Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

Oversize QC 990 .P18 .P35 1971 July (Interp)

**THURSDAY THE 1st JULY, 1971.**

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

Observations from Orissa and adjoining areas absent but believe monsoon trough extends into northwest Bay of Bengal.
Scattered rain/thundershowers have occured over East Pakistan.
Yesterday's westerly low pressure wave is moving away across north of Kashmir.
Incursion of moist easterlies is taking place into Punjab.
Rainfall has been widespread over Lahore division. Scattered rain/thundershowers have been reported from Rawalpindi and Malakand divisions and light rain/-drizzle from Peshawar division.
Chief amounts of rainfall are Sylhet and Sialkot 3" each, Rawalpindi ¾", Bhola and Cox's Bazar ½" each and Murree, Drosh and Khulna (upto 1200 GMT) ¼" each.
Day temperatures were 3—8 °F (2—4 °C) above normal in Sargodha, Malakand, Quetta and Kalat divisions and were 3—6 °F (2—3 °C) below normal in Dacca, Rajshahi, Rawalpindi, Multan, Peshawar, Hyderabad and Khairpur divisions.
**Forecast valid until the evening of the 2nd July. 1971 :**— Rain/thundershowers will be fairly widespread in Chittagong, Dacca and Khulna divisions and local in Rajshahi, Lahore and Rawalpindi divisions and in Kashmir with a few moderately heavy falls in Lahore divisions and adjoining Kashmir. Scattered rain/thundershowers are also likely in Malakand, Peshawar, D. I. Khan, Sargodha and Multan divisions. Weather will be mainly dry elsewhere over West Pakistan.

Karachi-32
The 1st July, 1971.

## OBSERVATIONS

M SHAHABUDDIN,
*for* Director Meteorological Services.

**At 12 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) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † GL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chittagong | | | | | | | | | | | | | | | | | |
| | Maijdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | | | | | | | | | | | | | | | | | |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 058 | 5 | 6 | 00 | 00 | 96 | 01 | 9 | 978 | 82 | 3 | 3 | 5 | 3 | 0 | 79 | // |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 010 | 0 | 6 | 13 | 02 | 97 | 02 | 0 | 989 | 83 | 6 | 5 | 4 | 0 | 0 | 79 | 86 |
| | Narayanganj | (00 | 0 | 8 | 13 | 02 | 95 | 02 | 2 | 980 | 85 | 6 | 6 | 4 | 3 | 1 | 79 | (4 |
| | Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Faridpur | | | | | | | | | | | | | | | | | |
| Khulna | Barisal | 009 | 9 | 6 | 18 | 03 | 97 | 02 | 6 | 981 | 82 | 4 | 8 | 4 | 0 | 4 | 77 | 88 |
| | Khulna | 025 | 2 | 6 | 00 | 00 | 97 | 02 | 0 | 988 | 80 | 3 | 3 | 4 | 0 | 0 | 79 | 86 |
| | Satkhira | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 5 | 974 | 82 | 4 | 3 | 9 | 9 | 9 | 79 | 88 |
| | Jessore | (8) | 8 | 7 | 13 | 05 | 56 | 03 | 9 | 971 | 82 | 3 | 6 | 4 | 2 | 0 | 75 | 90 |
| Rajshahi | Pabna | 000 | 0 | 7 | 13 | 02 | 97 | 01 | 2 | /// | // | / | / | / | | | 79 | 86 |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 000 | 0 | 7 | 13 | 02 | 96 | 02 | 0 | 976 | 86 | 4 | 2 | 5 | 2 | 0 | 80 | 86 |
| | Bogra | 000 | 0 | 7 | 09 | 02 | 96 | 02 | 0 | 974 | 83 | 5 | 6 | 4 | 3 | 0 | 79 | 83 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 2 | 856 | 03 | 2 | 4 | 7 | 7 | 0 | 74 | 04 |
| | Sialkot | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 0 | 915 | 93 | 0 | 0 | 9 | 0 | 0 | 71 | // |
| Rawalpindi | Jhelum | 000 | 0 | 5 | 13 | 03 | 92 | 02 | 1 | /// | // | / | / | / | / | / | // | 98 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 0C0 | 0 | 3 | 13 | 03 | 97 | 02 | 0 | 893 | 96 | 3 | 9 | 6 | 0 | 0 | 70 | 98 |
| | Campbellpur | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | /// | 04 | 0 | 0 | 9 | 0 | 0 | 04 | 05 |
| Sargodha | Khushab | 000 | 0 | 7 | 09 | 03 | 98 | 03 | 2 | 881 | 03 | 2 | 5 | 9 | 5 | 4 | 79 | 09 |
| | Sargodha | 000 | 0 | 5 | 18 | 03 | 96 | C6 | 0 | 838 | 04 | 5 | 8 | 6 | 0 | / | // | 06 |
| | Lyallpur | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 900 | 97 | 0 | 0 | 9 | 4 | 0 | 69 | 001 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 2 | 18 | 09 | 96 | 07 | 0 | 898 | 02 | 0 | 0 | 9 | 0 | 0 | 68 | 03 |
| | Leiah | 000 | 0 | 0 | 36 | 06 | 95 | 00 | 0 | 694 | 09 | 0 | 0 | 9 | 0 | 0 | 78 | 09 |
| Bahawalpur | Khanpur | 000 | 0 | 5 | 23 | 07 | 96 | 02 | 2 | 908 | 02 | 2 | 5 | 9 | 7 | 0 | 68 | C4 |
| | Bahawalpur | | | | | | | | | | | | | | | | | |
| | Fort Abbas | 000 | 0 | 0 | 31 | 04 | 98 | 00 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdara | 000 | 0 | 1 | 27 | 07 | 96 | 03 | 1 | 968 | 98 | 1 | 1 | 7 | 0 | 0 | 75 | 98 |
| Peshawar | Peshawar | 000 | 0 | 7 | 36 | 02 | 96 | 05 | 0 | 882 | 96 | 2 | 3 | 6 | 2 | 1 | 78 | 01 |
| | Haripur | | | | | | | | | | | | | | | | | |
| D.I. Khan | Bannu | 000 | 0 | 6 | 16 | 02 | 97 | 07 | 3 | 695 | 04 | 0 | 0 | 9 | 2 | 7 | 72 | 05 |
| | D. I. Khan | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 884 | 03 | 0 | 0 | 9 | 0 | 0 | 78 | 07 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 31 | 07 | 95 | 05 | 0 | E61 | 13 | 0 | 0 | 9 | 0 | 0 | 43 | 15 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 3 | 23 | 12 | 96 | 02 | 1 | 941 | 92 | 3 | 6 | 5 | 0 | 0 | 76 | 95 |
| | Pasni | 000 | 0 | 6 | 27 | 09 | 97 | 12 | 9 | 139 | 92 | 0 | 0 | 9 | 0 | 0 | 69 | 92 |
| | Ormara | 0C0 | 0 | 2 | 25 | 10 | 96 | 01 | 1 | 938 | 89 | 1 | 6 | 6 | 3 | 0 | 79 | 92 |
| | Lasbela | 000 | 0 | 3 | 13 | 03 | 97 | 00 | 0 | 931 | 03 | 0 | 0 | 9 | 0 | 0 | 79 | C4 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 7 | 27 | 17 | 96 | 03 | 2 | 951 | 89 | 7 | 6 | 5 | 0 | 0 | 77 | 91 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 7 | 23 | 17 | 96 | 02 | 2 | 934 | 91 | 4 | 5 | 6 | 2 | 0 | 75 | 91 |
| | Hyderabad | 000 | 0 | 8 | 23 | 09 | 97 | 02 | 2 | 934 | 94 | 8 | 0 | 9 | 3 | 0 | 74 | 98 |
| | Badin | 000 | 0 | 8 | 23 | 10 | 96 | 02 | 2 | 959 | 89 | 74 | 2 | 7 | 6 | 1 | 0 | // |
| Khairpur | Padidan | 000 | 0 | 6 | 13 | 07 | 95 | 05 | 2 | 900 | 05 | 1 | 5 | 6 | 7 | 0 | 69 | 06 |
| | Nawabshah | 000 | 0 | 6 | 13 | 07 | 96 | 01 | 2 | /// | 03 | 6 | 0 | 9 | 1 | 0 | 75 | 05 |
| | Sukkur | 000 | 0 | 7 | 23 | 03 | 96 | 03 | 0 | 906 | 03 | 7 | 0 | 9 | 9 | 0 | 78 | 04 |
| | Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jacobabad | 000 | 0 | 6 | 13 | 05 | 96 | 05 | 1 | 900 | 04 | 6 | 0 | 9 | 7 | 0 | 75 | 06 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 000 | 0 | 8 | 31 | 05 | 96 | 03 | 9 | /// | 73 | 8 | 5 | 2 | / | / | 67 | 76 |
| Malakand | Drosh * | 000 | 0 | 4 | 23 | 09 | 97 | 06 | 0 | 325 | 99 | 4 | 2 | 7 | 0 | 0 | 00 | // |
| Peshawar | Cherat * | 000 | 0 | 5 | 18 | 03 | 97 | 03 | 1 | 384 | 90 | 5 | 5 | 8 | 0 | 0 | 60 | 92 |
| | Kakul * | 014 | 0 | 3 | 16 | 02 | 95 | 05 | 1 | 378 | 83 | 3 | 4 | 5 | 0 | 0 | 70 | 86 |
| | Landikotal * | 000 | 0 | 5 | 18 | 05 | // | 02 | / | 3?8 | 92 | 5 | 2 | / | 2 | 0 | 74 | 97 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 378 | 99 | 0 | 0 | 9 | 0 | 0 | 69 | 00 |
| | Wana * | 000 | 0 | 0 | 13 | 04 | 93 | 00 | 0 | 391 | 95 | 0 | 0 | 5 | 0 | 0 | // | 97 |
| Quetta | Fort Sandeman * | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 342 | 02 | 1 | 1 | 7 | 1 | 1 | 31 | 08 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 09 | 98 | 02 | 0 | /// | 98 | 0 | 0 | 9 | 0 | 0 | 00 | 00 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 360 | 01 | 0 | 0 | 9 | 0 | 0 | 70 | 02 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 36 | 02 | 96 | 01 | 0 | 360 | 99 | 1 | 1 | 9 | 0 | 1 | 45 | 00 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 453 | 02 | 0 | 0 | 9 | 0 | 0 | 61 | 08 |
| | Nushki * | 000 | 0 | 0 | 23 | 03 | 95 | 06 | 0 | 412 | 08 | 0 | 0 | 9 | 0 | 0 | 49 | 08 |
| | Dalbandin * | 000 | 0 | 0 | 05 | 04 | 95 | 06 | 0 | 358 | 13 | 0 | 0 | 9 | 0 | 0 | 69 | 14 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 00 | 96 | 02 | 0 | 350 | 91 | 0 | 0 | 9 | 0 | 0 | 76 | 95 |
| | Khuzdar * | 000 | 0 | 6 | 13 | 17 | 96 | 01 | 2 | 348 | 99 | 3 | 5 | 6 | 7 | 0 | 48 | 01 |
| | Panjgur * | 000 | 0 | 2 | 30 | 15 | 95 | 05 | 0 | 376 | 07 | 0 | 0 | 9 | 0 | 1 | 86 | 08 |

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total Cloud amount N (22) | Wind direction in tens of degree 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 tenth)° 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 TnTn (36) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | | | | 27.2 | — | — | — |
| | Cox's Bazar | 045 | 9 | 6 | 18 | 07 | 96 | 01 | 2 | 017 | 65 | 5 | 4 | 4 | 2 | 0 | 79 | 75 | — | + 2 | 53.5 | +21.3 | — | 140 |
| | Chittagong | | | | | | | | | | | | | | | | | | | | 44.0 | +23.3 | — | 108 |
| | Maijdee Court | | | | | | | | | | | | | | | | | | | | 26.9 | + 5.6 | — | 115 |
| | Comilla | | | | | | | | | | | | | | | | | | | | 21.8 | + 2.9 | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | 78 |
| | Sylhet | 261 | 9 | 8 | 13 | 02 | 96 | 02 | 6 | (20 | 81 | 7 | 3 | 4 | 2 | | 74 | // | | | 33.1 | — | — | — |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 018 | 84 | 6 | 5 | 4 | 0 | 0 | 78 | 74 | — 1 | — 4 | 25.7 | + 7.6 | — | 91 |
| | Narayanganj | 003 | 0 | 8 | 13 | 02 | 97 | (2 | 2 | 009 | 82 | 8 | 4 | 6 | / | / | 79 | 80 | — 4 | + 1 | | | | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 13 | 05 | 57 | 02 | 2 | 015 | 82 | 7 | 6 | 4 | 3 | 1 | 77 | 80 | | | 12.0 | — | — | — |
| | Faridpur | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Khulna | Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | — | 21.7 | + 5.2 | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 68 |
| | Satkhira | 000 | 0 | 0 | 18 | 04 | 97 | 03 | 3 | (04 | 85 | 4 | 8 | 9 | 9 | 9 | 80 | 79 | | | 14.7 | + 2.0 | — | 65 |
| | Jessore | 000 | 0 | 6 | 09 | 03 | 56 | 02 | 2 | 003 | 82 | 6 | 8 | 5 | 0 | 0 | 80 | 78 | — 1 | — 1 | | | | 65 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Bogra | 000 | 0 | 7 | 13 | 02 | 96 | 02 | 2 | 010 | 82 | 5 | 6 | 4 | 3 | 0 | 79 | // | — 5 | — | | | | 69 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | 72 |
| | Rangpur | | | | | | | | | | | | | | | | | | | | 16.5 | — 1.9 | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 014 | 2 | 8 | 0/ | 05 | 97 | 21 | 6 | 962 | 76 | 4 | 9 | 6 | 2 | 0 | 72 | 75 | — 1 | — 7 | 2.2 | + 0.4 | 5.8 | 19 |
| | Sialkot | 291 | 3 | 8 | 00 | 00 | 92 | 71 | 6 | 967 | 76 | 4 | 5 | 5 | 1 | 0 | 75 | 73 | — | — 8 | 8.3 | + 5.6 | 14.5 | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 4.8 | — | 9.4 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 010 | 8 | 7 | 00 | 00 | 97 | 17 | 9 | 972 | 78 | 7 | 9 | 4 | 2 | 0 | 75 | // | — 2 | — | 9.2 | + 6.7 | 16.9 | 36 |
| | Campbellpur | 0C0 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | /// | 83 | 0 | 0 | 9 | 0 | 0 | 83 | 70 | | | 0.4 | — | 0.9 | — |
| Sargodha | Khushab | 000 | 0 | 7 | 05 | 07 | 97 | (3 | 2 | 978 | // | 3 | 5 | 9 | 4 | 0 | 65 | // | + 5 | — | 0.6 | + 0.9 | 2.7 | 15 |
| | Sargodha | C00 | 0 | 7 | 13 | 07 | 97 | 02 | 0 | 949 | 93 | 0 | 0 | 9 | 3 | 1 | 73 | 00 | — | — | 0.6 | — | 3.3 | — |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 97 | C0 | 0 | 946 | 89 | 0 | 0 | 9 | 0 | 0 | 75 | 12 | 0 | — 1 | 0.3 | — 1.0 | 3.6 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 18 | 12 | 96 | 07 | 0 | 925 | 89 | 0 | 0 | 9 | 0 | 0 | 75 | 67 | — 3 | + 2 | 1.3 | + 0.7 | 1.9 | 7 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | — | — | — | |
| Bahawalpur | Khanpur | 000 | 0 | 1 | 23 | 09 | 56 | 01 | 0 | 938 | 86 | 0 | 0 | 9 | 0 | 1 | 74 | 83 | | | 0.0 | — 0.3 | 0.6 | 8 |
| | Bahawalpur | | | | | | | | | | | | | | | | | | | | 0.0 | — 0.3 | 0.3 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | — | — | — | 6 |
| Malakand | Chakdara | 018 | 3 | 6 | C5 | 03 | 96 | 03 | 9 | 993 | 76 | 8 | 3 | 7 | 0 | 0 | 72 | 74 | | | 1.8 | — | 11.9 | 8 |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | 0.2 | — 0.1 | 8.7 | 11 |
| | Haripur | | | | | | | | | | | | | | | | | | | | 7.8 | — | 15.6 | |
| D.I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.7 | — | 3.0 | — |
| | D. I. Khan | 0C0 | 0 | 0 | 05 | 12 | 93 | 07 | 0 | 937 | 90 | 0 | 0 | 9 | 0 | 0 | 77 | 87 | + 2 | + 4 | 0.0 | — 0.6 | 2.8 | 11 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | 0.0 | — | 0.0 | 9 |
| | Nokkundi | C00 | 0 | 0 | // | // | 93 | 00 | 0 | 918 | 90 | 0 | 0 | 9 | 0 | 0 | 45 | 86 | | | 0.0 | — | 0.2 | 5 |
| Kalat | Turbat | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 023 | ?4 | 0 | 0 | 9 | 0 | 0 | 78 | 83 | | | 0.0 | — | 0.0 | 2 |
| | Jiwani | 000 | 0 | 0 | 27 | 09 | 96 | 02 | 0 | 960 | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 63 | | | 0.0 | — | 1.5 | — |
| | Pasni | 000 | 0 | 1 | // | 02 | 97 | 02 | 0 | 114 | 76 | 0 | 0 | 9 | 0 | 0 | 68 | // | — 1 | | 0.0 | — 0.3 | 0.0 | 5 |
| | Ormara | 000 | 0 | 3 | 27 | 12 | 96 | 01 | 1 | 957 | 84 | 2 | 6 | 6 | 3 | 0 | 10 | // | | | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela | C00 | 0 | 4 | 00 | C0 | 98 | 00 | 0 | 952 | 84 | 0 | 0 | 9 | 0 | 0 | 78 | 83 | | | 0.0 | — | 0.0 | 6 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Airport) | 000 | 0 | 8 | 27 | 12 | 96 | 03 | 2 | 959 | 84 | 5 | 6 | 5 | 3 | 1 | 76 | 82 | — | | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | 0.0 | — | 0.0 | — |
| | Chhor | 000 | 0 | 8 | 23 | 09 | 97 | 03 | 1 | 942 | 67 | 8 | 0 | 9 | 3 | 0 | 77 | 83 | | | 0.0 | — | 0.1 | — |
| | Hyderabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | 0.0 | — 0.5 | 0.7 | 7 |
| | Badin | C00 | 0 | 6 | 23 | 12 | 96 | 07 | 2 | 957 | 85 | 2 | 2 | 6 | 6 | 0 | 75 | 82 | | | 0.0 | — 1.3 | 0.0 | 9 |
| Khairpur | Padidan | 000 | 0 | 6 | 13 | 15 | 95 | 05 | 2 | 917 | 86 | 0 | 0 | 9 | 3 | 0 | 76 | 83 | | | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 6 | 23 | 05 | 56 | 02 | 1 | 955 | 84 | 6 | 2 | 6 | 0 | 0 | 77 | 80 | | | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 7 | 16 | 05 | 96 | 03 | 0 | 925 | 85 | 7 | 0 | 9 | 9 | 0 | 75 | 83 | | | 0.9 | — | 1.3 | — |
| | Kashmore | C00 | 0 | 6 | 18 | 02 | // | 03 | 2 | 941 | 84 | 0 | 0 | 9 | 6 | 0 | 77 | 03 | | | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 6 | 09 | 05 | 96 | 05 | 1 | 930 | 87 | 5 | 0 | 9 | 7 | 1 | 76 | 85 | — 5 | 0 | 0.0 | — 0.3 | 0.1 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 76 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | 024 | 4 | 5 | 09 | 02 | 97 | 02 | 9 | // | 67 | 5 | 5 | 3 | 0 | 0 | 64 | // | — 3 | — | 20.0 | +17.7 | 28.0 | 29 |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.6 | — | 9.2 | — |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 400 | 73 | 0 | 0 | 9 | 0 | 0 | 69 | 68 | + 1 | — 4 | 0.9 | — 0.2 | 8.5 | — |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 16.9 | — | 32.0 | 29 |
| | Landikotal * | 000 | 0 | 6 | 05 | 05 | 97 | 03 | 2 | 389 | 77 | 6 | 2 | / | 3 | 0 | 71 | 73 | | | 0.4 | — | 10.1 | 13 |
| | Parachinar * | 000 | 0 | 3 | 09 | 02 | 97 | 03 | 0 | 395 | 79 | 2 | 5 | 6 | 3 | 0 | 61 | 70 | — | + 4 | 1.6 | — | 9.1 | 11 |
| D.I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — 0.9 | 1.6 | 13 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.3 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 4 | 374 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 77 | + 7 | + 1 | 1.0 | + 0.3 | 2.3 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 05 | 95 | 05 | 0 | /// | 87 | 0 | 0 | 9 | 0 | 0 | // | 68 | | | 0.3 | — | 2.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Harnai * | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 362 | 89 | 0 | 0 | 9 | 0 | 0 | 72 | 84 | — | — | 0.0 | — 0.8 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 3 | 00 | 00 | 96 | 06 | 0 | 307 | 37 | 0 | 0 | 9 | 0 | 1 | 51 | 68 | + 6 | + 1 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 461 | 74 | 0 | 0 | 9 | 0 | 0 | 75 | 79 | — 1 | + 4 | 0.0 | — 0.0 | 1.8 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 07 | 95 | 06 | 0 | 422 | 93 | 0 | 0 | 9 | 0 | 0 | 37 | 88 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 06 | 95 | 06 | 0 | 383 | 90 | 0 | 0 | 9 | 0 | 0 | // | 81 | + 5 | + 7 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 00 | 94 | 00 | 2 | 384 | 74 | 0 | 0 | 9 | 0 | 0 | 51 | 73 | + 2 | + 18 | 0.0 | — 0.2 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 0 | 31 | 03 | 95 | 05 | 0 | 371 | 83 | 0 | 0 | 9 | 0 | 0 | 65 | 80 | | | 0.1 | — | 0.3 | 5 |
| | Panjgur * | 000 | 0 | 0 | 23 | 00 | 95 | 05 | 0 | 389 | 84 | 0 | 0 | 9 | 0 | 0 | 74 | 81 | + 5 | + 7 | 0.0 | — | 0.1 | — |

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

# National Oceanic and Atmospheric Administration

## Climate Database Modernization Program

### ERRATA NOTICE

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

Discolored pages
Faded or light ink
Binding intrudes into the text

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

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

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 1st JULY, 1971.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_w$ $_w$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OI_sT_sT_sT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh T1T$_s$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 999 264 03 | ... | 450 168 12 | 145 102 30 | 586 065 25 | 757 141 50 | 969 275 // | 249 489 // | 432 617 // | 676 755 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 992 284 45 | ... | 400 260 69 | 064 134 65 | 580 071 // | 751 155 // | 961 291 // | 243 421 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 952 294 87 | 756 /// // | 345 256 47 | 045 150 00 | 579 033 // | 754 095 // | 970 /// // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 812 252 71 | ... | ... | 077 128 // | 590 060 // | 769 021 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 992 290 50 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels: PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 270 48 | 532 000 // | 471 675 // | 196 437 // | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Height in kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 150 04 | 140 05 | 150 06 | 235 08 | 225 17 | 310 19 | 325 18 | 330 19 | ... | 025 05 | 030 06 | ... | 255 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 220 19 | 225 20 | 215 13 | 175 09 | ... | ... | ... | ... | ... | 230 26 | 235 33 | 250 35 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | | | | ... | | | | | | | | | | | | | | | | | | | | | | |
| Cox's Bazar ... | 170 16 | 170 12 | 145 12 | ... | 140 13 | ... | ... | ... | ... | 140 18 | 145 20 | 165 17 | 175 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 175 14 | 180 12 | 170 13 | 160 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 07 | 330 11 | 335 20 | 330 27 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 195 10 | 185 13 | 175 16 | 170 15 | 165 13 | 165 22 | ... | ... | ... | 075 05 | 165 13 | 195 13 | 135 07 | 125 06 | ... | 080 18 | 090 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 235 12 | 220 13 | 190 07 | 250 02 | 350 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0// // | 050 08 | 335 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jacobabad ... | 165 13 | 165 13 | 175 11 | 085 02 | 360 06 | 350 08 | 050 04 | ... | ... | 130 15 | 180 13 | 205 04 | 180 04 | 235 08 | 295 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 125 10 | 140 10 | 185 12 | 210 04 | 295 15 | 310 13 | 300 13 | 320 13 | ... | Rain- | ing | ... | ... | ... | ... | 120 07 | 092 51 | 071 31 | 030 18 | 010 21 | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 19 | 280 24 | 290 25 | 260 32 | 285 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 250 16 | 255 21 | 265 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 23 | 280 18 | 285 22 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 215 10 | 215 14 | 220 11 | 240 14 | 245 14 | 255 21 | ... | ... | ... | 190 12 | 180 13 | 195 16 | 220 15 | 210 14 | 355 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 285 02 | 280 02 | 265 02 | 240 03 | 275 03 | ... | ... | ... | ... | 060 10 | 040 17 | 040 12 | 170 54 | 225 15 | ... | 120 09 | 105 12 | 090 10 | 195 04 | 295 08 | 285 11 | ... | ... | ... | ... | ... |
| Multan ... | 200 05 | 195 08 | 190 11 | 200 11 | ... | 105 09 | 070 03 | ... | ... | 185 21 | 195 28 | 200 33 | ... | ... | ... | 195 10 | 190 08 | 195 12 | 180 17 | 190 18 | 190 10 | 170 11 | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 010 07 | 320 12 | 325 08 | 335 11 | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 17 | 270 10 | 280 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 025 11 | 045 11 | 170 09 | 195 17 | 220 08 | 280 10 | ... | ... | ... | 040 12 | 360 05 | 180 05 | 195 07 | 270 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | 155 07 | 215 12 | 310 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 320 // | 305 07 | 340 02 | 345 04 | 240 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 03 | 270 11 | 195 03 | ... | 167 03 | ... | ... |
| Sargodha ... | 155 07 | 185 04 | 190 06 | 185 04 | 220 06 | ... | ... | ... | ... | 100 15 | 140 10 | 210 08 | 185 04 | 190 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sy hat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Varaval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g p. Kms a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.4 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 215 15 | 240 15 | 240 14 | 245 16 | 260 18 | 290 15 | 310 09 | ... | 030 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

**Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)**

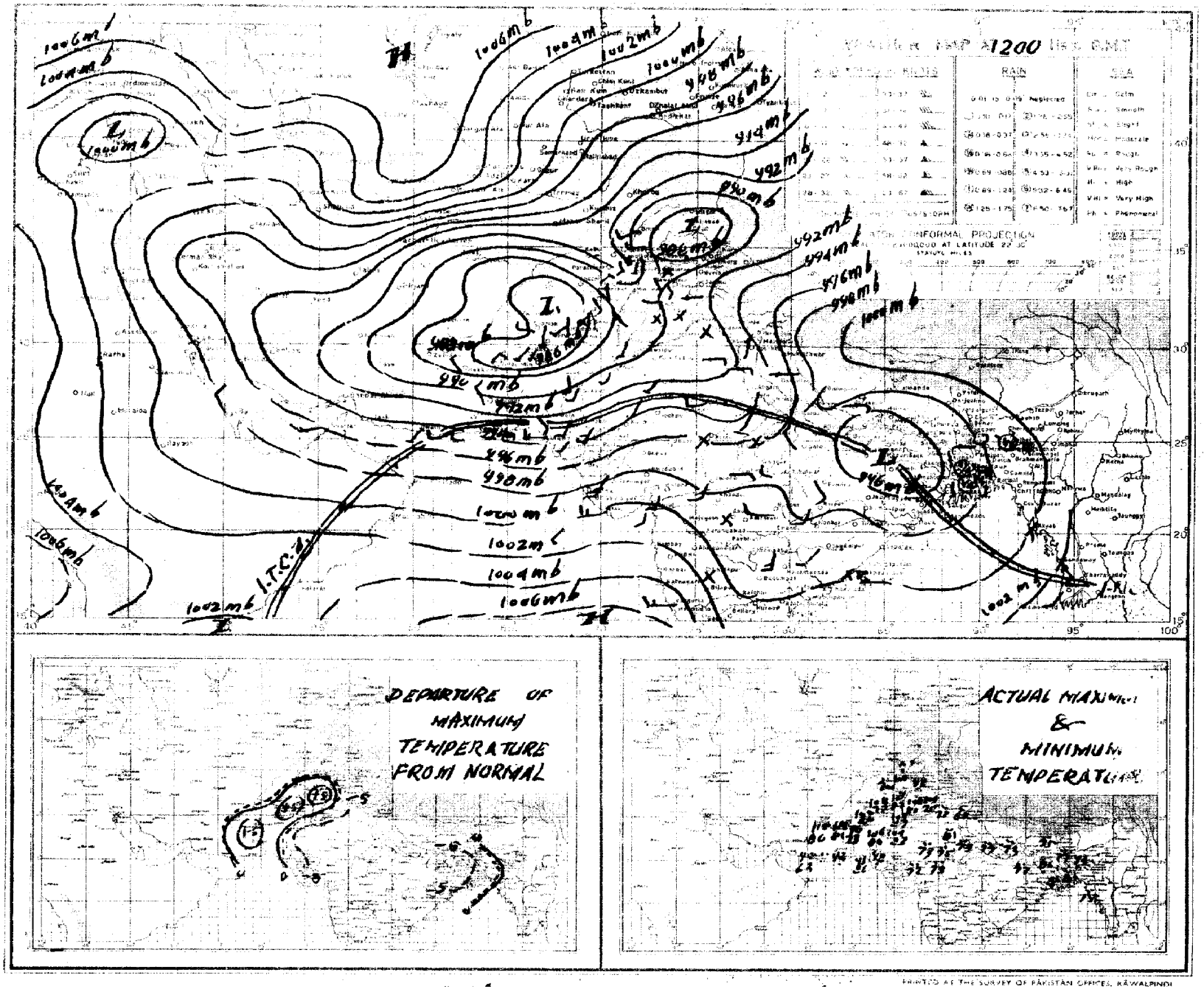
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
$T_a$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

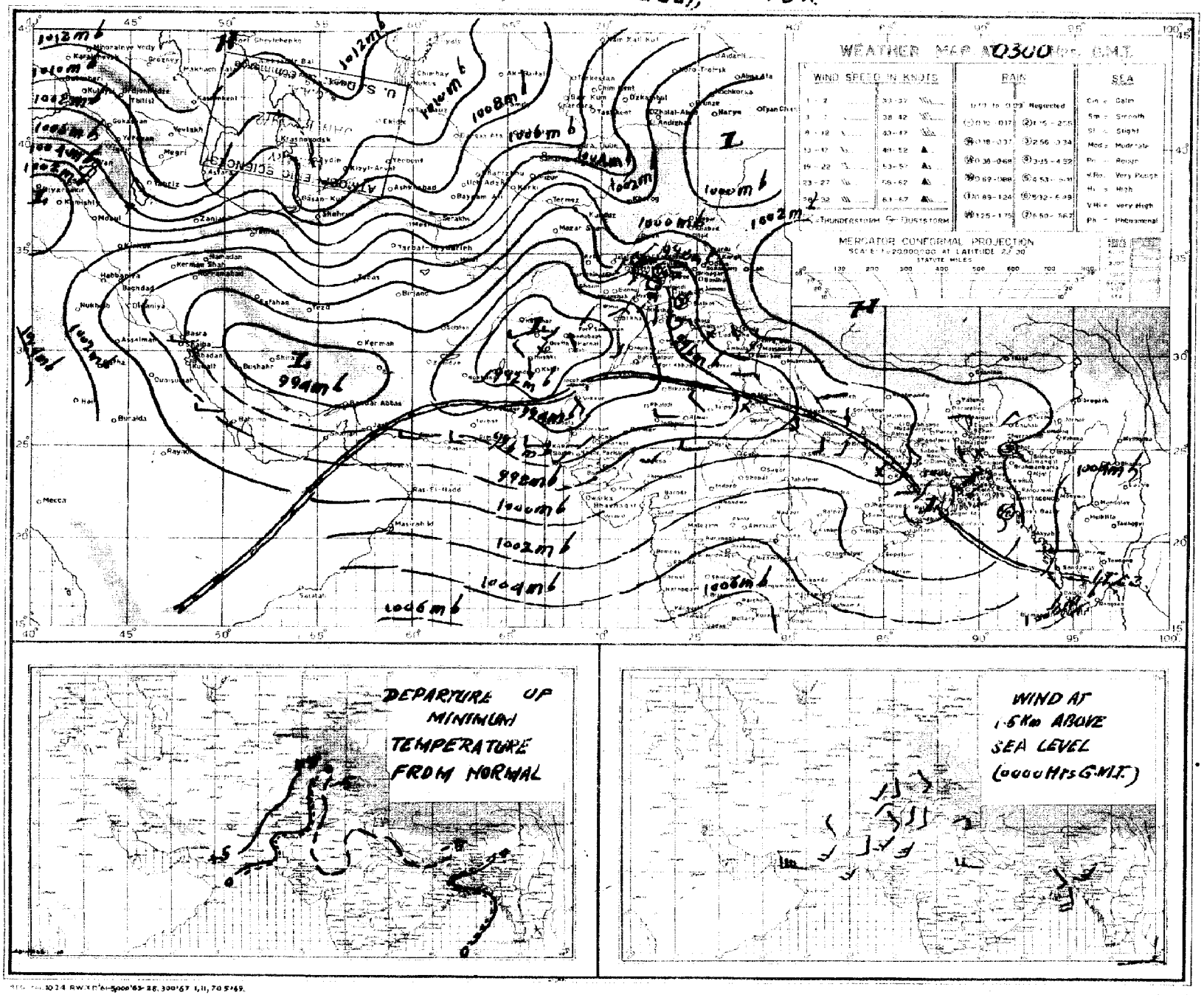
WEDNESDAY 30th JUNE, 1971.




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

THURSDAY 1st JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**FRIDAY THE 2nd JULY, 1971.**

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

Observations from Orissa and adjoining West Bengal absent but believe a shallow low pressure area has formed over northwest Bay of Bengal and adjoining land areas.

Local rain/thundershowers have occured over Dacca, Chittagong and Khulna divisions and scattered elsewhere over East Pakistan.

Yesterday's westerly low pressure wave north of Kashmir has moved away.

A shallow low pressure area with its upper air cyclonic circulation extending upto 500 mb level has developed over western Uttar Pradesh and adjoining Rajasthan. Incursion of moist easterlies into Punjab persists.

Rain/thundershowers with a few heavy to very heavy falls have been widespread in Rawalpindi and Lahore divisions. local in Sargodha and Malakand divisions and scattered in Peshawar division. A few isolated thunderstorms have also been reported from Quetta division.

Chief amounts of rainfall are Haripur 4" (upto 1200 Z), Sialkot 2", Lahore 1½", Lyallpur and Sargodha 1" each, Rawalpindi ¾", Jhelum and Cox's Bazar ½" each and Chittagong ¼".

Day temperatures were 3–6 °F (2–3 °C) above normal in Dacca, Rajshahi, Malakand and Quetta division. 11 °F (6 °C) below normal in Rawalpindi division and 3–6 °F (2–3 °C) so in Sargodha and Peshawar divisions.

**Forecast valid until the evening of the 3rd July, 1971** :– Rain/thundershowers will be fairly widespread over coastal districts and local elsewhere over East Pakistan. Local rain/thundershowers also likely over Lahore and Rawalpindi divisions and adjoining Kashmir. A few thunderstorms/showers may also occur over Peshawar, Sargodha, Multan, D. I. Khan and northern Quetta division. Weather will be mainly dry elsewhere over West Pakistan.

Karachi-32
The 2nd July, 1971.

## OBSERVATIONS

M SHAHABUDDIN.
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature °F (TT) | Dew point temperature °F (Td) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dew point temperature °F (TdTd) | Maximum temperature (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total Cloud amount (N) | Wind direction in tens of degree (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) | Dew point temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of Maximum temperature (TxTx) | Departure from Normal of Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1971 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 003 | 5 | 6 | 18 | 05 | 98 | 03 | 6 | 991 | 82 | 5 | 7 | 5 | 7 | 0 | 75 | 88 | 008 | 3 | 6 | 13 | 09 | 98 | 01 | 6 | 002 | 86 | 3 | 4 | 0 | 7 | 1 | 81 | 70 | — | — | 27.2 | — | | — |
| | Cox's Bazar | 001 | 9 | 7 | 18 | 09 | 97 | 02 | 6 | 993 | 86 | 82 | 4 | 4 | 3 | 0 | 75 | 84 | 063 | 9 | 7 | 13 | 06 | 96 | 03 | 7 | 016 | 81 | 6 | 4 | 4 | 5 | 0 | 78 | 75 | — 2 | — 2 | 54.1 | +23.9 | | 140 |
| | Chittagong | 009 | 6 | 7 | 13 | 09 | 96 | 01 | 6 | 976 | 82 | 5 | 2 | 4 | 2 | / | 79 | 85 | 022 | 6 | 7 | 13 | 12 | 96 | 02 | 6 | 014 | 79 | 3 | 5 | 5 | 3 | 0 | 74 | 76 | — 1 | — 1 | 44.3 | +21.9 | | 108 |
| | Maijdee Court | 000 | 9 | 6 | 18 | 02 | 97 | 01 | 2 | 974 | 84 | 4 | 2 | 5 | 2 | 0 | 75 | 86 | 009 | 0 | 8 | 16 | 02 | 97 | 03 | 2 | 994 | 84 | 5 | 5 | 4 | 2 | 1 | 77 | 70 | 0 | — 8 | 26.9 | + 4.9 | | 115 |
| | Comilla | 000 | 0 | 7 | 18 | 12 | 97 | 02 | 2 | /// | 85 | 7 | 4 | 4 | 0 | 2 | // | // | 000 | 0 | 4 | 13 | 09 | 96 | 02 | 1 | 001 | 84 | 4 | 4 | 5 | 0 | 0 | 77 | 77 | // / | 0 | 21.8 | + 2.4 | | 94 |
| | Brahmanbaria | 000 | 0 | 4 | 10 | 35 | 96 | 02 | 2 | 995 | 86 | 4 | 4 | 4 | 6 | 0 | 86 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | | | 78 |
| | Sylhet | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 978 | 84 | 3 | 2 | 6 | 3 | 0 | 75 | 88 | 017 | 9 | 6 | 09 | 05 | 96 | 02 | 6 | 008 | 83 | 4 | 5 | 4 | 3 | 0 | 77 | 79 | — | — | 33.3 | — | | — |
| | Srimangal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 987 | 87 | 5 | 5 | 4 | 0 | 0 | 00 | 91 | 000 | 0 | 3 | 13 | 02 | 97 | 01 | 1 | 009 | 86 | 3 | 0 | 6 | 1 | 0 | 79 | 77 | + 4 | — 1 | 25.7 | + 7.0 | | 91 |
| | Narayanganj | 000 | 0 | 5 | 13 | 02 | 95 | 02 | 2 | 977 | 87 | 2 | 6 | 6 | 3 | 1 | // | // | 000 | 0 | 6 | 13 | 03 | 97 | 02 | 2 | 997 | 85 | 5 | 6 | 6 | 3 | 1 | 79 | 80 | // / | + 1 | — | — | | 74 |
| | Dacca (Tejgaon | 000 | 0 | 6 | 13 | 05 | 97 | 02 | 2 | 973 | 86 | 4 | 3 | 4 | 0 | 3 | 77 | 87 | 011 | 9 | 7 | 13 | 05 | 97 | 03 | 6 | 998 | 83 | 6 | 8 | 4 | 7 | 0 | 77 | 79 | — | — | 12.1 | — | | — |
| | Faridpur | 000 | 0 | 2 | 16 | 02 | 97 | 01 | 1 | 961 | 86 | 2 | 5 | 6 | 0 | 0 | 79 | 90 | 015 | 3 | 6 | 16 | 02 | 97 | 02 | 6 | 992 | 81 | 6 | 5 | 5 | 0 | 0 | 80 | 77 | — | — | — | — | | 71 |
| Khulna | Barisal | 000 | 0 | 6 | 14 | 07 | 97 | 02 | 2 | 970 | 84 | 4 | 4 | 4 | 0 | 8 | 75 | 88 | 002 | 2 | 7 | 18 | 06 | 97 | 51 | 5 | 995 | 83 | 6 | 6 | 3 | 2 | 8 | 79 | 79 | 0 | 0 | 21.7 | + 4.7 | | 81 |
| | Khulna | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | | 68 |
| | Satkhira | ... | | | | | | | | | | | | | | | | | 000 | 0 | 4 | 00 | 00 | 99 | 02 | 0 | 002 | 85 | 0 | 4 | 4 | 0 | 0 | // | 78 | — | — | 14.7 | + 1.6 | | 65 |
| | Jessore | 000 | 0 | 6 | 09 | 05 | 96 | 03 | 2 | 961 | 88 | 5 | 8 | 4 | 0 | 1 | 79 | 89 | 005 | 0 | 7 | 36 | 05 | 96 | 03 | 2 | 998 | 83 | 6 | 9 | 4 | 3 | 0 | 79 | 79 | — | — | — | — | | 65 |
| Rajshahi | Pabna | 000 | 0 | 2 | 13 | 02 | 99 | 01 | 1 | /// | 86 | 2 | 2 | 6 | 0 | 0 | 78 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | | 59 |
| | Sirajganj | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 64 |
| | Rajshahi | 030 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 966 | 88 | 5 | 2 | 5 | 3 | 0 | 80 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | | — |
| | Bogra | 001 | 4 | 5 | 05 | 05 | 96 | 01 | 2 | 969 | 84 | 3 | 6 | 4 | 3 | 0 | 79 | 83 | 000 | 0 | 6 | 09 | 05 | 96 | 03 | 2 | 019 | 85 | 4 | 5 | 4 | 7 | 0 | 77 | 78 | — | — | — | — | | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 010 | 83 | 7 | 7 | 2 | 0 | 0 | 79 | 79 | — | — | — | — | | 72 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 8 | 7 | 00 | 00 | 96 | 01 | 6 | 998 | 81 | 7 | 6 | 5 | 0 | 0 | 79 | 77 | — | — | 16.4 | — 2.4 | | 84 |
| Kashmir | Jammu | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd ) | 000 | 0 | 6 | 09 | 05 | 97 | 02 | 2 | 935 | 88 | 2 | 5 | 7 | 2 | 5 | 77 | 89 | 148 | 3 | 7 | 27 | 02 | 97 | 01 | 6 | 981 | 76 | 3 | 5 | 6 | 2 | 0 | 73 | 72 | — 19 | — 10 | 3.6 | + 1.8 | 7.3 | 19 |
| | Sialkot | 006 | 0 | 4 | 00 | 00 | // | // | 2 | 946 | 85 | 4 | 0 | 9 | 7 | 0 | 77 | 85 | 220 | 2 | 8 | 27 | 02 | 96 | 95 | 9 | 985 | 74 | 5 | 9 | 5 | 2 | 1 | 73 | 73 | — 15 | — 8 | 10.5 | + 7.6 | 16.7 | 32 |
| Rawalpindi | Jhelum | 003 | 0 | 4 | 10 | // | 98 | 01 | 3 | 939 | 87 | 3 | 0 | 9 | 7 | / | 77 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 5.2 | — | 9.9 | — |
| | Islamabad | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | — |
| | Rawalpindi | 012 | 9 | 4 | 13 | 07 | 97 | 01 | 9 | 935 | 86 | 4 | 2 | 6 | 3 | 0 | 76 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 10.0 | + 7.4 | 17.7 | 36 |
| | Campbellpur | 000 | 0 | 2 | 09 | 12 | 97 | 00 | 0 | /// | 93 | 7 | 7 | 9 | / | / | 04 | 97 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 0.9 | — |
| Sargodha | Khushab | 009 | 0 | 0 | 09 | 10 | 97 | 03 | 2 | 914 | 97 | 4 | 5 | 9 | 4 | 4 | 77 | 99 | 000 | 0 | 8 | 09 | 02 | 97 | 63 | 5 | 978 | 80 | 8 | 2 | 9 | 0 | 0 | 64 | // | — 4 | / | 0.6 | + 1.0 | 2.7 | 15 |
| | Sargodha | 000 | 0 | 4 | 09 | 12 | 97 | 02 | 1 | 914 | 96 | 4 | 8 | 6 | 0 | 0 | 75 | 00 | 114 | 6 | / | 13 | 05 | 97 | 29 | 9 | 963 | 74 | 2 | 9 | 6 | 2 | 4 | 73 | — | — | 1.3 | — | 4.4 | — |
| | Lyallpur | 000 | 0 | 4 | 36 | 02 | 97 | 02 | 1 | 912 | 92 | 4 | 0 | 9 | 4 | 0 | 66 | 97 | 000 | 0 | 6 | 36 | 02 | 96 | 69 | 9 | 985 | 83 | 6 | 7 | 6 | 0 | 0 | 77 | 72 | — 7 | — 11 | 1.4 | + 0.1 | 4.7 | 12 |
| Multan | Sahiwal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 10 |
| | Multan | 000 | 0 | 1 | 18 | 09 | 96 | 06 | 0 | 897 | 03 | 1 | 0 | 9 | 3 | 0 | 71 | 04 | 000 | 0 | 7 | 09 | 10 | 95 | 07 | 1 | 954 | 85 | 3 | 5 | 6 | 1 | 1 | 76 | 85 | — 1 | 0 | 1.3 | + 0.6 | 1.9 | 7 |
| | Leiah | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 8 |
| Bahawalpur | Khanpur | 080 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 898 | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 06 | 000 | 0 | 1 | 23 | 03 | 96 | 02 | 0 | 48 | 86 | 0 | 0 | 9 | 0 | 1 | 74 | 85 | — | — | 0.0 | — 0.4 | 0.6 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 908 | 01 | 0 | 0 | 9 | 0 | 0 | 70 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.4 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 04 | 98 | 00 | 0 | 904 | // | 0 | 0 | 9 | 0 | 0 | 93 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | | 8 |
| Malakand | Chakdara | 160 | 0 | 6 | 27 | 17 | 96 | 03 | 2 | 995 | 81 | 6 | 1 | 7 | 4 | 0 | 71 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 1.8 | — | 11.9 | — |
| Peshawar | Peshawar | 000 | 0 | 4 | 36 | 02 | 96 | 05 | 0 | 898 | 96 | 2 | 6 | 3 | 0 | / | 73 | 98 | 000 | 0 | 8 | 36 | 03 | 97 | 03 | 2 | 956 | 79 | 4 | 5 | 6 | 2 | 0 | 72 | 78 | — 6 | — 2 | 0.2 | — 0.1 | 8.7 | 11 |
| | Haripur | 410 | 8 | 4 | 30 | 13 | 97 | 01 | 6 | 944 | 88 | 4 | 0 | 9 | 7 | 0 | 72 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 11.9 | — | 19.7 | — |
| D. I. Khan | Bannu | 000 | 0 | 2 | 09 | 12 | 97 | 00 | 0 | /// | 93 | 0 | 0 | 9 | 0 | 0 | 77 | 97 | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 9 | 963 | 76 | 5 | 5 | 6 | 7 | 0 | 61 | 75 | — | — | 0.6 | — | 3.0 | — |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 892 | 02 | 0 | 0 | 9 | 0 | 0 | 79 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | — | 0.0 | — 0.7 | 2.9 | 11 |
| Quetta | Sibi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 9 |
| | Nokkundi | 000 | 0 | 0 | 36 | 26 | 94 | 05 | 4 | 880 | 09 | 0 | 0 | 9 | 0 | 0 | 38 | 11 | 000 | 0 | 0 | 31 | 03 | 95 | 08 | 4 | 934 | 84 | 0 | 0 | 9 | 0 | 0 | 35 | 84 | — | — | 0.0 | — | 0.0 | 5 |
| Kalat | Turbat | 080 | 0 | 0 | 31 | 00 | 98 | 00 | 0 | 204 | 84 | 0 | 0 | 9 | 0 | 0 | 78 | 05 | 000 | 0 | 0 | 31 | 02 | 98 | 00 | 0 | 012 | 85 | 0 | 0 | 9 | 0 | 0 | 78 | 83 | — | — | 0.0 | — | 0.0 | 2 |
| | Jiwani | 080 | 0 | 0 | 27 | 14 | 96 | 02 | 0 | 935 | 92 | 0 | 0 | 9 | 0 | 0 | 73 | 96 | 000 | 0 | 4 | 13 | 03 | 97 | 02 | 0 | 957 | 83 | 4 | 6 | 5 | 0 | 0 | 83 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 080 | 0 | 0 | 27 | 06 | 97 | 02 | 0 | /// | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 16 | — | 0.1 | — 0.3 | 0.0 | 6 |
| | Ormara | 010 | 0 | 0 | 23 | 23 | 96 | 02 | 0 | 918 | 91 | 0 | 0 | 9 | 0 | 0 | 75 | 93 | 000 | 0 | 4 | 27 | 19 | 96 | 02 | 2 | 943 | 83 | 4 | 6 | 6 | 0 | 0 | 79 | ... | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 954 | 84 | 0 | 0 | 8 | 0 | 0 | 78 | 83 | — | — | 0.0 | — | 0.0 | 6 |
| Karachi division | Karachi (Manora) | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 16 | 96 | 03 | 2 | 938 | 86 | 7 | 6 | 5 | 0 | 0 | 79 | 90 | 000 | 0 | 2 | 25 | 09 | 96 | 03 | 2 | 955 | 84 | 5 | 6 | 5 | 3 | 0 | 78 | 82 | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | — |
| | Chhor | ... | | | | | | | | | | | | | | | | | 000 | 0 | 7 | 23 | 12 | 96 | 03 | 2 | 946 | 83 | 7 | 8 | 5 | 0 | 0 | 74 | 81 | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 5 | 23 | 09 | 97 | 01 | 2 | 916 | 96 | 7 | 5 | 9 | 6 | 0 | 69 | 01 | 000 | 0 | 7 | 23 | 07 | 97 | 02 | 1 | 940 | 85 | 3 | 0 | 9 | 3 | 1 | 75 | 82 | 0 | 0 | 0.0 | — 0.5 | 0.7 | 9 |
| | Badin | 000 | 0 | 5 | 23 | 09 | 96 | 03 | 1 | 942 | 83 | 5 | 2 | 6 | 0 | 0 | 73 | 98 | 000 | 0 | 4 | 23 | 12 | 96 | 03 | 1 | 959 | 83 | 4 | 6 | 5 | 0 | 0 | 75 | 81 | — | — | 0.0 | — 1.5 | 0.0 | |
| Khairpur | Padidan | 000 | 0 | 2 | 18 | 03 | 95 | 02 | 1 | /// | 09 | 2 | 0 | 9 | 3 | 0 | 68 | // | 000 | 0 | 4 | 13 | 05 | 95 | 05 | 0 | 927 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 2 | 18 | 04 | 96 | 01 | 1 | 893 | 08 | 0 | 0 | 9 | 0 | 0 | 76 | 09 | 000 | 0 | 4 | 13 | 07 | 96 | 05 | 0 | 933 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 6 | 20 | 05 | 96 | 03 | 0 | 892 | 09 | 6 | 0 | 9 | 9 | 0 | 79 | 110 | 000 | 0 | 4 | 23 | 05 | 96 | 03 | 0 | 931 | 85 | 7 | 0 | 9 | 9 | 0 | 75 | 82 | — | — | 0.9 | — | 1.3 | — |
| | Kashmore | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 910 | 02 | 9 | 0 | 9 | 0 | 0 | 70 | 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 5 | 23 | 09 | 97 | 02 | 1 | 916 | 96 | 0 | 0 | 9 | 0 | 1 | 76 | 00 | 000 | 0 | 3 | 13 | 05 | 96 | 05 | 0 | 931 | 87 | 0 | 0 | 9 | 0 | 8 | 79 | 85 | — 11 | 0 * | 0.0 | — 0.3 | 0.1 | |
| Junagadh | Veraval | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Kashmir | Srinagar * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Dras ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | ... | | | | | | | | | | | | | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Misgar ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | ... | 000 | 0 | 5 | 13 | 07 | 96 | 11 | 9 | 336 | 82 | 3 | 3 | 6 | 3 | 0 | 58 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 59 |
| Rawalpindi | Murree | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 178 | 2 | 8 | 05 | 02 | 97 | 03 | 9 | /// | 58 | 8 | 5 | 4 | / | / | / | 56 | 57 | — | — 6 | 20.0 | +15.4 | 28.0 | 18 |
| Malakand | Drosh * | ... | 000 | 0 | 3 | 23 | 12 | 97 | 06 | 2 | 333 | 93 | 3 | 2 | 7 | 0 | 0 | 46 | 01 | 000 | 0 | 2 | 00 | 00 | 99 | 02 | 0 | 337 | 77 | 2 | 1 | 6 | 0 | 0 | 64 | 69 | + 6 | — 2 | 0.6 | — | 9.2 | 29 |
| Peshawar | Chitral * | ... | 082 | 0 | 6 | 18 | 09 | 96 | 03 | 0 | 380 | 82 | 6 | 3 | 8 | 0 | 0 | 69 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.9 | — 0.2 | 8.5 | — |
| | Kakul * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 16.9 | — | 32.1 | 29 |
| | Landikotal * | ... | 000 | 0 | 6 | 18 | 05 | 97 | 02 | 0 | 364 | 87 | 6 | 0 | / | 2 | 0 | 79 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * | 001 | 0 | 7 | 16 | 05 | 96 | 95 | 9 | 388 | 74 | 6 | 9 | 6 | 6 | 0 | 57 | 86 | 041 | 0 | 2 | 02 | 02 | 95 | 05 | 2 | 396 | 72 | 2 | 5 | 6 | 0 | 0 | 61 | 67 | — 3 | + 1 | 1.5 | — | 9.1 | 11 |
| D.I. Khan | Miranshah | 000 | 0 | 6 | 05 | 05 | 99 | 00 | 2 | 372 | 93 | 6 | 0 | 9 | 0 | 2 | 72 | 95 | 000 | 0 | 6 | 05 | 05 | 97 | 00 | 2 | 374 | 80 | 0 | 0 | 9 | 0 | 2 | 73 | 78 | — | — | 0.0 | — 1.0 | 1.6 | 13 |
| | Wana * | 000 | 0 | 0 | 13 | 04 | 98 | 00 | 0 | 381 | 88 | 0 | 0 | 9 | 0 | 0 | 78 | 92 | 000 | 0 | 2 | 06 | 06 | 98 | 00 | 0 | 391 | 74 | 2 | 5 | 8 | 0 | 0 | 73 | 72 | — | — | 0.2 | — | 0.9 | |
| Quetta | Fort Sandeman ** | 000 | 0 | 7 | 02 | 24 | 96 | 17 | 9 | 342 | 85 | 5 | 3 | 6 | 2 | 1 | // | 01 | 000 | 0 | 1 | 03 | 03 | 95 | 05 | 4 | 372 | 60 | / | 9 | 1 | 1 | 66 | 77 | + 2 | + 1 | 1.0 | + 0.3 | 2.3 | 9 |
| | Hindubagh ** | 000 | 0 | 0 | 25 | 19 | 95 | 05 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | // | 03 | 002 | 0 | 0 | 03 | 03 | 94 | 05 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | // | 72 | — | — | 0.3 | — | 2.1 | — |
| | Loralai ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | | 14 |
| | Barkhan ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 3.0 | — | 0.0 | 9 |
| | Harnai ** | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 374 | 99 | 0 | 0 | 9 | 0 | 0 | 68 | 01 | 000 | 0 | 0 | 01 | 01 | 96 | 02 | 0 | 360 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 84 | — | — | 0.0 | — 0.8 | 0.0 | 8 |
| | Samungli (Quetta) ** | 000 | 0 | 0 | 27 | 10 | 96 | 06 | 0 | 349 | 97 | 0 | 0 | 9 | 0 | 0 | 68 | 98 | 000 | 0 | 3 | 00 | 00 | 94 | 05 | 0 | 381 | 79 | 0 | 0 | 9 | 0 | 1 | 63 | 71 | + 4 | + 4 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman ** | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 434 | 02 | 0 | 0 | 9 | 0 | 0 | 71 | 03 | 000 | 0 | 0 | 08 | 03 | 93 | 05 | 0 | 474 | 81 | 0 | 0 | 9 | 0 | 0 | 71 | 81 | + 1 | + 6 | 0.0 | — 0.2 | 1.6 | — |
| | Nushki ** | 000 | 0 | 0 | 31 | 13 | 95 | 06 | 0 | 390 | 06 | 0 | 0 | 9 | 0 | 0 | 49 | 11 | 000 | 0 | 0 | 09 | 09 | 94 | 06 | 0 | 416 | 84 | 0 | 0 | 9 | 0 | 0 | 29 | 82 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin ** | 000 | 0 | 0 | 31 | 18 | 92 | 07 | 0 | 375 | 09 | 0 | 0 | 9 | 0 | 0 | 34 | 01 | 000 | 0 | 0 | 19 | 19 | 92 | 07 | 0 | 388 | 84 | 0 | 0 | 9 | 0 | 0 | 41 | 81 | — 8 | + 3 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | Kalat ** | 000 | 0 | 9 | 27 | 00 | 95 | 00 | 2 | 391 | 90 | 0 | 0 | 9 | 0 | 0 | 60 | 90 | 002 | 0 | 4 | 00 | 00 | 94 | 00 | 2 | 380 | 75 | 0 | 2 | 9 | 0 | / | // | 73 | — 3 | + 18 | 0.0 | — 0.2 | 0.4 | — |
| | Khuzdar ** | 000 | 0 | 3 | 31 | 07 | 95 | 00 | 0 | 347 | 03 | 1 | 5 | 7 | 3 | 0 | 44 | 05 | 000 | 0 | 8 | 05 | 05 | 95 | 05 | 0 | 374 | 87 | 0 | 0 | 9 | 0 | 0 | // | 83 | — | — | 0.1 | — | 0.3 | 5 |
| | Panjgur ** | 000 | 0 | 0 | 31 | 07 | 95 | 05 | 0 | 378 | 05 | 0 | 0 | 9 | 0 | 0 | 09 | 08 | 000 | 0 | 0 | 03 | 03 | 95 | 05 | 0 | 402 | 80 | 0 | 0 | 9 | 0 | 0 | 72 | 84 | + 5 | + 6 | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 2nd JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | $7RR\ t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wc}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | Surface PoPoPoToToToDoDo | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 998 258 12 | 515 /// // | 420 195 38 | 070 102 00 | 778 039 18 | 751 139 29 | 967 273 33 | 243 503 // | 424 669 // | 662 793 // | ... | ... | ... |
| Dacca ... | 00 00 | 998 266 // | 521 /// // | 430 150 24 | 052 108 42 | 579 031 43 | 752 127 57 | 967 255 62 | 249 461 // | 434 601 // | 681 701 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 991 280 28 | 552 /// // | 350 174 66 | 989 070 64 | 569 025 71 | 743 131 // | 965 297 // | 235 463 // | 421 067 // | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 954 256 24 | 556 /// // | 360 208 50 | 035 144 57 | 580 026 // | 755 097 // | 974 197 // | 260 373 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 811 268 71 | ... | ... | 088 232 // | 519 066 // | 772 006 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 976 230 201 | 518 /// // | 360 140 // | 994 090 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed PmPmPmdmdmfmfmfm | TROPOPAUSE First PtPtPtTtTtTat | Transition dtdtftftft | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 538 000 07 | 090 813 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 540 000 49 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 520 000 61 | 182 419 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 250 // | 600 147 // | 406 034 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 600 024 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakfala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 170 18 | 170 24 | 185 21 | 200 24 | ... | ... | ... | ... | ... |
| Dacca ... | 135 10 | 140 12 | 140 12 | 135 14 | 145 15 | 140 15 | 135 15 | 120 09 | 125 07 |
| D.Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 140 10 | 430 13 | 135 20 | 130 15 | 260 06 | 260 13 | 290 17 | 305 23 | ... |
| Jiwani ... | 260 14 | 260 28 | 255 32 | 260 16 | 250 06 | 015 03 | 075 17 | ... | ... |
| Karachi ... | 245 12 | 215 19 | 250 18 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 105 11 | 100 10 | 105 12 | 170 08 | 155 05 | 305 04 | ... | ... | ... |
| Multan ... | 180 12 | 180 12 | 180 15 | 290 26 | 180 23 | 185 19 | 210 23 | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 040 07 | 050 05 | 130 09 | 195 10 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 275 02 | 280 05 | 270 10 | ... | ... |
| Sargodha ... | 100 17 | 115 23 | 120 23 | 140 21 | 200 15 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chakfala ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 125 12 | 135 19 | 150 19 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... |
| D.Ibandin ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | 245 13 | 275 20 | 300 21 | 340 21 |
| Drosh ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 035 02 | 205 02 | 215 15 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 135 17 | 117 11 | 201 02 | 250 11 | 185 15 | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 135 10 | 130 13 | 150 16 | 180 16 | 195 34 | ... |
| Karachi ... | 235 10 | 261 16 | 290 75 | 293 14 | 310 05 | 030 09 |
| Khanpur ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 200 08 | 215 20 | 220 19 | 230 14 | 190 17 | 310 12 |
| Lahore ... | 105 06 | 030 05 | 040 06 | 060 08 | ... | ... |
| Multan ... | 195 02 | 195 16 | 210 21 | ... | 235 23 | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | 340 05 | 265 06 | 230 04 | 205 10 | 300 10 |
| Quetta ... | ... | ... | ... | 235 02 | 130 04 | ... |
| Sargodha ... | No | Ascent | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakfala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | 140 06 | 155 07 | 140 07 | 140 10 | 290 56 | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | 160 18 | 155 30 | 16/ // | 160 27 | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... |
| D.Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 160 11 | 125 07 | 110 07 | 105 07 | 150 05 | 200 03 | 285 13 | 290 10 | 340 22 | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 260 06 | 295 09 | 350 08 | 335 08 | 340 05 | 330 09 | 290 04 | 200 05 | 210 09 | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 159 92 | 025 12 | 025 15 | 165 11 | 125 15 | 180 08 | 231 10 | 260 16 | 275 14 | 255 20 | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 280 05 | 265 07 | 245 10 | 210 07 | 165 07 | 110 04 | 320 15 | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | 350 09 | 235 04 | 175 06 | 125 05 | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | /// // | 230 04 | 310 04 | ... | ... | ... | ... | ... |
| Skardu ... | 040 07 | 100 11 | 140 13 | 185 08 | 025 03 | 300 11 | 300 27 | 280 27 | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l. → | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres

