1		8.9	9
	Dalbandin	000	8	5	05	07	97	03	1	528	65	1	1	8	0	0	39	68	000	9	0	00	00	96	02	1	510	37	0	0	9	0	0	32	37	+ 5	+ 5	0.2	— 0.5	2.8	4
Kalat	Kalat	000	0	0	34	02	96	00	0	499	47	0	0	9	0	0	25	51	000	0	0	18	05	98	00	0	520	32	0	0	9	0	0	32	29	+ 1	+ 3	0.2	— 0.8	12.1	7
	Panjgur	000	0	7	36	03	98	02	0	577	65	0	0	9	0	7	33	67	000	0	0	05	02	98	02	0	509	40	0	0	9	0	0	30	39	+ 2	+ 2	0.2	— 0.5	5.2	6
Afghanistan	Kabul																																							12
	Kandhar																																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.

Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 26th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_lhC_mC_H$	D_aV_a a PP	8 $N_sC_hh_sh_s$	OT$_a$T$_s$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Calcos the Hague	...	23 329	605 06	3 25 05	99 0 11	173 76	32 4 00	...		05 1 63	12 5 20
Calcos Macria	...	23 171	545 06	7 03 04	98 0 31	187 76	31 4 05	56 1 14	...	05 1 61	10 3 20
Past Invercargell	...	23 112	523 06	2 01 11	99 0 20	160 78	21 4 00	36 0 05	...	00 0 67	10 1 21
Calcav Hdra	...	23 163	539 12	1 09 06	99 0 11	150 77	11 4 80	56 6 14	...	01 1 61	10 9 21
Past Invercargell	...	23 097	533 12	4 06 15	99 0 20	125 78	11 4 00	36 6 23	...	05 3 71	10 6 21
Silverdare	...	23 214	670 18	0 06 09	98 0 20	158 75	00 9 00	24 2 02	...	05 5 56	10 6 22
Marockerk	...	23 252	549 18	0 34 01	98 0 20	162 72	00 9 00	65 2 01	...	05 1 59	10 0 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900$_{mb}$	850$_{mb}$	800$_{mb}$ HHHTTTT$_d$T$_d$T$_d$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$ HHHTTT	150$_{mb}$	100$_{mb}$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00													
Jiwani ...	00 50	907 032 105		...	140 115 992	...	307 055 998	...	...	...	...	...	...	...
Karachi ...	01 50	012 148 055	140 195 168	...	146 088 035	...	309 528 585	429 602 652	568 638 992	734 755 998	937 892	205 068	...	...
Lahore ...	00 00	993 142 062	150 148 025	...	147 112 565	...	311 012 578	433 532 998	575 592 998	746 765 995	958 762	247 898	437 898	...
Multan ...			154xxx xxx	...	148 095 512	...	309 535 992	429 620 990	565 748 995	724 860 990	918 980	...	...	...
Peshawar ...	00 00	948 078 505	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	834 002 555	...	...	150 119 012	...	312 015 612	435 562 745	5xx 655 993	738 765 995	942 890	...	...	...
		...	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	905 092 012									905 092 012		
Jiwani ...	00 50	900 128 102	800 052 002	...	...	...	...	...	...	...	800 052 002	...	...
Karachi ...	01 50	900 128 522	800 078 505	...	...	...	...	...	...	...	803 078 505	...	...
Lahore ...	00 00	900 125 002	800 068 512	...	...	...	...	...	...	...	800 068 512	...	...
Multan ...				...	...	...	...	...	...	...		...	...
Peshawar ...	00 00	935 152 038	900 140 030	...	...	...	...	...	...	...		...	...
Quetta ...	00 00	...	...	800 078 525	...	...	...	...	...	...	800 078 525 MISDA	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numberswhen temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	02 04	05 03								02 05	02 11	05 05	07 05	04 10	26 03	08 09	10 07	06 05	08 09	07 11	36 04	26 27				
Chalduk ...		28 13	30 11	02 03	06 03	07 03	31 09	33 11	32 16		29 03	32 03	12 01	08 01	30 26		25 03	19 02	19 02	17 06	15 03	28 10	31 01	27 12	...	...
Chhor ...	02 06	02 46	02 04	34 04	32 04	31 15	29 20	29 29	29 37	07 18	28 15	03 10	01 13			05 13	04 17	03 15	07 11	05 13	06 06	25 04	28 17	28 24	...	...
Chitagong ...	35 08	22 02	30 07	18 14	20 10	24 16	...	...	...	01 16	02 07	14 06	19 06	22 15	26 25	03 06	15 05	15 06	21 08	23 14	24 22	25 32	25 42	25 54	...	...
Cox's Bazar ...	34 10	30 06	23 11	23 08	25 09	...	...	...	...	35 17	15 11	12 07	24 13	23 14	25 19	35 09	16 09	16 08	21 09	21 11	24 15	25 27	25 33	25 43	...	...
Dacca ...	33 06	01 03	15 08	22 07	22 07	24 19	25 31	26 38	26 50	02 06	02 05	05 05	08 03	24 02	26 18	36 04	02 04	09 05	11 07	09 05	27 19	25 31	25 40	25 53	25 80	...
Daibandin ...	...	...	10 08	07 07	03 05	05 11	29 19	30 23	30 25	...	...	07 08	08 13	24 09	30 19	...	...	08 07	12 07	24 07	31 16	33 13	25 20	26 25	26 21	28 40
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	08 02	01 05	34 05	08 02	01 05	...	...	...	09 03	05 08	01 14	...	...	...	...	02 09	36 10	26 11	28 19	29 19	29 24	...
Fort Sandeman ...	...	...	36 02	08 02	29 04	32 10	31 29	31 36		...	...	29 03	24 01	35 05	28 07	...	...	...	...	33 03	30 04	29 10	29 20	29 13	29 28	...
Jacobabad ...	06 05	08 06	08 05	07 06	34 08	30 09	32 19	30 24	33 33	08 10	24 03	31 05	31 02	35 02	30 12	30 50	33 02	28 08	31 04	30 04	27 07	28 11	27 21	27 25	27 31	...
Jassore ...	32 07	33 09	34 08	27 06	28 07	27 12	...	...	...	02 20	03 11	04 10	35 06	31 05	26 18	36 07	01 07	03 09	03 04	03 05	33 10	25 26	26 36	...	...	...
Jhelam ...	31 03	30 05	31 05	23 09	31 04	08 03	30 10	32 12	32 13	31 04	32 07	32 10	02 06	08 04	30 11	31 06	33 09	32 05	11 01	11 02	12 06	21 05	27 09	29 11	29 20	30 27
Jwani ...	14 07	13 06	08 06	10 17	09 21	08 29	30 13	30 17	30 24	08 11	10 11	13 10	13 13	12 10	17 07	01 15	11 07	12 15	11 09	13 12	16 23					
Karachi ...	08 06	07 09	07 08	08 09	08 11	01 08	33 14	30 21	30 32							04 15	06 21	06 22	07 11	05 09	34 11	29 03	27 19	27 33	27 87	...
Khanpur ...	04 03	04 13	04 12	05 05	10 06	23 06	...	...	...	02 12	02 11	02 09	36 10	34 09	29 06	06 04	04 05	02 05	26 07	01 07	28 04	28 15	29 19	29 28	...	...
Lahore ...	34 03	35 03	34 09	34 04	34 04	34 07	29 13	28 17	29 23	33 19	32 10	33 10	34 07	36 06	30 09	34 08	33 11	30 08	31 06	25 03	19 03	30 08	30 13	30 15	29 29	29 42
Multan ...	02 46	02 08	03 07	35 05	27 05	...	...	...	...	02 07	02 07	01 05	03 05	34 06	03 09	35 04	33 06	34 04	04 02	02 06	09 06	28 10	31 13	29 20	...	...
Murree ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panigur ...	...	...	...	01 08	01 05	32 07	30 13	30 21	29 31	...	...	...	03 08	35 08	33 09	...	...	...	15 03	14 02	35 05	23 11	28 16	28 21	28 37	...
Peshawar ...	...	34 11	34 18	21 06	32 10	36 10	35 06	29 09	32 16	...	10 07	13 11	30 13	01 03	05 10	...	29 03	32 08	35 09	05 07	11 05	28 04	29 17	31 21	30 26	30 39
Quetta ...	...	...	...	...	21 01	26 07	...	...	...	...	...	...	...	21 01	24 06	...	...	...	...	21 07	27 09	...	...	...	...	...
Sharlak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 02	14 04	13 03	20 05	20 13	...	...	...	...	08 14	07 09	11 09	13 10	19 05	21 08	09 07	11 09	11 07	13 13	08 09	24 03	26 32	25 44	25 63	...	...
Veroval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	35 09	02 08	03 05	35 04	23 10	26 09												
Karachi ...	04 31	07 25	07 22	06 18	04 09	34 11	23 59	28 22	28 34	26 43	29 59	78 01	79 36	79 12	79 15	78 15	...	...
Peshawar ...	..	09 08	19 10	29 12	30 09	30 10	31 14	32 19	32 19	32 23	33 27	32 37	29 61	28 63	28 81	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

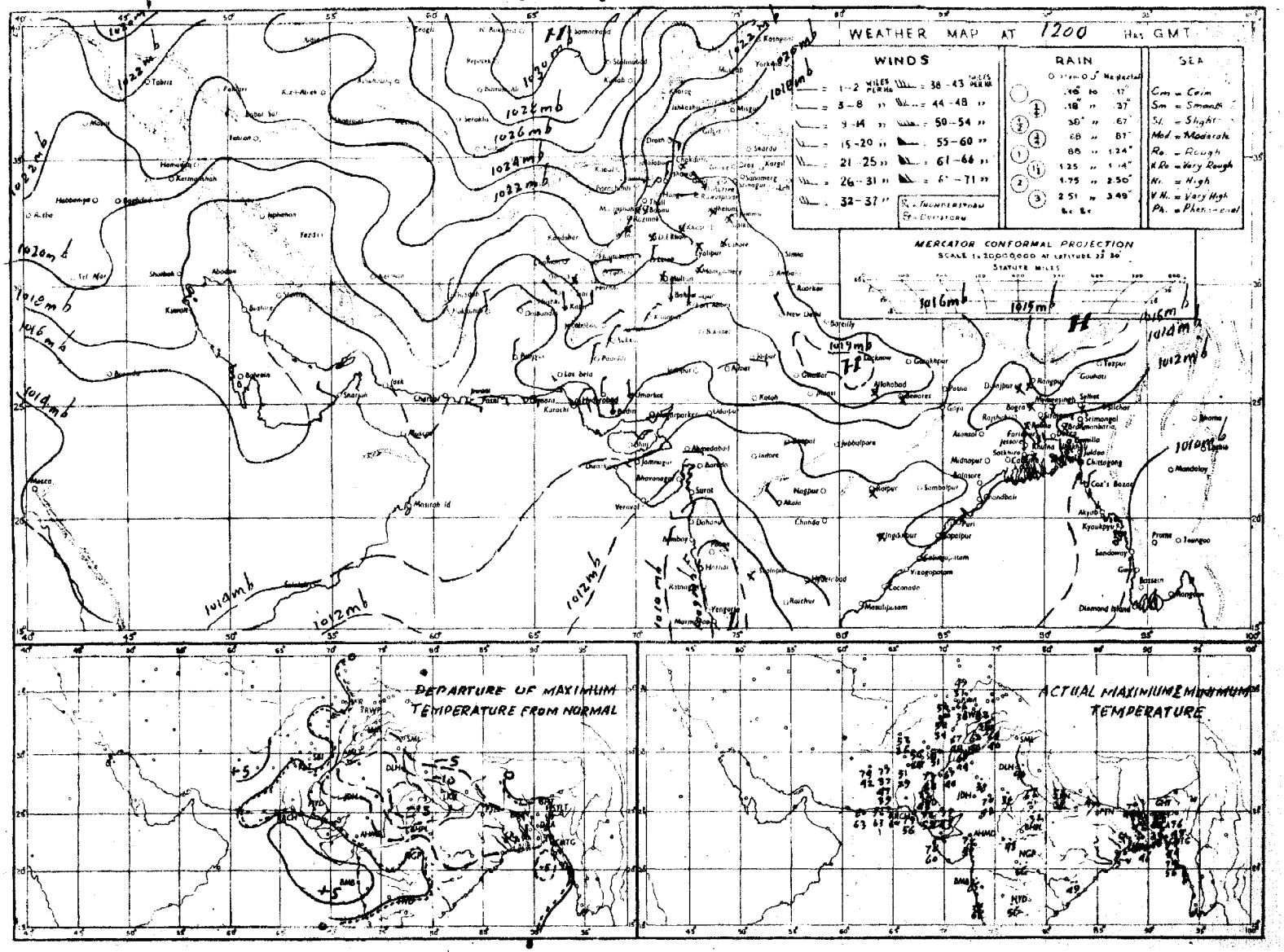
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 530 03 208

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather General, Air Fors, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

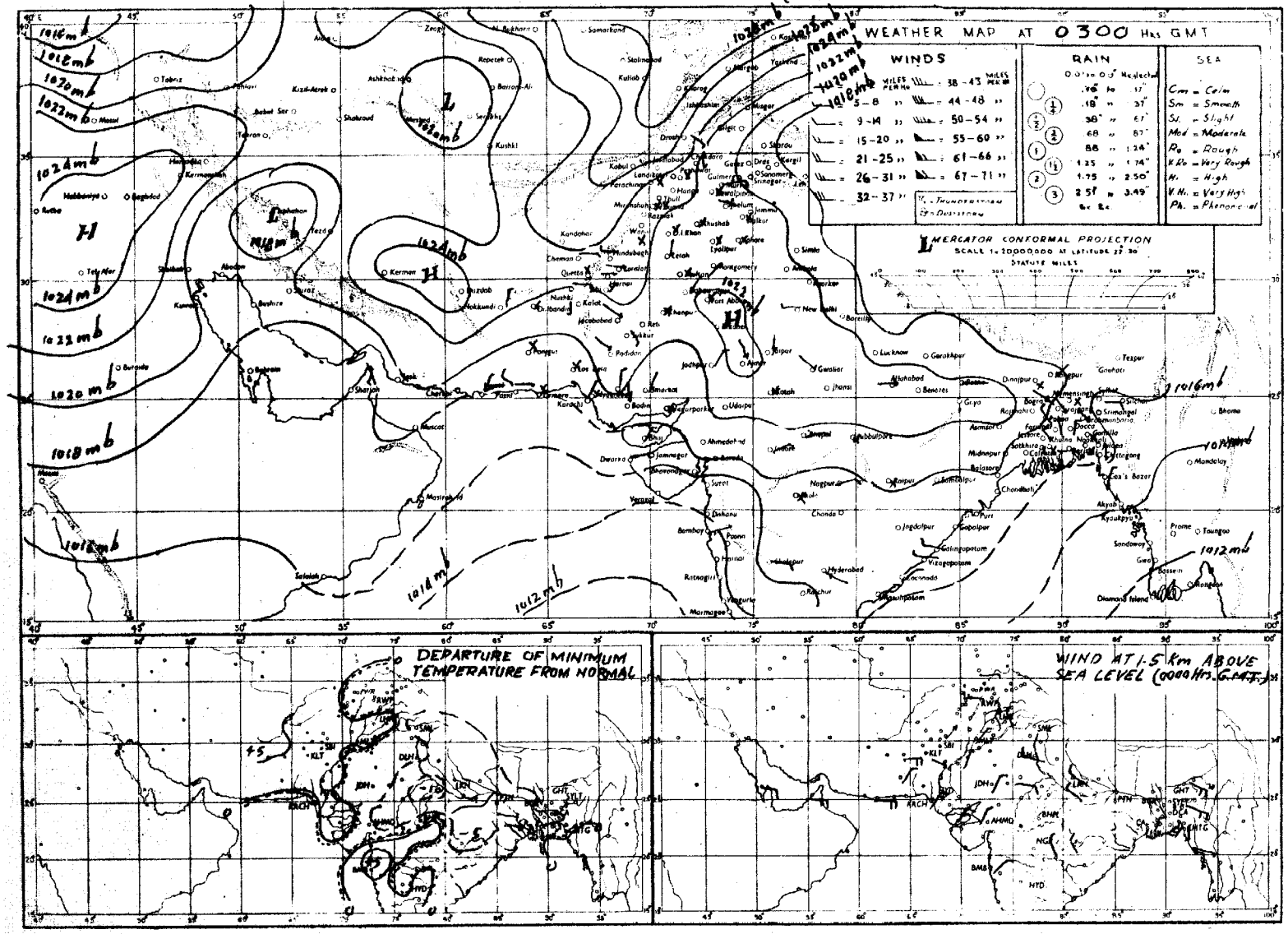
MONDAY 25th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 26th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

WEDNESDAY THE 27th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T

A western disturbance which moved through Russian Turkistan and adjoining Afghanistan last evening induced a secondary over southeast Iran and neighbourhood. The later now lies over Quetta division and adjoining areas.

A fresh western disturbance is moving across northeast Iran with its associated trough extending to Kalat division. Scattered thundershowers have been reported from Kalat division. Jiwani recorded ¼" of rainfall.

Day temperatures were 3-5°F below normal over East Pakistan outside Chittagong coast and 3-6°F above normal in Kalat division.

Forecast valid until the evening of 28th December, 1961:—Rain/thundershowers will be scattered in Quetta, Kalat, D. I. Khan and Peshawar divisions.

Karachi-11
The 27th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † vv	Present weather ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati ...	000	0	9	36	02	xx	00	0	126	71	9	x	0	x	x	63	79
	Cox's Bazar ...	000	0	0	34	05	xx	02	0	113	68	0	0	9	0	0	59	77
	Chittagong ...	000	0	0	31	03	xx	00	0	115	67	0	0	9	0	0	50	78
	Maijdee Court ...	000	9	0	27	02	xx	10	0	121	67	0	0	9	0	0	55	75
	Comilla ...	000	0	0	00	00	96	02	0	110	67	0	0	9	0	0	67	79
	Brahmanbaria ...	000	0	0	31	02	xx	00	0	124	67	0	0	9	0	0	57	76
	Sylhet ...	000	0	1	00	00	xx	02	0	118	69	1	5	6	0	0	54	80
	Srimangal ...	000	0	0	00	00	92	00	0	xxx	63	0	0	9	0	0	55	83
Dacca	Mymensingh ...	000	8	0	00	00	xx	00	4	127	69	0	0	9	0	0	59	75
	Narayanganj ...	000	9	0	00	00	xx	05	4	122	67	0	0	9	0	0	55	76
	Dacca (Tezgaon) ...	000	0	0	27	02	96	02	0	121	64	0	0	9	0	0	55	75
	Faridpur ...	000	0	0	34	02	94	05	0	133	67	0	0	9	0	0	53	70
Khulna	Barisal ...	000	0	0	00	00	94	02	[illegible]	124	72	0	0	9	0	0	67	74
	Khulna ...	000	0	0	00	00	xx	00	0	126	65	0	0	9	0	0	59	73
	Satkhira ...	000	0	0	00	00	97	00	0	129	68	0	0	9	0	0	51	73
	Jessore ...	000	0	0	36	02	97	00	0	140	65	0	0	9	0	0	56	71
Rajshahi	Pabna ...	000	0	0	00	00	xx	02	0	134	63	0	0	9	0	0	56	72
	Siraiganj ...	000	0	0	00	00	xx	00	0	127	63	0	0	9	0	0	56	74
	Bogra ...	000	0	0	31	03	xx	02	0	126	66	0	0	9	0	0	57	71
	Dinajpur ...	000	0	0	00	00	xx	00	0	148	63	0	0	9	0	0	52	70
	Rangpur ...	000	8	1	00	00	xx	01	0	136	63	.	0	9	1	0	54	74
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	1	00	00	96	02	0	168	64	0	0	9	0	0	45	68
	Sialkot ...	000	0	0	00	00	97	00	0	156	63	0	0	9	0	0	54	65
Rawalpindi	Jhelum ...	000	0	0	34	03	98	02	0	165	64	0	0	9	0	0	43	71
	Rawalpindi ...	000	0	3	27	02	99	02	0	173	58	0	0	9	4	4	37	65
	Campbellpur ...	000	0	0	05	01	98	00	0	180	58	0	0	9	0	0	35	66
Sargodha	Khushab ...	000	0	0	00	00	99	00	0	162	68	0	0	9	0	0	46	73
	Lyallpur ...	000	0	0	00	00	96	00	0	173	63	0	0	9	0	0	45	63
Multan	Montgomery ...	000	0	0	00	00	96	00	0	176	66	0	0	9	0	0	41	68
	Multan ...	000	0	0	00	00	97	02	0	176	65	0	0	9	0	0	45	73
	Leiah ...	000	0	0	36	03	97	00	0	180	64	0	0	9	0	0	36	71
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	177	66	0	0	9	0	0	44	70
	Bahawalpur ...	000	0	0	00	00	97	00	0	172	66	0	0	9	0	0	57	70
	Fort Abbas ...	000	0	0	36	02	98	00	0	171	64	0	0	9	0	0	49	69
Peshawar	Chakdara ...	000	0	0	27	02	97	00	0	143	59	0	0	9	0	0	59	60
	Peshawar ...	000	0	5	00	00	97	03	0	178	63	0	0	9	0	6	33	68
	Haripur ...	000	2	2	09	02	97	01	0	160	61	2	0	9	0	9	43	65
D. I. Khan	Bannu ...	000	6	6	00	00	99	01	1	167	64	0	0	9	0	4	45	67
	D. I. Khan ...	000	3	3	00	00	98	02	0	151	68	0	0	9	0	0	45	72
Quetta	Sibi ...	000	0	0	00	00	98	00	0	174	68	0	0	9	0	0	47	71
Kalat	Nokkundi ...	000	8	6	11	03	98	03	1	151	66	6	0	9	4	0	37	67
	Turbat ...	000	0	8	27	03	98	03	0	159	68	0	0	9	7	0	49	77
	Jiwani ...	034	7	8	09	17	97	95	9	163	64	4	3	6	2	x	57	73
	Pasni ...	000	8	6	11	09	97	03	2	162	74	4	4	7	4	0	57	75
Karachi Division	Ormara ...	000	0	6	18	04	96	03	1	147	72	6	1	6	4	1	54	74
	Lasbela ...	000	0	0	00	xx	98	00	0	154	80	0	0	9	0	0	62	81
	Karachi (Manora) ...	000	0	0	09	14	98	02	0	152	74	0	0	9	0	0	62	79
	Karachi (Airport) ...	000	0	0	07	09	96	02	0	150	74	0	0	9	0	0	32	77
Hyderabad	Nagarparkar ...	000	0	0	02	02	97	00	0	148	73	0	0	9	0	0	64	77
	Umerkot ...	000	0	0	02	04	98	02	0	149	73	0	0	9	0	0	49	76
	Hyderabad ...	000	0	0	36	03	97	02	0	160	70	0	0	9	0	0	47	74
	Badin ...	000	0	0	36	02	97	00	0	162	75	0	0	9	0	0	47	76
Khairpur	Padidan ...	000	0	0	36	03	97	02	0	171	68	0	0	9	0	0	43	71
	Nawabshah ...	000	0	0	36	03	97	02	0	179	70	0	0	9	0	0	45	72
	Sukkur ...	000	0	0	36	03	97	02	0	170	69	0	0	9	0	0	48	xx
	Kashmore ...	000	0	0	00	00	99	00	0	178	70	0	0	9	0	0	10	73
	Jacobabad ...	000	0	0	36	02	97	02	0	175	68	0	0	9	0	0	47	71
Junagadh	Veraval ...	xxx	x	4	14	06	97	03	0	102	82	1	0	9	4	1	41	xx
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...	000	0	0	00	00	98	01	0	544	40	0	0	9	0	0	36	xx
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...	000	0	1	05	02	96	01	0	xxx	67	0	0	9	0	1	56	79
	Aliabad * ...																	
	Gilgit * ...	000	0	1	00	00	98	01	0	498	41	1	5	8	0	0	25	51
Rawalpindi	Murree * ...	000	4	3	05	02	98	01	1	515	44	3	0	9	4	0	22	49
Peshawar	Drosh * ...	000	2	6	09	12	96	03	2	536	43	0	2	9	4	3	18	48
	Cherat * ...	000	0	0	31	11	98	00	0	521	48	0	0	9	0	0	39	50
	Kakul * ...	000	4	2	31	03	99	01	0	520	52	0	0	9	0	1	23	60
	Landikotal * ...	000	0	6	23	04	98	03	1	516	51	0	0	9	0	0	29	53
	Parachinar * ...	000	0	3	11	04	98	00	0	526	48	3	0	9	0	8	17	55
D. I. Khan	Miranshah * ...	000	0	0	06	05	99	00	0	503	61	0	0	9	0	0	20	63
	Wana * ...	000	0	0	00	00	99	00	0	513	49	0	0	9	0	0	41	54
Quetta	Fort Sandeman * ...	000	0	0	00	00	99	02	0	520	56		0	9	0	0	39	57
	Hindubagh * ...	000	0	0	25	05	97	00	0	518	50	0	0	9	0	0	23	50
	Loralai * ...	000	0	5	13	02	99	01	2	366	52	0	0	9	1	2	37	56
	Harnai * ...	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta * ...	000	0	1	00	00	96	00	0	522	50	1	1	5	0	0	37	54
	Chaman * ...	000	0	4	13	05	98	01	1	508	54	4	0	9	2	0	23	55
	Nushki * ...	000	0	0	23	05	98	02	0	566	64	0	0	9	0	0	34	65
	Dalbandin * ...	000	5	3	00	00	97	03	0	518	66	1	1	8	3	0	37	68
Kalat	Kalat * ...	000	0	0	34	08	98	00	0	490	46	0	0	9	0	0	20	51
	Panjgur * ...	000	0	8	23	03	98	02	0	504	64	0	0	9	7	0	31	68
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Could † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint Temperature °F TdTd	Minimum Temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st November 1961 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1961 to date	Annual Normals
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	4	9	36	05	93	34	4	163	62	9	x	0	x	x	59	56	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	1	36	05	97	02	0	139	66	1	0	9	4	0	57	58	— 1	+ 2	1.0	— 3.2	156.7	140
	Chittagong	000	0	0	36	05	95	00	0	153	57	0	0	9	0	0	57	53	+ 1	— 2	0.1	— 2.7	170.7	108
	Maijdee Court	000	9	0	34	02	98	00	1	154	60	0	0	9	0	0	55	52	— 3	— 5	0	— 1.8	122.6	115
	Comilla	000	0	0	00	00	96	02	0	161	60	0	0	9	0	0	56	52	+ 2	— 1	0	— 1.6	76.9	94
	Brahmanbaria	000	0	0	36	02	97	00	0	157	62	0	0	9	0	0	57	51	—	—	1.3	0	65.4	78
	Sylhet	000	0	0	09	13	96	02	0	155	66	0	0	9	0	0	51	53	—	—	0.1	—	—	—
	Srimangal	000	0	0	00	00	93	00	0	xxx	60	0	0	9	0	0	57	44	+ 4	— 3	1.0	— 0.6	52.1	98
Dacca	Mymensingh	000	0	0	27	02	96	00	0	167	57	0	0	9	0	0	53	50	— 1	— 3	0.3	— 0.7	62.1	91
	Narayanganj	000	9	0	36	08	95	10	4	161	58	0	0	9	0	0	53	50	0	— 5	0.4	0.8	73.0	74
	Dacca (Tezgaon)	000	0	0	31	03	96	01	0	159	57	0	0	9	0	0	53	48	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	92	45	4	149	52	0	0	9	0	0	52	47	— 4	— 5	0	— 1.2	87.9	71
Khulna	Barisal	000	6	9	00	00	95	02	4	161	57	0	0	9	0	0	53	50	— 2	— 4	0	— 1.8	68.4	81
	Khulna	000	0	0	00	00	97	00	0	162	55	0	0	9	0	0	53	49	— 4	— 4	0	— 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	168	54	0	0	9	0	0	49	47	— 5	— 4	0	— 1.9	54.3	65
	Jessore	000	0	0	31	03	97	00	0	158	53	0	0	9	0	0	49	46	— 5	— 6	0	— 1.1	59.0	65
Rajshahi	Pabna	000	0	0	31	05	93	47	4	167	49	x	x	0	x	x	49	46	—	—	0.1	—	50.5	59
	Siraiganj	000	0	0	00	00	95	10	4	166	54	0	0	9	0	0	50	49	— 1	— 3	0.7	— 0.1	50.0	64
	Bogra	000	0	2	29	03	96	01	1	163	53	2	7	6	0	0	56	49	— 4	— 4	0.3	— 0.6	53.6	69
	Dinajpur	000	3	9	00	00	92	40	4	179	49	9	x	0	x	x	47	45	— 5	— 4	0.1	0.4	51.8	72
	Rangpur	000	7	0	36	02	95	28	4	173	53	0	0	9	0	0	49	45	— 1	— 4	0.2	— 0.3	60.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	186	40	0	0	9	0	0	38	39	— 2	0	0.3	— 0.2	51.4	19
	Sialkot	000	0	0	00	00	97	00	0	182	45	0	0	9	0	0	40	36	— 2	— 5	3.0	+ 2.2	37.9	32
Rawalpindi	Jhelum	000	0	3	09	02	96	03	0	198	38	0	0	9	0	4	33	36	—	—	1.1	—	35.9	
	Rawalpindi	000	0	3	00	00	97	01	1	204	35	0	0	9	0	4	31	33	+ 1	— 4	4.2	+ 2.9	54.4	36
	Campbellpur	000	0	0	05	01	98	00	0	192	46	0	0	9	0	0	32	xx	—	—	0.6	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	227	37	0	0	9	0	0	35	36	+ 5	— 4	0	— 0.4	11.2	15
	Lyallpur	000	0	0	00	00	94	05	4	183	41	0	0	9	0	0	39	39	— 4	— 1	0.1	— 0.2	14.0	12
Multan	Montgomery	000	0	0	00	00	96	02	0	187	42	0	0	5	0	0	40	41	— 1	0	0.1	— 0.1	10.2	10
	Multan	000	0	0	00	00	95	05	0	188	45	0	0	9	0	0	42	42	+ 4	+ 1	0	— 0.3	7.5	7
	Leiah	000	0	0	31	01	92	00	0	181	47	0	0	9	0	0	43	37	—	—	0	—	10.6	8
Bahawalpur	Khanpur	000	0	0	00	00	95	00	0	191	40	0	0	9	0	0	38	39	— 3	— 2	0	— 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	184	44	0	0	9	0	0	42	40	— 1	— 1	0	— 0.2	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	249	66	0	0	9	0	0	40	48	—	—	0	—	3.1	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	197	39	0	0	9	0	0	31	34	+ 6	—	2.4	—	27.8	—
	Peshawar	000	0	5	00	00	96	04	1	196	40	0	0	9	0	4	29	36	+ 4	— 4	1.4	+ 0.5	19.2	11
	Haripur	000	3	4	27	05	97	03	2	189	40	4	0	9	0	9	27	36	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	000	0	4	00	00	98	01	2	187	43	0	0	9	0	4	33	42	—	—	0.5	—	14.4	11
	D. I. Khan	000	2	2	00	00	98	01	1	178	42	0	0	9	2	0	32	37	+ 3	— 2	0	— 0.3	7.7	9
Quetta	Sibi	000	3	8	00	00	97	02	2	195	47	0	0	6	5	0	44	45	—	—	0.1	—	5.7	5
Kalat	Nokkundi	000	9	1	07	03	98	02	1	179	52	0	0	9	1	0	34	43	—	—	0	—	1.0	2
	Turbat	000	0	0	09	01	98	00	1	169	58	0	0	9	0	0	46	xx	—	—	1.0	—	12.3	—
	Jiwani	034	9	2	02	02	97	03	9	173	62	2	1	6	0	0	55	57	—	—	0.3	—	4.1	5
	Pasni	000	1	2	29	02	97	03	0	169	61	0	0	9	4	0	54	60	— 1	+ 6	0	— 0.9	5.4	6
Karachi Division	Ormara	000	0	1	00	00	96	01	1	170	61	1	1	6	0	0	59	58	—	—	0.5	+ 0.1	10.4	6
	Lasbela	000	0	0	00	xx	98	00	0	219	58	0	0	9	0	0	46	54	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	05	10	96	02	0	177	58	0	0	9	0	0	41	54	+ 3	— 4	0	— 0.2	9.9	8
	Karachi (Airport)	000	0	0	00	00	96	01	0	180	55	0	0	9	0	0	42	51	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	000	0	0	34	01	97	00	0	168	57	0	0	9	0	0	45	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	01	97	02	0	157	47	0	0	9	0	0	40	45	—	—	0	—	18.1	—
	Hyderabad	000	0	0	36	02	97	02	0	183	53	0	0	9	0	0	44	52	— 3	+ 1	0	— 0.2	12.9	7
	Badin	000	0	0	36	02	97	00	0	182	50	0	0	9	0	0	46	48	— 1	— 1	0	— 0.3	14.8	9
Khairpur	Padidan	000	0	1	00	00	96	01	0	188	43	1	0	9	2	0	40	42	—	—	0	—	11.1	—
	Nawabshah	000	0	1	00	00	96	02	0	195	46	1	0	9	3	0	40	xx	—	—	0	—	9.3	—
	Sukkur	000	9	3	31	02	94	03	1	187	50	0	0	9	0	8	43	49	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	00	99	00	0	184	58	0	0	9	0	0	41	42	—	—	0	—	1.8	—
	Jacobabad	000	0	2	00	00	96	02	0	191	47	2	0	9	5	0	40	46	— 1	+ 2	0.2	— 0.1	8.3	4
Junagadh	Veraval	000	0	1	05	10	97	03	0	137	65	0	0	9	0	1	51	60	x	— 1	—	—	—	20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	000	0	2	29	03	97	03	0	557	xx	0	0	9	0	1	xx	xx	—	—	—	—	—	26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **	xxx	x	3	00	00	98	02	0	180	xx	3	8	8	2	0	xx	xx		—	—	—	—	26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	5	00	00	96	02	0	115	47	3	4	8	2	0	40	43	—	—	—	—	—	—
	Aliabad *																							—
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	000	9	0	07	09	98	01	1	515	40	0	0	9	0	4	32	36	+ 3	+ 3	4.1	+ 1.8	73.3	59
Peshawar	Drosh *	000	9	5	00	00	96	03	2	539	33	0	0	9	0	3	19	32	0	+ 1	1.1	—	24.1	18
	Cherat *	000	0	0	29	07	96	00	0	520	46	0	0	9	0	0	42	40	— 1	0	2.2	+ 0.7	35.6	29
	Kakul *	000	9	6	34	05	97	03	1	513	40	0	0	9	0	8	17	38	—	—	5.1	—	41.4	—
	Landikotal *	000	0	6	00	00	98	02	2	498	36	0	0	9	0	4	25	35	—	—	2.1	—	15.2	—
	Parachinar *	000	0	2	00	00	99	00	0	526	30	0	0	9	1	0	20	28	+ 4	— 1	0.8	—	30.0	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	493	36	0	0	9	0	0	21	34	—	—	0.1	— 0.5	7.8	13
	Wana *	000	0	0	00	00	99	00	0	513	31	0	0	9	0	0	30	29	—	—	0.7	—	12.0	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	523	34	0	0	9	0	0	24	30	0	+ 1	0.3	— 0.3	11.6	11
	Hindubagh *	000	0	0	27	02	97	00	0	530	32	0	0	9	0	0	13	19	—	—	0.5	—	6.3	—
	Loralai *	000	0	3	25	0.	99	01	1	352	33	0	0	9	1	1	30	31	—	—	0.1	—	5.7	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.5	— 0.4	35.0	14
	Quetta *	000	0	0	00	00	96	00	0	522	40	0	0	9	0	0	25	27	+ 1	— 3	1.2	+ 0.1	7.5	9
	Chaman *	000	0	0	09	03	98	00	0	513	39	0	0	9	0	0	25	34	+ 2	0	0.7	— 0.7	7.0	9
	Nushki *	000	0	0	09	09	98	02	0	556	52	0	0	9	0	0	23	48	—	—	0.2	—	3.9	—
	Dalbandin *	000	9	5	05	05	96	01	1	506	48	1	5	7	4	0	31	44	+ 5	+ 12	0.9	— 0.5	2.8	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	513	29	0	0	9	0	0	23	26	0	0	0.2	— 0.8	13.8	[illegible]
	Panjgur *	000	0	0	05	04	98	02	0	498	43	0	0	9	0	0	39	39	+ 4	+ 2	0.2	—	5.2	5
Afghanistan	Kabul *																							
	Kandhar *																							12

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 27th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_aV_a a PP	8 $N_sC_bh_sh_s$	OT$_a$T$_s$T$_d$T$_d$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhasan	33 205	690 00	0 30 09	98 0 00	140 71	00 0 00	74 1 09	...	05 4 62	13 5 32
Alhasan	33 212	683 06	0 35 09	98 0 00	164 70	00 0 00	74 1 01	...	05 5 51	13 5 44
Port Officer Cargill	33 071	575 06	3 04 10	99 0 30	126 80	00 9 80	36 0 10	...	00 3 70	10 3 21
British Counsul	33 219	629 12	6 05 03	97 0 22	153 64	78 7 xx	64 6 02	...	05 2 59	10 5 20
Alhasan	33 224	680 12	0 35 09	98 0 00	140 70	00 0 00	73 4 18	...	05 4 62	13 4 44
Dumra	33 241	583 12	2 08 04	99 0 30	144 76	22 6 60	75 0 58	82 8 35	05 4 65	10 9 21
Postner Cargill	33 060	581 12	3 04 11	99 0 11	095 80	31 4 00	36 6 30	...	05 2 69	10 4 21
Astro latae	33 231	594 18	0 12 08	99 0 20	180 73	00 9 00	35 2 15	...	05 4 67	11 2 x1
British Consul	33 241	607 18	0 99 02	98 0 20	160 73	00 9 00	54 2 06	...	05 2 58	14 9 20
Tambamaru	33 199	647 18	1 07 14	98 0 20	155 76	10 5 40	15 4 00	...	05 3 63	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 $_{mb}$	900$_{mb}$	850$_{mb}$	800$_{mb}$	700$_{mb}$	600$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Begra	...													
Chittagong	...													
Dacca	...	00 00	012 105 092											
Jiwani	...	00 50	009 152 132	133 215 145	...	147 115 082	...	311 518 555	481 595 995	570 672 998	735 782 998	940 862	212 050	...	...
Karachi	...	00 00	004 135 122	180 135 052	...	152 082 005	...	312 512 575	432 582 004	573 628 995	741 722 998	947 852	...	...	...
Lahore	...	00 00	992 112 065	147 xxx xxx	...	149 120 000	...	311 008 575	430 565 992	572 698 992	733 842 998	929 838	...	...	...
Multan	...														
Peshawar	...	00 00	976 062 512	...	...	149 102 515	...	308 522 652	423 022 918	567 682 905	731 770 990	932 918	...	...	...
Quetta	...	00 50	832 005 532	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Begra	...												
Chittagong	...												
Dacca	...	00 00	MISDA										
Jiwani	...	00 50	900 132 105	800 075 012	...	...	...	...	...	...	800 075 012	...	...
Karachi	...	00 00	900 125 012	800 055 515	696 038 025	...	...	...	...	...	696 038 025	...	...
Lahore	...	00 00	900 122 032	800 085 522	...	...	...	...	...	...	800 065 522	...	...
Multan	...												
Peshawar	...	00 08	935 132 015	900 128 012	800 055 572	...	...	...	...	...	800 055 572	...	...
Quetta	...	00 50	MISDA	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	...
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Begra ...	32 17	01 08	...	...	...	...	...	...	...	24 16	...	...	...	...	...	24 13	14 11	11 10	06 13	06 08	25 04	...	...	...	...	...
Chaklala ...	...	27 07	36 03	11 09	11 09	18 08	29 07	31 15	30 18	...	04 02	08 01	12 03	09 05	...	...	12 02	17 03	14 04	12 09	xx xx	17 11	19 13	10 23	22 27	...
Chhor ...	01 10	02 10	02 10	04 10	04 11	31 03	26 08	27 18	27 25	06 17	07 12	03 03	36 12	36 11	33 08	04 01	04 13	02 13	02 17	01 25	34 24	32 17	27 24	28 31	...	...
Chittagong ...	36 07	03 03	18 01	23 08	25 08	...	...	...	...	...	...	...	...	...	...	01 09	07 04	15 06	22 15	22 28	23 18	24 26	25 37	25 39	...	...
Cox's Bazar ...	34 04	15 03	20 03	22 08	22 10	...	...	...	...	01 09	02 03	18 04	23 17	22 22	23 13	36 03	18 02	26 09	20 13	22 18	23 15	23 18	...	...	...	...
Dacca ...	34 04	04 06	05 07	11 06	12 03	31 07	25 25	27 42	...	...	...	...	...	...	...	04 07	06 07	04 08	09 06	07 09	24 10	24 38	24 47	25 48	25 7	...
Delbandin ...	...	...	15 01	34 01	21 04	26 08	24 14	24 19	25 23	...	...	05 08	14 03	19 06	25 15	...	...	...	08 04	16 11	20 10	23 11	30 13	29 31	30 42	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dyrah ...	...	...	...	...	04 08	02 20	...	...	...	...	...	...	21 01	22 01	22 02	...	...	...	...	...	...	...	...	...	...	...
Port Sandeman ...	...	...	...	33 02	35 02	02 03	26 09	23 09	24 15	...	...	...	31 01	01 06	24 09	...	...	...	23 02	02 05	04 05	20 10	18 13	19 15	...	...
Jacobabad ...	27 02	27 03	27 03	29 03	34 03	35 11	25 10	25 18	25 17	08 03	20 01	28 12	27 02	35 10	28 12	17 01	24 01	27 01	29 05	31 08	33 17	27 22	29 33	29 36	27 51	...
Jessore ...	34 11	35 11	36 11	07 04	02 06	...	...	...	...	02 11	03 09	05 08	03 05	34 04	23 11	34 02	08 08	07 09	07 07	06 09	27 11	25 26	23 42	24 49	24 44	...
Jhelum ...	29 07	31 06	33 09	03 01	11 07	12 12	19 07	25 06	29 11	32 09	32 09	35 04	12 03	13 07	14 06	33 06	32 08	30 03	17 03	15 10	15 16	17 11	19 19	19 25	21 31	24 ...
Jiwani ...	10 21	12 14	13 06	26 05	27 07	26 12	—	—	—	03 03	17 06	16 07	12 04	09 05	03 12	09 06	17 04	17 06	18 07	18 05	31 07	29 16	27 26	27 37	27 51	77 ...
Karachi ...	08 01	06 09	03 09	03 07	03 08	30 15	28 13	29 26	28 39	...	...	...	...	...	...	07 15	05 09	03 09	01 09	24 08	35 15	29 27	...	...	...	...
Khanpur ...	04 04	01 05	01 07	01 06	01 10	01 13	04 10	25 11	26 10	06 04	05 04	21 02	30 07	01 08	02 12	12 02	36 02	36 02	36 07	02 06	26 07	20 15	22 25	25 31	26 56	...
Lahore ...	32 05	31 07	31 08	31 06	33 04	27 03	13 04	13 12	28 03	33 05	33 04	31 03	33 03	xx xx	16 04	33 01	26 03	26 03	25 03	16 04	15 17	18 13	20 12	21 16	21 22	...
Multan ...	17 01	35 02	01 05	01 08	05 04	36 01	25 06	26 10	26 14	27 07	30 03	35 03	33 03	34 05	05 04	27 02	24 01	23 01	22 01	01 03	08 02	20 11	20 80	20 30	23 27	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	21 02	27 01	34 11	25 30	...	...	...	...	...	27 07	22 05	25 06	...	...	...	25 07	25 07	29 11	28 22	29 33	28 47	28 46	...
Peshawar ...	...	27 04	32 08	35 08	03 07	06 02	20 03	28 12	28 15	...	21 02	21 02	21 03	26 02	30 07	...	15 04	31 03	23 09	06 04	10 06	17 06	...	...	...	...
Quetta ...	...	...	...	...	33 07	29 07	29 15	26 17	28 22	...	...	...	...	21 03	27 06	...	...	...	...	30 03	34 13	36 17	36 28	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	14 04	14 05	13 05	06 11	07 07	...	...	...	...	07 10	08 08	08 12	08 12	09 04	25 14	09 12	09 13	09 13	09 12	13 05	23 10	...	...	...	...	...
Varveal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

*The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	26.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...		Misda																
Karachi ...	06 22	...	06 19	36 14	36 10	36 12	35 14	30 26	26 29	27 45	28 96	29 65	...	...	...	...	...	...
Peshawar ...	...	30 08	31 06	25 06	21 06	27 19	29 15	29 24	30 25	31 27	31 39	29 71	29 78	28 90	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

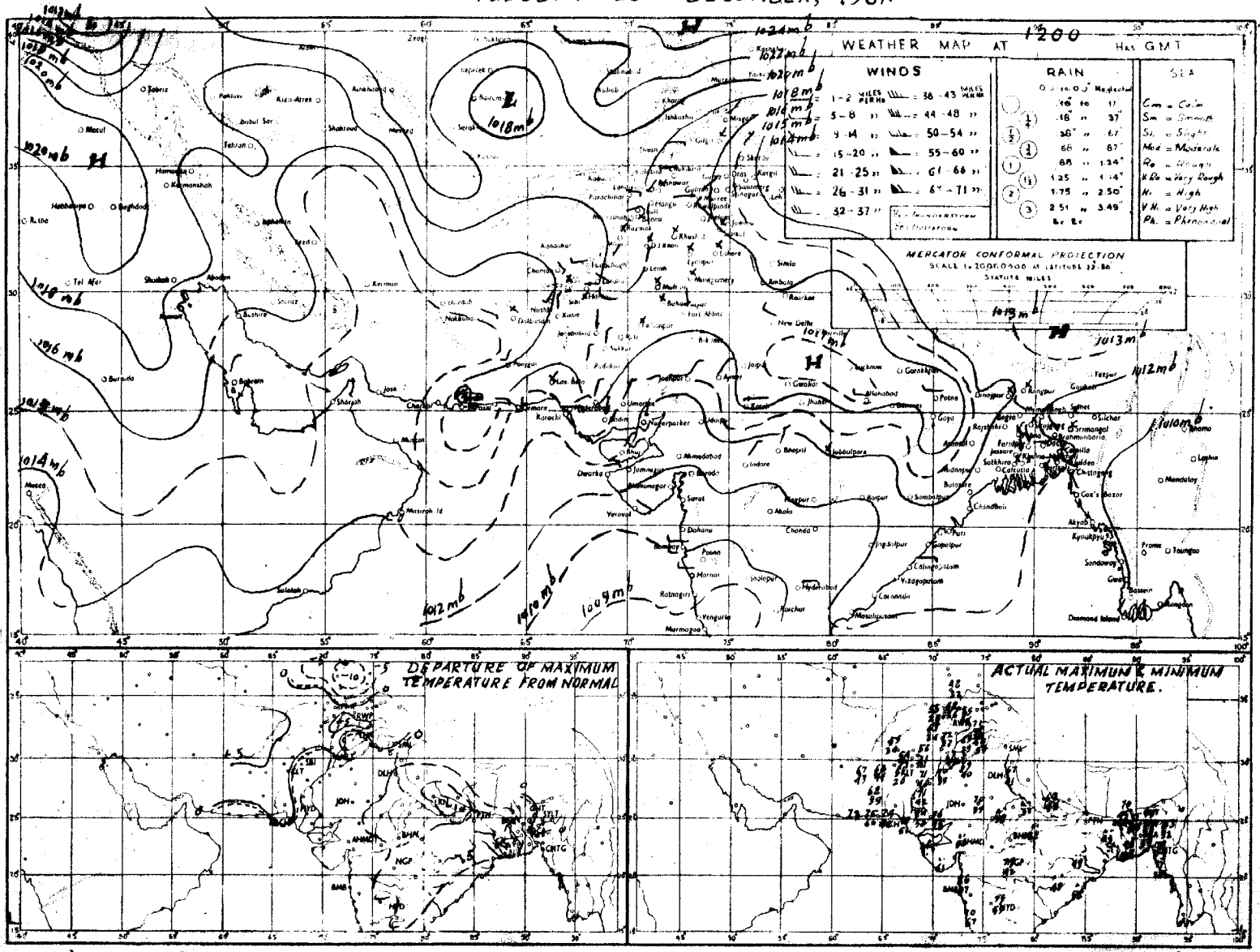
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on applications to the Meteorologist, Weather Council, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