TT—Dry Bulb temperatures in °C.

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

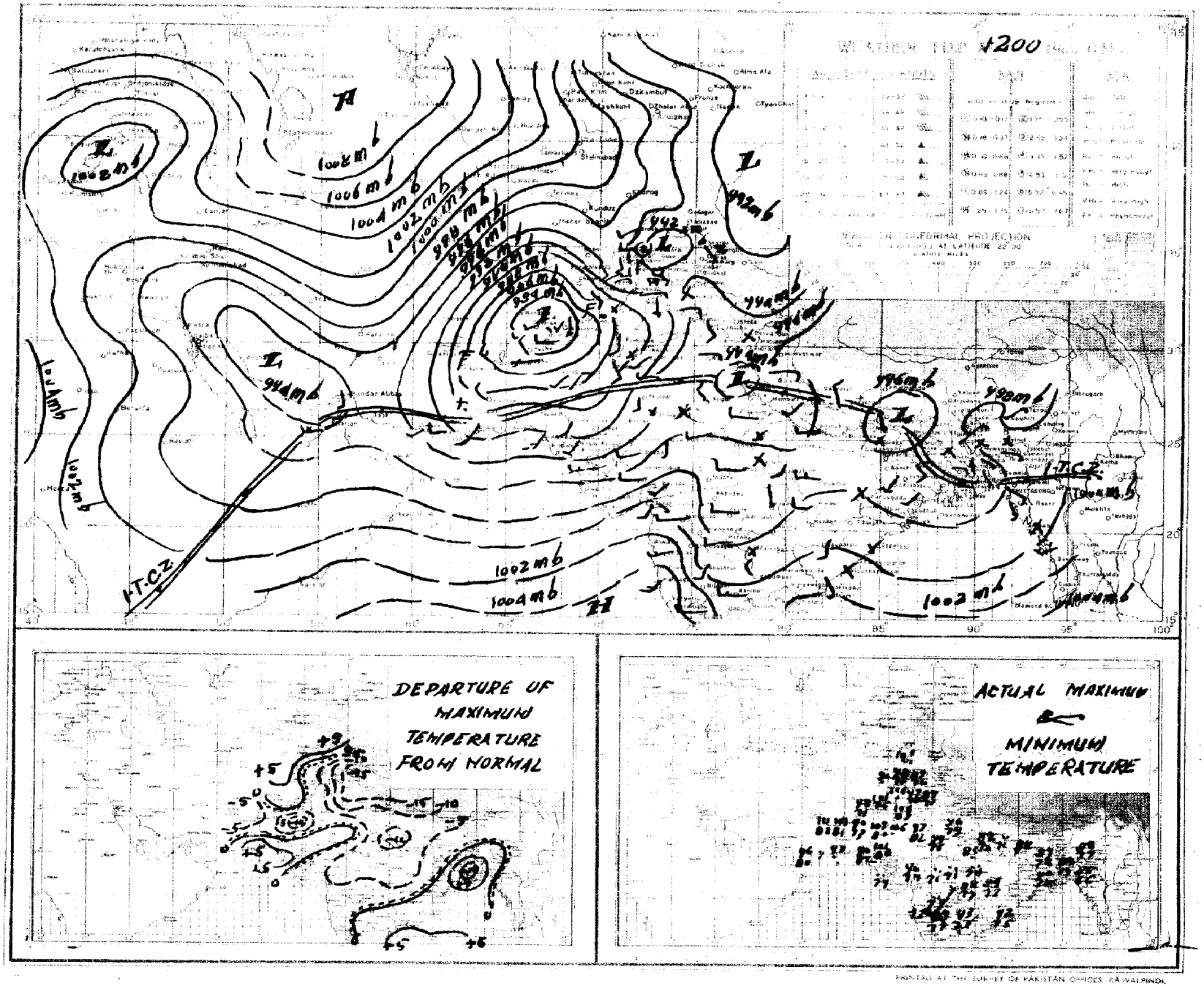
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

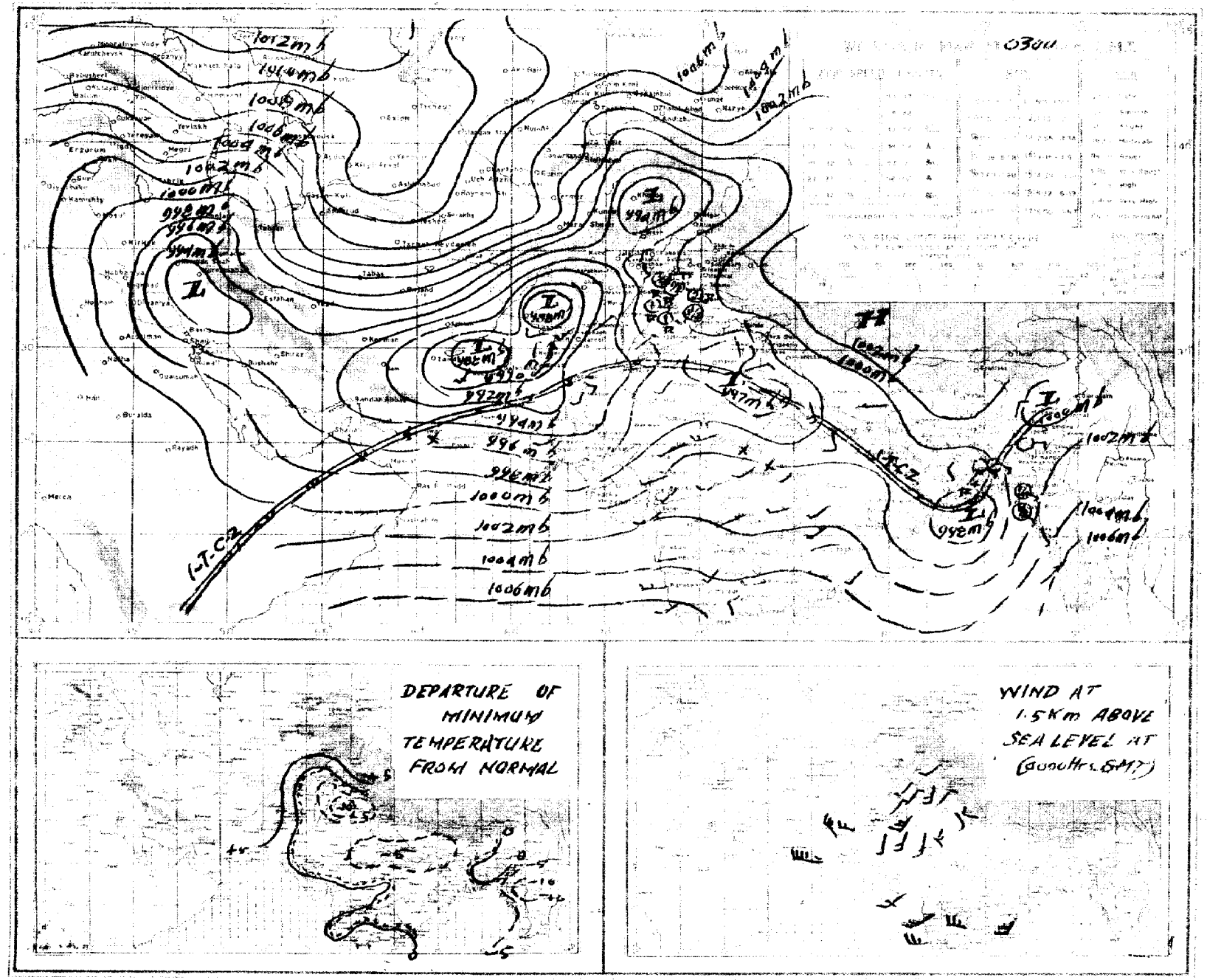
THURSDAY 1st JULY, 1971.




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 2nd JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

Reg. No. S-1467
Volume No. 25

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 3rd JULY, 1971.**

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

Observations from Orissa and neighbourhood completely lacking but believe yesterday's low pressure area over northwest Bay of Bengal and adjoining land **areas** has shifted slightly northwestwards and is more marked.

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

The low pressure area over west Uttar Pradesh persists.

Incursion of moist easterlies into northeastern parts of West Pakistan continues

A fresh westerly low pressure wave is moving across Kashmir and adjoining areas.

Under their influence rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi and Sargodha divisions and scattered in Multan, Peshawar, D. I. Khan and Khairpur divisions. A few falls of light rain have also been reported from Bahawalpur and Malakand divisions.

Chief amounts of rainfall are Cox's Bazar 8", Maijdee Court 6", Khushab 4", Chittagong and Narayanganj 3" each, Dacca, Hatyia and Lyallpur 2" each, Lahore 1¼", Jessore, Sandwip, Sylhet and Sargodha 1" each and Faridpur (upto 1200 Z), Satkhira and Jacobabad ½" each.

Day temperatures were 9 – 18 °F (5 – 10 °C) below normal in Rawalpindi, Sargodha, Malakand, Peshawar, D. I. Khan and northern Quetta divisions and 3—6 °F (2—3 °C) so in western Quetta, northern Kalat and Khairpur divisions.

**Forecast valid until the evening of the 4th July, 1971 :**— Rain/thundershowers will be fairly widespread in the southern districts and local elsewhere over East Pakistan and in Lahore and Rawalpindi divisions with a few moderate to heavy falls. Scattered rain/thundershowers are also likely over Malakand, Peshawar, D. I. Khan, Sargodha, and Multan divisions and in Kashmir and a few thunderstorms in Bahawalpur and Quetta divisions.

Karachi-32
The 3rd July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud form † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 6 | 18 | 09 | 98 | 03 | 1 | 002 | 77 | 4 | 7 | 5 | 7 | 2 | 76 | 88 |
| | Cox's Bazar | 266 | 9 | 8 | 09 | 02 | 96 | 62 | 6 | 995 | 77 | 5 | 5 | 4 | 4 | 0 | 74 | 83 |
| | Chittagong | 007 | 7 | 6 | 16 | 05 | 96 | 02 | 6 | 985 | 83 | 4 | 3 | 4 | 0 | 2 | 74 | 84 |
| | Maijdee Court | 000 | 9 | 8 | 16 | 12 | 96 | 03 | 2 | 968 | 88 | 5 | 2 | 5 | 2 | / | 75 | 84 |
| | Comilla | 000 | 0 | 6 | 18 | 18 | 97 | 02 | 2 | /// | 84 | 5 | 2 | 4 | 0 | 2 | // | // |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 975 | 88 | 5 | 3 | 5 | 2 | 0 | 79 | 88 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 015 | 2 | 7 | 13 | 02 | 97 | 50 | 6 | 971 | 84 | 7 | 3 | 4 | 0 | 0 | 79 | 88 |
| | Narayanganj | 000 | 0 | 8 | 13 | 03 | 95 | 02 | 2 | 960 | 84 | 8 | 6 | 6 | 3 | 1 | 79 | 79 |
| | Dacca (Tejgaon) | 001 | 4 | 7 | 13 | 05 | 97 | 02 | 6 | 972 | 83 | 6 | 8 | 5 | 6 | 0 | 77 | 84 |
| | Faridpur | 055 | 4 | 7 | 16 | 02 | 97 | 02 | 6 | 964 | 84 | 7 | 5 | 5 | 0 | 0 | 81 | 88 |
| Khulna | Barisal | 020 | 3 | 7 | 18 | 05 | 97 | 21 | 6 | 907 | 83 | 4 | 6 | 3 | 4 | 8 | 79 | 84 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Satkhira | 035 | 3 | 6 | 23 | 04 | 97 | 03 | 6 | 965 | 81 | 4 | 3 | 9 | 2 | 9 | 81 | 90 |
| | Jessore | 090 | 2 | 7 | 20 | 02 | 96 | 21 | 6 | 960 | 80 | 6 | 6 | 4 | 2 | 0 | 78 | // |
| Rajshahi | Pabna | 000 | 0 | 5 | 13 | 05 | 99 | 01 | 2 | /// | 84 | 5 | 4 | 6 | 0 | 0 | 79 | 90 |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 030 | 0 | 6 | 03 | 02 | 96 | 02 | 0 | 956 | 86 | 4 | 2 | 5 | 3 | 1 | // | 86 |
| | Bogra | 000 | 0 | 7 | 09 | 03 | 96 | 01 | 2 | 956 | 84 | 7 | 8 | 9 | 6 | 3 | 70 | 70 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 961 | 84 | 4 | 0 | 9 | 0 | 1 | 79 | 88 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 008 | 0 | 5 | 05 | 02 | 97 | 02 | 2 | 944 | 86 | 2 | 1 | 6 | 3 | 7 | 77 | 87 |
| | Sialkot | 000 | 0 | 2 | 09 | 02 | 98 | 02 | 0 | 949 | 87 | 0 | 0 | 9 | 0 | 1 | 75 | 87 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 017 | 0 | 7 | 15 | 03 | 97 | 02 | 2 | 945 | 84 | / | 2 | 6 | 3 | 0 | // | 88 |
| | Campbellpur | 000 | 0 | 0 | 18 | 00 | 98 | 00 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 96 |
| Sargodha | Khushab | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 2 | 946 | 85 | 4 | 5 | 9 | 3 | 0 | 76 | 86 |
| | Sargodha | 027 | 0 | 5 | 13 | 09 | 97 | 02 | 2 | 945 | // | 5 | 8 | 6 | 0 | 0 | 76 | 87 |
| | Lyallpur | 125 | 6 | 5 | 36 | 02 | 97 | 02 | 6 | 951 | 84 | 5 | 3 | 7 | 0 | 0 | 59 | 87 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 6 | 13 | 03 | 96 | 05 | 2 | 923 | 97 | 4 | 3 | 6 | 7 | 0 | 77 | 98 |
| | Leiah | 000 | 0 | 8 | 09 | 08 | 95 | 02 | 2 | 920 | 04 | 0 | 8 | 7 | 0 | 0 | 77 | 04 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 05 | 98 | 01 | 6 | 963 | 86 | 0 | 3 | 9 | 0 | 1 | 70 | 90 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 939 | 00 | 0 | 0 | 9 | 0 | 0 | 63 | 00 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdara | 000 | 0 | 6 | 27 | 05 | 96 | 03 | 2 | 992 | 86 | 6 | 1 | 7 | 0 | 0 | 73 | 86 |
| Peshawar | Peshawar | 000 | 0 | 7 | 36 | 02 | 97 | 29 | 9 | 921 | 85 | 3 | 3 | 6 | 8 | 2 | 73 | 91 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 7 | 34 | 01 | 98 | 04 | 5 | 974 | 80 | 5 | 5 | 6 | 7 | 0 | 70 | 20 |
| | D. I. Khan | 000 | 0 | 8 | 00 | 00 | 95 | 02 | 0 | 946 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 89 |
| Quetta | Sibi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nokkundi | 000 | 0 | 0 | 36 | 35 | 92 | 32 | 3 | 890 | 02 | 0 | 0 | 9 | 0 | 0 | 39 | 03 |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 03 | 98 | 00 | 0 | 945 | 13 | 0 | 0 | 9 | 0 | 0 | // | 13 |
| | Jiwani | 000 | 0 | 0 | 18 | 12 | 96 | 02 | 0 | /// | 90 | 0 | 0 | 9 | 0 | 0 | 80 | 94 |
| | Pasni | 000 | 0 | 0 | 18 | 04 | 90 | 0/ | 0 | /// | 89 | 0 | 0 | 0 | 0 | 0 | 79 | 00 |
| | Ormara | 000 | 0 | 1 | 27 | 10 | 96 | 02 | 2 | 919 | 85 | 1 | 6 | 6 | 0 | 0 | 78 | 92 |
| | Lasbela | 000 | 0 | 2 | 13 | 03 | 97 | 00 | 0 | 897 | 06 | 0 | 0 | 8 | 0 | 0 | 78 | 08 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 7 | 25 | 12 | 96 | 02 | 2 | 935 | 86 | 7 | 6 | 5 | 0 | 0 | 78 | 90 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 0 | 27 | 17 | 95 | 05 | 1 | 920 | 94 | 0 | 0 | 9 | 0 | 0 | 72 | // |
| | Hyderabad | 000 | 0 | 8 | 30 | 09 | 97 | 02 | 2 | 916 | 95 | 0 | 0 | 9 | 0 | 5 | 75 | 00 |
| | Badin | 000 | 0 | 5 | 23 | 12 | 96 | 03 | 1 | 960 | 92 | 5 | 6 | 3 | 0 | 0 | 73 | // |
| Khairpur | Padidan | 000 | 0 | 2 | 13 | 03 | 95 | 05 | 0 | 855 | 07 | 0 | 0 | 9 | 0 | 1 | 72 | 08 |
| | Nawabshah | 000 | 0 | 0 | 18 | 10 | 96 | 05 | 4 | 894 | 06 | 0 | 0 | 9 | 0 | 0 | 77 | 07 |
| | Sukkur | 000 | 0 | 7 | 16 | 05 | 96 | 03 | 0 | 894 | 07 | 7 | 0 | 9 | 9 | 0 | 73 | 08 |
| | Kashmore | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 985 | 03 | 0 | 0 | 9 | 0 | 0 | 69 | 04 |
| | Jacobabad | 000 | 0 | 0 | 13 | 09 | 96 | 05 | 0 | 904 | 05 | 0 | 0 | 9 | 0 | 0 | 72 | 05 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 010 | 2 | 1 | 13 | 02 | 90 | 49 | 6 | /// | 64 | 9 | / | 0 | / | / | 61 | 67 |
| Malakand | Drosh * | 000 | 0 | 6 | 18 | 05 | 90 | 01 | 2 | 381 | 80 | 6 | 5 | 1 | 2 | 0 | 74 | 86 |
| Peshawar | Cherat * | 000 | 0 | 6 | 18 | 10 | 96 | 02 | 2 | 380 | 62 | 0 | 4 | 8 | 0 | 0 | 37 | 77 |
| | Kakul * | 041 | 0 | 8 | 25 | 03 | 97 | 03 | 2 | 391 | 77 | 8 | 7 | 4 | / | / | 67 | 79 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | 000 | 6 | 7 | 16 | 05 | 95 | 17 | 9 | 389 | 71 | 5 | 9 | 5 | 7 | 0 | 66 | 76 |
| D. I. Khan | Miranshah * | 000 | 0 | 8 | 05 | 05 | 97 | 00 | 1 | 381 | 73 | 8 | 0 | 9 | 1 | 0 | 63 | 75 |
| | Wana * | 000 | 0 | 2 | 13 | 04 | 98 | 00 | 0 | 391 | 87 | 2 | 5 | 8 | 0 | 0 | 80 | 90 |
| Quetta | Fort Sandeman * | 025 | 2 | 6 | 13 | 03 | 95 | 05 | 0 | 354 | 86 | 5 | 4 | 7 | 1 | / | 67 | 90 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 09 | 95 | 05 | 0 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 86 | 93 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 23 | 01 | 96 | 02 | 0 | 357 | 92 | 0 | 0 | 9 | 0 | 0 | 77 | 98 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 14 | 97 | 07 | 0 | 370 | 95 | 0 | 0 | 9 | 0 | 0 | 51 | 97 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 95 | 05 | 0 | 447 | 95 | 0 | 0 | 9 | 0 | 0 | 50 | 97 |
| | Nushki * | 000 | 0 | 0 | 23 | 03 | 94 | 06 | 0 | 406 | 99 | 0 | 0 | 9 | 0 | 0 | 41 | 00 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 07 | 93 | 06 | 0 | 392 | 03 | 0 | 0 | 9 | 0 | 0 | 77 | 04 |
| Kalat | Kalat * | 000 | 0 | 6 | 31 | 00 | 94 | 00 | 2 | 358 | 85 | 0 | 0 | 9 | 0 | 0 | 54 | 88 |
| | Khuzdar * | | | | | | | | | | | | | | | | | |
| | Panjgur * | 000 | 0 | 5 | 31 | 10 | 95 | 05 | 1 | 383 | 98 | 0 | 0 | 9 | 0 | 1 | // | 99 |

**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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 801 | 9 | 8 | 13 | 05 | 96 | 63 | 6 | 002 | 77 | 1 | 9 | 3 | 0 | / | 75 | 75 |
| Chittagong | 201 | 8 | 8 | 13 | 05 | 97 | 21 | 6 | 999 | 79 | 6 | 7 | 3 | 2 | / | 77 | // |
| Maijdee Court | 600 | 9 | 8 | 18 | 02 | 94 | 31 | 6 | 983 | 73 | 8 | 4 | 4 | / | / | 77 | 75 |
| Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Brahmanbaria | | | | | | | | | | | | | | | | | |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Srimangal | | | | | | | | | | | | | | | | | |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Narayanganj | 325 | 2 | 8 | 13 | 03 | 97 | 03 | 6 | 976 | 83 | 8 | 6 | 3 | / | / | 79 | 77 |
| Dacca (Tejgaon) | 183 | 3 | 8 | 09 | 05 | 96 | 21 | 6 | 964 | 81 | 6 | 6 | 3 | 2 | / | 79 | 75 |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Barisal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khulna | 060 | 9 | 6 | 13 | 05 | 97 | 02 | 0 | 912 | 84 | 0 | 6 | 4 | 0 | 0 | 81 | 79 |
| Satkhira | 040 | 0 | 8 | 18 | 04 | 97 | 03 | 2 | 972 | 81 | 4 | 7 | 9 | 9 | 9 | 81 | 79 |
| Jessore | 102 | 3 | 8 | 18 | 03 | 96 | 59 | 9 | 968 | 84 | 5 | 9 | 4 | 2 | / | 79 | 79 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sirajganj | | | | | | | | | | | | | | | | | |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 004 | 0 | 6 | 09 | 05 | 96 | 02 | 2 | 973 | 83 | 3 | 5 | 4 | 3 | 0 | 75 | 71 |
| Dinajpur | | | | | | | | | | | | | | | | | |
| Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 137 | 3 | 7 | 31 | 05 | 97 | 00 | 6 | 961 | 76 | 3 | 5 | 6 | 2 | 0 | 73 | 72 |
| Sialkot | 016 | 0 | 8 | 23 | 02 | 90 | 90 | 2 | 965 | 78 | 3 | 9 | 6 | 2 | / | 76 | 74 |
| Jhelum | 000 | 3 | 7 | 00 | 00 | 97 | 29 | 9 | 952 | 82 | 3 | 5 | 6 | 2 | 0 | 77 | 75 |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 0 | 955 | 80 | 6 | 9 | 4 | 2 | 0 | 76 | 76 |
| Campbellpur | 030 | 0 | 2 | 13 | 00 | 97 | 00 | 2 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 77 |
| Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | [illegible] | 9 | 7 | 00 | 00 | 97 | 29 | 9 | 956 | 75 | 3 | 5 | 6 | 2 | 0 | 74 | 72 |
| Lyallpur | 072 | 9 | 6 | 36 | 02 | 96 | 60 | 9 | 968 | 75 | 6 | 0 | 6 | 0 | 0 | 70 | 72 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 1 | 6 | 05 | 10 | 95 | 17 | 9 | 954 | 79 | 4 | 9 | 5 | 3 | 0 | 72 | 77 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur | 000 | 0 | 6 | 23 | 03 | 95 | 06 | 0 | 943 | 89 | 4 | 0 | 9 | 7 | 1 | 75 | 86 |
| Bahawalpur | 000 | 0 | 5 | 00 | 00 | 94 | 00 | 0 | 927 | 89 | 0 | 0 | 9 | 2 | 0 | 74 | 86 |
| Fort Abbas | /// | 0 | 0 | 23 | 04 | 98 | 00 | 0 | 954 | 91 | 0 | 0 | 9 | 0 | 0 | 81 | 83 |
| Chakdara | 005 | 0 | 5 | 05 | 05 | 98 | 01 | 2 | 944 | 75 | 5 | 0 | 9 | 6 | 0 | 66 | 71 |
| Peshawar | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 950 | 82 | 1 | 4 | 6 | 3 | 0 | 70 | 77 |
| Haripur | 000 | 1 | 8 | 13 | 05 | 97 | 03 | 5 | 977 | 76 | 8 | 7 | 6 | 0 | 0 | 72 | 73 |
| Bannu | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 2 | 974 | 76 | 0 | 0 | 9 | 7 | 8 | 69 | 72 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sibi | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 2 | 970 | 78 | 0 | 0 | 9 | 0 | 0 | 73 | 75 |
| Nokkundi | 000 | 0 | 0 | 36 | 40 | 97 | 31 | 4 | 940 | 93 | 0 | 0 | 9 | 0 | 0 | // | 79 |
| Turbat | 000 | 0 | 0 | 37 | 02 | 96 | 00 | 0 | 015 | 85 | 0 | 0 | 9 | 0 | 0 | 78 | // |
| Jiwani | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pasni | 000 | 0 | 3 | 13 | 03 | 96 | 03 | 0 | 950 | 83 | 3 | 6 | 5 | 0 | 0 | 79 | 81 |
| Ormara | 000 | 0 | 3 | 27 | 16 | 96 | 06 | 6 | 947 | 82 | 3 | 6 | 6 | 0 | 0 | 79 | 59 |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi (Manora) | | | | | | | | | | | | | | | | | |
| Karachi (Airport) | 000 | 0 | 7 | 27 | 09 | 96 | 03 | 2 | 955 | 83 | 7 | 6 | 5 | 0 | 0 | 63 | 81 |
| Nagarparker | | | | | | | | | | | | | | | | | |
| Chhor | 000 | 0 | 8 | 18 | 12 | 96 | 03 | 1 | 949 | 83 | 5 | 5 | 2 | 0 | 0 | 75 | 80 |
| Hyderabad | 000 | 0 | 3 | 23 | 07 | 97 | 03 | 2 | 941 | 85 | 0 | 0 | | 0 | 8 | 75 | 81 |
| Badin | 000 | 0 | 7 | 23 | 09 | 96 | 03 | 1 | 956 | 83 | 7 | 6 | 5 | 0 | 0 | // | 80 |
| Padidan | 000 | 0 | 0 | 13 | 02 | 96 | 05 | 0 | 935 | 85 | 0 | 0 | 9 | 0 | 0 | 76 | 82 |
| Nawabshah | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 938 | 85 | 0 | 0 | 9 | 0 | 0 | 77 | 81 |
| Sukkur | 000 | 0 | 7 | 23 | 05 | 96 | 03 | 0 | 938 | 86 | 7 | 0 | 9 | 9 | 0 | 67 | 81 |
| Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 038 | 8 | 0 | 00 | 03 | 96 | 05 | 0 | 936 | 84 | / | / | 9 | / | / | 75 | // |
| Veraval | | | | | | | | | | | | | | | | | |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | |
| Gulmarg ** | | | | | | | | | | | | | | | | | |
| Sonamarg ** | | | | | | | | | | | | | | | | | |
| Dras ** | | | | | | | | | | | | | | | | | |
| Leh ** | | | | | | | | | | | | | | | | | |
| Skardu * | | | | | | | | | | | | | | | | | |
| Misgar ** | | | | | | | | | | | | | | | | | |
| Aliabad * | | | | | | | | | | | | | | | | | |
| Gilgit * | | | | | | | | | | | | | | | | | |
| Murree * | 035 | 2 | 8 | 13 | 05 | 96 | 95 | 6 | /// | 60 | 8 | 9 | 2 | / | / | 59 | 57 |
| Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat * | 000 | 0 | 2 | 18 | 05 | 97 | 01 | 2 | 399 | 71 | 2 | 0 | 9 | 2 | 0 | 66 | 68 |
| Kakul * | 006 | 1 | 8 | 09 | 05 | 97 | 17 | 9 | 388 | 68 | 8 | 9 | 5 | / | / | 67 | 67 |
| Landikotal * | 000 | 0 | 1 | 36 | 02 | 98 | 02 | 1 | 400 | // | 1 | 2 | / | 0 | 0 | 69 | 72 |
| Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 379 | 75 | 0 | 0 | 9 | 0 | 0 | 66 | 71 |
| Wana * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 75 | 0 | 0 | 9 | 0 | 0 | 71 | 69 |
| Fort Sandeman * | 000 | 0 | 1 | 05 | 02 | 96 | 05 | 0 | 379 | 73 | 3 | 0 | 9 | / | / | 65 | 68 |
| Hindubagh * | 000 | 0 | 0 | 27 | 05 | 94 | 05 | 0 | 311 | 78 | 0 | 0 | 9 | 0 | 0 | // | 64 |
| Loralai * | | | | | | | | | | | | | | | | | |
| Barkhan * | | | | | | | | | | | | | | | | | |
| Harnai * | 000 | 0 | 4 | 23 | 01 | 96 | 03 | 2 | /// | 78 | 0 | 0 | 7 | 0 | 0 | 71 | 66 |
| Samungli (Quetta) * | 000 | 0 | 9 | 20 | 05 | 93 | 06 | 4 | 383 | 79 | / | / | / | / | / | 64 | 71 |
| Chaman * | 000 | 0 | 0 | 27 | 09 | 98 | 05 | 0 | 428 | 77 | 0 | 0 | 9 | 0 | 0 | 31 | 78 |
| Nushki * | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 435 | 82 | 0 | 0 | 9 | 0 | 0 | 28 | 80 |
| Dalbandin * | 000 | 0 | 0 | 23 | 17 | 97 | 07 | 0 | 383 | 80 | 0 | 0 | 9 | 0 | 0 | 35 | 78 |
| Kalat * | 000 | 0 | 0 | 36 | 04 | 94 | 00 | 2 | 366 | 73 | 0 | / | 9 | 0 | / | 49 | 72 |
| Khuzdar * | | | | | | | | | | | | | | | | | |
| Panjgur * | 000 | 0 | 0 | 31 | 03 | 96 | 05 | 0 | 405 | 81 | 0 | 0 | 9 | 0 | 0 | 68 | 80 |

**Departure from Normal of / Rainfall**

| Stations | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | 27.2 | — | — | — |
| Cox's Bazar | − 3 | − 2 | 62.1 | +27.9 | — | 140 |
| Chittagong | − 2 | // | 44.3 | −21.2 | — | 108 |
| Maijdee Court | − 2 | − 3 | 29.5 | + 6.9 | — | 115 |
| Comilla | — | | 21.6 | + 1.8 | — | 94 |
| Brahmanbaria | | | | — | — | 78 |
| Sylhet | | | 33.3 | — | — | — |
| Srimangal | — | — | | | | 98 |
| Mymensingh | + 1 | | 25.8 | + 6.7 | — | 91 |
| Narayanganj | − 9 | − 2 | | | | 74 |
| Dacca (Tejgaon) | — | — | 13.9 | — | — | — |
| Faridpur | 0 | | | | | 71 |
| Barisal | − 4 | | 21.7 | + 4.2 | — | 81 |
| Khulna | — | — | | | | 68 |
| Satkhira | — | — | 15.1 | + 1.5 | — | 65 |
| Jessore | // | 0 | | | | 65 |
| Pabna | — | — | | | | 59 |
| Sirajganj | | | | | | 64 |
| Rajshahi | | | | | | — |
| Bogra | − 19 | − 7 | | | | 69 |
| Dinajpur | | | | | | 72 |
| Rangpur | 0 | | 16.5 | − 3.0 | — | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | − 16 | − 10 | 5.0 | + 3.0 | 7.3 | 19 |
| Sialkot | − 13 | − 7 | 10.7 | + 7.5 | 16.7 | 32 |
| Jhelum | — | — | 0.1 | — | 9.9 | — |
| Islamabad | | | — | — | | |
| Rawalpindi | — | — | 10.2 | + 7.4 | 17.7 | 36 |
| Campbellpur | — | — | 0.7 | — | 0.9 | — |
| Khushab | − 14 | | 0.6 | − 1.1 | 2.7 | 15 |
| Sargodha | — | | 1.9 | — | 4.5 | — |
| Lyallpur | − 14 | − 11 | 3.4 | + 2.0 | 4.3 | 12 |
| Sahiwal | | | — | — | | 10 |
| Multan | − 7 | − 8 | 1.3 | + 1.0 | 1.9 | 7 |
| Leiah | — | — | — | | | 8 |
| Khanpur | — | — | 0.0 | − 0.5 | 0.6 | 6 |
| Bahawalpur | — | — | 0.0 | − 0.4 | 0.3 | 6 |
| Fort Abbas | — | — | — | — | | 8 |
| Chakdara | — | — | 1.9 | — | 12.0 | |
| Peshawar | − 12 | − 3 | 0.2 | − 0.1 | 8.7 | 11 |
| Haripur | — | — | | — | | — |
| Bannu | — | — | 0.7 | — | 3.0 | 11 |
| D. I. Khan | − 17 | | 0.0 | − 0.7 | 2.8 | 9 |
| Sibi | | − 8 | 0.0 | — | 0.0 | 5 |
| Nokkundi | — | — | 0.0 | — | 0.2 | 2 |
| Turbat | — | — | 0.0 | — | 0.0 | — |
| Jiwani | — | — | 0.0 | — | 1.5 | 5 |
| Pasni | — | — | 0.0 | − 0.3 | 0.0 | 6 |
| Ormara | — | — | 0.0 | − 0.0 | 0.0 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | | | | | | 8 |
| Karachi (Airport) | — | — | 0.0 | — | 0.2 | — |
| Nagarparker | | | — | — | — | — |
| Chhor | — | — | 0.0 | — | 0.1 | 7 |
| Hyderabad | − 1 | − 1 | 0.0 | − 0.6 | 0.7 | 9 |
| Badin | — | — | 0.0 | − 1.6 | 0.0 | — |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 1.0 | — | 1.4 | — |
| Kashmore | — | — | 0.0 | — | 0.0 | 4 |
| Jacobabad | − 6 | // | 0.4 | + 0.0 | 0.1 | 20 |
| Veraval | | | | | | 26 |
| **HILL STATIONS** | | | | | | — |
| Srinagar * | | | | | | 71 |
| Gulmarg ** | | | | | | 26 |
| Sonamarg ** | | | | | | 3 |
| Dras ** | | | | | | 6 |
| Leh ** | | | | | | — |
| Skardu * | | | | | | — |
| Misgar ** | | | | | | 5 |
| Aliabad * | | | | | | 59 |
| Gilgit * | | | | | | 18 |
| Murree * | − 12 | − 6 | 20.1 | +15.2 | 8.0 | 29 |
| Drosh * | − 9 | — | | | | — |
| Cherat * | − 12 | − 4 | 0.9 | − 0.3 | 8.5 | — |
| Kakul * | — | — | 17.4 | — | 32.0 | 29 |
| Landikotal * | — | — | 0.4 | — | 10.1 | 13 |
| Parachinar * | − 13 | — | 1.6 | — | 9.2 | 11 |
| Miranshah * | — | — | 0.0 | − 1.0 | 1.6 | 13 |
| Wana * | — | — | 0.3 | — | 1.0 | — |
| Fort Sandeman * | − 13 | − 8 | 1.0 | + 0.2 | 2.3 | 9 |
| Hindubagh * | — | — | 0.4 | — | 2.1 | — |
| Loralai * | — | — | — | — | — | 14 |
| Barkhan * | — | — | — | — | — | 9 |
| Harnai * | — | — | — | — | — | 8 |
| Samungli (Quetta) * | + 4 | + 4 | 0.4 | + 0.3 | 3.2 | — |
| Chaman * | − 5 | + 3 | 0.0 | − 0.0 | 1.8 | — |
| Nushki * | — | — | 0.0 | — | 1.1 | 4 |
| Dalbandin * | − 5 | − 4 | 0.0 | − 0.0 | 0.7 | 7 |
| Kalat * | − 5 | − 17 | 0.0 | − 0.2 | 0.4 | — |
| Khuzdar * | — | — | — | — | — | 5 |
| Panjgur * | − 4 | + 6 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 3rd JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ N | dd FF | $VV\ ww\ W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 992 214 // | 532 /// // | 410 184 04 | 063 116 12 | 583 037 28 | 757 125 58 | 970 273 60 | 248 515 // | 429 677 // | ... | ... | ... | ... |
| Dacca ... | 00 00 | 956 246 03 | 353 /// // | 400 158 04 | 979 060 // | 568 085 // | 738 189 // | 946 327 // | 221 503 // | 404 637 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 991 280 19 | 554 /// // | 380 230 58 | 025 110 65 | 582 105 // | 751 181 // | 961 295 // | 239 479 // | 422 601 // | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 955 260 39 | 549 /// // | 360 206 57 | 029 114 50 | 577 051 61 | 749 131 59 | 965 219 // | 251 405 // | 442 415 // | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed PmPmPmdmdmfmfmfm | TROPOPAUSE First PtPtPtTtTtTat | Transition dtdtftftft | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 534 000 13 | 125 755 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 546 000 62 | ... | ... | ... | ... | ... | ... | 180 439 // | 264 256 05 | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 155 04 | 145 04 | 125 06 | 125 10 | ... | 265 12 | ... | ... |
| Chhor ... | 205 17 | 210 15 | 205 13 | 335 03 | 320 03 | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 165 19 | 170 21 | 170 16 | 175 12 | ... | ... | ... | ... | ... |
| D Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 025 1/ | 030 15 | 045 16 | 085 08 | 135 13 | 205 23 | ... | ... | ... |
| Drosh ... | ... | ... | ... | 230 15 | 215 16 | 180 13 | 235 07 | 255 13 | 260 23 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 123 15 | 135 09 | 105 10 | 130 10 | 170 04 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 005 14 | 345 11 | 315 12 | 355 00 | 295 11 | 361 2 | ... | 300 11 | ... |
| Jiwani ... | 245 13 | 250 10 | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 190 06 | 190 07 | 180 07 | 152 08 | 125 06 | 055 02 | 255 07 | 255 10 | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 270 10 | 145 10 | 150 12 | 180 07 | 250 07 | 305 30 | 275 21 | 265 24 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 260 04 | 150 03 | ... | ... | ... |
| Sargodha ... | 120 06 | 070 07 | 060 07 | 050 09 | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 085 04 | 105 04 | 110 06 | 135 09 | 265 04 |
| Chhor ... | 205 20 | 205 20 | 215 17 | 250 11 | 310 08 | ... |
| Chittagong ... | 130 17 | 155 15 | 175 13 | ... | 175 11 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | No | Ascent | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... |
| D Ibandin ... | ... | ... | 240 14 | 275 12 | 270 33 | 290 25 |
| D. I. Khan ... | 070 7/ | 08) 5/ | 055 08 | 015 04 | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 050 06 | 090 10 | 025 15 |
| Gilgit ... | ... | ... | ... | 315 01 | 190 02 | 090 04 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 145 10 | 140 08 | 160 09 | 145 04 | 030 15 | 305 09 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 110 06 | 120 11 | 120 11 | 150 06 | 115 04 | ... |
| Jiwani ... | 175 11 | 275 12 | 240 15 | 310 09 | 350 10 | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 205 19 | 210 22 | 210 22 | 190 21 | 210 10 | 360 22 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 115 11 | 100 10 | 100 09 | 110 03 | 165 02 | ... |
| Multan ... | 020 12 | 010 06 | 245 11 | 245 20 | 230 12 | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 010 09 | 315 06 | 295 03 | 300 98 | 300 13 |
| Parachinar ... | ... | ... | ... | ... | 100 06 | 146 06 |
| Quetta ... | ... | ... | ... | /// // | 250 06 | 265 06 |
| Sargodha ... | 255 15 | 270 25 | 280 27 | ... | 285 24 | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 125 06 | 115 01 | 150 8/ | 120 12 | 335 06 | 265 15 | 250 00 | 265 11 | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 120 12 | 142 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 150 03 | 075 14 | 075 19 | 045 15 | 025 14 | ... | ... | ... | ... | ... | ... |
| Karachi ... | 265 13 | 275 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 060 06 | 085 10 | 095 12 | 105 10 | 020 17 | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 035 03 | 020 02 | 325 05 | 305 15 | 210 10 | 270 18 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 295 08 | 280 39 | ... | ... | ... | ... | ... |
| Sargodha ... | 330 03 | 305 04 | 235 05 | 130 06 | 080 08 | 075 07 | 315 16 | 250 23 | 235 21 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g p. Kms. a.s.l—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

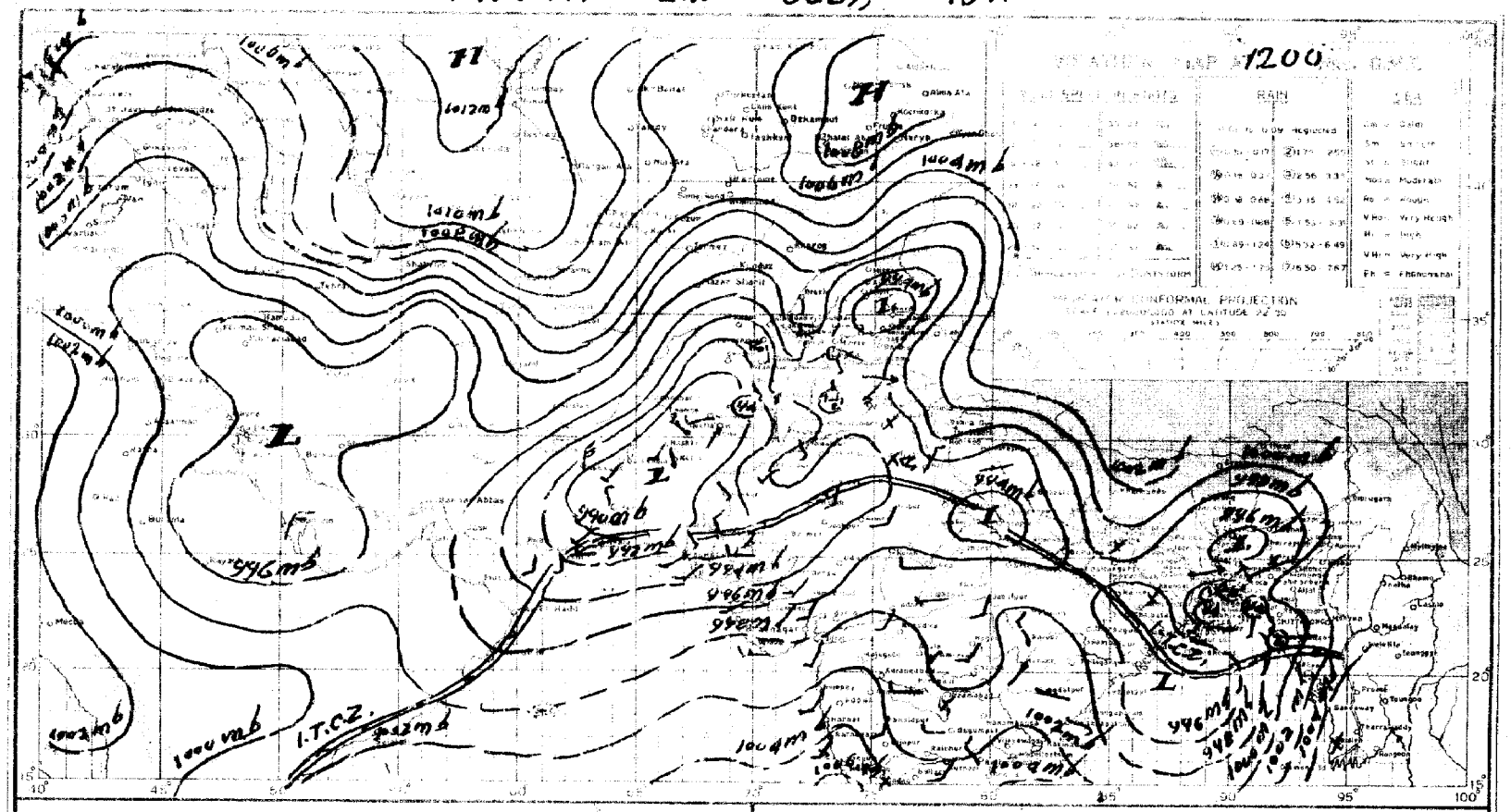
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approxim te tenth value in (O °C) even values indicate positive and odd values indic te negative temper tures.

† The actual time of observations m y vary within h lf an hour of the specified time
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East
The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Kar chi—32.