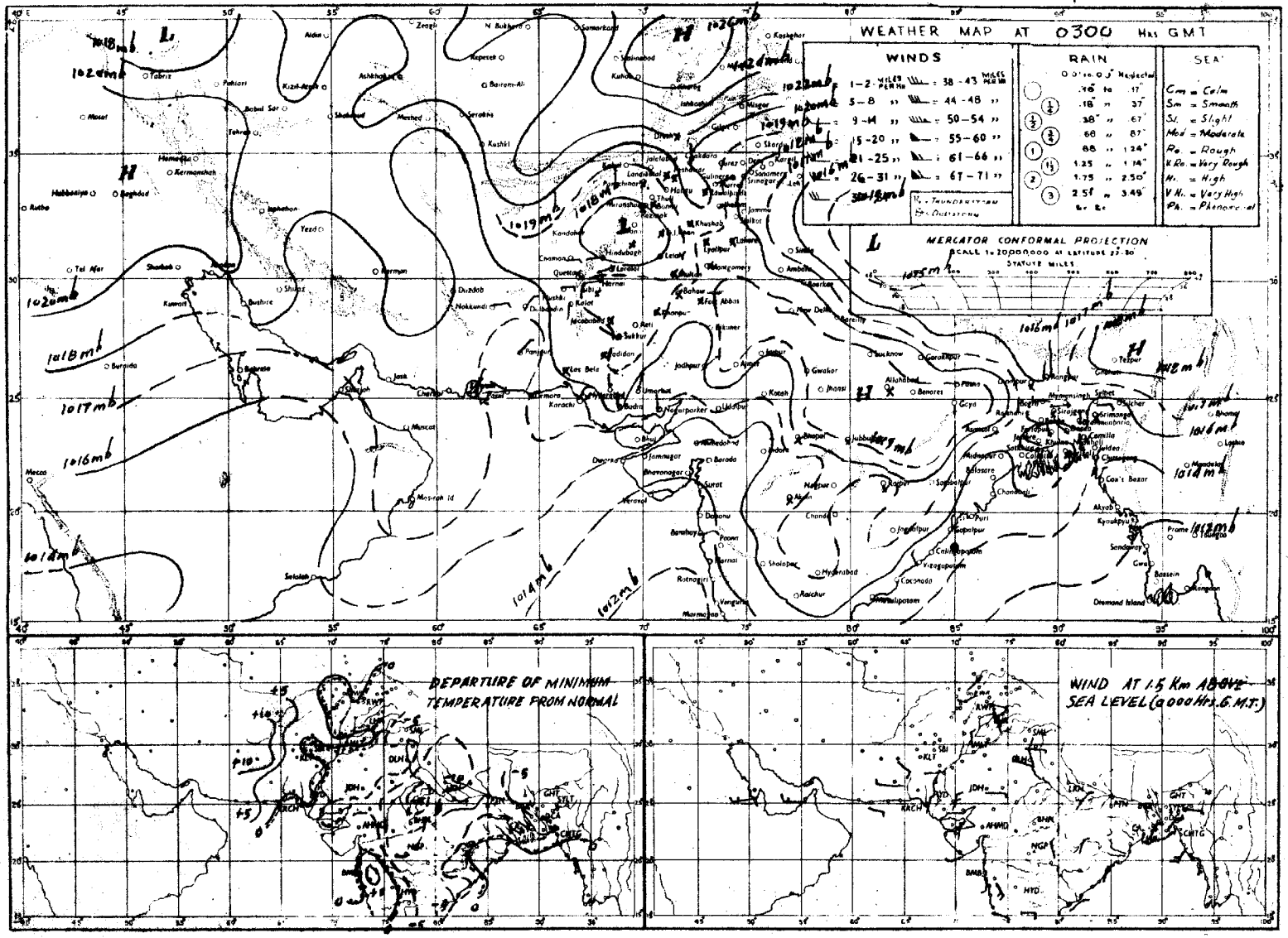
TUESDAY 26th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 27th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Reg. No. S-1457
Volume No. 15

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 28th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's secondary western disturbance over Quetta division weakened and moved away northeastwards.
The western disturbance over northeast Iran is now moving across north of Afghanistan.
Another western disturbance lies over north Iran and has induced a secondary over southeast Iran and adjoining areas.
Local rain/thundershowers have occurred in Kalat division. Light rain/drizzle has also been reported from Quetta division.
A westerly low pressure wave is moving across sub-Himalyan West Bengal.
Weather remained dry over East Pakistan.
Chief amounts of rainfall are:—Turbat 1"; Jiwani ½" and Pasni ¼".
Night temperatures were 3-7°F above normal in Kalat and Quetta divisions and 2-5°F below normal in East Pakistan outside Chittagong coast.
Forecast valid until the evening of 29th December, 1961:—Rain/thundershowers will be local in Kalat and Quetta divisions and scattered in Peshawar, **D. I. Khan,** Karachi, Rajshahi, Dacca and Chittagong divisions.

Karachi-11
The 28th December, 1961.

OBSERVATIONS

ZARIF AHMED
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	7	9	36	02	xx	00	4	125	71	9	x	0	x	x	59	80
	Cox's Bazar	000	0	2	34	09	xx	01	0	113	71	2	0	9	4	0	63	78
	Chittagong	000	0	0	36	05	xx	00	0	114	69	0	0	9	0	0	60	70
	Maijdee Court	000	9	0	00	00	xx	10	0	117	70	0	0	9	0	0	60	79
	Comilla	000	0	0	00	00	96	02	0	106	72	0	0	9	0	0	57	81
	Brahmanbaria	000	0	2	00	00	xx	03	1	124	68	0	0	9	0	4	58	78
	Sylhet	000	0	0	00	00	xx	02	0	124	69	0	0	9	0	0	51	80
	Srimangal	000	0	0	00	00	93	00	0	xxx	62	0	0	9	0	0	52	80
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	126	72	0	0	9	0	0	60	79
	Narayanganj	000	9	2	00	00	xx	01	0	124	69	0	0	9	0	8	58	80
	Dacca (Tezgaon)	000	0	2	27	02	96	01	0	119	65	0	0	9	0	1	58	78
	Faridpur	000	0	1	00	00	94	10	0	132	67	[illegible]	0	9	0	8	57	72
Khulna	Barisal	000	0	0	13	01	94	02	2	123	70	0	0	9	0	0	67	75
	Khulna	000	0	0	00	00	xx	00	0	123	69	0	0	9	0	0	63	75
	Satkhira	000	0	0	00	00	97	00	0	141	68	0	0	9	0	0	[illegible]	76
	Jessore	000	0	0	36	02	97	00	0	133	65	0	0	9	0	0	56	72
Rajshahi	Pabna	000	0	0	00	00	xx	02	4	133	65	0	0	9	0	0	56	74
	Sirajganj	000	0	0	00	00	xx	00	0	127	65	0	0	9	0	0	56	76
	Bogra	000	0	0	00	00	xx	02	0	125	67	0	0	9	0	0	57	77
	Dinajpur	000	0	0	00	00	xx	00	0	134	69	0	0	9	0	0	53	75
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	163	64	0	0	9	0	0	49	70
	Sialkot	000	0	0	00	00	97	00	0	165	59	0	0	9	0	0	53	65
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	150	66	0	0	9	0	0	41	71
	Rawalpindi	000	0	5	27	02	98	03	1	167	59	0	0	9	4	9	34	67
	Campbellpur	000	0	0	05	01	98	00	0	155	63	0	0	9	0	0	30	65
Sargodha	Khushab	000	0	0	00	00	99	00	0	160	65	0	0	9	0	0	37	71
	Lyallpur	000	0	0	00	00	96	00	0	163	68	0	0	9	0	0	39	69
Multan	Montgomery	000	0	0	00	00	96	00	0	164	65	0	0	9	0	0	44	71
	Multan	000	0	5	00	00	97	01	1	163	65	2	5	6	[illegible]	0	43	72
	Leiah	000	0	5	36	02	97	01	2	147	65	0	0	9	5	0	40	73
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	162	67	1	0	9	2	0	41	72
	Bahawalpur	000	0	4	00	00	98	00	0	162	64	4	0	9	0	1	45	71
	Fort Abbas	000	0	0	00	00	98	00	0	160	70	0	0	9	0	0	43	73
Peshawar	Chakdara	000	0	0	36	02	97	00	0	177	59	0	[illegible]	9	0	0	35	60
	Peshawar	000	0	2	00	00	97	01	1	170	64	0	0	9	0	1	30	67
	Haripur	000	3	4	23	03	97	03	2	154	62	4	0	9	0	9	40	66
D. I. Khan	Bannu	000	0	0	13	02	99	00	1	156	66	0	0	9	0	0	54	69
	D. I. Khan	000	0	0	00	00	98	00	0	142	67	0	0	9	0	0	42	70
Quetta	Sibi	000	0	0	27	02	98	00	0	160	71	0	0	9	0	0	46	72
Kalat	Nokkundi	000	9	3	18	03	98	03	1	115	71	3	0	9	4	0	45	74
	Turbat	000	0	0	27	02	98	[illegible]	[illegible]	147	60	0	0	9	0	0	48	79
	Jiwani	000	0	2	13	14	98	01	0	147	73	2	2	6	0	0	61	74
	Pasni	000	8	6	16	09	97	03	2	147	75	2	4	7	4	0	60	77
Karachi Division	Ormara	000	0	1	16	04	96	03	1	147	73	1	1	6	0	0	60	76
	Lasbela	000	0	0	00	xx	95	00	0	119	79	0	0	9	0	0	64	81
	Karachi (Manora)	000	0	0	23	10	98	02	0	151	73	0	0	9	0	0	63	77
	Karachi (Airport)	000	0	0	09	03	96	02	0	145	75	0	0	9	0	0	42	71
Hyderabad	Nagarparkar	000	0	0	11	01	97	00	0	132	75	0	0	9	0	0	54	76
	Umerkot	000	0	0	34	03	98	02	0	140	74	0	0	9	0	0	45	75
	Hyderabad	000	0	0	36	03	97	02	0	155	71	0	0	9	0	0	45	75
	Badin	000	0	0	36	02	97	00	0	164	75	0	0	9	0	0	38	77
Khairpur	Padidan	000	0	0	05	02	97	02	0	157	71	0	0	9	0	0	45	73
	Nawabshah	000	0	0	00	00	97	02	1	158	72	0	0	9	0	0	39	74
	Sukkur	000	4	0	13	02	97	02	0	158	69	0	0	9	0	0	45	72
	Kashmore	000	0	0	00	00	99	00	0	190	71	0	0	9	0	0	14	72
	Jacobabad	000	0	0	36	02	96	02	0	158	70	0	0	9	0	0	45	73
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	000	0	0	34	02	99	02	0	132	74	0	0	9	0	0	36	79
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skardu *																	
	Misgar **	000	0	5	09	02	96	03	1	105	20	0	0	9	8	0	14	28
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	0	6	13	02	98	02	1	506	44	0	0	9	5	4	19	48
Peshawar	Drosh *	000	9	6	00	00	96	01	2	534	45	3	0	9	4	1	19	53
	Cherat *	000	0	0	05	05	98	00	0	531	50	0	0	9	0	0	45	51
	Kakul *	000	8	5	34	03	98	01	2	516	52	0	0	9	0	4	23	59
	Landikotal *	000	0	1	00	00	97	01	1	505	52	0	0	9	0	1	27	55
	Parachinar *	000	0	2	13	06	99	00	0	515	48	2	0	9	0	8	15	54
D. I. Khan	Miranshah *	000	0	0	05	02	99	00	0	503	61	0	0	9	0	0	20	64
	Wana *	000	0	0	00	00	99	00	0	513	52	0	0	9	0	0	23	57
Quetta	Fort Sandeman *	000	0	0	02	01	99	02	0	511	54	0	0	9	0	0	16	56
	Hindubagh *	000	0	0	27	07	97	00	0	483	55	0	0	9	0	0	05	50
	Loralai *	000	0	0	13	03	99	01	0	375	52	0	0	9	0	0	31	57
	Harnai *	000	6	8	09	01	96	21	6	xxx	xx	7	3	4	3	7	xx	xx
	Quetta *	000	0	2	31	02	96	02	0	521	48	2	1	5	0	0	35	53
	Chaman *	000	0	0	27	05	98	00	0	501	57	0	0	9	0	0	25	59
	Nushki *	000	0	8	27	02	98	02	0	545	65	0	0	9	0	0	27	67
	Dalbandin *	000	8	3	13	02	96	03	1	501	67	2	5	7	3	0	41	71
Kalat	Kalat *	000	0	0	36	03	98	00	0	477	48	0	0	9	0	0	23	50
	Panjgur *	000	0	0	23	03	98	03	0	494	65	3	7	6	0	0	44	65
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati	000	0	5	36	02	97	02	1	159	65	3	8	5	8	0	59	60	—	—	0.1	—	155.5	—
	Cox's Bazar	000	0	6	36	05	97	02	2	135	68	1	1	6	7	x	59	61	0	+ 5	0.9	− 3.2	156.7	140
	Chittagong	000	0	2	05	03	96	01	1	145	68	1	0	9	0	2	53	57	− 7	+ 2	0.1	− 2.7	170.7	108
	Maijdee Court	000	9	0	00	00	98	00	4	150	62	0	0	9	0	0	56	53	+ 1	0	0	− 1.8	122.6	115
	Comilla	000	0	0	00	00	97	02	0	137	61	0	0	9	0	0	57	51	+ 4	− 2	0	− 1.6	76.9	94
	Brahmanbaria	000	3	0	36	02	96	00	4	154	61	0	0	9	0	0	54	49	—	—	1.3	0	65.4	78
	Sylhet	000	0	1	09	05	96	02	0	145	65	1	0	9	7	0	52	53	—	—	0.1	—	—	
	Srimangal	000	0	0	00	00	93	00	0	xxx	63	0	0	9	0	0	57	41	+ 1	− 6	1.0	− 0.7	52.1	98
Dacca	Mymensingh	000	0	0	27	02	96	00	0	156	58	0	0	9	0	0	54	50	3	− 3	0.3	− 0.7	62.1	91
	Narayanganj	000	9	0	00	00	95	10	4	152	59	0	0	9	0	0	54	51	+ 4	− 4	0.4	− 0.8	73.0	74
	Dacca (Tezgaon)	000	0	0	34	03	96	02	0	150	58	0	0	9	0	0	54	48	—	—	0	—	81.2	—
	Faridpur	000	0	0	34	02	94	05	0	157	57	0	0	9	0	0	51	49	− 2	− 3	0	− 1.2	87.9	71
Khulna	Barisal	000	4	0	00	00	97	02	4	151	61	0	0	9	0	0	59	53	− 1	− 1	0	− 1.8	65.4	81
	Khulna	000	0	0	00	00	97	00	0	151	62	0	0	9	0	0	57	53	− 2	0	0	− 1.3	57.3	68
	Satkhira	000	0	0	00	00	97	00	0	167	57	0	0	9	0	0	50	50	− 2	− 1	0	− 1.9	54.3	65
	Jessore	000	0	0	31	03	97	00	0	160	57	0	0	9	0	0	51	50	− 4	− 2	0	− 1.1	59.0	65
Rajshahi	Pabna	000	0	0	31	05	96	02	0	160	54	0	0	9	0	0	52	48	—	—	0.1	—	50.5	59
	Sirajganj	000	0	0	00	00	96	00	0	154	58	0	0	9	0	0	52	49	+ 1	− 3	0.7	− 0.1	50.0	64
	Bogra	000	0	0	31	0.	96	02	0	163	55	0	0	9	0	0	51	53	+ 2	0	0.3	− 0.6	53.6	69
	Dinajpur	000	0	0	00	00	96	00	0	169	55	0	0	9	0	0	47	45	0	− 4	0.1	− 0.4	51.8	72
	Rangpur	000	0	0	05	05	96	01	0	159	60	0	0	9	0	0	54	50		+ 1	0.2	− 0.3	60.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	00	0	205	42	0	0	9	0	0	37	39	0	0	0.3	− 0.2	51.4	19
	Sialkot	000	0	0	00	00	97	00	0	203	50	0	0	9	0	0	43	41	− 2	0	2.9	+ 2.2	37.9	32
Rawalpindi	Jhelum	000	0	2	36	02	96	03	0	209	38	0	0	9	0	1	35	36	—	—	1.1	—	35.9	
	Rawalpindi	000	0	1	00	00	97	10	0	221	35	0	0	9	0	4	34	34	+ 3	− 3	4.2	+ 2.8	54.4	36
	Campbellpur	000	0	0	05	02	98	00	0	402	41	0	0	9	0	0	30	xx	—	—	0.8	—	17.6	—
Sargodha	Khushab	000	0	0	00	00	99	00	0	193	38	0	0	9	0	0	35	37	+ 3	− 3	0	− 0.5	11.2	15
	Lyallpur	000	0	0	00	00	94	05	4	210	40	0	0	9	0	0	39	39	+ 2	− 1	0.1	− 0.2	14.0	12
Multan	Montgomery	000	0	0	00	00	96	02	0	201	43	0	0	9	0	0	39	41	+ 2	0	0.1	− 0.1	10.3	10
	Multan	000	0	0	[illegible]	00	95	00	0	201	44	0	0	9	0	0	39	42	+ 3	+ 1	0	− 0.3	7.5	7
	Leiah	000	0	[illegible]	[illegible]	02	96	00	0	208	44	0	0	9	0	0	42	36		—	0	—	10.6	3
Bahawalpur	Khanpur	000	0	0	00	00	95	05	0	203	43	0	0	9	0	0	39	38	− 1	− 3	0	− 0.2	12.6	6
	Bahawalpur	000	0	0	00	00	98	00	0	195	43	0	0	9	0	0	39	40	+ 2	− 1	0	− 0.2	4.9	6
	Fort Abbas	000	0	0	00	00	98	00	0	023	43	0	0	9	0	0	41	43	—	—	0		3.1	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	207	34	0	0	9	0	0	31	33	—	—	2.4	—	27.8	—
	Peshawar	000	0	1	00	00	96	04	0	213	38	1	0	9	3	0	26	36	+ 3	− 4	1.4	+ 0.5	19.2	11
	Haripur	000	0	0	25	05	97	00	0	206	39	0	0	9	0	0	29	35	—	—	2.1	—	3.1	—
D. I. Khan	Bannu	000	1	3	00	00	99	01	0	204	42	0	0	9	0	4	27	41	—	—	0.5	—	14.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	205	38	0	0	9	0	0	30	36	+ 1	− 3	0	− 0.3	7.7	9
Quetta	Sibi	000	0	0	00	00	97	00	0	201	45	0	0	9	0	0	40	43	—	—	0.1	—	5.7	5
Kalat	Nokkundi	000	9	6	07	03	98	03	5	157	56	6	0	9	4	0	44	51	—	—	0	—	1.0	2
	Turbat	097	2	9	09	02	98	24	2	166	59	0	5	9	5	0	55	xx	—	—	1.9	—	13.3	—
	Jiwani	064	8	8	09	03	97	95	9	166	63	5	3	6	2	x	61	61	—	—	1.0	—	4.7	5
	Pasni	021	3	6	07	03	97	17	2	166	66	4	7	7	4	0	61	61	+ 1	+ 7	0.2	− 0.7	5.6	6
Karachi Division	Ormara	000	0	6	00	00	96	03	1	160	63	6	1	6	1	1	53	60	—	—	0.5	+ 0.1	10.4	6
	Lasbela	000	0	0	00	00	98	00	0	183	58	0	0	9	0	0	50	53	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	05	10	96	02	0	130	59	0	0	9	0	0	42	55	+ 1	− 3	0	− 0.3	9.9	8
	Karachi (Airport)	000	0	0	36	03	96	02	0	185	52	0	0	9	0	0	40	50	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar	000	0	0	09	01	97	00	0	142	57	0	0	9	0	0	45	xx	—	—	0	—	27.3	—
	Umerkot	000	0	0	02	03	97	02	0	177	47	0	0	9	0	0	35	43	—	—	0	—	18.1	—
	Hyderabad	000	0	0	00	00	97	02	0	188	53	0	0	9	0	0	41	51	− 2	0	0	− 0.1	12.9	7
	Badin	000	0	0	36	02	97	00	0	186	50	0	0	9	0	0	46	48	0	− 1	0	− 0.3	14.8	9
Khairpur	Padidan	000	0	0	00	00	96	02	0	193	44	0	0	9	0	0	42	42	—	—	0	—	11.1	—
	Nawabshah	000	0	0	00	00	96	02	0	194	47	0	0	9	0	0	40	45	—	—	0	—	9.3	—
	Sukkur	000	0	0	00	00	[illegible]	02	0	193	53	0	0	9	0	0	47	48	—	—	0	—	2.2	4
	Kashmore	000	0	0	00	0	99	00	0	177	60	0	0	9	0	0	41	42	—	—	0	—	1.8	—
	Jacobabad	000	0	0	00	00	97	02	0	198	48	0	0	9	0	0	41	47	+ 1	+ 3	0.2	− 0.1	8.3	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							8
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **	000	0	0	00	00	99	02	0	154	62	0	0	9	0	0	xx	xx	—	—	—	—	—	3
	Skardu *																							6
	Misgar **	000	0	3	00	00	6	01	0	114	05	0	0	9	2	0	03	04	—	—				—
	Aliabad *																							—
	Gilgit *	000	0	3	00	00	99	01	0	614	29	0	0	9	0	2	29	27		—				5
Rawalpindi	Murree *	000	9	5	09	02	98	02	1	522	37	0	0	9	5	8	22	31	+ 2	− 2	4.1	+ 1.7	73.3	59
Peshawar	Drosh *	000	9	4	00	00	96	03	2	560	33	0	0	9	0	2	17	32	+ 5	+ 1	1.1	—	24.1	18
	Cherat *	000	0	0	05	07	[illegible]	00	0	539	45	0	0	9		0	41	42	0	+ 2	2.2	+ 0.6	35.6	29
	Kakul *	000	9	1	36	03	96	04	1	519	40	0	0	9	0	1	14	38	—	—	5.1	—	41.4	—
	Landikotal *	000	0	1	00	00	99	03	0	598	35	1	0	9	3	0	27	34	—	—	2.1	—	15.2	—
	Parachinar *	000	0	0	00	00	99	00	0	534	31	0	0	9	0	0	17	29	+ 3	0	0.8	—	33.0	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	510	36	0	0	9	0	0	17	34	—	—	0.1	− 0.6	7.8	13
	Wana *	000	0	0	00	00	99	00	0	513	32	0	0	9	0	0	30	10	—	—	0.7	—	12.0	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	536	33	0	0	9	0	0	15	27	− 1	0	0.3	− 0.3	11.6	11
	Hindubagh *	000	0	0	27	02	97	00	0	[illegible]	32	0	0	9	0	0	13	18	—	—	0.5	—	6.3	—
	Loralai *	000	0	0	27	0.	99	00	0	537	33	0	0	9	0	0	24	29	—	—	0.1	—	5.7	9
	Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.5	− 0.4	35.0	14
	Quetta *	000	0	3	23	02	96	02	0	532	39	3	1	5	0	0	25	29	− 3	1	1.2	+ 0.1	7.5	9
	Chaman *	000	0	6	05	05	98	02	1	504	43	6	2	6	0	0	24	36	+ 6	+ 2	0.7	− 0.8	7.0	8
	Nushki *	000	0	6	05	09	98	03	0	546	54	6	0	9	4	0	34	50	—	—	0.1	—	3.9	—
	Dalbandin *	004	1	7	05	03	98	00	0	498	49	5	7	6	2	0	44	48	+ 8	+ 16	0.2	− 0.5	2.9	4
Kalat	Kalat *	000	0	0	18	05	98	00	0	512	31	0	0	9	0	0	31	29	− 1	+ 3	0.2	− 0.9	13.1	7
	Panjgur *	000	0	6	00	00	98	02	0	499	47	6	0	9	2	0	45	43	+ 1	+ 6	1.2	—	5.2	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at [illegible] hrs. G.M.T. of the same day.
Whenever 999 is given or 888 see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 28th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tamba maru	43 191	657 00	0 03 19	98 0 00	130 74	00 9 C0	35 6 05	...	05 4 63	...
Sachamaru	43 161	681 00	3 03 07	98 0 30	100 77	30 7 3x	75 4 10	...	05 2 67	...
BAY OF BENGAL										
Tabuakuri	43 060	881 00	8 05 12	97 2 52	045 79	74 4 2x	65 5 10	...	05 2 70	
Juldarkuri	43 060	860 00	3 04 08	98 0 21	124 81	12 4 41	66 5 50	...	05 1 76	10 4 21
Jagauga	43 195	868 06	1 02 09	99 0 11	165 76	...	...	...	—	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	011 118 088	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	00 00	009 172 158	128 182 172	...	148 093 085	...	308 508 508	430 572 572	570 665 678	735 765 802	939 845	214 998	...	...
Karachi ...	00 00	012 125 068	125 168 068	...	145 092 022	...	307 002 572	42? 576 628	569 655 692	734 755 992	939 828	212 032	393 155	...
Lahore ...	00 00	993 105 042	...	...	150 075 002	...	307 552 995	427 605 995	565 685 995	728 792 998	929 912	...	...	...
Multan ...														
Peshawar ...	00 00	976 062 552	...	...	149 122 515	...	311 045 422	434 528 685	576 608 762	745 692 993	954 825	235 875	925 888	...
Quetta ...	00 00	833 015 532	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...								...		
Jiwani ...	00 00	900 125 112	800 062 035	...	...	...	...	...	...	...	800 062 035	...	...
Karachi ...	00 00	900 112 008	800 052 532	...	...	...	...	...	...	...	800 052 532	...	...
Lahore ...	00 00	900 102 022	800 025 015	...	...	...	...	...	...	...	800 025 015	...	...
Multan ...													
Peshawar ...	00 00	930 128 005	900 125 502	800 102 552	...	...	...	...	...	...	800 102 552	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	[illegible]
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	32 10	35 10	06 07	08 11	...	...	...	...	...	15 01	11 07	06 07	02 08	04 06	...	09 01	12 02	06 06	05 11	05 08	20 10	23 19	25 35	26 49		
Chaklala ...	...	27 03	17 03	11 07	14 11	16 11	23 12	23 23	23 21	...	11 04	14 02	28 01	02 01	12 09	...	06 03	11 02	14 04	09 04	13 11	16 09	22 11	23 13	15 21	25 4
Chhor ...	01 12	36 10	01 10	01 11	36 17	32 17	28 31	...	...	04 13	03 12	02 10	01 17	34 19	31 16	04 15	04 20	04 19	01 21	01 17	33 12	26 17	27 25	30 31		...
Chittagong ...	...	...	...	...	...	...	...	...	...	04 03	02 04	19 13	22 14	23 17	25 21	10 05	34 06	23 14	21 17	20 23	20 26	...	...	...		
Cox's Bazar ...	33 12	22 03	20 07	19 09	17 09	19 11	...	...	...	35 09	21 04	19 09	21 12	20 13	...	32 06	29 07	20 06	22 10	19 16	22 17	...	...	...		
Dacca ...	34 10	02 09	02 12	11 04	18 03	27 11	29 37	24 49	24 54	01 07	01 03	25 03	24 14	22 13	22 10	30 04	32 02	29 04	24 08	24 20	23 19	25 35	25 46	26 56	27 78	28 9
Dalbandin ...	...	...	07 01	16 02	26 04	23 07	22 11	21 15	21 17	...	...	12 01	21 10	20 13	22 19	...	...	08 15	17 11	21 14	21 22	22 44	...	...	...	...
D. I. Khan ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	13 03	02 06	27 03	33 03	...	...	...	...	01 01	05 04	04 05	...	...	...	...	05 05	04 11	01 24	35 31	35 34		...
Fort Sandeman ...	...	...	...	36 03	02 03	02 05	29 06	27 06	27 07	...	...	...	23 01	36 08	34 07	...	...	...	25 01	03 05	35 08	30 17	29 24	29 32	28 43	...
Jacobabad ...	27 03	27 02	25 02	25 06	34 14	34 17	30 21	29 35	27 33	30 02	23 03	20 02	07 10	03 17	34 15	04 01	34 01	31 02	15 02	36 04	33 11	28 17	28 31	26 42	...	
Jessore ...	36 07	01 07	03 07	07 06	09 07	...	...	...	...	35 10	35 07	34 07	32 04	22 15	21 14	33 07	33 06	30 05	29 04	23 16	24 13	18 42	19 54	...		
Jhelum ...	23 01	18 02	17 02	11 03	11 11	15 12	20 00	20 15	22 20	01 03	23 05	32 03	03 02	07 02	11 10	35 02	26 06	23 03	09 03	12 07	14 16	22 10	22 10	26 15	27 29	...
Jiwani ...	14 07	16 10	17 10	21 07	24 06	32 13	26 18	26 35	27 41	...	...	...	...	...	...	05 12	29 04	28 11	24 17	28 23	...	...	...	...	...	...
Karachi ...	03 06	03 07	01 09	36 08	34 14	32 12	29 26	27 38	26 46	...	...	...	...	...	...	06 11	04 13	04 13	06 12	04 07	28 04	24 15	27 35	26 46	26 74	
Khanpur ...	13 04	36 04	36 04	xx xx	35 08	36 10	25 15	26 20	27 27	04 08	11 10	13 10	09 12	08 15	07 35	03 05	03 04	03 09	02 11	36 11	34 17	29 17	28 29	28 40	27 53	
Lahore ...	32 05	33 06	31 02	04 03	08 05	14 14	19 12	20 15	21 21	36 13	34 03	31 04	32 06	30 05	30 04	34 02	33 04	33 06	32 08	28 03	13 15	27 07	26 2	26 12	26 23	
Multan ...	14 04	14 03	21 03	31 05	01 06	36 05	24 05	20 11	21 17	04 06	02 05	36 04	31 01	23 03	30 04	31 04	28 03	29 03	34 04	33 11	32 17	29 29	...			
Muscat ...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Panjgur ...	...	...	...	21 06	25 07	29 09	28 22	...	...	...	...	...	23 11	23 15	20 10	...	...	...	21 12	21 12	22 11	...	...			...
Peshawar ...	...	29 04	34 07	04 03	07 06	10 07	14 07	22 14	22 20	...	02 01	18 04	34 05	04 05	13 10	...	12 06	23 09	31 09	06 05	09 08	19 09	23 10	23 12	26 22	...
Quetta ...	...	...	...	...	33 04	30 07	29 14	27 21	27 28	...	...	...	...	19 03	27 07	...	...	...	...	17 02	28 01	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	07 15	13 11	11 12	12 05	22 10	22 13	08 03	12 08	13 09	15 12	20 13	27 15	22 23	24 28	25 43	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	04 14	04 15	01 12	01 08	02 09	30 13	27 17	28 21	28 46	26 79	75 18	76 47	...	...	...	...	...	...
Peshawar ...	..	03 17	16 14	27 16	28 12	26 11	30 17	29 18	29 19	30 27	32 33	31 30	21 57	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

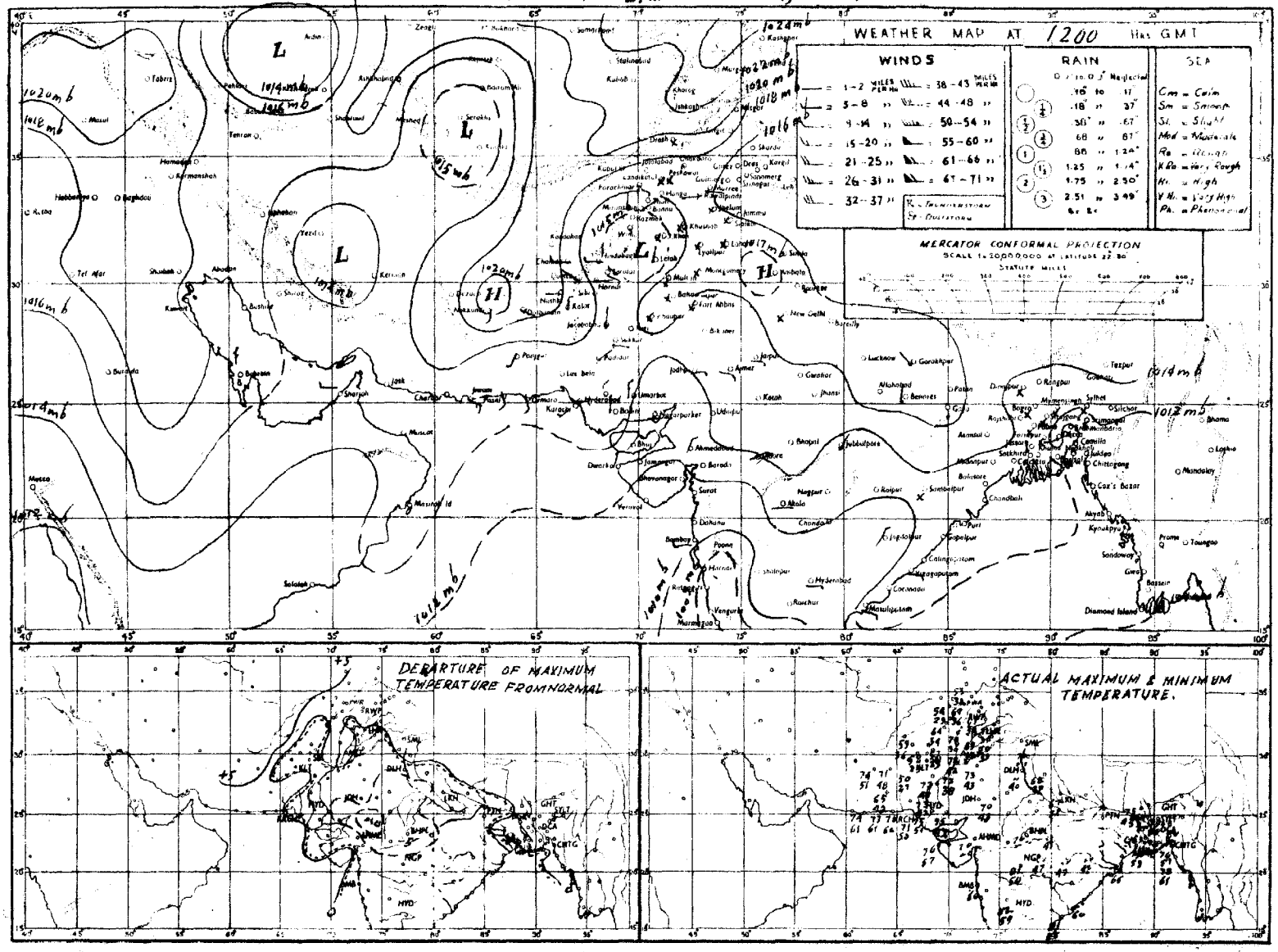
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 712 32 240

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

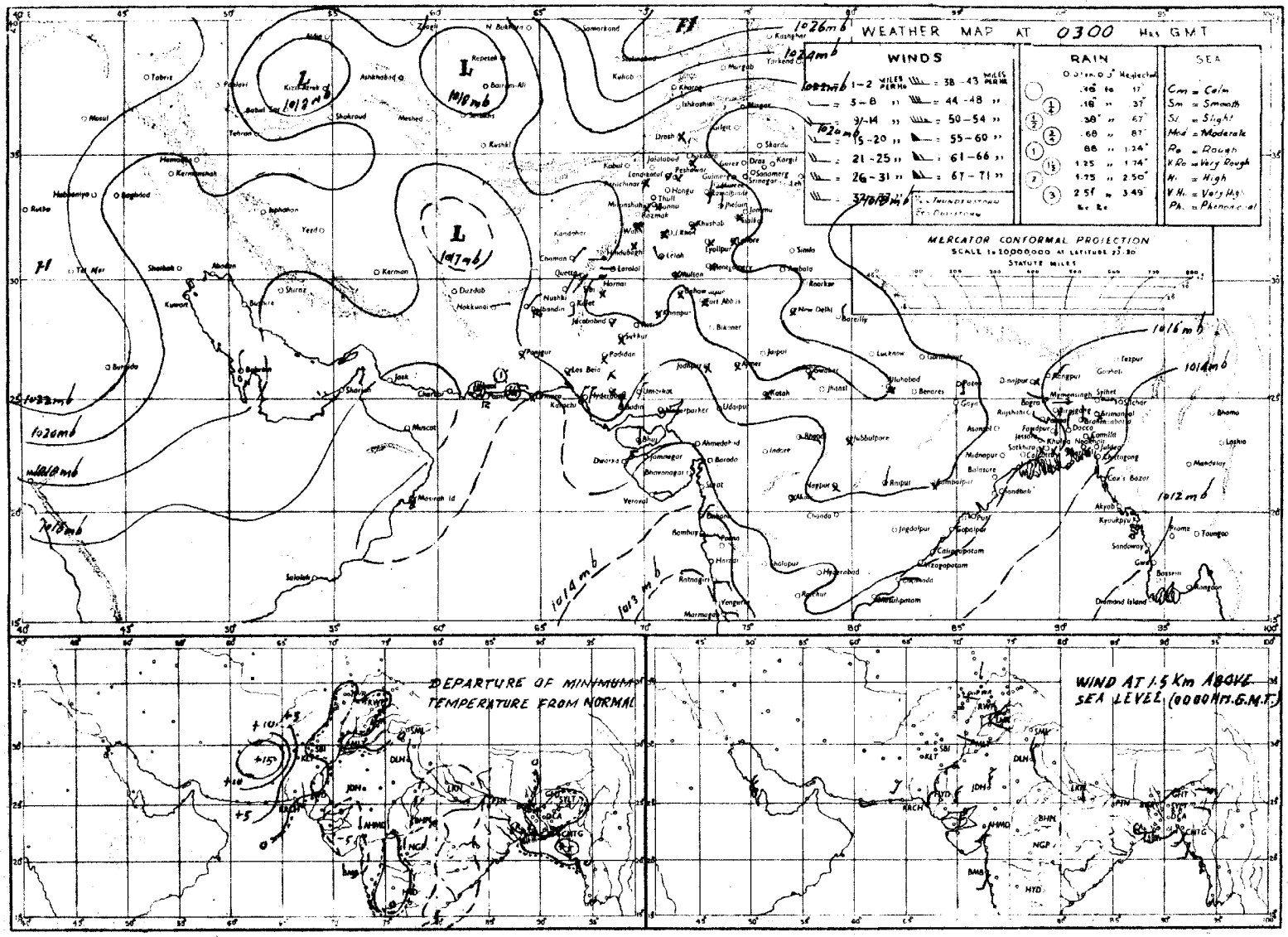
WEDNESDAY 27th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 28th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours

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Volume No. 15

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 29th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan moved away northeastwards.

Other western disturbance now lies to the north of Afghanistan.

Secondary western disturbance over southeast Iran has moved to Quetta division and its associated trough extends to north Arabian Sea.

Westerly low pressure wave over sub-himalayan West Bengal moved away eastwards.

Rain/thundershowers have been local in Quetta and Kalat divisions and scattered in Karachi division.

Chief amounts of rainfall are:— Jiwani ¾" Chaman and Pasni ½" each and Hindubagh, Nushki and Panjgur ¼" each.

Night temperatures were 10-17°F above normal in north Kalat division and 3-7°F so in Quetta and south Kalat divisions and 3-6°F below normal in Rajshahi, Dacca and Sargodha divisions.

Forecast valid until the evening of 30th December, 1961:—Rain/thundershowers will be local in Peshawar, D. I. Khan, Quetta and Kalat divisions and scattered in Khairpur and Karachi divisions and in Kashmir.

Karachi-11
The 29th December, 1961.

OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	36	02	xx	00	2	115	74	9	x	0	x	x	6?	01
	Cox's Bazar	000	0	3	31	03	xx	01	0	109	73	1	4	6	7	0	63	xx
	Chittagong	000	0	0	00	00	xx	01	1	112	71	2	0	9	0	2	52	80
	Maijdee Court	000	9	0	00	00	xx	10	2	117	70	0	0	9	0	0	54	79
	Comilla	000	0	0	00	00	97	02	0	004	70	0	0	9	0	0	54	81
	Brahmanbaria	000	0	0	00	00	xx	00	0	115	69	0	0	9	0	0	57	80
	Sylhet	000	0	0	00	00	xx	02	0	110	70	0	0	9	0	0	53	81
	Srimangal	000	0	0	00	00	92	00	0	xxx	63	0	0	9	0	0	56	82
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	116	70	0	0	9	0	0	58	80
	Narayanganj	000	9	1	00	00	xx	01	0	114	69	1	0	9	3	0	55	80
	Dacca (Tezgaon)	000	0	0	31	02	96	01	0	114	65	0	0	9	0	0	54	78
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	0	00	00	96	02	2	119	73	0	0	9	0	0	70	78
	Khulna	000	0	0	00	00	xx	00	0	117	68	0	0	9	0	0	61	72
	Satkhira	000	0	0	00	00	97	00	0	125	69	0	0	9	0	0	52	79
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	0	00	00	xx	02	0	118	66	0	0	9	0	0	58	76
	Sirajganj	000	0	0	00	00	xx	03	0	105	66	0	0	9	0	0	55	73
	Bogra	000	0	0	25	02	xx	02	0	114	69	0	0	9	0	0	57	78
	Dinajpur	000	0	0	00	00	xx	00	0	121	68	0	0	9	0	0	54	77
	Rangpur	000	0	0	00	00	xx	01	0	120	63	0	0	9	0	0	54	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	183	64	0	0	9	0	0	46	68
	Sialkot	000	0	0	00	00	97	00	0	180	64	0	0	9	0	0	47	65
Rawalpindi	Jhelum	000	0	0	00	00	97	01	0	177	66	0	0	9	0	0	41	70
	Rawalpindi	000	0	0	27	02	98	00	0	190	57	0	0	9	0	0	34	66
	Campbellpur	000	0	0	05	02	98	00	0	163	59	0	0	9	0	0	33	65
Sargodha	Khushab	000	0	0	00	00	99	00	0	177	70	0	0	9	0	0	36	73
	Lyallpur	000	0	0	00	00	96	00	0	181	67	0	0	9	0	0	40	67
Multan	Montgomery	000	0	0	00	00	96	00	0	183	67	0	0	9	0	0	45	73
	Multan	000	0	1	00	00	97	01	0	181	66	0	0	9	0	1	35	72
	Leiah	000	0	2	36	03	97	03	0	176	66	0	0	9	2	0	37	70
Bahawalpur	Khanpur	000	0	2	05	02	96	03	0	181	67	2	0	9	4	0	37	67
	Bahawalpur	000	0	0	00	00	98	00	0	140	66	0	0	9	0	0	55	70
	Fort Abbas	000	0	0	00	00	98	00	0	177	68	0	0	9	0	0	45	73
Peshawar	Chakdara	000	0	0	13	02	97	00	0	148	58	0	0	9	0	0	34	58
	Peshawar	000	0	0	00	00	97	02	0	196	62	0	0	9	0	0	28	67
	Haripur	000	0	0	18	02	98	00	0	177	60	0	0	9	0	0	40	66
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	179	64	0	0	9	0	0	41	70
	D. I. Khan	000	0	0	00	00	98	00	0	142	66	0	0	9	0	0	48	73
Quetta	Sibi	000	3	6	18	03	98	03	2	172	71	0	0	7	4	0	37	75
Kalat	Nokkundi	000	9	8	11	03	98	03	5	138	62	8	0	9	4	0	47	55
	Turbat	000	0	8	09	02	98	03	6	164	65	0	0	9	5	0	58	65
	Jiwani	017	5	8	13	05	97	02	9	162	69	2	2	6	7	x	61	69
	Pasni	028	7	8	34	03	97	20	6	167	66	8	7	7	0	0	60	68
Karachi Division	Ormara	000	0	6	09	04	96	03	1	155	73	6	7	5	4	0	58	76
	Lasbela	000	0	2	02	02	98	00	0	147	78	0	0	8	3	3	65	81
	Karachi (Manora)	000	0	0	09	10	98	02	0	158	72	0	0	9	0	0	59	77
	Karachi (Airport)	000	0	0	05	07	96	02	0	165	75	0	0	9	0	0	35	77
Hyderabad	Nagarparkar	000	0	0	07	02	97	00	0	023	76	0	0	9	0	0	53	76
	Umerkot	000	0	0	02	05	98	02	0	150	75	0	0	9	0	0	35	77
	Hyderabad	000	0	0	00	00	97	02	1	169	74	0	0	9	0	0	38	76
	Badin	000	0	0	36	02	97	00	0	180	75	0	0	9	0	0	41	76
Khairpur	Padidan	000	0	0	36	03	98	02	0	172	72	0	0	9	0	0	37	73
	Nawabshah	000	0	0	00	00	97	02	0	181	71	0	0	9	0	0	41	74
	Sukkur	000	3	2	36	03	96	03	0	170	71	0	0	9	0	3	49	73
	Kashmore	000	0	0	00	00	99	00	0	183	70	0	0	9	0	0	28	71
	Jacobabad	000	0	3	27	02	97	02	0	179	71	3	0	9	5	0	46	75
Junagadh	Veraval	000	0	0	27	09	97	02	0	124	25	0	0	9	0	0	16	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	000	0	5	36	02	98	02	2	530	04	0	0	9	0	0	54	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	3	00	00	96	01	0	104	19	0	0	9	0	8	09	25
	Alliabad *																	
	Gilgit *	000	0	3	00	00	99	01	0	519	30	0	0	9	0	2	21	46
Rawalpindi	Murree *	000	0	0	00	00	98	00	1	527	40	0	0	9	0	0	29	47
Peshawar	Drosh *	000	8	3	13	05	96	01	2	543	45	3	0	9	4	0	12	54
	Cherat *	000	0	0	02	05	98	00	0	549	xx	0	0	9	0	0	37	55
	Kakul *	000	8	0	34	02	99	01	1	529	51	0	0	9	0	0	26	59
	Landikotal *	000	0	0	23	02	99	00	0	579	52	0	0	9	0	0	23	55
	Parachinar *	000	0	0	11	06	99	00	0	538	48	0	0	9	0	0	13	55
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	513	61	0	0	9	0	0	20	66
	Wana *																	
Quetta	Fort Sandeman *	000	0	1	00	00	99	01	0	525	54	1	0	9	0	4	07	56
	Hindubagh *	000	6	6	09	03	97	00	0	489	50	0	0	7	0	2	27	51
	Loralai *	000	0	6	16	02	99	00	2	357	52	0	0	9	1	2	27	56
	Harnai *	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta *	000	0	4	23	03	96	02	0	525	48	4	1	5	0	0	30	52
	Chaman *	000	0	7	18	05	98	02	1	497	54	7	2	5	0	0	25	55
	Nushki *	000	0	9	13	05	97	03	0	543	61	9	6	6	0	0	38	63
	Dalbandin *	000	2	7	13	05	97	30	3	500	60	3	7	6	2	0	48	61
Kalat	Kalat *	003	9	0	09	05	98	20	6	493	43	x	x	7	x	x	39	51
	Panjgur *	000	0	0	23	05	97	20	5	503	57	8	7	6	0	0	45	60
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Could † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	0	2	36	02	97	01	0	158	67	2	2	6	0	0	54	59
Cox's Bazar	000	0	4	02	05	97	02	0	141	69	2	5	5	3	0	53	63
Chittagong	000	0	0	36	02	96	00	1	146	70	0	0	9	0	0	55	59
Maijdee Court	000	9	0	00	00	98	00	4	151	61	0	0	9	0	0	56	50
Comilla	000	0	0	31	05	97	02	0	136	58	0	0	9	0	0	54	49
Brahmanbaria	000	3	0	27	02	97	00	4	151	59	0	0	9	0	0	53	50
Sylhet	000	1	9	00	00	92	47	4	141	57	9	x	0	x	x	55	49
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	000	0	0	27	02	96	00	0	148	57	0	0	9	0	0	53	52
Narayanganj	000	9	0	31	02	94	10	4	149	58	0	0	9	0	0	54	52
Dacca (Tezgaon)	000	0	0	31	07	97	02	0	146	58	0	0	9	0	0	54	49
Faridpur	000	0	0	34	03	94	05	0	150	60	0	0	9	0	0	51	49
Barisal	000	0	0	18	01	97	02	2	150	62	0	0	9	0	0	57	53
Khulna	000	0	0	05	03	97	00	0	157	63	0	0	9	0	0	57	52
Satkhira	000	0	0	00	00	97	00	0	164	58	0	0	9	0	0	46	49
Jessore	000	0	0	31	05	97	00	0	155	55	0	0	9	0	0	51	46
Pabna	000	0	0	31	02	96	02	0	154	58	0	0	9	0	0	52	50
Sirajganj	000	0	0	31	02	97	00	0	150	60	0	0	9	0	0	51	50
Bogra	000	0	0	31	03	96	02	0	148	57	0	0	9	0	0	51	49
Dinajpur	000	0	0	00	00	96	00	0	151	55	0	0	9	0	0	47	43
Rangpur	000	6	0	31	02	94	42	4	151	53	0	0	9	0	0	50	48
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	94	10	0	191	39	0	0	9	0	0	37	37
Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum	000	0	1	05	02	96	03	0	186	38	0	0	9	0	1	33	37
Rawalpindi	000	0	4	00	00	97	10	1	205	35	0	0	9	0	3	31	34
Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khushab	000	0	0	00	00	99	00	0	191	37	0	0	9	0	0	32	35
Lyallpur	000	0	0	00	00	94	05	4	195	39	0	0	9	0	0	37	38
Montgomery	000	0	0	00	00	96	02	0	194	47	0	0	9	0	0	38	39
Multan	000	0	6	00	00	96	03	1	193	48	6	0	9	5	0	39	41
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	1	00	00	95	10	0	197	40	1	0	9	3	0	38	37
Bahawalpur	000	0	0	00	00	98	00	0	197	44	0	0	9	0	0	39	39
Fort Abbas	000	0	0	00	00	98	00	0	210	45	0	0	9	0	0	xx	41
Chakdara	000	0	0	36	02	97	00	0	197	39	0	0	9	0	0	31	33
Peshawar	000	0	6	00	00	97	03	1	200	43	4	0	9	2	2	26	40
Haripur	000	3	4	25	05	97	03	2	197	40	4	0	9	0	8	27	36
Bannu	000	2	8	00	00	98	03	0	193	45	0	0	9	6	0	32	41
D. I. Khan	000	3	7	00	00	98	02	1	189	43	0	0	9	7	0	31	37
Sibi	000	3	0	00	00	97	02	2	197	58	8	5	6	0	0	49	45
Nokkundi	000	0	0	34	03	98	02	1	204	45	0	0	9	0	0	36	43
Turbat	000	0	4	09	02	98	03	2	181	66	0	0	9	0	7	57	xx
Jiwani	083	7	7	34	02	98	02	9	179	59	7	0	9	3	0	52	57
Pasni	041	2	6	02	03	97	03	6	170	61	6	7	7	0	0	60	61
Ormara	003	3	8	23	05	95	60	6	182	60	9	7	4	x	x	xx	59
Lasbela	000	0	3	00	00	97	30	3	197	62	2	0	7	6	4	56	55
Karachi (Manora)	000	0	4	05	09	96	01	1	176	60	0	0	9	4	0	48	56
Karachi (Airport)	000	0	1	05	02	96	03	0	180	52	1	0	9	3	0	38	49
Nagarparkar	000	0	0	00	00	97	00	0	133	57	0	0	9	0	0	45	xx
Umerkot	000	0	0	02	01	97	02	0	173	49	0	0	9	0	0	35	44
Hyderabad	000	0	0	00	00	97	02	0	187	51	0	0	9	0	0	39	50
Badin	000	0	0	36	02	97	00	0	185	49	0	0	9	0	0	45	47
Padidan	000	0	6	00	00	96	03	1	191	48	6	0	9	7	0	41	43
Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sukkur	000	9	4	16	05	95	03	2	188	53	4	0	9	5	0	40	49
Kashmore	000	0	0	00	00	99	00	0	193	57	0	0	9	0	0	38	42
Jacobabad	000	0	7	31	03	97	02	1	192	56	2	4	8	5	0	41	53
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalalabad																	
Muscat																	
Kuwait																	
Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	000	0	0	31	02	96	00	0	136	04	0	0	9	0	0	01	03
Alliabad																	
Gilgit	000	0	0	00	00	99	00	0	626	28	0	0	9	0	0	28	27
Murree	000	2	5	02	19	98	02	1	512	39	5	1	4	1	0	13	35
Drosh	000	1	6	00	00	96	03	2	570	35	6	0	9	3	0	18	32
Cherat	000	0	0	29	11	98	00	0	520	47	0	0	9	0	0	30	38
Kakul	000	2	6	31	05	97	03	1	512	41	0	0	9	0	0	21	37
Landikotal	000	0	6	00	00	97	03	2	505	37	0	0	9	0	8	24	34
Parachinar	000	0	6	00	00	98	03	0	523	37	6	6	8	0	0	19	30
Miranshah	000	0	6	00	00	98	03	2	492	43	6	4	8	0	0	20	35
Wana																	
Fort Sandeman	000	0	7	00	00	98	03	0	530	42	7	5	7	x	0	12	32
Hindubagh	018	2	8	25	02	94	00	0	519	33	8	8	3	0	0	31	22
Loralai	000	0	8	00	00	97	02	2	348	41	0	4	7	1	2	30	30
Harnai	014	9	8	27	02	95	21	6	xxx	xx	9	3	4	3	7	xx	xx
Quetta	017	5	8	23	02	94	02	6	514	36	8	8	5	0	0	33	29
Chaman	039	4	8	18	05	97	02	6	500	45	8	2	4	0	0	38	39
Nushki	018	0	9	09	05	97	20	5	547	51	9	6	6	0	0	45	49
Dalbandin	xxx	9	6	00	00	97	03	6	605	51	4	5	6	4	0	48	49
Kalat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	018	5	8	00	00	98	02	1	504	49	8	0	9	7	0	47	47
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall†