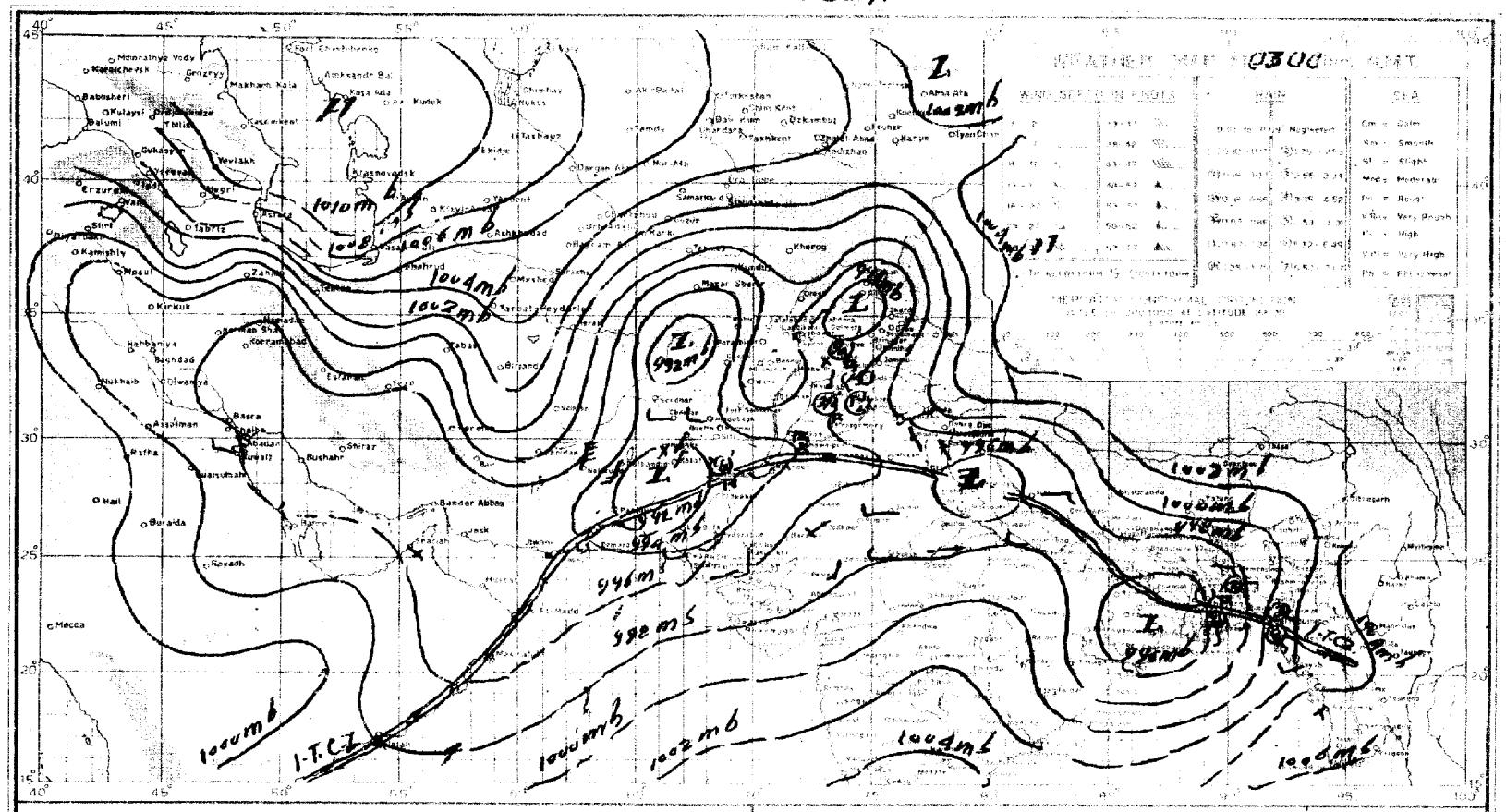
# PAKISTAN DAILY WEATHER MAP -

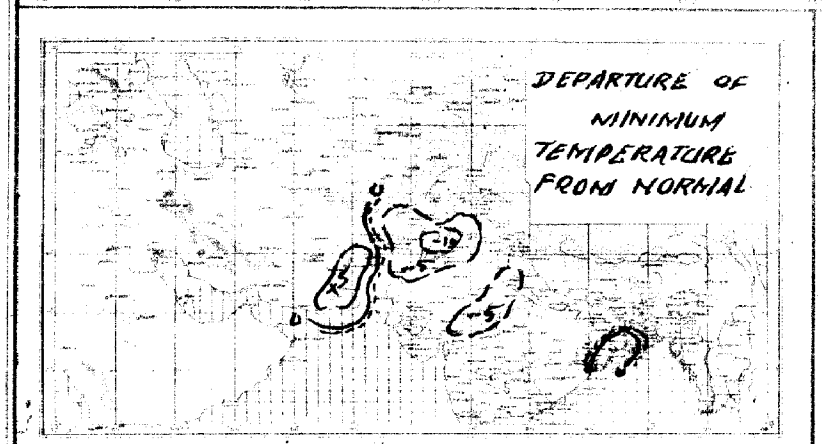
FRIDAY 2nd JULY, 1971

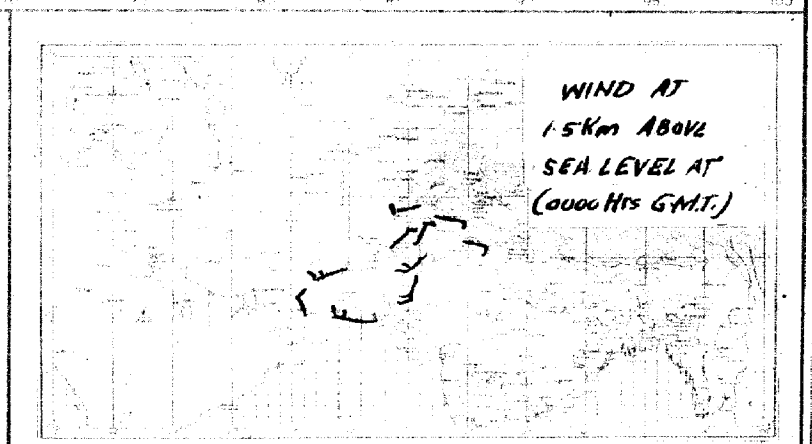

1200
I.T.C.Z.
1000 mb
1002 mb
1004 mb
1006 mb
1008 mb
1010 mb
1012 mb
996 mb
994 mb
992 mb
990 mb
988 mb
986 mb
984 mb
982 mb
980 mb
978 mb
976 mb
974 mb
972 mb
970 mb
968 mb
966 mb
964 mb
962 mb
960 mb
958 mb
956 mb
954 mb
952 mb
950 mb
948 mb
946 mb
944 mb
942 mb
940 mb
938 mb
936 mb
934 mb
932 mb
930 mb
928 mb
926 mb
924 mb
922 mb
920 mb
918 mb
916 mb
914 mb
912 mb
910 mb
908 mb
906 mb
904 mb
902 mb
900 mb
898 mb
896 mb
894 mb
892 mb
890 mb
888 mb
886 mb
884 mb
882 mb
880 mb
878 mb
876 mb
874 mb
872 mb
870 mb
868 mb
866 mb
864 mb
862 mb
860 mb
858 mb
856 mb
854 mb
852 mb
850 mb
848 mb
846 mb
844 mb
842 mb
840 mb
838 mb
836 mb
834 mb
832 mb
830 mb
828 mb
826 mb
824 mb
822 mb
820 mb
818 mb
816 mb
814 mb
812 mb
810 mb
808 mb
806 mb
804 mb
802 mb
800 mb
798 mb
796 mb
794 mb
792 mb
790 mb
788 mb
786 mb
784 mb
782 mb
780 mb
778 mb
776 mb
774 mb
772 mb
770 mb
768 mb
766 mb
764 mb
762 mb
760 mb
758 mb
756 mb
754 mb
752 mb
750 mb
748 mb
746 mb
744 mb
742 mb
740 mb
738 mb
736 mb
734 mb
732 mb
730 mb
728 mb
726 mb
724 mb
722 mb
720 mb
718 mb
716 mb
714 mb
712 mb
710 mb
708 mb
706 mb
704 mb
702 mb
700 mb
698 mb
696 mb
694 mb
692 mb
690 mb
688 mb
686 mb
684 mb
682 mb
680 mb
678 mb
676 mb
674 mb
672 mb
670 mb
668 mb
666 mb
664 mb
662 mb
660 mb
658 mb
656 mb
654 mb
652 mb
650 mb
648 mb
646 mb
644 mb
642 mb
640 mb
638 mb
636 mb
634 mb
632 mb
630 mb
628 mb
626 mb
624 mb
622 mb
620 mb
618 mb
616 mb
614 mb
612 mb
610 mb
608 mb
606 mb
604 mb
602 mb
600 mb
598 mb
596 mb
594 mb
592 mb
590 mb
588 mb
586 mb
584 mb
582 mb
580 mb
578 mb
576 mb
574 mb
572 mb
570 mb
568 mb
566 mb
564 mb
562 mb
560 mb
558 mb
556 mb
554 mb
552 mb
550 mb
548 mb
546 mb
544 mb
542 mb
540 mb
538 mb
536 mb
534 mb
532 mb
530 mb
528 mb
526 mb
524 mb
522 mb
520 mb
518 mb
516 mb
514 mb
512 mb
510 mb
508 mb
506 mb
504 mb
502 mb
500 mb
498 mb
496 mb
494 mb
492 mb
490 mb
488 mb
486 mb
484 mb
482 mb
480 mb
478 mb
476 mb
474 mb
472 mb
470 mb
468 mb
466 mb
464 mb
462 mb
460 mb
458 mb
456 mb
454 mb
452 mb
450 mb
448 mb
446 mb
444 mb
442 mb
440 mb
438 mb
436 mb
434 mb
432 mb
430 mb
428 mb
426 mb
424 mb
422 mb
420 mb
418 mb
416 mb
414 mb
412 mb
410 mb
408 mb
406 mb
404 mb
402 mb
400 mb
398 mb
396 mb
394 mb
392 mb
390 mb
388 mb
386 mb
384 mb
382 mb
380 mb
378 mb
376 mb
374 mb
372 mb
370 mb
368 mb
366 mb
364 mb
362 mb
360 mb
358 mb
356 mb
354 mb
352 mb
350 mb
348 mb
346 mb
344 mb
342 mb
340 mb
338 mb
336 mb
334 mb
332 mb
330 mb
328 mb
326 mb
324 mb
322 mb
320 mb
318 mb
316 mb
314 mb
312 mb
310 mb
308 mb
306 mb
304 mb
302 mb
300 mb
298 mb
296 mb
294 mb
292 mb
290 mb
288 mb
286 mb
284 mb
282 mb
280 mb
278 mb
276 mb
274 mb
272 mb
270 mb
268 mb
266 mb
264 mb
262 mb
260 mb
258 mb
256 mb
254 mb
252 mb
250 mb
248 mb
246 mb
244 mb
242 mb
240 mb
238 mb
236 mb
234 mb
232 mb
230 mb
228 mb
226 mb
224 mb
222 mb
220 mb
218 mb
216 mb
214 mb
212 mb
210 mb
208 mb
206 mb
204 mb
202 mb
200 mb
198 mb
196 mb
194 mb
192 mb
190 mb
188 mb
186 mb
184 mb
182 mb
180 mb
178 mb
176 mb
174 mb
172 mb
170 mb
168 mb
166 mb
164 mb
162 mb
160 mb
158 mb
156 mb
154 mb
152 mb
150 mb
148 mb
146 mb
144 mb
142 mb
140 mb
138 mb
136 mb
134 mb
132 mb
130 mb
128 mb
126 mb
124 mb
122 mb
120 mb
118 mb
116 mb
114 mb
112 mb
110 mb
108 mb
106 mb
104 mb
102 mb
100 mb
98 mb
96 mb
94 mb
92 mb
90 mb
88 mb
86 mb
84 mb
82 mb
80 mb
78 mb
76 mb
74 mb
72 mb
70 mb
68 mb
66 mb
64 mb
62 mb
60 mb
58 mb
56 mb
54 mb
52 mb
50 mb
48 mb
46 mb
44 mb
42 mb
40 mb
38 mb
36 mb
34 mb
32 mb
30 mb
28 mb
26 mb
24 mb
22 mb
20 mb
18 mb
16 mb
14 mb
12 mb
10 mb
8 mb
6 mb
4 mb
2 mb
0 mb
-2 mb
-4 mb
-6 mb
-8 mb
-10 mb
-12 mb
-14 mb
-16 mb
-18 mb
-20 mb
-22 mb
-24 mb
-26 mb
-28 mb
-30 mb
-32 mb
-34 mb
-36 mb
-38 mb
-40 mb

# PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd JULY, 1971-




REG. No. 1024 RWXD Air Force 65-28, 306/67-1, II, 705/69.

Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SUNDAY THE 4th JULY, 1971.

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

Observations from Orissa, west Bengal and Bihar meagre but believe yesterday's well marked low has moved further northwestwards and now lies over west Bengal, Bihar and adjoining areas.

Rain/thundershowers have been widespread in Chittagong and Dacca divisions and local elsewhere over East Pakistan.

The low over west Uttar Pradesh has moved westwards and now lies over northwest Rajasthan and adjoining Multan and Bahawalpur divisions.

Incursion of moist easterlies into northeastern districts of West Pakistan has apparently slackened.

Yesterday's westerly low pressure wave over Kashmir and adjoining areas is moving away northeastwards.

Widespread rain/thundershowers have occured Malakand division, local in Peshawar and Rawalpindi divisions and scattered in Lahore, Sargodha, Multan, Bahawalpur, Quetta and Khairpur divisions.

Chief amounts of rainfall are Satkhira 5", Cox's Bazar and Jacobabad 2" each, Jessore, 1½", Sandwip, (0000 GMT) and Sylhet 1" each, Hatyia and Maijdee-Court ¾" each Faridpur ½" and Comilla, Khulna (upto 1200 GMT), Chakdara and Landikotal ¼" each.

Day temperatures were generally 10—20 °F (6—11 °C) below normal in Lahore, Rawalpindi, Sargodha, Multan, Peshawar and D. I. Khan divisions and 3—9 °F (2—5 °C) so in coastal districts of East Pakistan and elsewhere in West Pakistan outside Karachi and Hyderabad divisions.

**Forecast valid until the evening of the 5th July, 1971** :—Rain/thundershowers will be fairly widespread in East Pakistan with a few moderate to heavy falls, local in Lahore, Sargodha and Multan divisions and in Kashmir and scattered in Rawalpindi, Malakand, Peshawar, D. I. Khan Khairpur and Bahawalpur divisions. A few falls of drizzle also likely coastal Kalat and Karachi divisions.

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

Karachi-32
The 4th July, 1971.