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—	—	0.1	—	155.5	—
Cox's Bazar	—	+ 7	0.9	— 3.3	156.7	140
Chittagong	+ 3	+ 4	0.1	— 2.7	170.7	108
Maijdee Court	+ 1	— 7	0	— 1.8	122.6	115
Comilla	+ 4	— 4	0	— 1.5	76.9	94
Brahmanbaria	—	—	1.3	0	65.4	78
Sylhet	—		0.1	—	—	
Srimangal	+ 3					98
Mymensingh	+ 4	— 1	0.3	— 0.7	62.1	91
Narayanganj	+ 4	— 3	0.4	— 0.8	73.0	74
Dacca (Tezgaon)	—		0	—	81.2	—
Faridpur		— 3	0	— 1.2	87.9	71
Barisal	+ 2	+ 3	0	— 1.8	65.4	81
Khulna	+ 1	— 1	0	— 1.3	57.3	68
Satkhira	+ 1	— 2	0	— 1.9	54.3	65
Jessore		— 6	0	— 1.1	59.0	65
Pabna	—	—	0.1	—	50.5	59
Sirajganj	+ 3	— 2	0.7	— 0.1	50.0	64
Bogra	+ 3	— 4	0.3	— 0.6	53.6	69
Dinajpur	+ 2	— 6	0.1	— 0.4	51.8	72
Rangpur	0	— 1	0.2	— 0.3	60.4	84
Jammu						—
Lahore (Jail Rd.)	— 2	— 2	0.3	— 0.3	51.4	19
Sialkot	— 2					32
Jhelum	—	—	1.1	—	35.9	
Rawalpindi	+ 2	— 3	4.2	+ 2.8	54.4	36
Campbellpur	—					—
Khushab	+ 5	— 5	0	— 0.5	11.2	15
Lyallpur	0	— 2	0.1	— 0.2	14.0	12
Montgomery	+ 4	— 2	0.1	— 0.1	10.3	10
Multan	+ 3	0	0	— 0.3	7.5	7
Leiah	—					8
Khanpur	— 6	— 4	0	— 0.3	12.6	6
Bahawalpur	— 1	— 2	0	— 0.2	4.9	6
Fort Abbas	—	—	0	—	3.1	8
Chakdara	—	—	2.4		27.8	—
Peshawar	+ 3	0	1.4	+ 0.5	19.2	11
Haripur	—	—	2.1	—	3.1	—
Bannu	—	—	0.5	—	14.4	11
D. I. Khan	+ 4	— 2	0	— 0.4	7.7	9
Sibi	—	—	0.1	—	5.7	8
Nokkundi	—	—	0	—	1.0	2
Turbat	—	—	1.9	—	13.3	—
Jiwani	—	—	1.8	—	5.6	5
Pasni	— 8	+ 7	0.7	— 0.3	6.0	6
Ormara	—	—	0.5	0	10.4	4
Lasbela	—	—	0	—	0	8
Karachi (Manora)	— 1	— 2	0	— 0.3	9.9	8
Karachi (Airport)	—	—	0.1	—	24.7	—
Nagarparkar	—	—	0	—	27.3	—
Umerkot	—	—	0	—	18.1	—
Hyderabad	— 1	— 1	0	— 0.1	12.9	7
Badin	— 1	— 2	0	— 0.3	14.8	9
Padidan	—	—	0	—	11.1	—
Nawabshah	—					—
Sukkur	—	—	0	—	2.2	4
Kashmore	—	—	0	—	1.8	—
Jacobabad	+ 3	+ 9	0.2	— 0.1	8.5	4
Veraval	—					20
Jalalabad						
Muscat						4
Kuwait						5
Srinagar	—					26
Gulmarg						—
Sonamarg						71
Dras						24
Leh						3
Skardu						6
Misgar	—	—				—
Alliabad						—
Gilgit	—	—				5
Murree	+ 1	+ 2	4.1	+ 1.7	73.3	59
Drosh	+ 6	+ 1	1.1	—	24.1	18
Cherat	+ 4	— 2	2.2	— 0.5	35.6	29
Kakul	—	—	5.1	—	41.4	—
Landikotal	—	—	2.1	—	15.2	—
Parachinar	+ 4	+ 1	0.8	—	30.0	29
Miranshah	—	—	0.1	— 0.6	7.8	13
Wana						11
Fort Sandeman	— 1	+ 3	0.3	— 0.3	11.6	11
Hindubagh	—	—	0.7	—	6.5	—
Loralai	—	—	0.1	—	5.7	9
Harnai	—	—	0.7	+ 0.3	35.1	14
Quetta	— 1	— 1	1.4	+ 0.1	7.6	9
Chaman	+ 2	+ 5	1.1	— 0.4	2.4	8
Nushki	—	—	0.3	—	4.1	—
Dalbandin	— 2	+ 17	0.2	— 0.5	2.9	4
Kalat	0					7
Panjgur	— 4	+ 10	0.4	—	5.4	8
Kabul						12
Kandahar						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 [illegible]
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the [illegible]
Whenever RR is given as [illegible] on the summary sheet for the [illegible]

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 29th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sCh_sh_s$	0$T_aT_aT_dT_d$	$I_dd_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Selhomaru	53 200	637 00	0 04 09	99 0 20	125 73	00 9 00	75 1 05	---	05 2 59	
British Consul	53 187	573 00	2 05 05	99 0 21	145 74	21 7 00	54 6 02	---	05 3 61	10 5 20
Sernia	53 145	577 06	7 30 05	98 8 02	187 70	22 4 30	26 2 30	---	05 1 57	13 0 21
Sechomaru	53 208	627 06	0 04 10	99 0 28	176 73	00 9 00	75 2 40	---	05 2 67	
Velletis	53 262	567 06	7 08 13	97 6 46	178 70	67 2 xx	26 2 32	---	05 4 52	18 7 03
Reyadhmaru	53 259	701 06	2 02 10	98 0 20	138 82	21 4 00	xx x xx	---	00 2 xx	10 2 21
Velletis	53 251	579 12	3 07 06	98 0 11	156 72	33 3 00	35 6 10	---	05 4 61	10 7 21
Reyadhmaru	53 169	685 12	5 02 12	93 0 20	120 83	21 4 30	76 4 00	---	00 4 xx	10 2 21
Serania	53 232	589 12	1 20 07	99 0 21	155 73	12 x 20	36 6 14	---	05 3 59	12 0 22
Riyadhmaru	53 179	671 18	0 02 06	98 0 20	140 79	00 9 00	76 2 10	---	00 0 xx	10 2 21
Velletis	53 243	590 18	2 99 06	99 1 33	182 72	23 3 00	35 1 13	---	05 5 57	10 0 x0
Indian Shipper	53 223	683 18	0 36 13	98 0 20	173 72	00 9 00	56 1 06	---	00 4 67	---

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd				HHHTTTTdTdTd					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00													
Jiwani	00 20	010 152 118												
Karachi	00 00	014 142 092	195 165 102		158 098 012		314 002 558	437 562 578	578 622 995	745 718 995	955 790	230 030	412 132	
Lahore	00 00	992 118 045	147 xxxxx		146 075 545		308 005 995	430 590 990	568 700 990	729 810 990	930 980			
Multan														
Peshawar	00 00	977 062 535			150 128 535		312 012 662	430 575 555	573 655 825	737 768 998	939 900			
Quetta	00 00	833 018 108												

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached: PPPTTTTdTdTd	TROPOPAUSE: st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	MISDA									MISDA		
Jiwani	00 20	MISDA									MISDA		
Karachi	00 00	900 145 042	800 065 512								800 065 512		
Lahore	00 00	900 095 522	800 055 602								800 055 602		
Multan													
Peshawar	00 00	941 162 005	900 152 515	800 095 555							800 095 855		
Quetta	00 00	MISDA									MISDA		

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

Sc - Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	31 06	32 07	34 06	08 06	35 06	29 07	26 31			33 17	34 14	06 11	11 10			31 15	31 12	32 09	32 09	28 19	27 28					
Chaklala		15 01	16 01	12 04	11 06	12 12	27 07	28 18	21 12		31 02	06 05	11 09	xx xx	18 07		23 01	24 03	07 01	13 05	13 12	22 13	23 19	23 23	25 24	
Chhor	04 07	05 44	04 08	36 07	33 09	25 13	26 38	26 53	27 71	05 18	05 13	06 12	06 05	30 05	26 05	06 15	06 15	06 13	10 32	05 25	05 25	25 30	25 41	25 04	25 79	
Chittagong	36 04	03 04	31 08	24 15	20 21	23 24				34 15	34 09	28 07	25 22	25 29	24 37	31 03	36 04	28 05	28 15	28 15	27 21	27 31	28 41			
Cox's Bazar	36 04	36 05	30 06	24 10	20 12					35 14	33 09	24 10	24 10			35 07	29 09	27 09	27 22	25 23	25 19					
Dacca	31 08	31 07	31 05	25 07	26 13	26 21	26 33			33 12	34 06	32 10	26 13	27 17	28 25	32 10	33 13	33 14	30 20	29 31	28 28	28 54	28 85	28 05	78	
Dalbandin				17 06	18 10	20 14	21 27	21 20				15 02	21 14	22 20				35 04	25 07	27 12	24 15	25 25	25 21	25 29	24 57	24 83
D. I. Khan																										
Drosh					03 05	01 07	14 03	16 07	16 12				09 02	01 02	01 04					25 01	27 01	16 01				
Fort. Sandeman				03 04	03 06	34 12	29 22	27 31	27 28				12 03	18 02	15 07				01 03	05 04	19 07					
Jacobabad	20 01	11 01	12 03	11 04	35 03	25 07	25 21	28 31	27 38	10 07	11 03	13 02	15 04	18 07		05 02	16 03	19 06	23 08							
Jacobabad	20 08	31 08	31 09	26 08	27 13	25 22				35 16	35 11	34 11	28 13	30 19	28 17	35 12	34 13	34 13	31 17	30 19	29 30	29 41	29 47	28 44		
Jhelum	29 01	32 02	33 01	11 03	13 09	14 08	27 15	29 24	30 29	29 07	34 11	35 08	03 06	10 06	10 10	30 06	31 14	32 02	29 07	14 05	14 10	17 08	22 11	24 12	24 27	
Jiwani	13 10	14 09	27 05	25 10	27 15	29 28				01 04	34 08	20 12	28 23	28 22		24 09	32 08	31 12	29 13	29 20	27 15					
Karachi	07 08	06 08	06 09	06 12	03 07	25 29	24 21	25 41	25 53	01 08	01 09	01 08	01 14	01 18	35 23	07 14	07 15	05 13	05 06	27 04	21 09	26 32	25 56	25 74	24 87	
Khanpur	05 04	01 06	01 08	36 10	36 12	33 15	28 16	28 16	27 37	35 06	34 10	35 09	34 07	06 05	10 06	10 07	05 07	05 07	02 09	36 14	01 13	23 19	24 21	23 25		
Lahore	34 03	32 05	32 07	30 05	17 04	11 09	29 15	29 28	29 29	03 04	04 05	05 09	04 13	29 03	27 09	32 04	29 07	29 06	02 02	14 03	20 04	24 11	25 16	26 14	25 13	
Multan	12 01	33 02	32 05	33 11	34 11	31 12	28 20	28 25		22 02	10 03	05 03	02 08	31 06	23 10	22 19	24 25	24 28	26 48							
Muscat																										
Panjgur	No	Ascent											26 10	29 15	27 17				25 05	27 06	25 09	25 35				
Peshawar		33 01	33 04	33 06	03 06	06 05	29 10	29 20	30 28		33 04	24 05	33 13	03 11	07 07					21 03	24 07					
Quetta					20 03	18 06								23 02	20 06											
Sharjah																										
Sylhet	20 05	09 01	09 01	19 07	22 16	23 17				14 09	19 04	19 06	20 09	27 12	26 19	23 05	24 04	25 05	26 05	26 05	29 13	28 41	28 63	28 64		
Veraval																										

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA* FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda 05 10																	
Karachi		04 15 33 03	06 11 24 04	06 05 34 44	29 05 05 38	27 10 09 13	25 30 13 12	25 58 01 19	25 70 34 28	25 99 33 54	75 23 29 54	75 57 30 51	30 73					
Peshawar																		
Quetta																		

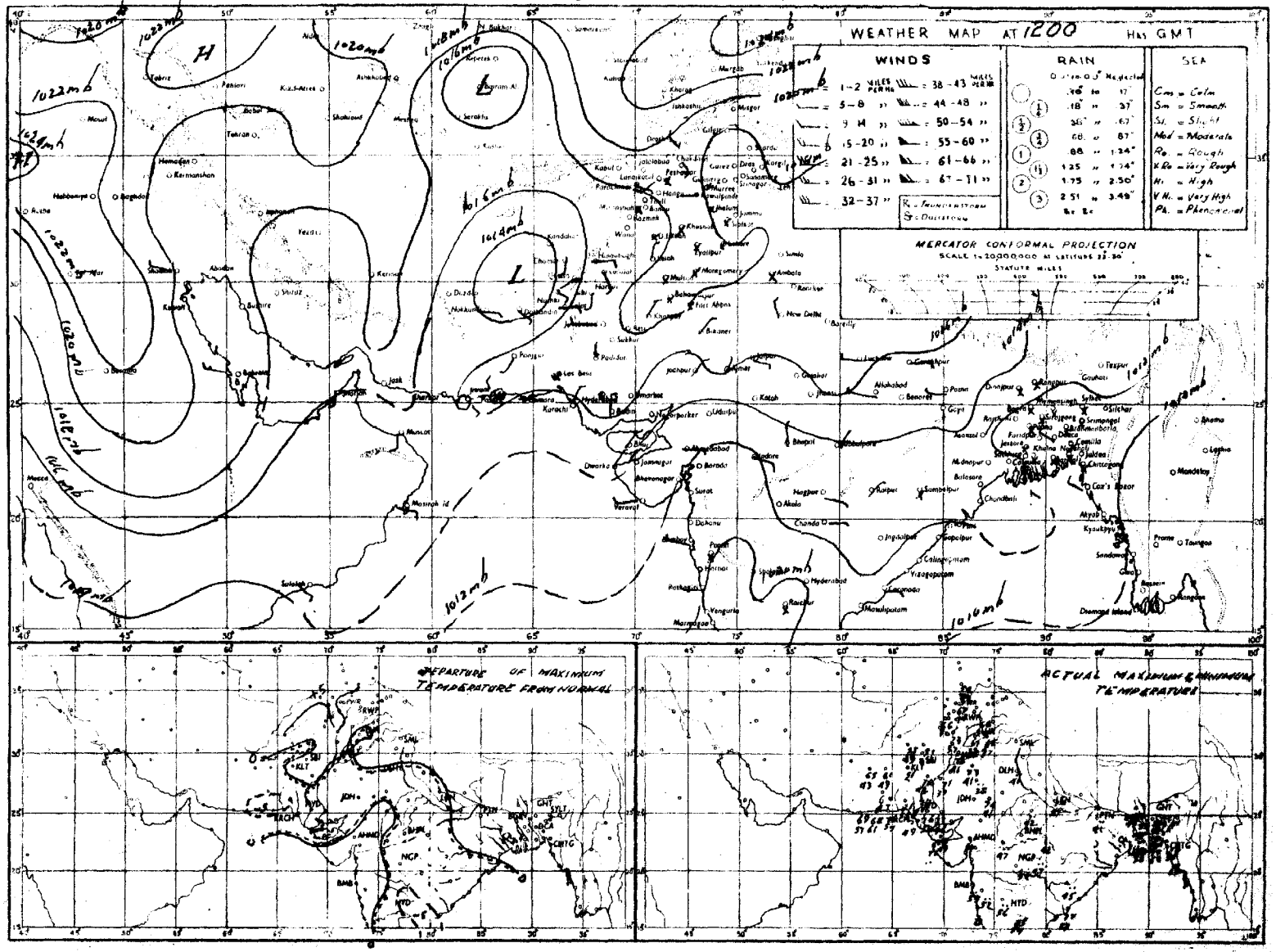
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added on "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Photographic, Weather Central, Air [illegible]

PAKISTAN DAILY WEATHER MAP

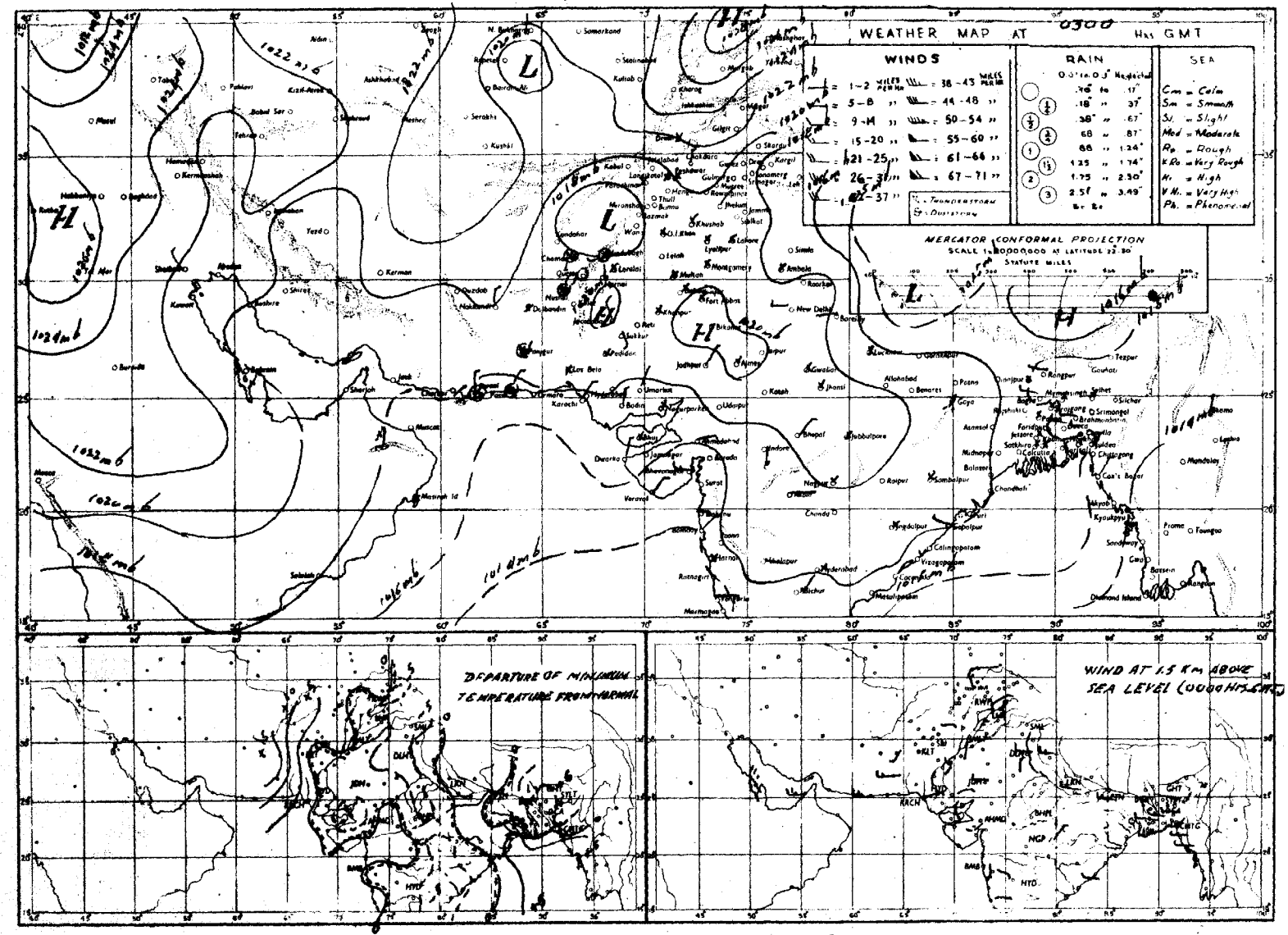
THURSDAY 28th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 29th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

PAKISTAN DAILY WEATHER REPORT

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SATURDAY THE 30th DECEMBER, 1961.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan moved away northeastwards.
Its secondary over Quetta division is now moving across Kashmir and adjoining areas.
A fresh western disturbance is moving across north of Afghanistan with its associated trough extending to Quetta division.
Local rain has been reported from Quetta division and scattered from Karachi division.
Chief amounts of rainfall are:—Chaman ¾" and Hindubagh ½".
Night temperatures were 3-7°F above normal over West Pakistan outside Rawalpindi division.
Forecast valid until the evening of 31st December, 1961:—Rain/Snow will be local in Peshawar division and Kashmir and scattered in D.I. Khan, Quetta and Rawalpindi divisions.