## OBSERVATIONS

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TxTn) | 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 degree (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 (TxTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 018 | 9 | 5 | 23 | 05 | 98 | 02 | 6 | 024 | 82 | 3 | 7 | 5 | 7 | 2 | 75 | 76 | | | 27.3 | — | | — |
| | Cox's Bazar | ... | 000 | 0 | 8 | 13 | 02 | 95 | 02 | 2 | 962 | 80 | 8 | 6 | 3 | / | / | 80 | 81 | 000 | 0 | 8 | 18 | 09 | 96 | 50 | 2 | 032 | 79 | 4 | 5 | 4 | 4 | 75 | 75 | — 5 | — | 64.0 | +28.7 | — | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 070 | 9 | 7 | 13 | 14 | 90 | 02 | 6 | 014 | 82 | 4 | 4 | 5 | 6 | 0 | 79 | / / | — | | 45.0 | +21.2 | — | 108 |
| | Maijdee Court | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30.4 | + 7.0 | — | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 030 | 3 | 6 | 13 | 09 | 96 | 02 | 9 | 001 | 80 | 6 | 4 | 5 | 0 | 0 | 77 | 77 | — | 0 | 22.0 | + 1.5 | — | 94 |
| | Brahmanbaria | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 78 |
| | Sylhet | ... | 004 | 1 | 7 | 31 | 09 | 97 | 17 | 9 | 959 | 86 | 5 | 9 | 6 | 3 | / | 77 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 34.4 | — | | — |
| | Srimangal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 |
| Dacca | Mymensingh | ... | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 977 | 84 | 7 | 5 | 4 | 0 | 0 | 79 | 92 | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 003 | 80 | 6 | 5 | 4 | 0 | 0 | 80 | / / | + 5 | + 2 | 25.8 | + 6.1 | — | 91 |
| | Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 8 | 13 | 20 | 97 | 02 | 2 | 996 | 82 | 8 | 6 | 3 | / | | 79 | 80 | — | + 1 | | | | 74 |
| | Dacca (Tejgaon | ... | 000 | 0 | 6 | 18 | 05 | 97 | 02 | 2 | 956 | 83 | 4 | 5 | 5 | 0 | 2 | 77 | 86 | 000 | 0 | 7 | 13 | 05 | 97 | 02 | 2 | 996 | 83 | 7 | 8 | 4 | 3 | 0 | 79 | 80 | — | — | 13.9 | — | — | — |
| | Faridpur | ... | 045 | 5 | 4 | 16 | 02 | 97 | 02 | 6 | 969 | 84 | 7 | 9 | 9 | 5 | 0 | 79 | 86 | 045 | 0 | 6 | 16 | 02 | 97 | 02 | 2 | 090 | 85 | 4 | 5 | 5 | 1 | 0 | 78 | 79 | — 2 | 0 | | | | 71 |
| Khulna | Barisal | ... | 016 | 2 | 5 | 21 | 06 | 97 | 02 | 5 | 964 | 82 | 4 | 4 | 4 | 3 | 0 | 77 | 85 | 016 | 2 | 8 | 13 | 04 | 96 | 51 | 5 | 993 | 80 | 6 | 6 | 3 | 2 | | 78 | 79 | — 3 | 0 | 21.9 | + 3.7 | — | 81 |
| | Khulna | ... | 025 | 2 | 4 | 00 | 00 | 97 | 00 | 0 | 951 | 79 | 2 | 2 | 4 | 0 | 0 | 79 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 | 2 | 6 | 18 | 04 | 97 | 03 | 6 | 958 | 79 | 6 | 3 | 9 | 2 | 9 | 79 | 84 | | | 17.6 | + 3.7 | — | 65 |
| | Jessore | ... | 081 | 8 | 7 | 18 | 07 | 96 | 01 | 9 | 952 | 79 | 5 | 6 | 4 | 2 | 0 | 78 | / / | 076 | 0 | 8 | 23 | 03 | 96 | 03 | 2 | 986 | 92 | 7 | 7 | 4 | 2 | / | 79 | / / | — | — | | | | 65 |
| Rajshahi | Pabna | ... | 002 | 6 | 3 | 13 | 06 | 99 | 01 | 9 | / / / | 84 | 3 | 8 | 6 | 0 | 0 | 77 | 89 | 002 | 0 | 4 | 13 | 05 | 99 | 01 | 1 | / / | 84 | 4 | 4 | 6 | 6 | 0 | 78 | 80 | | | | | | 59 |
| | Sirajganj | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 |
| | Rajshahi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Bogra | ... | 006 | 2 | 6 | 05 | 03 | 96 | 01 | 2 | 954 | 83 | 4 | 6 | 4 | 3 | 0 | 79 | 87 | 000 | 0 | 7 | 13 | 03 | 96 | 02 | 2 | 989 | 83 | 7 | 6 | 4 | 0 | 0 | 79 | 79 | — 2 | + 1 | | | | 69 |
| | Dinajpur | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 6 | 09 | 02 | 96 | 03 | 1 | 993 | 80 | 6 | 0 | 9 | 2 | 0 | 80 | 76 | — | — 2 | 16.5 | — 3.7 | — | 72 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | | | | | | | | | | | | | | | | 84 |
| Kashmir | Jammu | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| Lahore | Lahore (Jail Rd.) | ... | 000 | 0 | 5 | 05 | 02 | 97 | 02 | 2 | 932 | 86 | 1 | 1 | 7 | 3 | 2 | 74 | 87 | 017 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 977 | / / | 2 | 0 | 9 | 3 | 1 | / / | / / | — 16 | — | 5.0 | + 2.9 | 7.3 | 19 |
| | Sialkot | ... | 015 | 0 | 6 | 00 | 0 | 98 | 02 | 2 | 938 | 85 | 2 | 5 | 6 | 7 | 0 | 73 | 85 | 002 | 0 | 5 | 05 | 05 | 98 | 01 | 1 | 979 | 81 | 2 | 5 | 6 | 6 | 0 | 72 | 75 | — 15 | — 6 | 10.7 | + 7.2 | 16.7 | 32 |
| Rawalpindi | Jhelum | ... | 000 | 0 | 1 | 00 | 00 | 98 | 01 | 1 | 937 | 86 | 1 | 0 | 9 | 3 | 0 | 73 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | — | 0.5 | — | 9.9 | — |
| | Islamabad | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 10.4 | + 7.4 | 17.9 | 36 |
| | R'walpindi | ... | 017 | 0 | 6 | 13 | 09 | 97 | 03 | 1 | 946 | 82 | 3 | 3 | 6 | 2 | 0 | 70 | 85 | 017 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 977 | / / | 2 | 0 | 9 | 3 | / | / / | / / | — | — | 0.7 | — 0.9 | — | — |
| | Campbellpur | ... | 000 | 0 | 2 | 13 | 10 | 98 | 00 | 0 | / / / | 81 | 0 | 0 | 9 | 0 | 0 | 64 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | — | 0.6 | — 1.2 | 2.7 | 15 |
| Sargodha | Khushab | ... | 000 | 0 | 6 | 03 | 00 | 97 | 01 | 2 | 948 | 89 | 3 | 5 | 3 | 0 | / | 74 | 89 | 000 | 0 | 6 | 36 | 02 | 97 | 03 | 2 | 975 | 84 | 3 | 5 | 9 | 3 | 4 | 75 | / / | — 15 | — | 1.9 | — | 5.6 | — |
| | Sargodha | ... | 000 | 0 | 4 | 09 | 03 | 97 | 01 | 0 | 935 | 87 | 4 | 8 | 6 | 0 | 0 | 75 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | — | 3.6 | + 2.0 | 6.8 | 12 |
| | Lyallpur | ... | 030 | 0 | 6 | 30 | /2 | 97 | 02 | 9 | 945 | 08 | 9 | 4 | 5 | 0 | 0 | 68 | 86 | 000 | 0 | 6 | 36 | 02 | 97 | 02 | 9 | 962 | / / | 6 | 4 | 8 | 0 | 0 | 71 | 75 | — 18 | — 8 | | | | 10 |
| Multan | Sahiwal | ... | 000 | 8 | 5 | 05 | 03 | 96 | 02 | 9 | 923 | 93 | 2 | / | 6 | 3 | 1 | 74 | 95 | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 960 | 86 | 3 | 5 | 6 | 3 | 0 | 75 | 78 | — 10 | — 7 | 1.3 | + 0.5 | 1.9 | 7 |
| | Multan | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 8 |
| | Lciah | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.0 | — 0.6 | 0.6 | 6 |
| Bahawalpur | Khanpur | ... | 000 | 0 | 6 | 23 | 03 | 96 | 17 | 1 | 908 | 01 | 4 | 9 | 9 | 7 | 0 | 72 | 02 | 000 | 0 | 0 | 00 | 00 | 96 | 07 | 0 | 957 | 86 | 0 | 0 | 9 | 0 | 0 | 74 | 81 | | | 0.0 | — 0.5 | 0.3 | 6 |
| | Bahawalpur | ... | 000 | 0 | / | 00 | 00 | 94 | 05 | 4 | 937 | 87 | 0 | 0 | 9 | 0 | 0 | 71 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 8 |
| | Fort Abbas | ... | 000 | 2 | 4 | 23 | 04 | 96 | 00 | 2 | 988 | 82 | 4 | 0 | 9 | 0 | 0 | 72 | 82 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 2.1 | — | 12.2 | — |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 05 | 03 | 96 | 29 | 9 | 991 | 69 | 7 | 3 | 7 | 0 | 0 | 65 | 67 | | | | | | 11 |
| Peshawar | Peshawar | ... | 000 | 0 | 1 | 36 | 02 | 97 | 01 | 0 | 903 | 94 | 1 | 1 | 6 | 0 | 1 | 70 | 02 | 000 | 0 | 8 | 31 | 18 | 98 | 95 | 9 | 997 | 75 | 6 | 3 | / | 3 | 0 | 65 | 75 | — 2 | — 5 | 0.2 | — 0.2 | 8.7 | — |
| | H ripur | ... | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 938 | 86 | 0 | 0 | 9 | 0 | 0 | 72 | 90 | 000 | 0 | 0 | 06 | 02 | 98 | 00 | 0 | 980 | 78 | 0 | 0 | 9 | 0 | 0 | 67 | 74 | — | — | 11.9 | — | 19.7 | 11 |
| D. I. Khan | Bannu | ... | 000 | 0 | 5 | 13 | 02 | 98 | 03 | 2 | 939 | 90 | 2 | 2 | 7 | 0 | 0 | 72 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — | 0.7 | — | 2.9 | — |
| | D. I. Khan | ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 926 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | — 13 | — | 0.0 | — 0.8 | 2.8 | 11 |
| Quetta | Sibi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Nokkundi | ... | 000 | 0 | 0 | 34 | 28 | 92 | 23 | 3 | 897 | 00 | 0 | 0 | 9 | 0 | 0 | 34 | / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | / / | — | 0.0 | — | 0.2 | 5 |
| Kalat | Turbat | ... | 000 | 0 | 0 | 23 | 03 | 98 | 00 | 0 | 998 | 12 | 0 | 0 | 9 | 0 | 0 | 70 | 12 | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 027 | 86 | 0 | 0 | 9 | 0 | 0 | 76 | 82 | — | — | 0.0 | — | 0.0 | 2 |
| | Jiwani | ... | 000 | 0 | 2 | 18 | 07 | 96 | 05 | 1 | 927 | 89 | 0 | 0 | 9 | 0 | 1 | 81 | 01 | 000 | 0 | 2 | 13 | 05 | 96 | 05 | 0 | 971 | 84 | 2 | 6 | 5 | 0 | 0 | 80 | 81 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | ... | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | / / / | 87 | 0 | 0 | 9 | 0 | 0 | 79 | 09 | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | / / | — | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara | ... | 000 | 0 | 1 | 27 | 12 | 96 | 03 | 3 | 928 | 86 | 1 | 6 | 6 | 0 | 0 | 79 | 89 | 000 | 0 | 1 | 27 | 05 | 96 | 02 | 2 | 964 | 83 | 1 | 6 | 6 | 0 | 0 | 77 | / / | — | — | 0.0 | 0.0 | 0.0 | 6 |
| | Lasbela | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Karachi division | Karachi (Manora) | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Airport) | ... | 000 | 0 | 8 | 25 | 14 | 96 | 03 | 2 | 943 | 86 | 8 | 6 | 5 | 0 | 0 | 63 | 89 | 000 | 0 | 5 | 25 | 05 | 96 | 03 | 1 | 972 | 83 | 3 | 6 | 4 | 1 | 0 | 79 | 81 | — | — | 0.0 | — | 0.2 | — |
| | Nagarparker | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Hyderabad | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 23 | 16 | 96 | 01 | 2 | 965 | 82 | 4 | 5 | 6 | 3 | 0 | 75 | 81 | — | — 1 | | | | 7 |
| | Hyderabad | ... | 000 | 0 | 7 | 23 | 07 | 96 | 06 | 2 | 923 | 95 | 0 | 0 | 9 | 0 | 8 | 75 | 01 | 000 | 0 | 8 | 23 | 07 | 97 | 03 | 1 | 964 | 85 | 0 | 0 | 9 | 0 | 5 | 73 | 81 | — 10 | | 0.0 | — 0.6 | 0.7 | 9 |
| | Badin | ... | 000 | 0 | 1 | 23 | 12 | 96 | 07 | 0 | 943 | 92 | 1 | 6 | 5 | 0 | 0 | 74 | 97 | 000 | 0 | 1 | 23 | 09 | 96 | 03 | 0 | 974 | 83 | 1 | 6 | 5 | 0 | 0 | 76 | 80 | — | — | 0.0 | — 1.8 | 0.0 | — |
| Khairpur | Podidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 03 | 95 | 05 | 0 | 945 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 83 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | ... | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 906 | 05 | 0 | 0 | 9 | 0 | 0 | 75 | 06 | 000 | 0 | 0 | 18 | 03 | 96 | 05 | 0 | 959 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 83 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | ... | 000 | 0 | 6 | 23 | 07 | 96 | 0. | 1 | 922 | 93 | 6 | 2 | 6 | 0 | 0 | 74 | 97 | 000 | 0 | 7 | 16 | 10 | 96 | 03 | 0 | 944 | 85 | 7 | 0 | 9 | 9 | 0 | 75 | 81 | — | — | 0.9 | — | 1.4 | — |
| | Kashmore | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 | 6 | 8 | 10 | 02 | 96 | 02 | 0 | 950 | 83 | 8 | 0 | 9 | 7 | / | 75 | 75 | — | — 10 | 2.3 | + 2.0 | 2.4 | 20 |
| Junagadh | Veraval | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miagar | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree | * ... | 005 | 2 | 8 | 09 | 08 | 96 | 02 | 9 | / / / | 05 | 8 | 5 | 3 | / | / | 60 | 69 | 017 | 9 | 6 | 13 | 02 | 97 | 02 | 9 | / / / | 64 | 6 | 5 | 4 | 0 | 0 | 58 | / / | — 10 | — | 20.2 | +15.1 | 28.3 | 29 |
| Malakand | Drosh | * ... | 000 | 1 | 7 | 23 | 12 | 96 | 17 | 9 | 336 | 83 | 7 | 9 | 7 | 0 | 0 | 47 | / / | 013 | 3 | 8 | 27 | 03 | 96 | 02 | 9 | 406 | 63 | 4 | 0 | 6 | 7 | / | 49 | / / | — | — | 0.8 | — | 9.3 | — |
| Peshawar | Cherat | ** ... | 000 | 0 | 4 | 18 | 05 | 98 | 02 | 1 | 387 | 77 | 9 | 0 | 8 | 4 | 0 | 57 | 79 | 000 | 0 | 4 | 18 | 10 | 96 | 02 | 2 | 403 | 70 | 4 | 4 | 8 | 0 | 0 | 57 | 66 | — 12 | — 6 | 0.9 | — 0.3 | 8.5 | — |
| | Kakul | ** ... | 009 | 0 | 6 | 23 | 07 | 98 | 03 | 1 | 378 | 76 | 5 | 7 | 4 | 0 | 0 | 66 | 84 | 000 | 0 | 5 | 34 | 02 | 97 | 03 | 0 | 400 | 77 | 4 | 4 | 6 | 3 | 0 | 60 | / / | — | — | 17.4 | — | 32.1 | 29 |
| | Landikotal | ** ... | 000 | 0 | 2 | 18 | 05 | 93 | 02 | 0 | 364 | 78 | 2 | 0 | 2 | 0 | / / | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar | ** ... | 000 | 0 | 6 | 07 | 12 | 97 | 27 | 9 | 384 | 59 | 6 | 9 | 5 | 0 | 1 | 30 | 79 | 001 | 3 | 3 | 13 | 02 | 97 | 29 | 9 | 411 | 67 | 3 | 5 | 5 | 0 | 0 | 56 | 62 | — 10 | — 4 | 1.6 | — | 9.2 | 11 |
| D.I. Khan | Miranshah | ** ... | 000 | 0 | 5 | 04 | 05 | 99 | 00 | 1 | 379 | 85 | 4 | 0 | 9 | 0 | 0 | 72 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.0 | 1.6 | 13 |
| | Wana | ** ... | 000 | 0 | 0 | 05 | 04 | 98 | 00 | 0 | 391 | 81 | 0 | 0 | 9 | 0 | 0 | 74 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.3 | — | 0.9 | — |
| Quetta | Fort Sandeman | ** ... | 000 | 0 | 7 | 05 | 03 | 96 | 05 | 1 | 350 | 74 | 5 | 7 | 7 | 2 | 1 | 51 | 91 | 000 | 0 | 2 | 31 | 02 | 96 | 05 | 0 | 390 | 75 | 1 | 5 | 7 | / | / | 63 | 72 | — 12 | — 4 | 1.0 | + 0.1 | 2.3 | 9 |
| | Hindubagh | ** ... | 000 | 0 | 0 | 25 | 09 | 96 | 05 | 0 | / / / | 91 | 0 | 0 | 9 | 0 | 0 | 69 | 92 | 000 | 0 | 0 | 25 | 02 | 94 | 05 | 0 | / / / | 71 | 0 | 0 | 9 | 0 | 0 | 89 | / / | — | — | 0.4 | — | 2.1 | — |
| | Loralai | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Barkhan | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Harnai | ** ... | 000 | 0 | 0 | 23 | 01 | 96 | 02 | 0 | 353 | 80 | 0 | 0 | 9 | 0 | 0 | 63 | 96 | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 2 | 375 | 82 | 7 | 0 | 9 | / | 4 | / / | / / | — | — | 0.0 | — 0.9 | 0.0 | 8 |
| | Sanjangli (Quetta) | ** ... | 000 | 0 | 0 | 31 | 07 | 94 | 06 | 4 | 349 | 89 | 0 | 0 | 9 | 0 | 0 | 29 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | 0.4 | + 0.3 | 3.2 | — |
| | Chaman | ** ... | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 392 | 95 | 0 | 0 | 9 | 0 | 0 | 18 | 91 | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 345 | 76 | 0 | 0 | 9 | 0 | 0 | 66 | 74 | — / / | — 1 | | + | | — |
| | Nushki | ** ... | 000 | 0 | 0 | 23 | 03 | 93 | 06 | 0 | 413 | 95 | 0 | 0 | 9 | 0 | 0 | 38 | 90 | 000 | 0 | 4 | 00 | 00 | 94 | 00 | 2 | 390 | 72 | 0 | / | 9 | 0 | 0 | 50 | 71 | — | — | 0.0 | — 0.0 | 1.8 | 4 |
| | Dalbandin | ** ... | 000 | 0 | 0 | 23 | 03 | 96 | 06 | 0 | 277 | 00 | 0 | 0 | 9 | 0 | 0 | 35 | 01 | 000 | 0 | 0 | 23 | 10 | 93 | 06 | 0 | 394 | 78 | 0 | 0 | 9 | 0 | 0 | / / | / / | — 8 | — | 0.0 | — | 1.1 | 7 |
| Kalat | Kalat | ** ... | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 2 | 360 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 68 | 000 | 0 | 4 | 18 | / / | 94 | 00 | 2 | 390 | 72 | 0 | / | 9 | 0 | 0 | 50 | / / | — 5 | — | 0.0 | — 0.2 | 0.4 | — |
| | Khuzdar | ** ... | 000 | 0 | 0 | 23 | 07 | 96 | 05 | 6 | 347 | 96 | 0 | 0 | 9 | 0 | 0 | 59 | 97 | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 0 | 378 | 81 | 0 | 0 | 9 | 0 | 0 | / / | 72 | — | — | 0.1 | — | 0.2 | 5 |
| | Panjgur | * ... | 000 | 0 | 2 | 31 | 10 | 95 | 05 | 0 | 384 | 93 | 0 | 0 | 9 | 0 | 1 | 64 | 94 | 000 | 0 | 0 | 23 | 05 | 95 | 05 | 0 | 414 | 80 | 0 | 0 | 9 | 0 | 0 | 71 | 78 | — 19 | + 4 | 0.0 | — 0.0 | 0.7 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**SUNDAY THE 4th JULY, 1971.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC_sh_sh_s$ | $0 1_sT_sT_dT_d$ | $1T_wT_wT_{wt}T_t$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_oT_oT_oT_oD_oD_o$) | 1000 mb (hhh $TTT_a$ DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 998 256 14 | 222 005 17 | 400 170 // | 030 108 16 | 577 019 43 | 751 125 // | 965 28/ // | 243 503 // | 425 657 // | 644 795 // | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 992 280 24 | 542 /// // | 400 238 59 | 052 112 515 | 577 071 // | 749 131 // | 962 727 // | 240 483 // | ... | ... | | | |
| Multan ... | 00 00 | ... | MISDA | ... | ... | ... | ... | | | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 958 244 57 | 539 /// // | 370 200 61 | 027 096 57 | 575 067 62 | 746 169 59 | 958 233 // | 246 383 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 811 230 69 | ... | ... | 052 144 11 | 579 047 // | 751 117 11 | 967 217 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 975 264 3/ | ... | 350 180 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed ($P_mP_mP_md_md_mf_mf_mf_m$) | TROPOPAUSE First ($P_tP_tP_tT_tT_tT_{at}$) | Transition ($d_td_tf_tf_tf_t$) | Second ($P_tP_tP_tT_tT_tT_t$) | Transition (dt dt ft ft ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.→ | At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 135 07 | 130 18 | 140 08 | 150 07 | ... | ... | ... | ... | ... | 075 11 | 075 10 | 170 07 | 080 09 | 115 10 | ... | 150 03 | 040 02 | 070 04 | 095 08 | 110 08 | 240 16 | 235 19 | 220 29 | ... | ... |
| Chhor ... | 235 08 | 235 06 | 240 05 | 235 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 15 | 165 15 | 175 14 | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 175 12 | 170 13 | 165 13 | 160 13 | 150 13 | 135 19 | ... | ... | ... | 095 12 | ... | ... | ... | ... | ... | 144 02 | 135 17 | 140 26 | ... | ... | ... | ... | ... | ... | ... | ... |
| D Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 29 | 275 13 | 295 12 | 305 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 1C0 10 | 060 12 | 070 08 | 005 10 | 285 10 | 230 03 | 260 07 | 285 11 | 300 11 | 050 04 | 060 04 | 065 03 | 105 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | 215 17 | 130 05 | ... | ... | ... | ... | ... | ... | ... | 115 01 | 180 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 050 50 | 020 06 | 260 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 120 06 | 135 09 | ... | 165 07 | 285 07 | ... | ... | ... | ... | 285 29 | 305 27 | 320 13 | ... | 240 12 | ... | 135 06 | 125 09 | 100 10 | 095 15 | 030 12 | 255 10 | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 140 03 | 125 06 | 120 11 | 115 17 | 085 19 | 010 04 | 305 14 | 275 09 | ... | 045 02 | 095 06 | 105 08 | 065 07 | 075 10 | 050 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 115 05 | 100 06 | 085 13 | 310 21 | 330 16 | ... | 115 09 | 080 59 | 075 17 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 250 13 | 255 12 | 270 11 | ... | ... | ... | ... | ... | ... | 250 19 | 250 19 | 280 18 | 280 16 | 255 14 | 335 15 | 240 12 | 265 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 205 05 | 220 02 | 230 02 | 225 02 | 245 06 | 225 07 | ... | ... | ... | 235 11 | 240 13 | /// // | 310 04 | /// // | 3.0 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 095 04 | 090 04 | 080 05 | 065 03 | 005 01 | 190 03 | 281 0/ | ... | ... | 125 03 | 165 05 | 175 06 | 150 05 | 125 04 | 020 01 | 125 03 | 165 05 | 175 06 | 150 05 | 125 04 | 020 01 | ... | 220 05 | 215 03 | ... | ... |
| Multan ... | 030 09 | 025 07 | 035 07 | 050 05 | 100 04 | ... | ... | ... | ... | 025 04 | 030 01 | 015 05 | 325 01 | 250 03 | 255 13 | 015 10 | 065 07 | 020 08 | 350 06 | 310 05 | 325 08 | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 180 01 | 010 01 | 155 05 | 155 06 | 265 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 005 03 | 055 02 | 010 03 | 145 04 | 110 08 | 260 15 | 265 13 | 290 17 | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0/0 04 | 050 07 | 045 08 | 130 07 | 210 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 275 11 | 280 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 255 05 | 285 09 | 205 23 | ... | ... | ... | ... |
| Sargodha ... | 075 07 | 080 06 | 085 05 | 105 05 | 110 04 | 040 03 | 300 13 | 250 24 | 255 27 | CE0 09 | 065 07 | 060 06 | 040 05 | 020 06 | ... | 215 03 | 195 02 | 295 03 | 330 01 | 230 01 | 245 03 | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g p. Kms. a.s.l→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 250 19 | 250 19 | 280 18 | 280 16 | 295 14 | 335 15 | 275 09 | 250 20 | 290 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

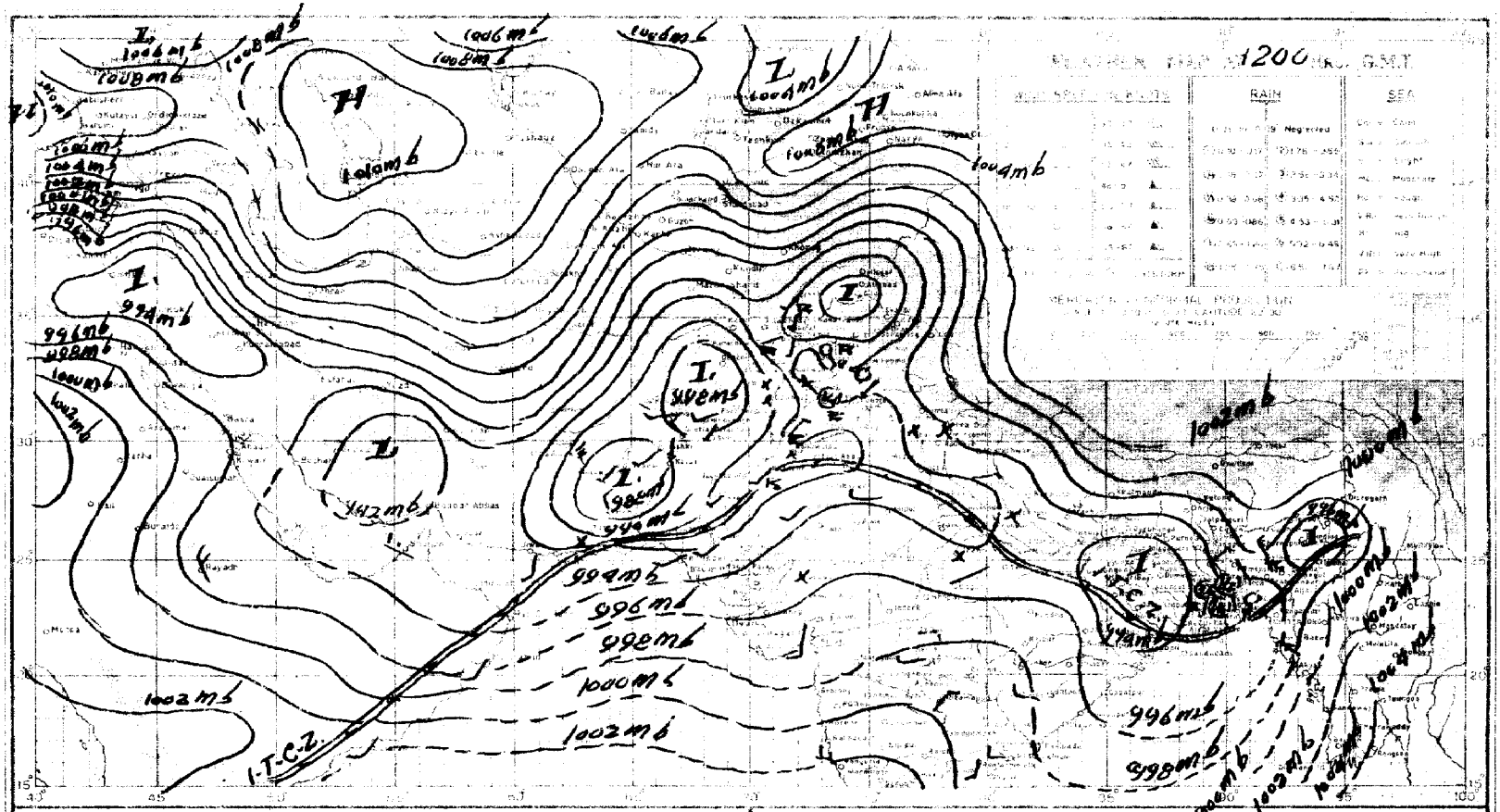
† The actual time of observations may vary within half an hour of the specified time

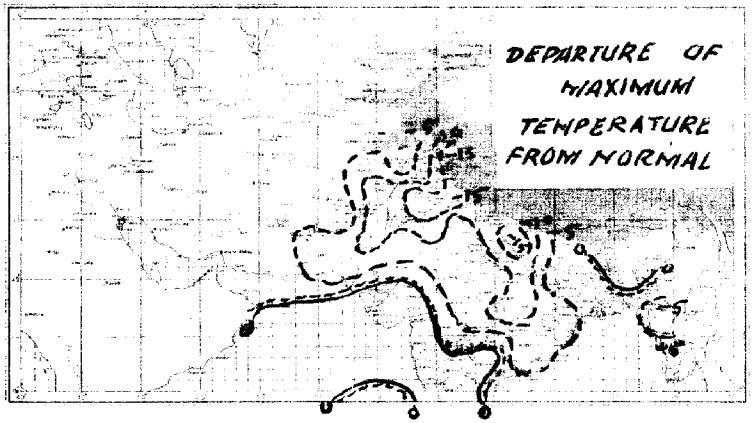
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

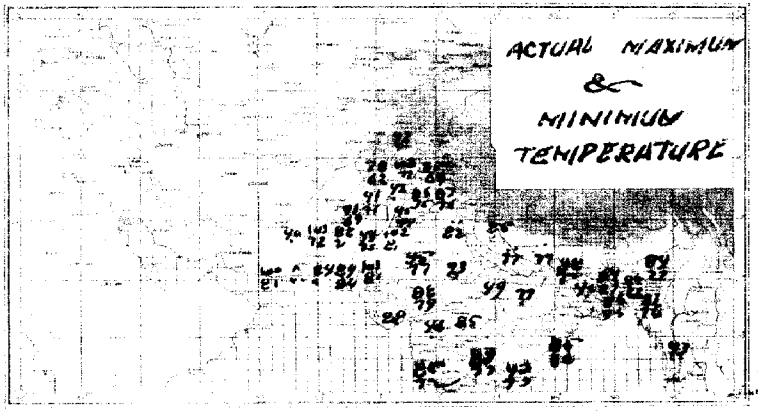
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

SATURDAY 3rd JULY, 1971

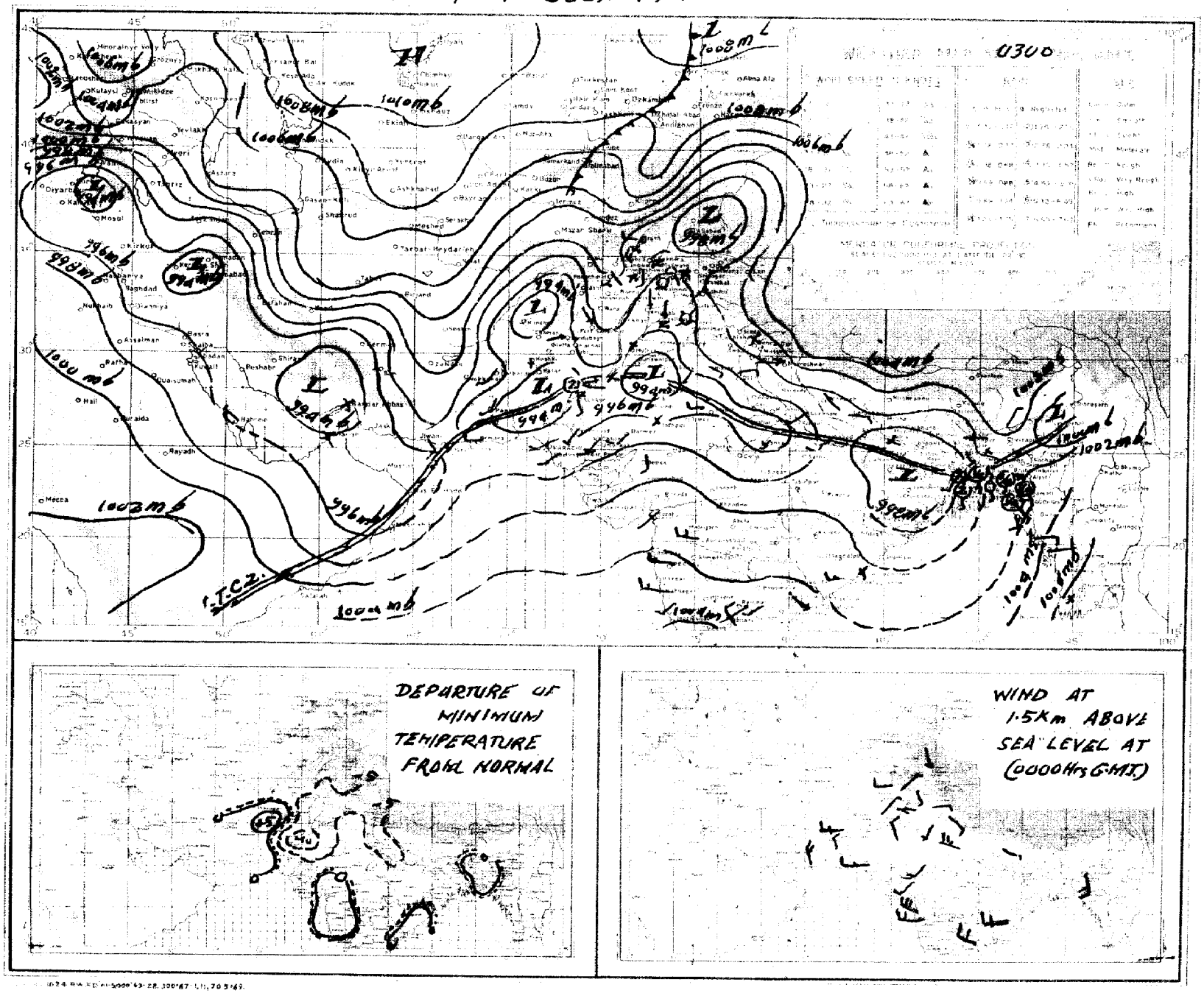


# PAKISTAN DAILY WEATHER MAP

SUNDAY 4th JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 5th JULY, 1971.

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

The well marked low over west Bengal, Bihar and adjoining areas has moved slightly westnorthwestwards and today lies over Bihar, east Uttar Pradesh and adjoining areas.

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

The low pressure area over northwest Rajasthan and adjoining areas lies as a trough over Bahawalpur and Multan divisions and is becoming unimportant.

Yesterday's westerly low pressure wave over Kashmir and adjoining areas has moved away northeastwards. Its associated trough still extends south-southwestwards to East Punjab (India).

Rain/thundershowers have been widespread in Malakand division, local in Lahore and Sargodha divisions and scattered in Multan, Bahawalpur, Rawalpindi, Peshawar, D. I. Khan and Quetta divisions. A few falls of drizzle have also been reported from coastal Kalat division.

Chief amounts of rainfall are Hatyia ( upto 0000 GMT) 3", Lyallpur and Fort Sandeman 2" each, Rangpur 1½", Bogra 1", Cox's Bazar and Sylhet ½" each and Bhola, Chittagong, Comilla, Mymensingh and Drosh (upto 0000 Z) ¼" each.

Day temperatures were generally 7—15 °F (4—8 °C) below normal over West Pakistan outside Karachi and Hyderabad divisions.

**Forecast valid until the evening of the 6th July. 1971 :** - Rain/thundershowers will be fairly widespread in East Pakistan with locally moderate to heavy falls. Scattered thunderstorms/showers may also occur in Lahore, Rawalpindi, Sargodha and Multan divisions and in Kashmir. Weather will be mainly dry elsewhere in West Pakistan.