Karachi-11
The 30th December, 1961.

OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	9	36	02	xx	00	0	125	71	9	x	0	x	x	53	80
	Cox's Bazar ...	000	0	0	31	05	xx	02	0	114	68	0	0	9	0	0	58	77
	Chittagong ...	000	0	0	00	00	xx	00	0	118	68	0	0	9	0	0	51	79
	Maijdee Court ...	000	9	0	00	00	xx	10	0	119	67	0	0	9	0	0	55	75
	Comilla ...	000	0	0	00	00	xx	02	0	106	70	0	0	9	0	0	54	77
	Brahmanbaria ...	000	0	0	00	00	xx	00	0	122	67	0	0	9	0	0	57	77
	Sylhet ...	000	0	0	00	00	xx	02	0	114	66	0	0	9	0	0	50	76
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	0	00	00	xx	00	0	123	67	0	0	9	0	0	55	75
	Narayanganj ...	000	9	0	00	00	xx	05	4	119	69	0	0	9	0	0	55	77
	Dacca (Tezgaon) ...	000	0	0	31	05	97	02	0	116	65	0	0	9	0	0	51	76
	Faridpur ...	000	0	0	00	00	95	05	0	126	68	0	0	9	0	0	58	74
Khulna	Barisal ...	000	0	0	00	00	96	02	2	123	69	0	0	9	0	0	57	76
	Khulna ...	000	0	0	00	00	xx	00	0	123	68	0	0	9	0	0	61	75
	Satkhira ...	000	0	0	00	00	97	00	0	123	69	0	0	9	0	0	51	75
	Jessore ...	000	0	0	31	03	97	00	0	121	63	0	0	9	0	0	55	76
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj ...	000	0	0	00	00	xx	00	0	106	65	0	0	9	0	0	54	75
	Bogra ...	000	0	0	00	00	xx	02	0	120	64	0	0	9	0	0	53	75
	Dinajpur ...	000	0	0	00	00	xx	00	0	121	65	0	0	9	0	0	50	76
	Rangpur ...	000	8	0	00	00	xx	01	4	128	63	0	0	9	0	0	54	76
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	4	4	00	00	96	02	1	141	66	4	0	9	7	0	44	69
	Sialkot ...	000	2	7	00	00	97	02	1	139	59	7	5	6	x	x	46	64
Rawalpindi	Jhelum ...	000	4	7	31	03	98	02	2	139	60	6	0	9	7	1	36	69
	Rawalpindi ...	000	0	7	27	02	97	02	2	153	54	6	5	6	6	0	31	58
	Campbellpur ...	000	0	8	05	01	97	02	2	145	55	0	0	9	8	0	40	76
Sargodha	Khushab ...	000	0	3	00	00	99	00	0	148	65	0	3	9	0	0	33	xx
	Lyallpur ...	000	0	6	00	00	96	02	0	146	66	6	0	9	5	0	41	67
Multan	Montgomery ...	000	0	0	00	00	96	00	0	154	65	0	0	9	0	0	45	73
	Multan ...	000	0	5	00	00	97	02	1	149	66	0	0	9	0	0	39	71
	Laiah ...	000	0	7	18	02	96	03	2	142	65	0	0	0	7	0	37	69
Bahawalpur	Khanpur ...	000	0	6	00	00	96	03	1	156	67	3	6	7	3	0	41	71
	Bahawalpur ...	000	0	0	00	00	98	00	0	142	67	0	0	9	0	0	58	69
	Fort Abbas ...	000	0	0	00	00	98	00	0	158	61	0	0	9	0	0	51	69
Peshawar	Chakdara ...	000	0	7	13	01	96	00	0	153	52	7	0	9	6	0	34	53
	Peshawar ...	000	0	7	00	00	95	04	2	155	57	1	5	6	2	4	37	63
	Haripur ...	000	4	6	23	03	97	03	2	123	60	6	0	9	4	0	42	67
D. I. Khan	Bannu ...	000	0	8	00	00	98	03	2	179	59	0	0	9	8	0	41	60
	D. I. Khan ...	000	6	6	00	00	98	02	1	106	62	0	0	9	1	0	42	67
Quetta	Sibi ...	000	9	8	00	00	98	02	2	162	66	8	5	6	0	0	44	67
Kalat	Nokkundi ...	000	0	0	34	09	98	02	0	141	61	0	0	9	0	0	38	69
	Turbat ...	000	0	2	29	03	98	01	2	149	69	0	0	9	0	7	56	72
	Jiwani ...	000	0	3	11	05	98	01	1	157	70	3	2	6	0	0	60	71
	Pasni ...	000	8	6	11	09	98	03	1	153	68	4	4	7	4	0	63	70
Karachi Division	Ormara ...	010	7	5	20	00	96	01	6	149	70	5	1	5	4	0	63	70
	Lasbela ...	000	0	4	00	xx	xx	xx	x	146	69	0	0	7	6	7	65	80
	Karachi (Manora) ...	000	0	6	27	14	98	03	2	150	73	0	0	9	7	0	61	76
	Karachi (Airport) ...	000	0	3	25	09	96	03	0	149	72	3	0	9	5	0	44	78
Hyderabad	Nagarparkar ...	000	0	0	34	01	97	00	0	125	78	0	0	9	0	0	58	82
	Umarkot ...	000	0	0	34	02	98	02	0	130	75	0	0	9	0	0	41	77
	Hyderabad ...	000	0	2	36	03	97	03	0	147	71	2	0	7	2	0	38	76
	Badin ...	000	0	0	36	02	97	00	0	135	75	0	0	9	0	0	38	79
Khairpur	Padidan ...	000	0	7	36	03	97	03	1	151	69	7	0	9	2	0	37	71
	Nawabshah ...	000	0	1	31	01	97	02	0	152	71	1	0	9	3	0	38	73
	Sukkur ...	000	8	6	18	02	97	03	2	152	72	6	0	9	6	1	45	74
	Kashmore ...	000	0	6	00	00	99	00	2	178	69	6	1	6	0	0	25	71
	Jacobabad ...	000	0	6	36	02	97	02	2	159	66	4	5	7	5	0	48	67
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...	000	0	8	00	00	96	03	1	525	40	8	4	6	x	x	54	43
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skardu * ...																	
	Misgar ** ...	000	0	5	13	02	9x	03	8	093	20	0	0	9	8	0	09	27
	Aliabad * ...																	
	Gilgit * ...	000	0	8	00	00	97	02	2	601	30	8	5	8	x	x	27	41
Rawalpindi	Murree * ...	000	9	8	07	02	97	03	1	489	42	8	6	5	x	x	12	48
Peshawar	Drosh * ...	000	8	8	00	03	95	03	2	524	46	8	5	7	x	x	19	48
	Cherat * ...	000	0	8	05	11	98	03	0	592	48	8	6	6	0	0	34	50
	Kakul * ...	000	8	7	31	03	99	02	2	492	50	3	7	7	2	0	24	51
	Landikotal * ...	000	0	7	23	02	97	01	2	488	50	7	0	9	7	x	24	51
	Parachinar * ...	000	0	6	07	04	96	03	1	517	46	6	0	8	0	8	22	53
D.I. Khan	Miranshah * ...	000	0	4	05	05	98	03	2	488	62	4	4	9	0	0	18	66
	Wana * ...	000	0	7	00	00	99	01	1	509	52	7	2	9	0	0	26	54
Quetta	Fort Sandeman * ...	000	0	8	27	01	99	03	0	503	50	8	5	6	x	0	24	52
	Hindubagh * ...	019	0	8	27	02	96	00	0	494	36	8	8	5	0	0	34	xx
	Loralai * ...	000	0	6	18	02	98	02	2	373	46	0	4	8	2	1	39	48
	Harnai * ...	008	9	8	09	01	96	21	6	xxx	xx	7	3	4	3	7	xx	xx
	Quetta * ...	011	4	8	18	02	96	02	6	523	39	8	8	5	0	0	37	40
	Chaman * ...	053	2	8	36	05	97	02	6	491	46	8	8	4	0	0	37	47
	Nushki * ...	007	0	9	23	13	96	23	5	523	54	9	6	6	0	0	46	55
	Dalbandin * ...	000	8	1	23	09	96	01	1	502	68	1	1	7	0	0	38	62
Kalat	Kalat * ...	011	8	0	13	05	98	02	6	472	41	x	x	8	x	x	32	47
	Panjgur * ...	000	0	5	23	02	98	03	1	486	59	5	6	6	0	0	35	60
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall ‡

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Departure from normal (40)	Since 1st January, 1961 to date (41)	Annual Normals (42)
Chittagong	Rangamati ...	000	4	0	36	02	96	00	4	170	61	0	0	9	0	0	55	56	—	—	0.1	—	155.6	—
	Cox's Bazar ...	000	0	0	36	09	97	00	0	142	67	0	0	9	0	0	56	57	— 1	+ 1	1.3	— 3.2	156.7	140
	Chittagong ...	000	0	0	02	03	96	00	0	153	65	0	0	9	0	0	51	53	+ 2	— 2	0.1	— 2.7	170.7	108
	Maijdee Court ...	000	9	0	36	02	98	00	4	162	65	0	0	9	0	0	52	52	— 3	— 5	0	— 1.8	122.6	118
	Comilla ...	000	0	0	00	00	97	00	0	157	62	0	0	9	0	0	55	50	0	— 3	0	— 1.6	77.0	94
	Brahmanbaria ...	000	0	0	36	02	97	00	0	167	62	0	0	9	0	0	51	52	—	—	1.3	0	65.4	78
	Sylhet ...	000	0	0	09	09	96	00	0	165	62	0	0	9	0	0	53	51	—	—	0.1	—		—
	Srimangal ...	000	0	0	00	00	95	00	0	x4n	58	0	0	9	0	0	51	42		— 5	1.0	— 0.7	52.1	98
Dacca	Mymensingh ...	000	0	0	27	02	97	00	0	175	58	0	0	9	0	0	52	59	— 1	— 3	0.3	— 0.7	62.1	91
	Narayanganj ...	000	7	0	00	00	94	10	4	159	61	0	0	9	0	0	52	52	+ 1	— 3	0.4	— 0.8	73.0	74
	Dacca (Tezgaon) ...	000	0	0	36	02	96	02	0	160	61	0	0	9	0	0	53	48	—	—	0	—	81.2	—
	Faridpur ...	000	0	0	34	03	94	05	0	159	62	0	0	9	0	0	51	48	0	— 4	0	— 1.2	87.9	71
Khulna	Barisal ...	000	0	0	05	02	97	02	2	161	60	0	0	9	0	0	58	53	0	— 1	0	— 1.8	65.4	81
	Khulna ...	000	0	0	00	00	97	00	0	167	65	0	0	9	0	0	57	51	— 2	0	0	— 1.3	57.3	60
	Satkhira ...	000	0	0	36	03	97	00	0	171	61	0	0	9	0	0	47	48	— 3	— 3	0	— 1.9	54.3	68
	Jessore ...	000	0	0	36	03	97	00	0	169	61	0	0	9	0	0	49	48	0	— 4	0	— 1.1	59.0	65
Rajshahi	Pabna ...	000	0	0	31	05	96	00	0	172	59	0	0	9	0	0	51	49	—	—	0.1	—	50.5	59
	Sirajganj ...	000	0	0	05	02	97	00	0	172	60	0	0	9	0	0	51	48	0	— 4	0.7	— 0.1	50.0	64
	Bogra ...	000	0	0	02	02	96	00	0	163	58	0	0	9	0	0	50	49	0	— 4	0.3	— 0.6	53.6	69
	Dinajpur ...	000	0	0	00	00	96	00	0	179	61	0	0	9	0	0	49	42	+ 1	— 7	0.1	— 0.4	51.8	72
	Rangpur ...	000	6	0	36	02	94	42	4	174	54	0	0	9	0	0	50	44	+ 1	— 5	0.2	— 0.3	60.4	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	6	8	00	00	95	10	0	160	48	2	5	7	7	1	41	46	— 1	+ 7	0.3	— 0.1	51.4	19
	Sialkot ...	000	0	8	00	00	96	02	2	162	50	8	5	6	1	1	45	43	— 3	+ 2	3.0	+ 2.1	37.9	32
Rawalpindi	Jhelum ...	000	9	6	36	02	96	01	2	150	44	2	7	6	1	4	39	37	—	—	1.1	—	35.9	
	Rawalpindi ...	000	0	7	00	00	96	01	2	160	44	5	1	7	7	0	37	35	— 6	— 2	4.2	+ 2.7	54.4	36
	Campbellpur ...	000	0	6	31	02	97	02	2	157	43	0	0	9	5	0	36	xx	—	—	0.6	—	27.1	—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	161	38	0	0	9	0	0	33	35	x	— 5	0	— 0.5	11.2	15
	Lyallpur ...	000	0	5	00	00	96	02	0	162	45	5	0	9	4	0	40	38	0	— 2	0.1	— 0.2	14.0	12
Multan	Montgomery ...	000	0	5	00	00	96	02	0	157	50	5	0	5	3	0	39	39	+ 4	— 2	0.1	— 0.2	10.3	10
	Multan ...	000	0	7	00	00	95	05	1	160	49	4	5	6	5	0	40	xx	+ 2	x	0	— 0.3	7.5	7
	Laiah ...	000	0	2	18	01	97	01	0	143	45	0	0	9	7	0	34	37	—	—	0	—	10.6	8
Bahawalpur	Khanpur ...	000	0	0	00	00	96	05	0	162	53	3	6	6	4	0	48	51	— 2	+ 10	0	— 0.3	12.6	6
	Bahawalpur ...	000	0	8	00	00	98	00	0	151	50	0	0	9	0	9	41	43	— 2	+ 2	0	— 0.2	4.9	6
	Fort Abbas ...	000	0	0	00	00	98	00	0	179	50	0	0	9	0	0	33	xx	—	—	0	—	3.1	8
Peshawar	Chakdara ...	000	0	5	00	00	96	02	0	157	50	5	0	9	3	0	39	39	—	—	2.4	—	27.8	—
	Peshawar ...	000	0	5	00	00	97	03	4	160	43	1	5	6	3	0	26	42	— 1	+ 2	1.4	+ 0.4	19.2	11
	Haripur ...	000	5	7	05	03	97	03	0	145	47	7	5	6	0	0	33	39	—	—	2.1	—	3.1	—
D. I. Khan	Bannu ...	000	0	0	00	00	97	10	1	161	41	0	0	9	0	0	32	41	—	—	0.5	—	14.4	11
	D. I. Khan ...	000	3	0	00	00	98	01	1	152	42	0	0	9	0	0	37	40	— 2	+ 1	0	— 0.4	7.7	9
Quetta	Sibi ...	000	0	0	00	00	97	00	0	170	45	0	0	9	0	0	39	43	—	—	0.1	—	5.7	5
Kalat	Nokkundi ...	000	0	0	36	03	98	02	0	220	48	0	0	9	0	8	37	42	—	—	0	—	1.0	2
	Turbat ...	000	0	0	07	02	98	00	0	191	55	0	0	9	0	0	47	xx	—	—	1.9	—	13.3	—
	Jiwani ...	000	0	0	36	05	97	02	0	191	57	0	0	9	0	0	49	55	—	—	1.8	—	5.6	6
	Pasni ...	000	0	0	29	02	98	00	0	182	56	0	0	9	0	0	52	56	— 6	+ 2	0.7	— 0.3	6.0	6
Karachi Division	Ormara ...	010	9	0	00	00	96	00	6	166	56	0	0	9	0	0	56	55	—	—	0.6	+ 0.1	10.5	6
	Lasbela ...	000	0	0	00	xx	98	00	0	181	59	0	0	9	0	0	47	55	—	—	0	—	0	8
	Karachi (Manora) ...	000	0	2	36	05	95	05	1	167	62	0	0	9	4	0	51	59	0	+ 1	0	— 0.3	9.9	8
	Karachi (Airport) ...	000	0	1	00	00	96	01	1	172	55	1	0	9	3	0	46	52	—	—	0.1	—	24.7	—
Hyderabad	Nagarparkar ...	000	0	0	00	00	97	00	0	161	59	0	0	9	0	0	42	xx	—	—	0	—	27.3	—
	Umarkot ...	000	0	3	31	01	97	02	0	162	52	3	2	7	0	0	38	49	—	—	0	—	18.1	—
	Hyderabad ...	000	0	0	00	00	94	05	1	169	53	0	0	9	0	0	45	53	— 1	+ 2	0	— 0.2	12.8	7
	Badin ...	000	0	0	36	02	97	00	0	173	51	0	0	9	0	0	42	47	+ 2	— 2	0	— 0.3	14.8	8
Khairpur	Padidan ...	000	0	1	00	00	96	01	1	171	45	1	0	9	1	0	43	44	—	—	0	—	11.1	—
	Nawabshah ...	000	0	0	00	00	97	01	0	181	46	0	0	9	0	0	41	46	—	—	0	+	9.3	—
	Sukkur ...	000	9	2	10	03	96	01	5	165	52	0	0	9	0	3	46	51	—	—	0	—	2.2	4
	Kashmore ...	000	0	0	00	00	99	00	2	188	55	0	0	9	0	0	34	41	—	—	0	—	1.8	—
	Jacobabad ...	000	0	2	36	02	97	01	2	167	52	2	0	9	3	0	41	51	— 5	+ 7	0.2	— 0.1	6.8	4
Junagadh	Veraval ...																							30
Afghanistan	Jalalabad ...																							
Arabia	Muscat ...																							4
	Kuwait ...																							8
	HILL STATIONS																							
Kashmir	Srinagar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					36
	Gulmarg ** ...																							—
	Sonamarg ** ...																							71
	Dras ** ...																							36
	Leh ** ...	000	0	7	00	00	96	16	2	104	65	3	5	5	1	0	xx	64		—	—	—	—	3
	Skardu * ...																							4
	Misgar ** ...	000	0	5	23	03	96	02	0	082	11	0	0	9	5	0	03	03	—	—	—	—	—	—
	Aliabad * ...																							—
	Gilgit * ...	000	0	8	00	00	96	03	2	569	38	8	7	6	x	x	36	27	—	—	—	—	—	5
Rawalpindi	Murree * ...	000	9	6	09	02	97	02	1	490	38	0	0	9	5	0	28	33	+ 2	0	4.1	+ 1.6	73.3	30
Peshawar	Drosh * ...	000	9	7	00	00	96	03	2	512	41	5	5	7	3	0	21	34	0	+ 3	1.1	—	24.1	18
	Cherat * ...	000	0	4	05	05	96	03	2	501	46	4	4	5	0	0	37	37	— 1	— 3	2.5	— 0.3	35.6	29
	Kakul * ...	000	9	7	09	03	98	02	2	485	44	7	5	6	0	0	29	41	—	—	5.1	—	41.4	—
	Landikotal * ...	000	0	0	30	02	97	03	0	472	37	3	0	9	3	0	24	33	—	—	2.1	—	15.2	—
	Parachinar * ...	000	0	4	00	00	99	01	1	493	37	4	6	9	0	0	22	36	+ 2	+ 7	0.8	—	30.0	29
D.I. Khan	Miranshah * ...	000	0	2	00	00	99	03	1	464	41	2	4	9	0	0	21	40	—	—	0.1	— 0.7	7.8	13
	Wana * ...	000	0	0	00	00	99	01	0	509	30	0	0	9	0	0	23	29	—	—	0.6	—	11.9	11
Quetta	Fort Sandeman * ...	000	0	1	00	00	98	01	0	509	35	1	0	9	0	4	28	32	— 5	+ 3	0.3	— 0.4	11.6	11
	Hindubagh * ...	019	0	0	27	03	97	00	0	501	35	0	0	9	0	0	35	23	—	—	0.9	—	6.5	—
	Loralai * ...	000	0	5	31	02	99	01	1	377	33	0	0	9	1	2	30	30	—	—	0.2	—	5.7	9
	Harnai * ...	038	0	8	27	02	95	21	6	xxx	xx	7	3	4	3	6	xx	xx	—	—	0.7	+ 0.2	35.2	14
	Quetta * ...	013	6	8	31	02	94	02	6	534	38	8	8	5	0	0	29	29	— 13	— 1	1.5	+ 0.3	7.8	9
	Chaman * ...	073	1	8	16	05	77	80	2	500	39	8	8	4	0	0	37	39	— 6	+ 5	1.8	— 0.3	8.1	8
	Nushki * ...	015	0	9	36	02	96	02	0	546	50	9	6	6	0	0	46	48	—	—	0.5	—	4.1	—
	Dalbandin * ...	000	9	2	08	00	97	03	0	503	35	1	0	9	3	0	35	33	— 1	+ 1	0.2	— 0.5	2.9	4
Kalat	Kalat * ...	014	2	0	xx	00	98	03	7	507	31	x	x	7	x	x	31	31	— 4	+ 5	1.4	+ 0.3	14.3	7
	Panjgur * ...	000	0	0	36	02	98	02	0	512	47	0	0	9	0	0	36	46	— 4	+ 9	0.4	—	5.4	8
Afghanistan	Kabul * ...																							12
	Kandhar * ...																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
‡ Whenever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 30th DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN		YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_ch_ch_c$	OT,T,T_dT_d	Id$_w$d$_w$P$_w$H$_w$
1		2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											
British Consul	... ...	65 160	636 00	0 04 09	99 0 20	163 75	00 9 00	54 6 02	...	05 1 64	00 4 21
Sayadhmaru	... ...	63 189	656 00	5 02 06	98 0 21	150 73	21 4 80	76 4 00	...	05 2 xx	10 2 21
Derby shire	... ...	63 092	685 00	3 07 07	99 0 20	097 81	23 5 01	25 7 16	...	05 1 76	10 1 21
Sayadhmaru	... ...	63 199	642 06	x xx xx	98 0 20	185 76	00 9 00	76 2 20	...	00 2 xx	10 6 21
Valletia	... ...	63 224	615 06	6 03 05	99 1 57	197 72	27 4 70	35 2 20	...	05 6 57	10 3 21
Circassera	... ...	63 202	604 06	7 26 4	98 2 58	110 71	75 4 00	...	...	...	...
Sernia	... ...	63 200	624 06	0 09 04	98 0 22	159 75	00 9 00	36 2 20	...	05 2 55	10 9 20
Indian Shipper	... ...	63 205	640 12	3 36 05	99 0 30	158 77	31 9 00	55 4 00	...	00 1 67	...
Valletia	... ...	63 214	627 12	4 04 08	98 0 21	161 72	22 4 30	35 6 21	...	05 3 62	10 4 22
Barcona	... ...	63 187	635 12	0 06 05	98 0 20	156 75	00 9 00	36 6 10	...	05 2 59	10 6 20
Circasera	... ...	63 211	715 12	3 09 09	98 0 18	153 64	36 8 00	...	...	...	...
Indian Shipper	... ...	63 196	623 18	9 36 69	98 0 30	174 76	9x 0 00	56 4 00	...	00 0 67	...
Roma	... ...	63 191	565 18	3 05 15	98 0 21	106 73	31 2 60	26 0 00	...	05 2 72	10 5 49

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
						HHHTTTTdTdTd					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	013 115 088	010 000 900	...	148 065 008	...	306 542 995	426 693 998	565 675 998	728 892 995	929 852	199 022	...	...
Jiwani ...	00 00	050 132 112	140 162 175	...	148 098 045	...	307 508 569	429 539 672	570 625 998	728 852 998	941 818	216 018	...	...
Karachi ...	00 00	012 132 092	125 192 138	...	148 085 518	...	305 518 992	425 538 972	567 764 995	712 888 995	...	...	...	...
Lahore ...	00 00	989 150 040	916 xxxxxx	...	146 085 518	...	305 518 992	425 538 972	567 764 995	712 888 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	971 072 522	...	...	143 138 528	...	308 042 608	413 530 672	573 640 990	738 745 995	942 875	...	...	...
Quetta ...	00 00	832 022 015	...	...	...	...	307 550 790	426 655 962	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA											
Jiwani ...	00 00	500 112 015	600 028 538	...	...	...	...	...	...	...	830 028 538	...	...
Karachi ...	00 00	900 122 075	800 045 502	580 602 678	...	...	...	...	...	...	530 602 678	...	...
Lahore ...	00 00	900 115 002	800 042 588	...	...	...	...	...	...	...	830 042 588	...	...
Multan ...													
Peshawar ...	00 00	934 159 502	900 152 518	800 112 552	...	...	...	...	...	...	800 112 552	...	...
Quetta ...	00 00	900 010 999	719 530 999	...	...	...	...	...	...	...	719 530 989	...	...

PPP—Pressure in hundred tens and units of millibars.

TTT; TdTdTd : Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...									No	Ascent					No	Ascent									
Chaklala ...	...	27 03	15 03	05 03	09 05	12 11	...	...	...	...	28 05	29 06	...	...	...	...	11 09	10 07	09 09	13 07	15 15	...	...	...	...	...
Chhor ...	...						...	...	...	02 09	30 06	34 06	33 17	...	...	09 02	01 03	01 06	13 10	33 05	26 15	26 25	26 53	26 57	...	...
Chittagong ...	33 13	36 07	01 06	31 12	30 15	28 15	...	...	...	01 06	01 08	32 05	30 04	30 15	29 22	01 08	35 10	35 11	30 04	31 08	29 24	29 34	29 40	29 41	30 60	28 74
Cox's Bazar ...	35 08	01 05	35 09	34 11	32 10	...	...	...	...	36 28	36 16	35 09	32 07	28 11	30 20	35 07	01 04	01 07	30 08	29 07	31 04	29 28	28 31	28 31	...	...
Dacca ...	31 10	32 10	34 18	31 17	31 27	29 32	28 41	29 99	30 51	34 13	32 06	03 05	31 07	31 04	30 30	36 04	36 08	36 09	33 09	32 07	30 27	28 39	29 56	29 61	...	...
Dalbandin ...	...	...	23 10	26 09	26 12	25 18	26 22	25 33	20 38	...	...	09 02	34 06	31 15	30 20	...	...	06 01	33 07	33 09	31 19	32 33	31 33	32 33	30 26	27 57
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	17 01	08 03	...	...	...	...	...	...	35 02	36 04	04 04	...	...	...	...	06 02	01 04	...	...	...	...	...
Fort Sandeman ...	...	...	...	24 05	21 05	...	...	...	...	...	...	...	28 02	34 05	31 06	...	...	...	21 03	31 03	31 06	24 14	26 14	26 17	...	...
Jacobabad ...	26 05	20 04	18 06	19 10	25 13	25 21	25 15	...	...	34 11	33 10	27 11	30 07	32 09	26 13	31 09	32 11	32 10	30 08	26 08	25 13	26 29	27 28	26 33	26 54	75 48
Jessore ...	34 05	34 06	34 07	32 15	29 18	29 25	...	...	...	01 12	36 11	33 13	28 03	32 01	30 24	36 06	34 09	36 08	xx xx	31 05	28 21	28 31	29 40	29 35	...	...
Jhelum ...	30 19	29 08	28 06	10 04	11 07	15 12	...	...	...	32 04	29 07	24 05	14 06	13 11	19 13	07 03	18 01	17 03	17 07	15 13	15 15	...	...	...	...	...
Jiwani ...	10 02	31 04	31 06	29 10	28 18	28 20	25 30	...	...	34 11	34 14	01 11	36 10	36 03	32 15	03 10	03 10	03 11	04 13	03 10	22 12	30 24	29 38	28 42	...	...
Karachi ...	32 04	34 05	33 06	31 06	31 06	25 16	27 31	...	...	...	...	...	...	...	...	29 06	33 06	33 06	36 07	31 06	30 15	26 39	25 51	25 57	...	...
Khanpur ...	06 04	06 03	03 04	35 10	36 10	28 25	23 16	26 26	24 31	33 02	33 04	31 07	35 09	36 17	...	23 08	24 13	24 15	24 19	24 13	25 10	25 21	26 23	25 22	...	...
Lahore ...	32 01	35 02	36 04	04 04	21 02	24 07	22 17	...	...	30 03	30 03	30 04	30 05	30 04	29 03	24 07	22 07	22 05	24 05	22 11	...	...	...	...	...	...
Multan ...	13 04	25 03	34 04	01 09	01 08	22 06	...	...	...	25 09	24 08	14 04	26 03	23 05	27 11	18 10	17 09	18 06	19 08	20 09	22 12	25 21	24 17	24 12	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panagur ...	...	...	...	25 05	28 09	28 14	...	...	...	...	...	...	18 23	15 12	13 11	...	...	...	35 13	35 22	32 15	30 31	29 39	29 58	77 03	...
Peshawar ...	...	20 04	26 04	33 12	36 09	05 11	...	...	...	...	18 03	19 02	23 04	29 08	24 07	...	33 04	34 07	35 08	34 09	32 06	21 15	20 16	19 15	...	...
Quetta ...	...	...	...	...	30 03	...	...	...	...	...	...	...	...	21 02	23 03	...	...	...	...	23 02	24 04	...	...	...	...	...
Sharjah ...	...									...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 09	25 07	25 04	26 03	27 12	...	...	...	...	07 07	05 03	07 03	04 07	01 07	30 31	...	...	...	...	...	...	...	...	...	...	...
Varsaul ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	33 10	32 10	30 11	32 13	32 14	27 16	27 30	26 54	26 67	25 85	75 23	74 58	74 24	...	...	...	...	...
Peshawar ...	...	22 09	32 07	36 07	09 05	33 09	31 14	30 17	29 20	28 28	28 36	30 47	30 56	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

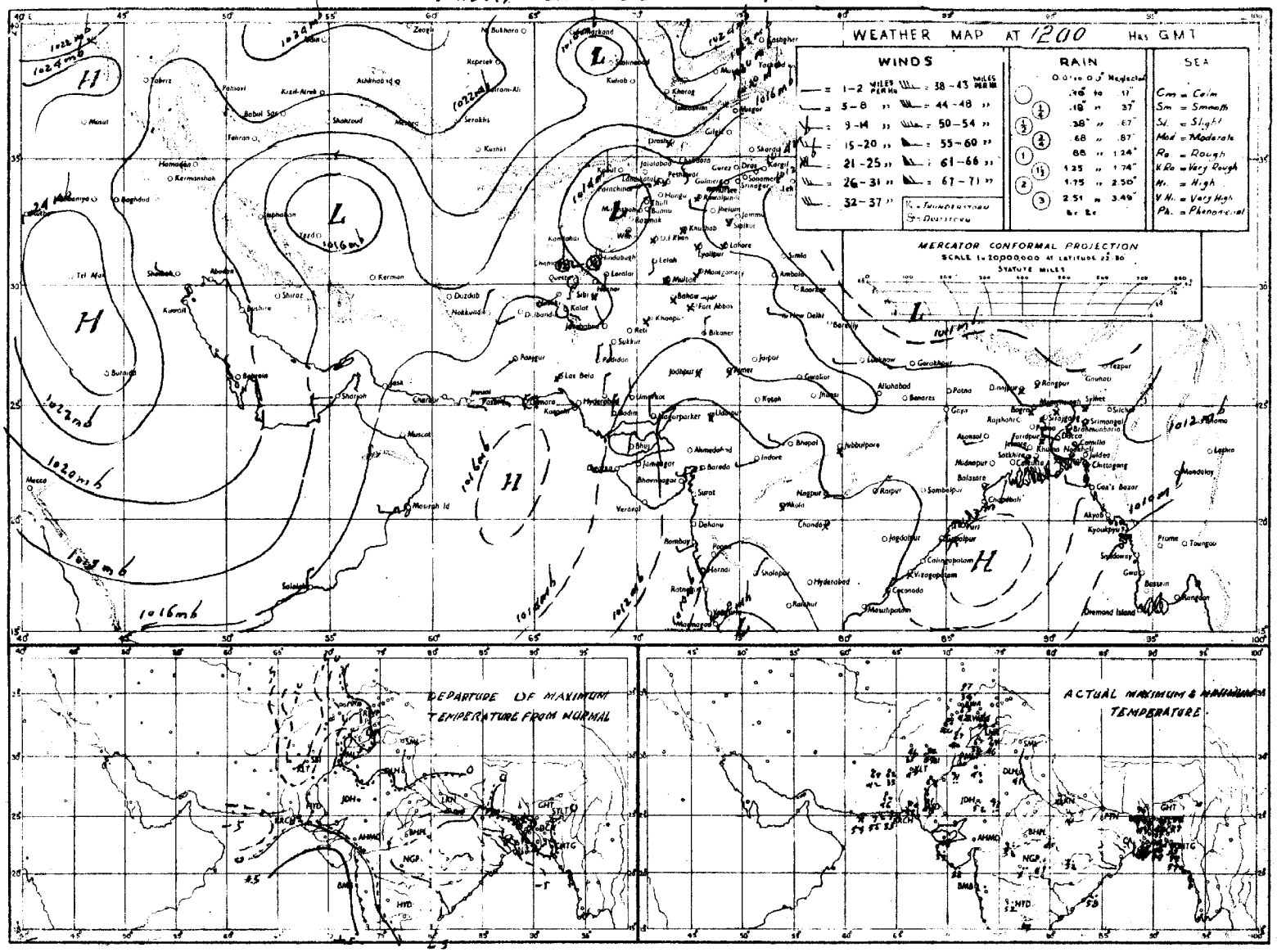
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 571 31 516

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

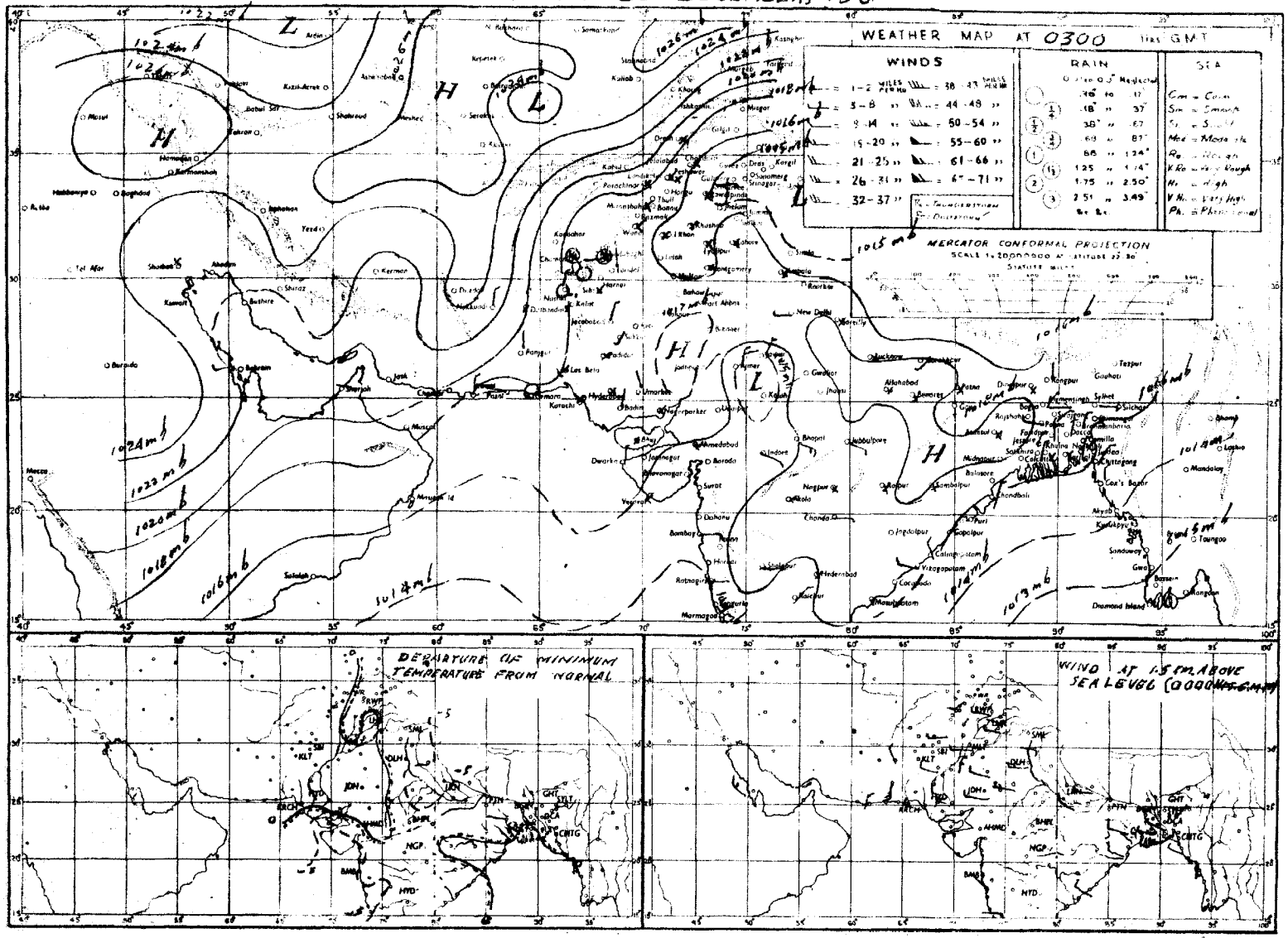
FRIDAY 29th DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 30th DECEMBER, 1961



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 15

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SUNDAY THE 31st DECEMBER, 1961.
Summary of observations recorded at 0300 hrs G.M.T.

Yesterday's secondary western disturbance over Kashmir moved away eastwards.
The western disturbance north of Afghanistan also moved away northeastwards after inducing a Secondary now lying over D. I. Khan division and adjoining areas.
They have caused Scattered rain/snow in Rawalpindi and Quetta divisions. Light rain has also been reported from Lahore and Kalat divisions.
Night temperatures were 3-8°F below normal in East Pakistan.

Forecast valid until the evening of 1st January, 1962:—Rain/Thundershowers will be local in Rawalpindi division and Kashmir and scatter in Peshawar and D. I. Khan divisions with a few snowfalls in the hills.

Karachi-11
The 31st December, 1961.

OBSERVATIONS

ZARIF AHMAD
for Director, Meteorological Service.

AT 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	9	37	02	xx	00	0	128	71	9	x	0	x	x	55	78
	Cox's Bazar	000	0	1	36	07	xx	02	0	113	69	0	0	9	0	2	59	78
	Chittagong	000	0	0	31	02	xx	00	0	120	69	0	0	9	0	0	xx	78
	Maijdee Court	000	9	0	00	00	xx	10	0	126	68	0	0	9	0	0	55	76
	Comilla	000	0	0	00	00	xx	02	0	124	70	0	0	9	0	0	54	77
	Brahmanbaria	000	0	0	00	00	xx	00	0	125	66	0	0	9	0	0	57	76
	Sylhet	000	0	0	00	00	xx	02	0	123	67	0	0	9	0	0	51	77
	Srimangal	000	0	0	00	00	xx	00	0	xxx	63	0	0	9	0	0	56	82
Dacca	Mymensingh	000	0	0	00	00	xx	00	0	126	69	0	0	9	0	0	55	77
	Narayanganj	000	9	0	00	00	xx	05	4	123	69	0	0	9	0	0	53	79
	Dacca (Tezgaon)	000	0	0	31	02	96	02	0	121	65	0	0	9	0	0	50	77
	Faridpur	000	0	0	00	00	95	05	0	128	68	0	0	9	0	0	51	73
Khulna	Barisal	000	0	0	00	00	96	02	1	145	70	0	0	9	0	0	69	76
	Khulna	000	0	0	00	00	xx	00	0	128	68	0	0	9	0	0	59	75
	Satkhira	000	0	0	00	00	97	00	0	134	61	0	0	9	0	0	56	77
	Jessore	000	0	0	36	02	97	00	0	135	62	0	0	9	0	0	58	72
Rajshahi	Pabna	000	0	0	00	00	xx	00	0	127	68	0	0	9	0	0	51	75
	Sirajganj	000	0	0	00	00	xx	00	0	116	65	0	0	9	0	0	52	76
	Bogra	000	0	0	00	00	xx	02	0	125	65	0	0	9	0	0	51	75
	Dinajpur	000	0	0	00	00	xx	00	0	125	67	0	0	9	0	0	45	77
	Rangpur	000	8	0	00	00	xx	01	4	132	62	0	0	9	0	0	53	74
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	003	3	5	00	00	96	01	6	154	54	2	5	6	7	1	46	58
	Sialkot	000	8	8	00	00	97	02	2	160	53	8	5	6	x	x	47	54
Rawalpindi	Jhelum	000	8	6	09	00	97	02	2	152	69	5	0	9	7	1	42	xx
	Rawalpindi	000	0	7	09	02	97	02	2	149	56	6	5	6	6	0	34	60
	Campbellpur	000	0	6	13	01	98	02	2	126	61	0	0	9	6	0	38	64
Sargodha	Khushab	000	0	0	09	02	99	00	0	140	65	0	0	9	0	0	xx	xx
	Lyallpur	000	0	5	00	00	96	02	0	143	67	5	0	9	4	0	40	67
Multan	Montgomery	000	0	7	00	00	96	03	3	139	65	0	0	9	1	1	40	71
	Multan	000	0	2	00	00	97	01	0	128	49	2	0	9	3	0	xx	72
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	98	00	0	142	68	0	0	9	0	0	58	70
	Fort Abbas	000	0	0	09	02	98	00	0	139	65	0	0	9	0	0	45	67
Peshawar	Chakdara	000	0	0	36	01	97	00	0	152	58	0	0	9	0	0	31	58
	Peshawar	000	0	2	09	03	96	04	1	136	60	1	8	6	3	1	35	70
	Haripur	000	6	7	31	02	97	03	2	135	56	7	0	9	7	0	42	57
D. I. Khan	Bannu	000	4	3	00	00	97	03	1	179	65	0	0	9	0	3	44	69
	D. I. Khan	000	0	0	00	00	98	00	0	120	66	0	0	9	0	0	44	73
Quetta	Sibi	000	0	0	27	07	97	00	0	125	71	0	0	9	0	0	32	74
Kalat	Nokkundi	000	0	0	34	09	98	02	0	191	60	0	0	9	0	0	34	68
	Turbat	000	0	0	31	03	98	00	0	148	72	0	0	9	0	0	32	73
	Jiwani	000	0	0	34	03	98	02	0	171	71	0	0	9	0	0	63	72
	Pasni	000	0	0	34	09	98	00	0	154	73	0	0	9	0	0	48	73
Karachi Division	Ormara	000	0	0	27	04	96	00	0	147	73	0	0	9	0	0	51	74
	Lasbela	000	0	0	xx	xx	98	00	0	141	78	0	0	9	0	0	64	79
	Karachi (Manora)	000	0	3	27	14	98	01	1	136	72	3	6	4	0	0	61	77
	Karachi (Airport)	000	0	2	27	09	96	01	0	133	75	2	5	6	0	0	44	79
Hyderabad	Nagarparkar	000	0	0	34	01	97	00	0	119	78	0	0	9	0	0	57	79
	Umerkot	000	0	0	29	02	98	02	0	122	76	0	0	9	0	0	48	77
	Hyderabad	000	0	0	00	00	97	02	0	132	77	0	0	9	0	0	48	80
	Badin	000	0	0	34	02	97	00	0	129	78	0	0	9	0	0	43	82
Khairpur	Padidan	000	0	0	31	05	97	02	0	132	71	0	0	9	0	0	21	73
	Nawabshah	000	8	0	00	00	97	02	0	134	73	0	0	9	0	0	41	76
	Sukkur	000	6	0	34	03	97	02	0	129	72	0	0	9	0	0	49	74
	Kashmore																	
	Jacobabad	000	0	0	31	02	93	02	0	134	71	0	0	9	0	0	37	74
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	8	13	02	96	03	1	059	20	4	2	8	2	0	11	23
	Aliabad *																	
	Gilgit *	000	0	8	00	00	96	03	2	558	40	8	7	6	x	x	23	42
Rawalpindi	Murree *	005	8	8	11	05	95	71	2	492	33	8	9	3	x	x	31	42
Peshawar	Drosh *	000	8	6	05	03	96	01	2	495	44	3	5	7	5	8	25	45
	Cherat *	000	0	0	07	07	98	00	0	494	52	0	0	9	0	0	44	xx
	Kohat *	000	4	7	11	03	97	07	5	490	45	7	7	4	0	0	30	50
	Landikotal *	000	0	6	00	00	97	03	1	476	54	6	0	9	3	x	29	57
	Parachinar *	000	0	6	16	04	97	02	1	484	47	6	0	9	0	8	18	54
D. I. Khan	Miranshah *	000	0	2	00	00	99	01	1	467	60	2	4	9	0	0	18	64
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	4	34	01	99	03	0	409	51	4	1	6	0	0	23	57
	Hindubagh *	000	0	0	27	05	97	00	0	475	44	0	0	7	8	0	27	48
	Loralai *	000	0	6	00	00	98	02	2	393	52	0	4	8	2	1	31	56
	Harnai *	000	7	9	03	01	96	21	6	xxx	xx	x	x	0	6	0	xx	xx
	Quetta *	003	2	8	31	02	94	02	6	510	38	8	8	5	0	0	35	44
	Chaman *	000	0	8	19	08	98	02	1	499	43	6	8	4	0	0	39	44
	Nushki *	010	0	9	36	02	96	20	5	553	48	9	6	6	0	0	42	50
	Dalbandin *	000	8	6	13	05	97	03	1	520	56	8	8	7	0	0	39	64
Kalat	Kalat *	007	6	0	34	07	97	03	6	498	34	x	x	7	x	x	32	37
	Panjgur *	000	0	0	36	06	98	02	0	508	56	0	0	9	0	0	34	57
Afghanistan	Kabul *																	
	Kandahar *																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	000	5	2	36	05	97	03	4	167	60	2	1	4	0	0	56	56
Cox's Bazar	000	0	3	36	05	97	02	0	142	65	0	0	9	0	5	58	56
Chittagong	000	0	0	05	05	96	00	0	151	65	0	0	9	0	0	52	53
Maijdee Court	000	9	0	34	02	98	00	1	156	62	0	0	9	0	0	49	49
Comilla	000	0	0	35	05	97	02	0	141	65	0	0	9	0	0	51	49
Brahmanbaria	000	0	9	36	02	97	00	0	160	60	0	0	9	0	0	53	50
Sylhet	000	0	0	09	05	96	02	0	157	61	0	0	9	0	0	56	53
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	000	0	0	27	02	97	00	0	166	58	0	0	9	0	0	53	59
Narayanganj	000	9	0	29	02	95	04	4	158	61	0	0	9	0	0	49	52
Dacca (Tezgaon)	000	0	0	36	03	96	02	4	155	59	0	0	9	0	0	49	46
Faridpur	000	0	0	34	02	94	05	0	166	62	0	0	9	0	0	51	49
Barisal	000	0	0	00	00	97	00	0	164	63	0	0	9	0	0	58	51
Khulna	000	0	0	00	00	97	00	0	159	61	0	0	9	0	0	56	52
Satkhira	000	0	0	00	00	97	00	0	168	62	0	0	9	0	0	49	47
Jessore	000	0	0	36	03	97	00	0	164	59	0	0	9	0	0	49	45
Pabna	000	0	0	31	05	96	02	0	144	59	0	0	9	0	0	51	50
Sirajganj	000	0	0	05	02	97	00	0	162	61	0	0	9	0	0	49	48
Bogra	000	0	0	05	02	96	02	0	163	58	0	0	9	0	0	50	48
Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangpur	000	6	0	02	02	94	42	4	167	54	0	0	9	0	0	50	44
Jammu																	
Lahore (Jail Rd.)	003	0	0	00	00	95	10	0	201	40	0	0	9	0	0	40	37
Sialkot	000	0	0	00	00	95	10	4	190	43	0	0	9	0	0	41	40
Jhelum	000	0	1	00	00	96	03	0	194	38	1	0	9	3	0	35	37
Rawalpindi	000	0	0	00	00	96	10	0	211	39	0	0	9	0	0	37	36
Campbellpur	000	0	0	05	02	98	00	0	213	41	0	0	9	0	0	32	xx
Khushab	000	0	0	00	00	99	00	0	197	38	0	0	9	0	0	35	xx
Lyallpur	000	0	0	00	00	94	05	4	270	40	0	0	9	0	0	38	39
Montgomery	000	0	0	00	00	96	00	0	196	44	0	0	9	0	0	41	40
Multan	000	0	3	00	00	97	01	1	194	49	2	5	6	3	0	43	46
Leiah	000	0	0	36	02	95	00	0	152	45	0	0	9	0	0	40	36
Khanpur	000	0	0	00	00	94	10	0	186	45	0	0	9	0	0	39	41
Bahawalpur	000	0	2	02	02	98	00	0	197	xx	2	0	9	0	2	40	43
Fort Abbas	000	0	0	09	02	96	00	0	202	45	0	0	9	0	0	40	43
Chakdara	000	0	0	36	02	97	00	0	198	38	0	0	9	7	0	33	35
Peshawar	000	0	1	18	02	96	04	0	207	41	1	0	9	3	0	33	39
Haripur	000	5	7	13	05	97	03	2	149	45	7	6	6	0	0	33	37
Bannu	000	0	0	00	00	99	00	0	209	39	0	0	9	0	0	29	38
D. I. Khan	000	0	0	00	00	98	00	0	169	44	0	0	9	0	0	40	41
Sibi	000	0	0	00	00	97	00	0	198	48	0	0	9	0	0	36	44
Nokkundi	000	0	0	05	05	98	02	0	267	35	0	0	9	0	0	27	34
Turbat	000	0	0	13	02	98	00	0	211	53	0	0	9	0	0	37	xx
Jiwani	000	0	0	05	03	98	02	0	202	55	0	0	9	0	0	43	54
Pasni	000	0	0	29	02	98	00	0	199	54	0	0	9	0	0	43	52
Ormara	000	0	0	00	00	96	00	0	184	57	0	0	9	0	0	55	54
Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Manora)	000	0	0	36	07	97	02	0	179	56	0	0	9	0	0	35	54
Karachi (Airport)	000	0	0	34	02	96	02	0	182	52	0	0	9	0	0	38	49
Nagarparkar	000	0	0	00	00	97	00	0	165	57	0	0	9	0	0	47	xx
Umerkot	000	0	0	02	02	96	02	0	188	46	0	0	9	0	0	41	46
Hyderabad	000	0	0	00	00	97	02	0	179	53	0	0	9	0	0	43	52
Badin	000	0	0	00	00	97	00	0	172	51	0	0	9	0	0	42	47
Padidan	000	0	0	00	00	96	02	0	181	43	0	0	9	0	0	41	42
Nawabshah	000	0	0	00	00	96	00	0	193	47	0	0	9	0	0	43	44
Sukkur	000	0	0	34	05	56	02	0	177	53	0	0	9	0	0	37	50
Kashmore																	
Jacobabad	000	0	0	31	03	97	02	0	182	49	0	0	9	0	0	33	48
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	009	9	8	00	00	96	02	7	060	13	4	9	8	2	0	05	10
Aliabad *																	
Gilgit *	000	0	8	00	00	96	50	6	575	33	8	7	6	x	x	30	32
Murree *	017	9	2	00	00	98	61	7	515	31	0	0	9	8	0	19	27
Drosh *	000	9	5	00	00	96	03	2	523	36	2	2	7	4	0	25	35
Cherat *	000	0	0	02	05	98	00	0	497	36	0	0	9	0	0	33	34
Kohat *	000	9	0	36	03	98	02	1	514	38	0	0	9	0	0	33	35
Landikotal *	000	0	1	00	00	99	03	0	493	31	1	0	9	3	0	28	30
Parachinar *	000	0	0	00	00	99	00	0	528	30	0	0	9	0	0	23	30
Miranshah *	000	0	0	05	02	99	00	0	499	41	0	0	9	0	0	21	38
Wana *	000	0	0	00	00	99	00	0	509	30	0	0	9	0	0	26	29
Fort Sandeman *	000	0	0	00	00	99	01	0	532	37	0	0	9	0	0	23	34
Hindubagh *	000	0	0	27	02	97	00	0	508	32	0	0	9	0	0	21	20
Loralai *	000	0	0	29	03	99	00	0	344	33	0	0	9	0	0	27	30
Harnai *	000	0	0	27	02	95	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta *	004	8	4	31	02	96	02	5	557	37	4	1	5	0	0	30	27
Chaman *	030	1	4	18	03	98	02	6	523	38	4	2	7	0	0	35	35
Nushki *	010	0	0	00	00	98	2	0	556	41	0	0	9	0	0	21	39
Dalbandin *	000	9	1	00	00	97	3	1	513	29	1	1	7	0	0	29	29
Kalat *	007	1	0	27	02	98	00	0	515	32	0	0	9	0	0	29	30
Panjgur *	000	0	0	36	02	98	02	0	510	36	0	0	9	0	0	31	34
Kabul *																	
Kandahar *																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st November 1961 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1961 to date (41)	Annual Normals (42)
Rangamati	—	—	0.8	—	155.6	—
Cox's Bazar	0	0	0.9	— 3.2	156.7	140
Chittagong	+ 1	—	0.1	— 2.7	170.7	109
Maijdee Court	— 2	— 8	0	— 1.8	122.6	115
Comilla	0	— 4	0	— 1.6	76.9	94
Brahmanbaria	—	—	1.3	0	65.4	78
Sylhet	—	—	0.1	—	—	—
Srimangal	+ 3					98
Mymensingh	+ 1	— 3	0.3	— 0.7	62.1	91
Narayanganj	+ 3	— 3	0.4	— 0.8	73.0	74
Dacca (Tezgaon)	—	—	0	—	81.2	—
Faridpur	+ 1	— 3	0	— 1.2	87.9	71
Barisal	0	— 1	0	— 1.8	65.4	81
Khulna	— 2	— 1	0	— 1.3	57.3	68
Satkhira	— 1	— 4	0	— 1.9	54.3	65
Jessore	— 4	— 7	0	— 1.1	59.0	65
Pabna	—	—	0.1	—	50.5	59
Sirajganj	+ 1	— 4	0.7	— 0.1	50.0	64
Bogra	0	— 5	0.3	— 0.6	53.6	67
Dinajpur	+ 2					72
Rangpur	— 1	— 5	0.2	— 0.3	60.4	84
Jammu						—
Lahore (Jail Rd.)	— 12	— 2	0.3	— 0.3	51.4	19
Sialkot	— 13	— 1	2.9	+ 2.1	37.9	32
Jhelum	—	—	1.1	—	35.9	
Rawalpindi	— 4	— 1	4.2	+ 2.7	54.4	36
Campbellpur	—	—	0.6	—	27.1	—
Khushab	x	—	0	— 0.5	14.2	15
Lyallpur	0	— 1	0.1	— 0.2	14.0	12
Montgomery	+ 2	— 1	0.1	— 0.2	10.3	10
Multan	+ 3	+ 5	0	— 0.3	7.5	7
Leiah		—	0	—	10.6	8
Khanpur	—	0	0	— 0.3	12.6	6
Bahawalpur	— 1	+ 2	0	— 0.2	4.9	6
Fort Abbas	—	—	0	—	3.1	8
Chakdara	—	—	2.4	—	27.8	—
Peshawar	+ 4	— 1	1.4	+ 0.4	19.2	11
Haripur	—	—	2.1	—	3.1	—
Bannu	—	—	0.5	—	14.4	11
D. I. Khan	+ 4	+ 2	0	— 0.4	7.7	9
Sibi	—	—	0.1	—	5.7	5
Nokkundi	—	—	0	—	1.0	3
Turbat	—	—	1.9	—	13.3	—
Jiwani	—	—	1.8	—	5.6	5
Pasni	— 3	— 2	0.7	— 0.3	6.0	4
Ormara	—	—	0.6	0	10.8	6
Lasbela	—					8
Karachi (Manora)	+ 1	— 4	0	— 0.3	9.9	8
Karachi (Airport)	—	—	0.1	—	24.7	—
Nagarparkar	—	—	0	—	27.3	—
Umerkot	—	—	0	—	18.1	—
Hyderabad	+ 3	+ 1	0	— 0.2	12.9	7
Badin	+ 5	— 2	0	— 0.3	14.8	9
Padidan	—	—	0	—	11.1	—
Nawabshah	—	—	0	—	9.1	—
Sukkur	—	—	0	—	2.2	6
Kashmore						—
Jacobabad	+ 3	+ 4	0.2	— 0.1	8.1	4
Veraval						20
Jalalabad						
Muscat						8
Kuwait						8
HILL STATIONS						
Srinagar *						28
Gulmarg **						—
Sonamarg **						31
Dras **						30
Leh **						9
Skardu *						8
Misgar **	—	—				—
Aliabad *						—
Gilgit *	—	—				5
Murree *	+ 4	— 6	4.2	+ 1.7	73.3	[illegible]
Drosh *	— 3	+ 4	1.1	—	24.1	18
Cherat *	xx	— 6	2.2	+ 0.2	35.6	29
Kohat *	—	—	5.1	—	41.4	—
Landikotal *	—	—	2.1	—	15.2	—
Parachinar *	+ 3	+ 1	0.8	—	30.0	29
Miranshah *	—	—	0.1	— 0.7	7.8	13
Wana *		—	0.5	—	11.9	11
Fort Sandeman *	0	+ 5	0.3	— 0.4	11.6	11
Hindubagh *	—	—	0.9	—	6.6	—
Loralai *	—	—	0.1	—	9.7	9
Harnai *	—	—	0.7	— 0.2	38.2	14
Quetta *	— 9	— 3	1.6	+ 0.3	7.8	9
Chaman *	— 9	+ 1	2.0	— 0.5	8.3	8
Nushki *	—	—	0.6	—	4.3	—
Dalbandin *	+ 1	+ 3	0.2	— 0.5	2.9	4
Kalat *	— 14	+ 4	1.5	+ 0.3	14.4	7
Panjgur *	— 7	— 3	1.4	—	5.4	8
Kabul *						12
Kandahar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given as RRR see the summary above for the actual amount of rainfall.