Karachi-32
The 5th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † 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 | 007 | 0 | 8 | 18 | 09 | 96 | 02 | 5 | 011 | 79 | 5 | 5 | 4 | 2 | 0 | 71 | 79 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 7 | 13 | 02 | 97 | 50 | 2 | 987 | 68 | 5 | 4 | 0 | 0 | 0 | 81 | 91 |
| | Narayanganj | | | | | | | | | | | | | | | | | |
| | Dacca (Tjegaon) | 005 | 0 | 7 | 18 | 07 | 96 | 02 | 5 | 969 | 84 | 6 | 6 | 4 | 3 | 0 | 79 | 88 |
| | Faridpur | 000 | 0 | 6 | 16 | 02 | 97 | 03 | 2 | 962 | 84 | 5 | 5 | 5 | 0 | 0 | 78 | 89 |
| Khulna | Barisal | 007 | 6 | 8 | // | // | 96 | 51 | 6 | /// | 6 | 6 | 3 | 2 | / | / | 79 | 88 |
| | Khulna | | | | | | | | | | | | | | | | | |
| | Satkhira | 010 | 0 | 6 | 18 | 04 | 97 | 03 | 5 | 958 | 78 | 6 | 3 | 9 | 2 | 9 | 78 | 83 |
| | Jessore | /// | / | 7 | 18 | 07 | 96 | 02 | 5 | 969 | 84 | 6 | 6 | 4 | 3 | 0 | 79 | 87 |
| Rajshahi | Pabna | 000 | 0 | 8 | 18 | 05 | 96 | 03 | 1 | /// | 82 | 8 | 0 | 9 | 2 | / | 79 | 91 |
| | Sirajganj | 010 | 0 | 6 | 18 | 04 | 97 | 03 | 5 | 958 | 79 | 6 | 3 | 9 | 2 | 9 | 79 | 90 |
| | Rajshahi | 007 | 0 | 1 | 23 | 03 | 97 | 20 | 0 | 103 | 79 | 3 | 3 | 4 | 6 | / | 79 | // |
| | Bogra | 000 | 0 | 7 | 00 | 01 | 96 | 02 | 1 | 969 | 84 | 6 | 6 | 4 | 3 | 0 | 79 | 83 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 000 | 0 | 7 | 09 | 02 | 96 | 03 | 1 | 949 | 82 | 7 | 5 | 6 | 0 | 0 | 78 | 91 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | L hore (Jail Rd.) | 000 | 0 | 8 | 00 | 00 | 97 | 03 | / | 942 | 90 | 2 | 5 | 7 | 7 | / | // | 92 |
| | Sialkot | 000 | 0 | 6 | 27 | 02 | 98 | 03 | 1 | 959 | 84 | 5 | 0 | 9 | 2 | | 94 | 92 |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 7 | 31 | 14 | 97 | 02 | 2 | 951 | 86 | 1 | 8 | 6 | 3 | 1 | 67 | 91 |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | Khushab | 000 | 0 | 4 | 05 | 03 | 97 | 02 | | 941 | 87 | 4 | 4 | 7 | 0 | 0 | 65 | 91 |
| | Sargodha | 000 | 0 | 1 | 05 | 03 | 97 | 01 | 0 | 944 | 92 | 1 | 1 | 6 | 0 | 0 | 76 | 94 |
| | Lyallpur | 204 | 6 | 4 | 36 | 02 | 97 | 02 | 9 | 941 | 87 | 4 | 4 | 7 | 0 | 0 | 65 | 91 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 1 | 973 | 99 | 3 | 0 | 9 | 3 | 8 | 79 | 99 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 1 | 7 | 09 | 00 | 95 | 29 | 9 | 934 | 98 | 2 | 3 | 6 | 3 | 2 | 68 | 01 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 4 | 934 | 90 | 0 | 0 | 9 | 0 | 0 | 69 | 98 |
| | Fort Abbas | 000 | 0 | 8 | 23 | 02 | 96 | 00 | 0 | 987 | 90 | / | / | / | / | / | 83 | 88 |
| Malakand | Chakdara | 029 | 8 | 6 | 18 | 05 | 97 | 01 | 9 | 948 | // | 3 | 0 | 9 | 3 | 9 | 61 | 91 |
| Peshawar | Peshawar | 000 | 0 | 7 | 09 | 02 | 97 | 02 | 2 | 952 | 89 | 2 | 5 | 6 | 3 | 0 | 69 | 93 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu | 000 | 0 | 6 | 31 | 02 | // | // | / | 953 | 85 | 6 | 0 | 9 | 6 | 0 | 67 | 87 |
| | D. I. Khan | 000 | 0 | 8 | 35 | 02 | 96 | 02 | 0 | 972 | 83 | 0 | 0 | 9 | 0 | 0 | 72 | 92 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 36 | / | 93 | | | 928 | 99 | 0 | 0 | 9 | 0 | 0 | 97 | 99 |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 02 | 98 | 00 | 0 | 982 | // | 0 | 0 | 9 | 0 | 0 | 8/ | // |
| | Jiwani | 000 | 0 | 0 | 18 | 10 | 96 | 05 | 0 | 955 | 87 | 0 | 0 | 9 | 0 | 0 | 79 | 89 |
| | Pasni | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | 133 | 82 | 0 | 0 | 9 | 0 | 0 | 79 | // |
| | Ormara | 000 | 0 | 1 | 27 | 12 | 96 | 02 | 2 | 959 | 90 | 1 | 6 | 6 | 0 | 0 | 77 | 91 |
| | Lasbela | /// | 0 | 2 | 13 | 04 | 97 | 00 | 0 | 947 | 01 | 0 | 0 | 8 | 0 | | | 02 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 5 | 25 | 12 | 96 | 01 | 2 | 958 | 86 | 5 | 6 | 5 | 0 | 0 | 79 | 90 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 000 | 0 | 8 | 30 | 05 | 96 | 06 | 2 | 939 | 95 | 0 | 0 | 9 | 0 | 5 | 72 | 99 |
| | Badin | 000 | 0 | 3 | 23 | 12 | 96 | 03 | 0 | 961 | 93 | 3 | 0 | 9 | 1 | 0 | 73 | 97 |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nawabshah | 000 | 0 | 1 | 03 | 03 | 96 | 01 | 0 | 944 | 92 | 1 | 1 | 6 | 0 | 0 | 76 | 94 |
| | Sukkur | 000 | 0 | 5 | 05 | 32 | 96 | 03 | 0 | [illegible] | 04 | 7 | 0 | 0 | 9 | 0 | 73 | 05 |
| | Kashmore | 000 | 0 | 0 | 05 | 00 | 98 | 02 | 2 | 930 | 96 | 0 | 0 | 9 | 0 | 0 | 75 | 03 |
| | Jacobabad | 000 | 0 | 5 | 13 | 05 | 96 | 05 | 2 | 923 | 98 | 3 | 0 | 9 | 3 | 8 | 79 | 99 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Alizbad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 000 | 0 | 8 | 09 | 09 | 97 | 03 | 1 | /// | 65 | 8 | 6 | 3 | / | / | 60 | 71 |
| Malakand | Drosh * | 017 | 3 | 8 | 36 | 09 | 96 | 17 | 9 | 436 | 65 | 9 | 8 | 6 | / | / | 47 | 88 |
| Peshawar | Cherat * | 000 | 0 | 4 | 10 | 05 | 97 | 01 | 2 | 415 | 75 | 4 | 0 | 9 | / | 0 | 49 | 78 |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Landikotal * | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 402 | 83 | 6 | 0 | / | 2 | 0 | 57 | 84 |
| | Parachinar * | 016 | 6 | 5 | 00 | 00 | 97 | 17 | 9 | 411 | 68 | 4 | 9 | 6 | 3 | 0 | 47 | 74 |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 00 | 05 | 99 | 00 | 2 | 363 | 90 | 6 | 0 | 9 | 0 | 2 | 73 | 92 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * | 184 | 3 | 5 | 09 | 19 | 96 | 05 | 1 | 377 | 77 | 3 | 4 | 7 | 1 | 2 | 52 | 89 |
| | Hindubagh * | 000 | 0 | 0 | 23 | 13 | 95 | 05 | 4 | 387 | 85 | 0 | 0 | 9 | 0 | 0 | /7 | 89 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Samungli (Quetta) * | 000 | 0 | 0 | 23 | 12 | 95 | 06 | 0 | 386 | 88 | 0 | 0 | 9 | 0 | 0 | 53 | 89 |
| | Chaman * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nushki * | | | | | | | | | | | | | | | | | |
| | Dalbandin * | 000 | 0 | 0 | 23 | 07 | 97 | 07 | 0 | 405 | 00 | 0 | 0 | 9 | 0 | 0 | 54 | 89 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 00 | 94 | 00 | 2 | 362 | 80 | 0 | 0 | 9 | 0 | 0 | 61 | 86 |
| | Khuzdar * | 000 | 0 | 0 | 27 | 09 | 94 | 05 | 4 | 367 | 95 | 0 | 0 | 9 | 0 | 0 | 54 | 97 |
| | Panjgur * | 000 | 0 | 0 | 31 | 09 | 95 | 05 | 0 | 405 | 94 | 0 | 0 | 9 | 0 | 0 | 81 | 96 |

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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | |
| | Cox's Bazar | 043 | 0 | 7 | 14 | 05 | 96 | 02 | 0 | 044 | 83 | 5 | 5 | 4 | 4 | 0 | 72 | 75 |
| | Chittagong | 025 | 0 | 7 | 13 | 07 | 96 | 03 | 1 | 050 | 81 | 4 | 4 | 5 | 3 | 0 | 73 | // |
| | Maijdee Court | 160 | 9 | 8 | 18 | 02 | 96 | 03 | 6 | 036 | 81 | 5 | 5 | 4 | 2 | / | 79 | // |
| | Comilla | 032 | 9 | 6 | 13 | 09 | 96 | 02 | 0 | 038 | 79 | 6 | 4 | 4 | 0 | 0 | 75 | 75 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 049 | 3 | 8 | 00 | 00 | 96 | 21 | 6 | 042 | 69 | 6 | 3 | 4 | 2 | | 75 | 75 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj | | | | | | | | | | | | | | | | | |
| | Dacca (Tjegaon) | 009 | 9 | 7 | 18 | 05 | 97 | 02 | 6 | 028 | 83 | 6 | 8 | 5 | 7 | 0 | 62 | 69 |
| | Faridpur | 003 | 0 | 7 | 18 | 02 | 97 | 02 | 2 | 007 | 93 | 5 | 5 | 5 | 1 | 0 | 79 | 81 |
| Khulna | Barisal | 007 | 9 | 7 | 17 | 05 | 97 | 02 | 7 | 026 | 84 | 5 | 8 | 7 | 4 | 0 | 81 | 75 |
| | Khulna | | | | | | | | | | | | | | | | | |
| | Satkhira | 010 | 0 | 6 | 18 | 05 | 97 | 03 | 1 | 011 | 84 | 6 | 2 | 9 | 1 | 1 | 79 | // |
| | Jessore | 003 | 0 | 6 | 10 | 07 | 96 | 03 | 2 | 016 | 84 | 4 | 6 | 4 | 2 | 0 | 79 | 81 |
| Rajshahi | Pabna | 000 | 0 | 4 | 18 | 05 | 98 | 01 | 1 | /// | 84 | 4 | 4 | 6 | 0 | 0 | 79 | 81 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Rajshahi | 011 | 9 | 6 | 09 | 02 | 96 | 06 | 6 | 014 | 83 | 5 | 4 | 4 | 3 | 0 | 79 | 78 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 130 | 7 | 7 | 09 | 02 | 96 | 01 | 6 | 997 | 71 | 7 | 6 | 6 | 0 | 0 | // | 75 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | L hore (Jail Rd.) | 003 | 0 | 6 | 05 | 03 | 97 | 01 | 2 | 993 | 79 | 3 | 3 | 6 | 2 | 0 | 72 | 80 |
| | Sialkot | 000 | 2 | 7 | 09 | 21 | 98 | 29 | 9 | 007 | [illegible] | 4 | 9 | 5 | 1 | 0 | 73 | 73 |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Campbellpur | 000 | 0 | 0 | 05 | 00 | 97 | 02 | 0 | 110 | 83 | 0 | 0 | 9 | 0 | 0 | // | // |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 2 | 980 | 83 | 0 | 0 | 9 | 0 | 0 | 69 | 76 |
| | Sargodha | 000 | 0 | 8 | 09 | 03 | 96 | 06 | 0 | 905 | 83 | 1 | 5 | 6 | 3 | 0 | 72 | 80 |
| | Lyallpur | 202 | 9 | 4 | 00 | 00 | 97 | 02 | 9 | 966 | 63 | 4 | 2 | 7 | 0 | 0 | 72 | 73 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 006 | 9 | 4 | 00 | 00 | 96 | 02 | 9 | 989 | 63 | 1 | 5 | 6 | 3 | 1 | 73 | 75 |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 6 | 007 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 77 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdara | 008 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 886 | 76 | 0 | 0 | 9 | 0 | 0 | 63 | 67 |
| Peshawar | Peshawar | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 981 | 86 | 0 | 0 | 9 | 0 | 0 | 62 | 75 |
| | Haripur | 000 | 9 | 0 | 36 | 02 | 98 | 00 | 5 | 980 | 80 | 0 | 0 | 9 | 0 | 0 | 67 | 68 |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 31 | 24 | 97 | 12 | 0 | 993 | 32 | 0 | 0 | 9 | 0 | 0 | 32 | 74 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani | 000 | 0 | 1 | 16 | 03 | 96 | 06 | 1 | 000 | 82 | 1 | 6 | 5 | 0 | 0 | 76 | 79 |
| | Pasni | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 0 | 990 | 85 | 6 | 0 | 9 | 9 | 0 | 75 | 83 |
| | Ormara | 000 | 0 | 3 | 27 | 09 | 96 | 05 | 0 | 997 | 83 | 3 | 6 | 6 | 0 | 0 | 76 | // |
| | Lasbela | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 992 | 84 | 0 | 0 | 8 | 0 | 0 | 78 | 82 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 4 | 31 | 05 | 96 | 03 | 1 | 008 | 83 | 4 | 6 | 5 | 3 | 0 | 77 | 81 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 000 | 0 | 6 | 23 | 05 | 97 | 02 | 1 | 994 | 84 | 0 | 0 | 9 | 0 | 1 | 75 | 81 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khairpur | Padidan | 000 | 0 | 6 | 13 | 03 | 95 | 05 | 0 | 987 | 84 | 0 | 0 | 9 | 0 | 8 | 75 | 82 |
| | Nawabshah | 000 | 0 | 0 | 13 | 05 | 96 | 05 | 0 | 992 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 81 |
| | Sukkur | 000 | 0 | 4 | 20 | 03 | 97 | 02 | 0 | 996 | 83 | 4 | 2 | 6 | 0 | 0 | 77 | 78 |
| | Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jacobabad | 000 | 0 | 6 | 09 | 03 | 96 | 05 | 2 | 992 | 84 | 3 | 0 | 9 | 2 | 8 | 75 | 81 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Alizbad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 005 | 9 | 0 | 13 | 02 | 96 | 03 | 8 | /// | 63 | 8 | 5 | 4 | / | | 54 | 50 |
| Malakand | Drosh * | 000 | 0 | 3 | 00 | 00 | 98 | 01 | 0 | 453 | 67 | 2 | 8 | 6 | 0 | 0 | 53 | 61 |
| Peshawar | Cherat * | 000 | 0 | 0 | 36 | 07 | 98 | 00 | 0 | 421 | 75 | 0 | 0 | 9 | 0 | 0 | 54 | 65 |
| | Kakul * | 000 | 0 | 4 | 29 | 02 | 97 | 01 | 1 | 421 | 72 | 3 | 5 | 6 | 3 | 0 | 64 | 76 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Parachinar * | 006 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 427 | 74 | 1 | 5 | 6 | 0 | 0 | 44 | 69 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 369 | 00 | 0 | 0 | 9 | 6 | 0 | 63 | 75 |
| | Wana * | 015 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 72 | 0 | 0 | 9 | 0 | 0 | 64 | 66 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 423 | 70 | 0 | 0 | 9 | 0 | 0 | 61 | 58 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 02 | 95 | 05 | 0 | /// | 69 | 0 | 0 | 9 | 0 | 0 | 36 | 56 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 407 | 89 | 0 | 0 | 9 | 0 | 0 | 61 | 84 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 430 | 68 | 0 | 0 | 9 | 0 | 0 | 45 | 57 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 449 | 74 | 0 | 0 | 9 | 0 | 0 | 54 | 69 |
| | Nushki * | | | | | | | | | | | | | | | | | |
| | Dalbandin * | 000 | 0 | 0 | 23 | 05 | 94 | 06 | 0 | 425 | 78 | 0 | 0 | 9 | 0 | 0 | 77 | 71 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 00 | 94 | 00 | 2 | 417 | 68 | 0 | 0 | 9 | 0 | 0 | 42 | 67 |
| | Khuzdar * | 000 | 0 | 0 | 03 | 00 | 95 | 05 | 4 | 404 | 78 | 0 | 0 | 9 | 0 | 0 | 23 | 72 |
| | Panjgur * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Departure from Normal of / Rainfall

| DIVISIONS (1) | STATIONS (2) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | — | — | — | — |
| | Cox's Bazar | — 7 | — 2 | 64.5 | +29.0 | — | 140 |
| | Chittagong | — | // | 45.0 | +20.4 | — | 108 |
| | Maijdee Court | — | — | 30.4 | +06.3 | — | 115 |
| | Comilla | — | — 2 | 22.0 | +01.0 | — | 94 |
| | Brahmanbaria | | | — | — | — | 78 |
| | Sylhet | — | — | 34.4 | — | — | — |
| | Srimangal | | | — | — | — | 98 |
| Dacca | Mymensingh | + 4 | — | 25.8 | +05 5 | — | 91 |
| | Narayanganj | — | — | — | — | — | 74 |
| | Dacca (Tjegaon) | — | — | 14.0 | — | — | — |
| | Faridpur | 0 | — 3 | — | — | — | 71 |
| Khulna | Barisal | — | — | 22.0 | +03.2 | — | 81 |
| | Khulna | — | — | — | — | — | 63 |
| | Satkhira | — | — | 11.7 | +03.3 | — | 65 |
| | Jessore | — 2 | — 2 | 0.8 | —13.7 | — | 65 |
| Rajshahi | Pabna | — | — | — | — | — | 59 |
| | Sirajganj | + 3 | — | — | — | — | 64 |
| | Rajshahi | — | — | 0.1 | — | — | — |
| | Bogra | — 1 | — | — | — | — | 69 |
| | Dinajpur | — | — | — | — | — | 72 |
| | Rangpur | + 3 | — 3 | 16.5 | —04.4 | — | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | L hore (Jail Rd.) | — 11 | — 2 | 5.0 | + 2.8 | 7.3 | 19 |
| | Sialkot | — 8 | — 8 | 10.7 | + 6.9 | 16 7 | 32 |
| Rawalpindi | Jhelum | — | — | — | — | — | — |
| | Islamabad | — | — | — | — | — | — |
| | Rawalpindi | — | — | — | — | — | 36 |
| | Campbellpur | — | — | 0.7 | — | 0.9 | — |
| Sargodha | Khushab | — 13 | — 7 | 0.6 | — 1.2 | 2 7 | 15 |
| | Sargodha | — | — | 1.9 | — | 5.6 | — |
| | Lyallpur | — 13 | — 10 | 5 6 | + 4.0 | 8 8 | 12 |
| Multan | Sahiwal | — | — | — | — | — | 10 |
| | Multan | — 6 | — 10 | 1.4 | + 0.5 | 1.9 | 7 |
| | Leiah | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | — | — | — | — | — | 6 |
| | Bahawalpur | — | — | 0.0 | — 0.6 | 0.3 | 6 |
| | Fort Abbas | — | — | — | — | — | |
| Malakand | Chakdara | — | — | 2.4 | — | 12.6 | 8 |
| Peshawar | Peshawar | — 11 | — 5 | 0.2 | — 0.2 | 8.7 | — |
| | Haripur | — | — | 11.9 | — | 19.7 | 11 |
| D. I. Khan | Bannu | — | — | — | — | — | — |
| | D. I. Khan | — 13 | — | — | — | — | 11 |
| Quetta | Sibi | — | — | — | — | — | 9 |
| | Nokkundi | — | — | 0.0 | — | 0.2 | 5 |
| Kalat | Turbat | — | — | — | — | — | 2 |
| | Jiwani | — | — | 0.0 | — | 1.5 | — |
| | Pasni | // | + 5 | 0.0 | — 0.3 | 0.0 | 5 |
| | Ormara | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | 6 |
| Karachi division | Karachi (Manora) | | | | | | 8 |
| | Karachi (Airport) | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | | — | — | — | | — |
| | Chhor | | — | — | — | | — |
| | Hyderabad | — 13 | — 4 | 0.0 | — 0.6 | 0.7 | 7 |
| | Badin | — | — | — | — | — | 9 |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | — |
| | Sukkur | — | — | 0.9 | — | 1.4 | 4 |
| | Kashmore | — | — | — | — | — | — |
| | Jacobabad | — 12 | — 4 | 2.3 | + 1.9 | 2.4 | 4 |
| Junagadh | Veraval | | | | | | 20 |
| | **HILL STATIONS** | | | | | | |
| Kashmir | Srinagar * | | | | | | 26 |
| | Gulmarg ** | | | | | | — |
| | Sonamarg ** | | | | | | 71 |
| | Dras ** | | | | | | 26 |
| | Leh ** | | | | | | 3 |
| | Skardu * | | | | | | 6 |
| | Misgar ** | | | | | | — |
| | Alizbad * | | | | | | — |
| | Gilgit * | | | | | | 5 |
| Rawalpindi | Murree * | — 8 | — 13 | 20.2 | +14.7 | 28.3 | 59 |
| Malakand | Drosh * | — 7 | — 10 | 0.9 | — | 9.5 | 18 |
| Peshawar | Cherat * | — 13 | — 7 | 0.9 | — 0.4 | 0.5 | 29 |
| | Kakul * | — | — | 17.4 | — | 32.1 | — |
| | Landikotal * | — | — | — | — | — | — |
| | Parachinar * | — 15 | + 3 | 1.6 | — | 9.1 | 29 |
| D.I. Khan | Miranshah * | — | — | 0.0 | — 1.1 | 1.6 | 13 |
| | Wana * | — | — | 0.3 | — | 0.9 | 11 |
| Quetta | Fort Sandeman * | — 14 | — 8 | 2.9 | + 2.0 | 5.1 | 13 |
| | Hindubagh * | — | — | 0.5 | — | 2.1 | — |
| | Loralai * | — | — | — | — | — | 9 |
| | Barkhan * | — | — | — | — | — | — |
| | Harnai * | — | — | 0.0 | — 1.0 | 0.0 | 14 |
| | Samungli (Quetta) * | — 5 | — 10 | 0.4 | + 0.3 | 3.2 | 9 |
| | Chaman * | — | — 21 | — | 0.0 | 1.8 | 8 |
| | Nushki * | — | — | 0.0 | — | — | — |
| | Dalbandin * | — 20 | — 3 | 0.0 | — 0,0 | 0.7 | 4 |
| Kalat | Kalat * | — 7 | + 12 | 0.0 | — 0.2 | 0.4 | 7 |
| | Khuzdar * | — | — | 0.1 | — | 0.3 | — |
| | Panjgur * | — 7 | — | — | — | — | 5 |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 5th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | $VV_wwW$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC_sh_s$ | $OI_sT_sT_dT_d$ | $1T_wT_wT_wT_w$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G. M. T. | Surface | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTTs DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 000 267 14 | 003 260 14 | 400 178 45 | 066 112 46 | 560 039 50 | 750 141 16 | ... | ... | ... | 678 679 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 996 274 37 | 512 /// // | 400 238 68 | 080 116 64 | 578 081 // | 750 121 // | 965 205 // | 254 375 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 984 270 43 | 523 /// // | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 959 283 57 | 521 /// // | 360 226 // | 044 104 // | 574 105 // | 742 207 // | 951 287 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 813 200 66 | ... | ... | 074 184 // | 529 112 // | 744 030 | 100 090 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 976 270 20 | 526 /// // | 360 164 // | 984 110 10 | 554 221 // | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTs DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 758 116 50 | 270 /// // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 250 68 | 586 000 // | ... | | | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 190 81 | 600 160 // | 357 000 // | 350 007 // | 228 173 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 707 000 // | 485 235 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in kms. a.s.l.—> | At 1200 hrs. G.M.T. † of Previous day (dddff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dddff) | | | | | | At 0600 hrs. G.M.T. † of date (dddff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 320 19 | 335 13 | 350 07 | 098 05 | 170 06 | 185 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 01 | 315 01 | 290 02 | 275 03 | 265 04 | 230 13 | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 225 22 | 230 27 | 235 26 | 240 13 | 235 11 | 175 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 170 15 | 170 22 | 175 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 165 08 | 160 14 | 165 15 | 165 14 | 195 10 | 190 17 | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 175 19 | 175 21 | 180 25 | 185 31 | 195 27 | ... | ... | ... | ... | 165 12 | 165 23 | 185 12 | 200 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 165 11 | 165 17 | 180 15 | ... | ... | ... | ... | ... | ... | 165 20 | 200 15 | 200 17 | ... | 210 16 | ... | 170 12 | 170 16 | 170 25 | 180 31 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 23 | 320 23 | 310 21 | 300 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 300 10 | 335 05 | 085 04 | 070 04 | 285 03 | 270 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 090 04 | 065 03 | 130 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 01 | 265 03 | 205 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 20 | 125 19 | 120 13 | 050 03 | 006 06 | 345 07 | 175 01 | 100 50 | 260 05 | 035 05 | 111 04 | 100 10 | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 10 | 050 10 | 020 17 | 295 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 135 02 | 135 08 | 180 03 | 280 08 | ... | ... | 150 07 | 135 67 | 135 08 | 180 05 | 220 08 | 255 10 | ... | ... | ... | ... | ... |
| Karachi ... | 235 17 | 245 15 | 260 14 | ... | 280 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 270 10 | 240 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 345 10 | 245 13 | 245 05 | 240 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 04 | 295 06 | 260 06 | 215 05 | 210 06 | 180 04 | 075 12 | 090 15 | 080 15 | 030 04 | 315 07 | 340 10 | ... | ... | ... | ... | ... |
| Multan ... | 015 05 | 020 05 | 025 04 | 110 04 | 125 02 | 285 01 | ... | ... | ... | 340 06 | 350 09 | 350 10 | ... | ... | ... | 255 01 | 310 05 | 015 06 | 015 04 | 315 10 | 315 10 | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 09 | 085 01 | 010 02 | 170 03 | 205 12 | 250 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 080 05 | 110 05 | 155 03 | 210 03 | 190 02 | 285 12 | ... | 295 12 | ... | 295 03 | 335 04 | 320 06 | 335 05 | 310 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 270 19 | 250 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 005 03 | 285 01 | 310 01 | ... | ... | ... | ... |
| Sargodha ... | 045 06 | 025 08 | 360 09 | 015 14 | 045 09 | 100 10 | 335 03 | 295 06 | 235 20 | 020 04 | 345 04 | 355 04 | 015 03 | 030 03 | 050 04 | 080 00 | 110 07 | 090 05 | 25 08 | 360 81 | 310 10 | 290 11 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

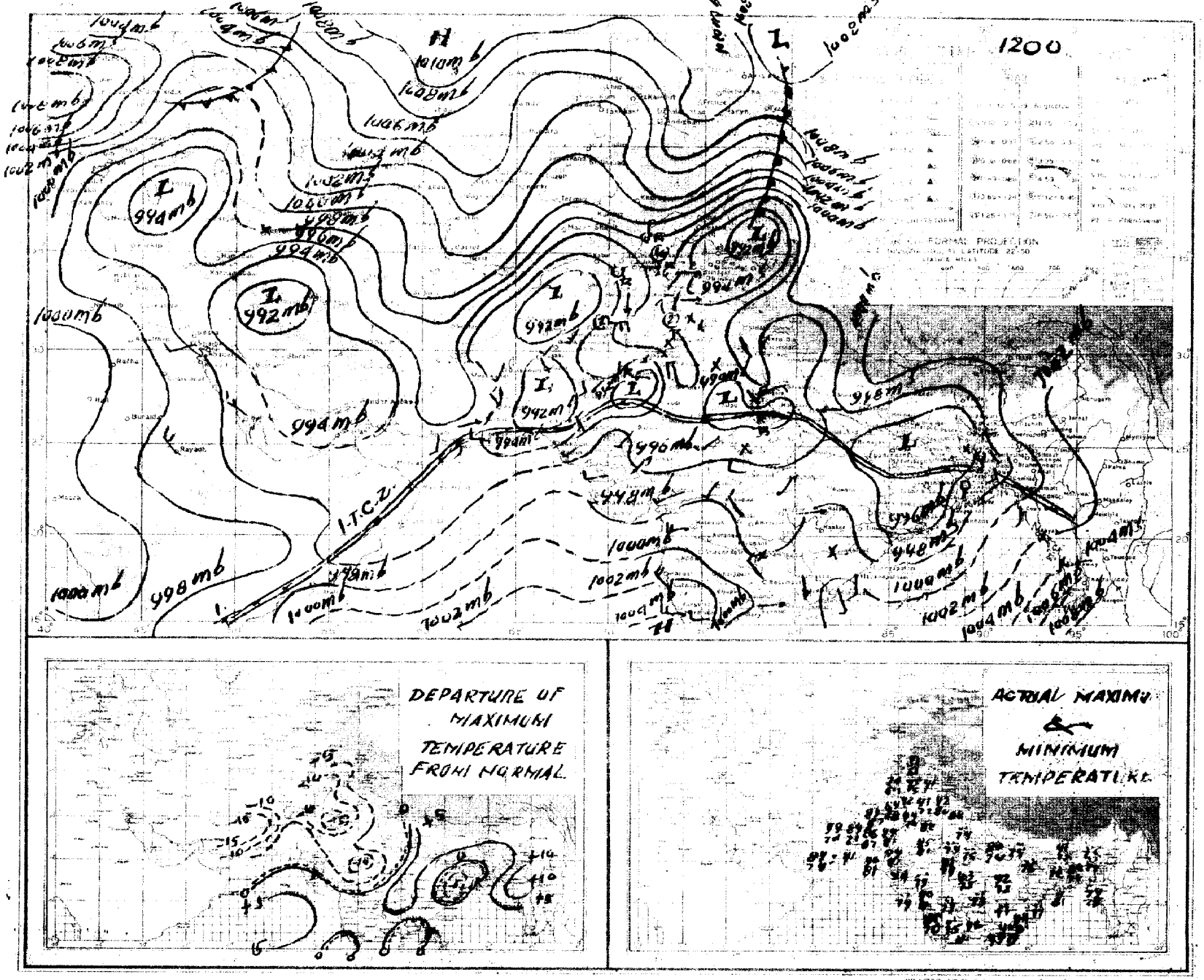
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ts—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—22.