Met. O. 202 A.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 31st DECEMBER, 1961.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Consul	73 145	502 00	3 01 10	99 0 11	172 76	03 9 10	51 7 05	...	05 1 52	10 1 29
Circassia	73 239	658 06	2 33 09	98 0 20	180 74	11 7 C0	...	...	...	...
Jalargaya	73 133	705 18	1 35 09	98 0 10	123 63	21 5 .6	...	...	...	...
BAY OF BENGAL										
Chrurchieholm	73 202	901 12	4 33 C9	98 0 20	123 71	00 9 01	14 4 00	...	05 1 53	10 3 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			$HHHTTTT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...				...	...	...	...	...	...			...	...	...
Dacca ...	00 00	013 118 705	010 000 900	...	...	...	...							...
Jiwani ...	00 00	012 128 078	171 168 085	...	152 075 538	...	310 510 990	432 518 998	573 648 992	738 775 995	938 918	208 022	490 112	...
Karachi ...	00 00	012 162 092	124 165 108	...	148 072 542	...	305 515 995	426 575 992	564 695 995	728 780 990	932 825	...	...	...
Lahore ...	00 00	991 120 042	140 xxxxxx	...	150 055 5.5	...	305 540 990	424 630 990	561 702 995	724 775 995	992 830	209 922	410 978	608 C
Multan ...						...								
Peshawar ...	00 00	976 055 545	...	...	150 112 032	...	308 518 575	430 535 638	568 682 722	730 805 995	929 930	195 028	...	...
Quetta ...	00 00	834 022 008	...	...	...	...	308 605 995	420 7.0 9 0	553 805 995	709 895 995	902 985	...	...	...

At Significant Levels

STATION	Time of ascent in G.M.T	$PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA		...	...	...	...	...	...	...		...	...
Jiwani ...	00 00	900 118 018	830 035 575	...	...	...	...	...	...	...	830 355 575	...	...
Karachi ...	00 00	900 118 525	...	...	...	...	...	...	—	...	930 118 525	...	...
Lahore ...	00 00	900 078 515	800 030 990	...	...	...	...	...	...	...	800 030 990	...	...
Multan ...													
Peshawar ...	00 00	920 132 055	900 132 035	800 065 525	...	...	..	...	...	...	800 065 515	...	...
Quetta ...	00 00	xxxx xxxx	...	...	...	...	...	...	...	...	xxxx xxxx	...	...

PPP—Pressure in hundred tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	32 09	32 05	33 14	32 06	...	...	...	...	...
Chaklala ...	...	14 05	13 10	14 19	13 16	15 08	28 15	...	...
Chhor ...	29 08	27 06	27 05	25 07	28 10	30 13	26 46	25 58	24 60
Chittagong ...	32 11	35 07	01 09	29 05	26 07	29 17	...	...	...
Cox's Bazar ...	36 13	36 12	01 10	36 04	...	...	...	...	...
Dacca ...	34 04	35 06	36 06	29 09	29 29	30 26	...	...	...
Dalbandin ...	...	...	09 05	35 05	31 12	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	02 05	34 03	...	...	...
Fort Sandeman ...	...	...	...	25 03	31 04	...	...	...	...
Jacobabad ...	29 10	29 10	30 10	29 13	29 17	29 19	28 26	29 31	29 45
Jessore ...	34 08	34 07	35 09	35 06	29 07	30 21	...	...	...
Jhelum ...	11 08	12 13	11 15	13 10	13 07	24 06	...	...	...
Jiwani ...	35 08	35 08	33 15	36 06	32 17	33 12	31 31	29 35	29 57
Karachi ...	27 17	32 09	31 06	33 08	33 11	31 22	30 48	...	...
Khanpur ...	26 08	26 10	26 10	28 12	29 09	23 19	27 21	27 23	27 39
Lahore ...	10 08	14 07	15 09	23 03	28 06	29 10	...	...	...
Multan ...	17 06	16 06	16 07	19 07	26 07	25 12	25 15	24 21	25 25
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 12	34 12	32 19	30 23	29 31	29 38
Peshawar ...	...	09 10	05 05	21 10	32 04	01 03	...	...	...
Quetta ...	...	...	...	...	30 03		...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 08	29 04	24 01	10 07	01 09	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	36 13	36 05	34 02	35 02	32 08	28 26
Chaklala ...	...	05 05	03 03	36 03	35 06	33 08
Chhor ...	02 04	01 04	34 03	34 12	31 16	30 22
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	36 13	01 06	08 01	26 02	24 14	29 12
Dacca ...	...	...	...	...	...	...
Dalbandin ...	...	...	08 04	04 07	35 17	34 16
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 01	26 02	27 03
Fort Sandeman ...	...	...	...	20 05	27 01	26 03
Jacobabad ...	34 17	35 13	31 15	30 09	23 03	30 11
Jessore ...	35 14	35 10	35 04	34 04	31 08	...
Jhelum ...	31 05	32 05	30 06	29 03	01 03	32 09
Jiwani ...	05 14	09 06	05 04	32 05	36 11	33 16
Karachi ...	...	...	...	...	...	...
Khanpur ...	07 01	21 02	15 04	07 04	04 07	33 13
Lahore ...	03 06	35 04	36 67	35 08	34 09	30 04
Multan ...	15 10	16 06	18 03	02 05	04 06	35 07
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 03	01 04	35 29
Peshawar ...	...	07 07	05 07	07 03	29 06	35 07
Quetta ...	...	...	...	...	22 01	24 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 14	11 06	06 02	01 04	32 03	27 27
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	35 05	01 04	32 03	31 03	31 09	26 20	27 49	27 72	27 84	...	...
Chaklala ...	...	22 01	35 04	01 04	36 05	32 07	27 10	27 08	29 13	27 15	...
Chhor ...	05 14	03 14	03 13	04 48	01 06	28 17	30 29	31 59	36 67	...	...
Chittagong ...	36 04	36 09	01 03	34 07	26 11	28 24	27 39	27 37	...	...	...
Cox's Bazar ...	35 07	03 02	03 02	33 05	24 14	28 24	27 47	...	...	...	...
Dacca ...	34 03	34 04	32 06	31 07	28 11	27 31	27 56	27 66	27 58	...	...
Dalbandin ...	...	...	09 08	04 12	01 16	34 18	34 27	33 35	33 37	33 41	31 47
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	04 06	01 08	03 06	06 11	01 01	30 04	32 19
Fort Sandeman ...	...	...	...	28 01	29 08	26 04	33 20	32 24	33 30	...	...
Jacobabad ...	03 09	03 07	03 06	02 06	02 06	35 12	33 25	33 42	32 45	32 46	30 60
Jessore ...	36 08	35 06	31 05	04 04	28 12	27 25	27 47	...	...	...	...
Jhelum ...	32 06	34 11	35 06	02 03	33 05	31 07	26 07	26 12	27 15	...	...
Jiwani ...	04 18	03 18	03 16	02 14	02 14	35 13	33 24	33 21	32 29	31 39	29 48
Karachi ...	05 08	07 04	12 03	06 03	32 10	34 15	33 35	32 40	31 43	...	...
Khanpur ...	32 04	06 06	06 08	03 08	04 13	06 08	31 25	31 29	31 47	29 60	...
Lahore ...	31 03	34 04	35 03	33 05	33 05	29 06	26 05	26 06	26 07	26 09	...
Multan ...	33 01	07 01	05 01	06 04	33 05	31 09	31 15	30 21	29 21	27 27	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	02 12	01 15	36 12	32 19	33 24	31 32	30 33	...
Peshawar ...	...	30 04	02 09	26 04	31 11	26 11	27 10	31 13	29 12	32 31	30 64
Quetta ...	...	...	...	...	36 03	04 02	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 04	08 02	35 04	03 03	28 08	29 24	27 54	27 64	27 65	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

†The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda										...	...	...	...	...	...	...	...
Karachi ...	36 15	35 12	34 10	28 06	31 12	29 19	30 43	30 30	30 34	29 78	...		...	...	...	...	...	...
Peshawar ...	..	03 12	14 12	14 09	23 15	26 19	32 29	32 25	31 25	31 29	32 51	29 64	28 84	28 89	...	...	...	...
Quetta ...																		

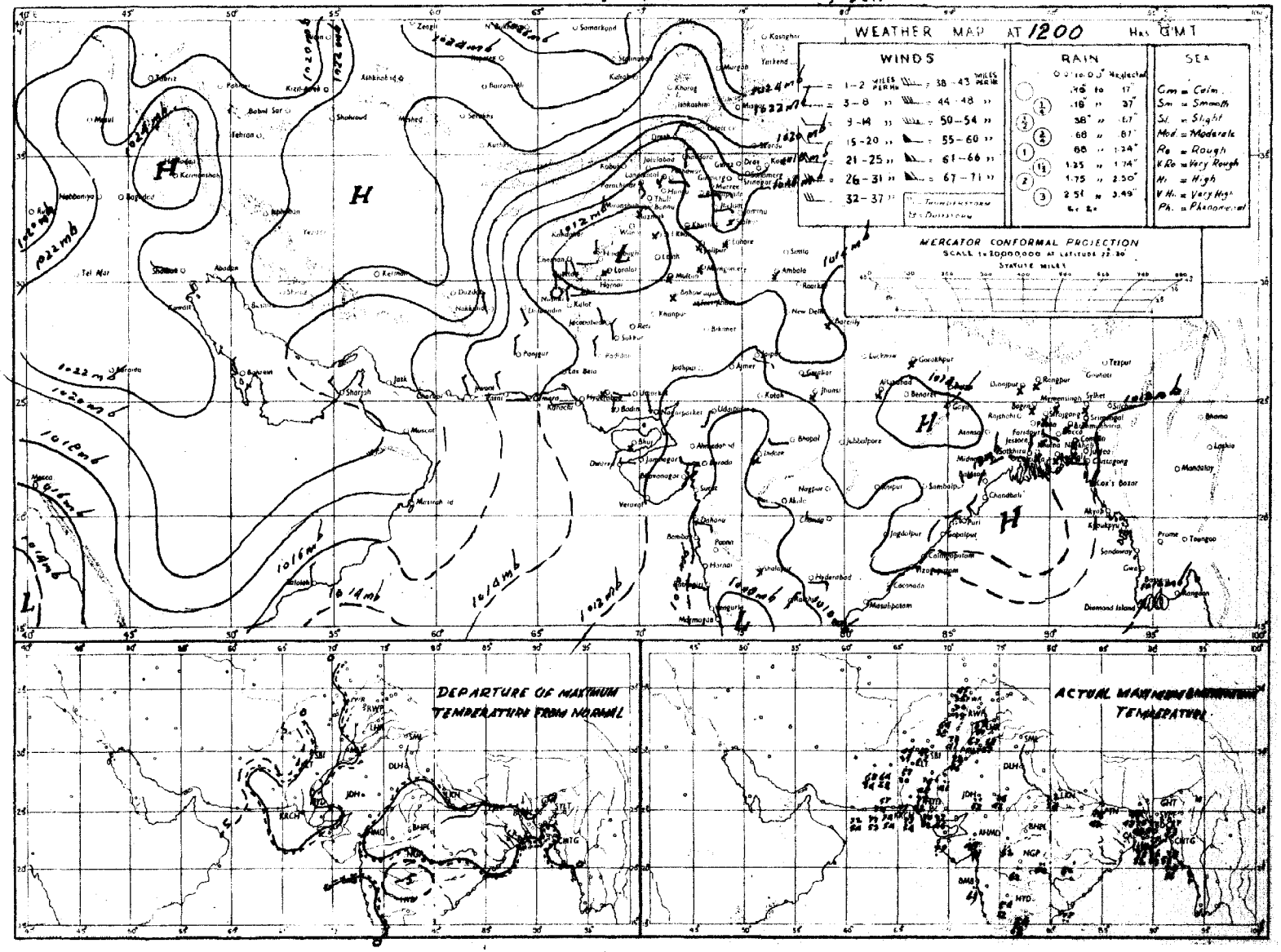
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

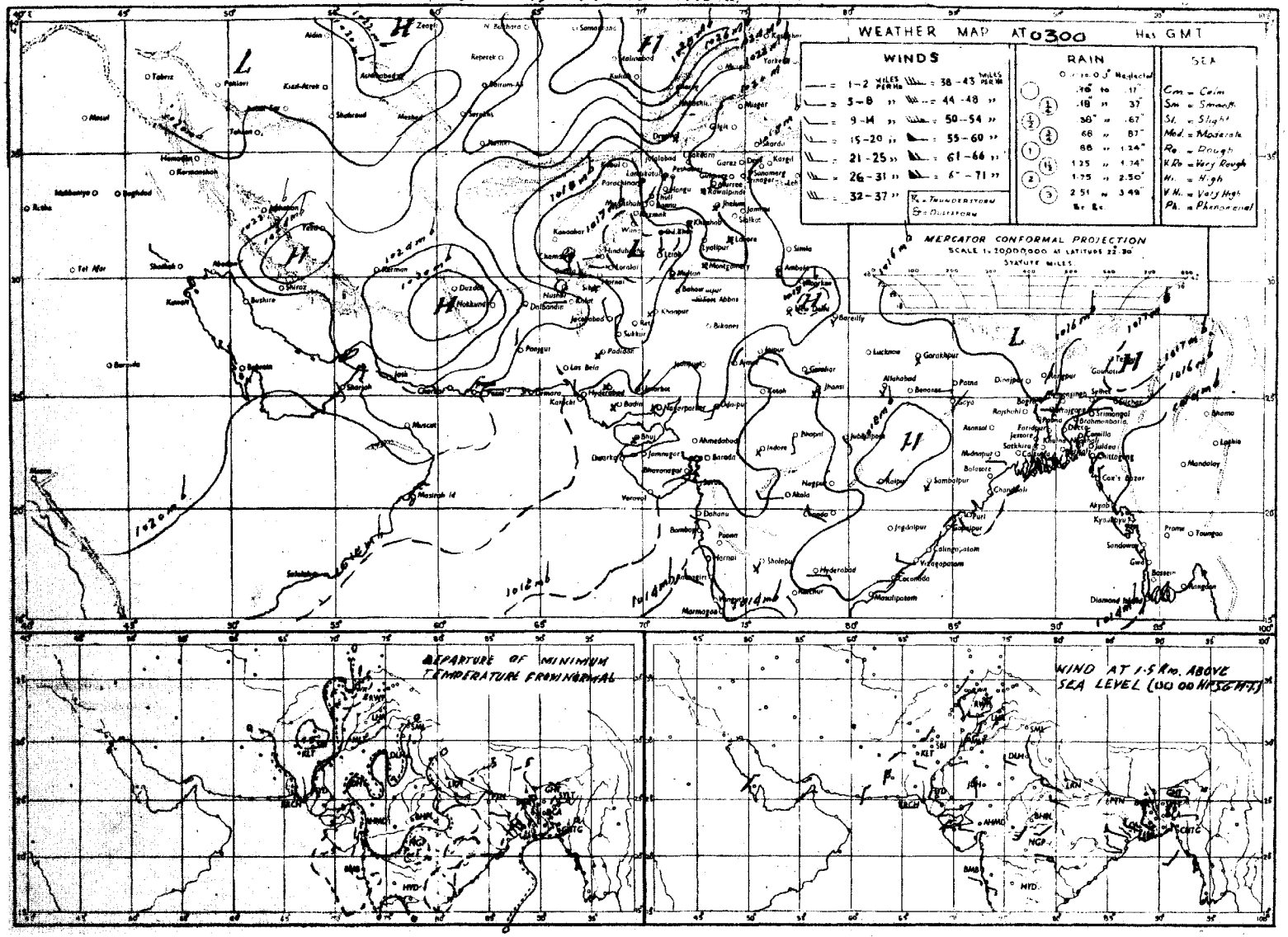
SATURDAY, 30th DECEMBER, 1961.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY, 3rd DECEMBER 1961.



Rainfall amounts indicated in the above chart refer to past 24 hours.