# PAKISTAN DAILY WEATHER MAP

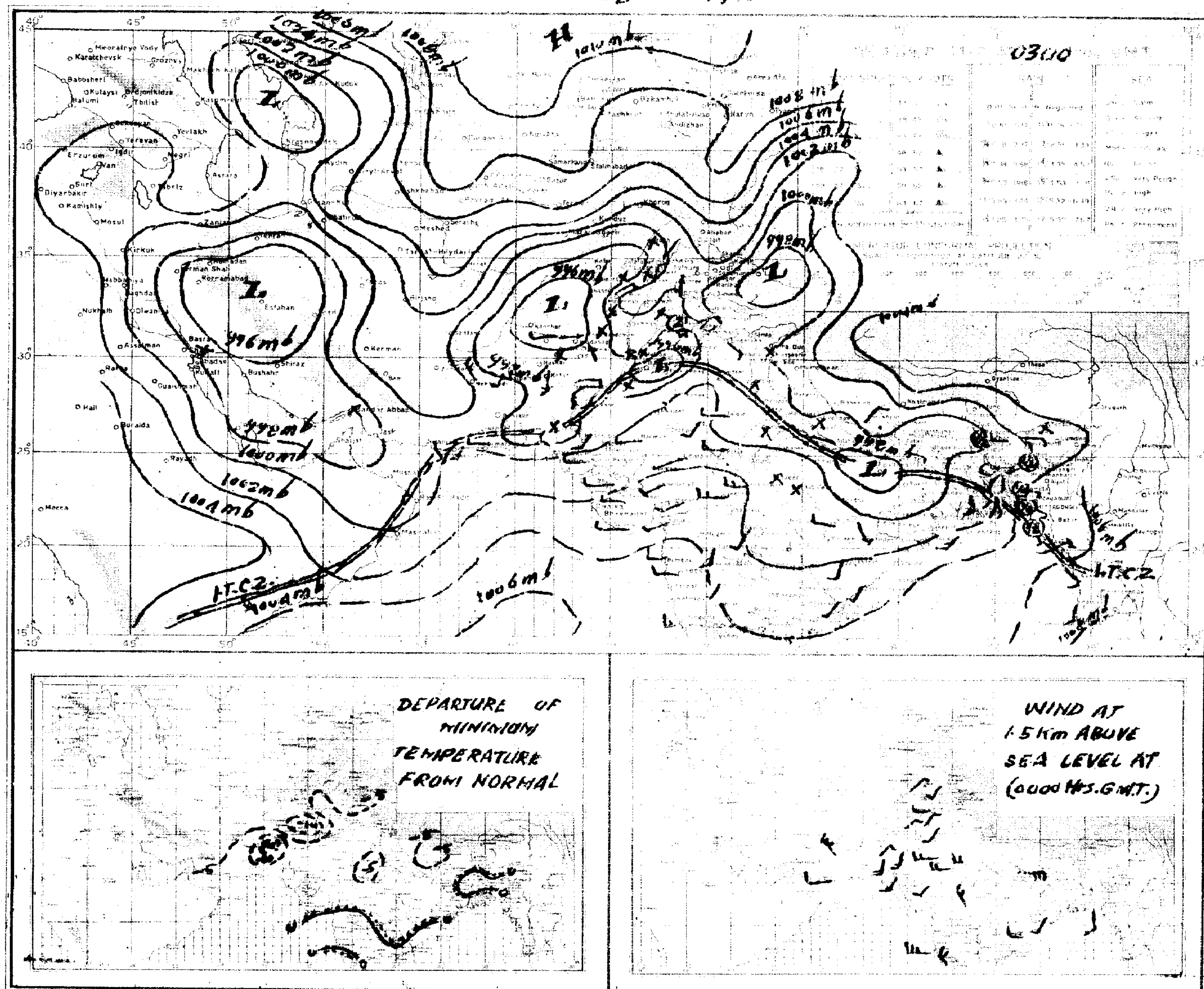
SUNDAY 4th JULY, 1971




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

MONDAY 5th JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**TUESDAY THE 6th JULY, 1971.**

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

Data scanty but apprently yesterday's well marked low over Bihar and Uttar Pradesh has moved further westnorthwestwards and now lies over Uttar Pradesh, northern Madhya Pradesh and adjoining Rajasthan.

Rain/thundershowers have been fairly widespread in Rajshahi and Khulna divisions and local elsewhere in East Pakistan.

The trough over Bahawalpur and Multan divisions has become unimportant.

The westerly trough over Punjab and adjoining Kashmir still persists.

Scattered thunderstorms have been reported from Malakand and Peshawar divisions.

Chief amounts of rainfall are Rangpur 1½", Barisal 1", Satkhira and Pabna ¾" each and Bogra ½".

Day temperatures were 8—15 °F (4—8 °C) below normal in Lahore, Rawalpindi, Sargodha, Quetta and Khairpur divisions and 3—7 °F (2—4 °C) so in Khulna, Multan, Malakand, Peshawar, D. I. Khan and Kalat divisions.

**Forecast valid until the evening of the 7th July, 1971 :-** Rain/thundershowers will be scattered in East Pakistan and Lahore and Rawalpindi divisions and in Kashmir. A few dust/ thunderstorms are also likely over Sargodha, Multan and D. I. Khan divisions. Weather will be mainly dry elsewhere over West Pakistan.

Karachi-32
The 6th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN.
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at + (Ws) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility + (VV) | Present weather + (ww) | Past weather + (W) | Sea level pressure (mbs. and tenths)* (PPP) | Dry Bulb temperature °C (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 (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at + (Ws) | Total Cloud amount (N) | Wind direction in tens of degree (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 (TnTn) | Departure from Normal of Maximum temperature (TxTx) | Departure from Normal of Minimum temperature (TnTn) | Rainfall Since 1st June, 1971 to-date | Rainfall Departure from normal | Rainfall Since 1st January, 1971 to-date | Rainfall Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | 000 | 0 | 7 | 13 | 03 | 96 | 02 | 0 | 032 | 81 | 6 | 4 | 4 | / | 0 | 72 | 83 | 015 | 0 | 7 | 00 | 03 | 98 | 02 | 2 | 063 | 83 | 5 | 7 | 5 | | | 77 | 74 | — | — | — | — | — | — |
| | Cox's Bazar | ... | 000 | 0 | 7 | 13 | 03 | 96 | 02 | 0 | 032 | 81 | 6 | 4 | 4 | / | 0 | 72 | 83 | 000 | 0 | 7 | 18 | 05 | 95 | 03 | 2 | 073 | 77 | 5 | 4 | 4 | 2 | 0 | 75 | 75 | — 3 | — 2 | 64.5 | +26.8 | — | 140 |
| | Chittagong | ... | 000 | 0 | 8 | 13 | 07 | 96 | 02 | 2 | 023 | 83 | 3 | 5 | 2 | 2 | / | 79 | 83 | 030 | 0 | 7 | 13 | 06 | 96 | 03 | 2 | 070 | 81 | 3 | 4 | 4 | 3 | 0 | 77 | 76 | — 3 | — 1 | 45.0 | +19.6 | — | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 030 | 4 | [illegible] | [illegible] | [illegible] | 95 | 01 | 6 | 066 | 77 | 5 | 2 | 5 | 2 | 5 | 75 | ... | — | — 1 | 30.4 | +05.8 | — | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 030 | 0 | 3 | 18 | 05 | 95 | 02 | 0 | 055 | 81 | 0 | 5 | 5 | 8 | 8 | / / | 77 | — | — 10 | 22.0 | + 0.5 | — | 94 |
| | Brahmanboria | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 78 |
| | Sylhet | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — |
| | Srimangal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 98 |
| Dacca | Mymensingh | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 |
| | Narayanganj | ... | 000 | 0 | 8 | 09 | 02 | 95 | 00 | 2 | 002 | / / | 2 | 5 | 5 | 1 | 8 | / / | / / | 003 | 3 | 8 | 18 | 02 | 96 | 02 | 6 | 051 | 83 | 8 | 6 | 3 | 1 | 1 | 79 | 73 | | 0 | — | — | — | 74 |
| | Dacca (Tejgaon) | ... | 000 | 0 | 8 | 16 | 03 | 97 | 02 | 2 | 019 | 83 | 2 | 5 | 4 | 2 | / | 78 | 83 | 000 | 0 | 8 | 18 | 02 | 97 | 02 | 2 | 059 | 81 | 7 | 5 | 9 | 3 | 1 | 75 | 62 | — | — | 14.0 | — | — | — |
| | Faridpur | ... | 003 | 5 | 8 | 18 | 09 | 97 | 02 | 6 | 033 | 84 | 6 | 5 | 5 | 1 | 0 | 79 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | — | — | — | — | 71 |
| Khulna | Barisal | ... | 000 | 0 | 7 | 18 | 09 | 97 | 02 | 6 | 012 | 82 | 4 | 4 | 4 | 2 | 0 | 80 | 86 | 102 | 0 | 6 | 18 | 05 | 97 | 02 | 6 | 060 | 83 | 4 | 6 | 3 | 3 | 0 | 75 | 75 | — 2 | — 4 | 22.0 | +12.6 | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 041 | 81 | 0 | 4 | 4 | 0 | 0 | 79 | 77 | — | — | 0.3 | —15.0 | — | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 | 0 | 8 | 18 | 05 | 97 | 03 | 2 | 051 | 79 | 4 | 4 | 9 | 0 | 0 | 79 | 75 | — | — | 18.3 | +03.3 | — | 65 |
| | Jessore | ... | 010 | 4 | 8 | 18 | 09 | 96 | 51 | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 013 | 5 | 7 | 18 | 04 | 96 | 03 | 5 | 051 | 81 | 5 | 6 | 4 | 7 | 0 | 77 | ... | — 1 | / / | 0.9 | —13.8 | — | 65 |
| Rajshahi | Pabna | ... | 000 | 0 | 7 | 15 | 05 | 97 | 01 | 2 | / / | 84 | 7 | 0 | 9 | 7 | 0 | 79 | 83 | 063 | 9 | 7 | 13 | 05 | 98 | 02 | 6 | ... | 23 | 4 | 6 | 6 | 2 | 0 | 79 | 79 | — | — | 0.6 | —14.0 | — | 59 |
| | Sirajganj | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 64 |
| | Rajshahi | ... | 000 | 0 | 6 | 10 | 02 | 96 | 02 | 0 | 993 | 84 | 4 | 2 | 5 | 3 | 0 | 79 | 85 | 000 | 0 | 7 | 13 | 07 | 96 | 2 | 0 | 043 | 83 | 4 | 2 | 4 | 3 | 0 | 79 | 79 | — | — | — | — | — | — |
| | Bogra | ... | 000 | 0 | 7 | 03 | 07 | 96 | 02 | 2 | 000 | 82 | 5 | 6 | 4 | 3 | 0 | 79 | 87 | 031 | 6 | 7 | 13 | 05 | 96 | 01 | 2 | 043 | 83 | 5 | 6 | 4 | 3 | 0 | 77 | 75 | — 2 | — 1 | — | — | — | 69 |
| | Dinajpur | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 72 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 166 | 9 | 7 | 09 | 02 | 96 | 01 | 6 | 006 | 81 | 7 | 5 | 6 | 0 | 0 | 81 | 75 | — | — 3 | 18.0 | —03.4 | — | 84 |
| Kashmir | Jammu | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | ... | 000 | 3 | 7 | 09 | 02 | 97 | 02 | 5 | 981 | 85 | 3 | 5 | 7 | 7 | / | 74 | 86 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 00 | 83 | 0 | 0 | 9 | 0 | 0 | 75 | 78 | — 21 | — 3 | 5.0 | + 2.6 | 7.3 | 19 |
| | Sialkot | ... | 000 | 0 | 8 | 09 | 03 | 98 | 02 | 2 | 991 | 83 | 0 | 0 | 9 | 2 | 1 | 74 | 85 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 009 | 90 | 0 | 0 | 9 | 0 | 0 | 74 | 75 | — 14 | — 6 | 10.7 | + 6.7 | 16.7 | 32 |
| Rawalpindi | Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 006 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 75 | — | — | 0.5 | — | 9.9 | — |
| | Islamabad | ... | 000 | 3 | 6 | 13 | 03 | 98 | 02 | 2 | 983 | 87 | 3 | 5 | 6 | 1 | 0 | 73 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Rawalpindi | ... | 000 | 0 | 1 | 13 | 09 | 97 | 01 | 1 | 976 | 87 | 1 | 1 | 6 | 0 | 0 | 70 | 69 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 995 | 2 | 0 | 0 | 9 | 0 | 0 | 72 | 72 | — | — | 1.04 | + 6.9 | 18.0 | 36 |
| | Campbellpur | ... | 000 | 0 | 2 | 13 | 10 | 98 | 00 | 0 | ... | 83 | 0 | 0 | 9 | 0 | 0 | 73 | ... | 000 | 0 | 0 | 01 | 00 | 97 | 00 | 0 | 111 | 83 | 0 | 0 | 9 | 0 | 0 | 66 | 76 | — | — | 0.7 | — | 0.9 | — |
| Sargodha | Khushab | ... | 000 | 0 | 6 | 05 | 03 | 97 | 03 | 2 | 966 | 91 | 2 | 5 | 9 | 4 | 0 | 72 | 93 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 003 | 85 | 0 | 0 | 9 | 0 | 0 | 78 | ... | — 13 | / / | 0.6 | — 1.3 | 2.7 | 15 |
| | Sargodha | ... | 000 | 0 | 7 | 04 | 07 | 97 | 03 | 1 | 962 | 88 | 2 | 5 | 6 | 3 | 0 | 75 | 93 | 000 | 0 | 0 | 21 | 03 | 97 | 02 | 0 | 003 | 83 | 0 | 0 | 9 | 0 | 0 | 76 | 77 | — | — | 1.9 | — | 6.0 | — |
| | Lyallpur | ... | 000 | 3 | 6 | 36 | 02 | 97 | 22 | 9 | 952 | 86 | 6 | 9 | 7 | 0 | 0 | 62 | 90 | 000 | 0 | 0 | 00 | 03 | 97 | 00 | 0 | ... | ... | 0 | 0 | 9 | 0 | 0 | 73 | 74 | — 10 | — 7 | 5.6 | + 3.9 | 8.8 | 12 |
| Multan | Sahiwal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 10 |
| | Multan | ... | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 964 | 98 | 0 | 0 | 9 | 0 | 0 | 64 | 00 | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 031 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 82 | — 5 | — 3 | 1.4 | + 0.5 | 1.9 | 7 |
| | Leiah | ... | 000 | 0 | 8 | 09 | 08 | 95 | 02 | 2 | 920 | 04 | 0 | 8 | 7 | 0 | 0 | 77 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Bahawalpur | Khanpur | ... | 000 | 0 | 0 | 00 | 03 | 96 | 05 | 0 | 969 | 97 | 0 | 0 | 9 | 0 | 0 | / / | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | 0.7 | 0.6 | 8 |
| | Bahawalpur | ... | 000 | 0 | 0 | 00 | 00 | 95 | 15 | 0 | 973 | 95 | 0 | 0 | 9 | 0 | 0 | 73 | 96 | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 036 | 87 | 0 | 0 | 9 | 0 | 2 | 76 | 79 | — | — | 0.0 | 0.6 | 0.3 | 6 |
| | Fort Abbas | ... | / / / | / | 0 | 05 | 04 | 96 | 10 | 2 | 977 | 96 | 0 | 0 | 9 | 0 | 0 | 82 | 97 | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 959 | 83 | 0 | 0 | 9 | 0 | 0 | 78 | 78 | — | — | — | — | — | 8 |
| Malakand | Chakdara | ... | 000 | 0 | 0 | 00 | 00 | 93 | 02 | 0 | / / / | 89 | 0 | 0 | 9 | 0 | 0 | 82 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 2.4 | — | 12.6 | — |
| Peshawar | Peshawar | ... | 000 | 1 | 6 | 23 | 05 | 96 | 17 | 9 | 947 | 97 | 5 | 9 | 6 | 3 | 0 | 59 | 98 | 002 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 003 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 75 | — 5 | — 5 | 0.2 | — 0.2 | 8.7 | 11 |
| | Kohat | ... | 000 | 0 | 0 | 23 | 03 | 96 | 00 | 0 | 973 | 90 | 0 | 0 | 9 | 0 | 0 | / / | 92 | 000 | 0 | 0 | 05 | 03 | 95 | 00 | 1 | 010 | 82 | 0 | 0 | 9 | 0 | 0 | 69 | 72 | — | — | 12.0 | — | 19.7 | — |
| D. I. Khan | Bannu | ... | 000 | 0 | 2 | 10 | 01 | 99 | 01 | 1 | 981 | 96 | 0 | 0 | 9 | 2 | 0 | 59 | 97 | 000 | 0 | 4 | 00 | 00 | 98 | 07 | 1 | 037 | 83 | 0 | 0 | 9 | 0 | 7 | 72 | 78 | — | — | 0.7 | — | 3.0 | 11 |
| | D. I. Khan | ... | 003 | 0 | 0 | 00 | 00 | 57 | 02 | 0 | 969 | / / | 0 | 0 | 9 | 0 | 0 | 72 | 03 | 000 | 0 | 0 | 09 | 02 | 96 | 05 | 0 | 005 | 96 | 0 | 0 | 9 | 0 | 0 | 80 | 81 | — 4 | — 2 | 0.0 | + 0.9 | 2.8 | 9 |
| Quetta | Sibi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 5 |
| | Nokkundi | ... | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 942 | 02 | 0 | 0 | 9 | 0 | 0 | 82 | 02 | 000 | 0 | 0 | 09 | 02 | 97 | 02 | 1 | 952 | 84 | 0 | 0 | 9 | 0 | 0 | 61 | 78 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — |
| | Jiwani | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 13 | 03 | 96 | 01 | 1 | 026 | 82 | 6 | 0 | 4 | 0 | 0 | 82 | / / | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | ... | 000 | 0 | 0 | 27 | 02 | 92 | 02 | 0 | / / / | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 03 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | / / / | 76 | 0 | 0 | 9 | 0 | 0 | 63 | / / / | — | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 27 | 09 | 96 | 02 | 0 | 023 | 83 | 1 | 6 | 6 | 0 | 0 | 74 | / / / | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela | ... | / / / | 0 | 1 | 25 | 17 | 96 | 07 | 0 | 977 | 86 | 1 | 1 | 6 | 0 | 0 | 69 | 88 | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 027 | 90 | 0 | 0 | 8 | 0 | 0 | 74 | 84 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 8 |
| | Karachi (Airport) | ... | 000 | 0 | 3 | 25 | 03 | 96 | 02 | 0 | 933 | 89 | 3 | 6 | 5 | 0 | 0 | 74 | 96 | 000 | 0 | 6 | 27 | 09 | 96 | 03 | 2 | 025 | 83 | 6 | 6 | 5 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — |
| | Chhor | ... | 000 | 0 | 0 | 23 | 07 | 96 | 05 | 0 | 958 | 86 | 0 | 0 | 9 | 0 | 0 | 69 | 96 | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 008 | 82 | 0 | 0 | 9 | 0 | 0 | 74 | 79 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | ... | 000 | 0 | 8 | 28 | 09 | 96 | 06 | 2 | 962 | 95 | 2 | 0 | 9 | 2 | 5 | 75 | / / | 000 | 0 | 3 | 23 | 03 | 97 | 03 | 0 | 013 | 85 | 0 | 0 | 9 | 0 | 8 | 74 | 82 | — | — 0 | 0.0 | — 0.7 | 0.7 | 9 |
| | Badin | ... | 000 | 0 | 1 | 23 | 09 | 96 | 01 | 0 | 983 | 95 | 1 | 6 | 5 | 0 | 0 | 72 | 98 | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 0 | 023 | 83 | 0 | 0 | 9 | 0 | 0 | 75 | 81 | — | — | 0.0 | — 1.9 | 0.0 | — |
| Khairpur | Padidan | ... | 000 | 0 | 7 | 05 | 02 | 96 | 05 | 2 | / / / | / / | 0 | 0 | 9 | 0 | 0 | 71 | 03 | 000 | 0 | 2 | 13 | 02 | 95 | 05 | 0 | 997 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 84 | — | — | 0.0 | — | 0.0 | — |
| | Nawabsh.h | ... | 000 | 0 | 2 | 00 | 00 | 96 | 05 | 0 | 957 | 02 | 2 | 2 | 4 | 0 | 0 | 75 | 05 | 000 | 0 | 0 | / / | 05 | 96 | 05 | 0 | 002 | 86 | 0 | 0 | 9 | 0 | 0 | 66 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 001 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 85 | — | — | 1.0 | — | 1.4 | — |
| | Kashmore | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 4 |
| | Jacobabad | ... | 000 | 0 | 0 | 13 | 05 | / / | / / | / | 953 | 00 | 0 | 0 | 9 | 0 | 0 | 69 | 01 | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 0 | 995 | 97 | 6 | 0 | 9 | 0 | 0 | 77 | 83 | — 9 | — 2 | 2.3 | + 1.0 | 2.4 | 20 |
| Junagadh | Veraval | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | ... | 000 | 0 | 6 | 27 | 05 | 97 | 02 | 1 | / / / | 67 | 6 | 5 | 4 | 0 | 0 | 64 | 71 | 000 | 0 | 0 | 27 | 05 | 98 | 00 | 1 | / / / | 66 | 0 | 0 | 9 | 0 | 0 | 53 | 51 | — 7 | / / | 20.2 | +14.3 | 28.3 | 29 |
| Malakand | Drosh * | ... | 001 | 1 | 7 | 23 | 05 | 97 | 95 | 9 | 400 | 69 | 6 | 9 | 6 | 6 | 0 | 62 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | | 9.9 | — | 9.5 | — |
| Peshawar | Cherat * | ... | 000 | 0 | 0 | 31 | / / / | 95 | 50 | 2 | / / / | 77 | 6 | 5 | 8 | 0 | 0 | 52 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | | 0.9 | — 0.4 | 0.5 | — |
| | Kohat * | ... | 000 | 0 | 0 | 31 | 05 | 98 | 01 | 1 | 421 | 80 | 2 | 0 | 9 | 3 | 0 | 57 | 82 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.4 | — | 32.0 | 29 |
| | Landikotal * | ... | 000 | 0 | 2 | 18 | 05 | 98 | 03 | 0 | 403 | 84 | 4 | 0 | 7 | 3 | 0 | 42 | 93 | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 443 | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 60 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * | ... | 000 | 4 | 2 | 02 | 03 | 97 | 29 | 9 | 420 | 80 | 2 | 2 | 6 | 0 | 0 | 42 | 82 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 454 | 72 | 0 | 0 | 9 | 0 | 0 | 48 | 63 | — 6 | — 3 | 1.6 | — | 9.2 | 11 |
| D. I. Khan | Miranshah * | ... | 000 | 0 | 0 | 05 | 05 | / / | / / | 1 | 361 | 91 | 0 | 0 | 9 | 0 | 0 | 74 | 93 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 329 | 79 | 0 | 0 | 9 | 0 | 0 | 70 | 73 | — | — | 0.0 | — 1.1 | 1.6 | 13 |
| | Wana * | ... | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 430 | 71 | 0 | 0 | 9 | 0 | 0 | 67 | 88 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 399 | 78 | 0 | 0 | 9 | 0 | 0 | 76 | 67 | — | — | 0.3 | — | 0.9 | — |
| Quetta | Fort Sandeman * | ... | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 336 | 92 | 0 | 0 | 9 | 0 | 0 | 82 | 92 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 440 | 78 | 0 | 0 | 9 | 0 | 0 | 67 | 76 | — 9 | + 2 | 2.9 | + 1.9 | 5.1 | 9 |
| | Hindubagh * | ... | 000 | 0 | 0 | 27 | 13 | 95 | 05 | 0 | / / / | 92 | 0 | 0 | 9 | 0 | 0 | / / | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 14 |
| | Barkhan * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 9 |
| | Harnai * | ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 306 | 92 | 0 | 0 | 9 | 0 | 0 | 72 | 94 | 003 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 414 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 80 | — | — | 0.0 | — 1.0 | 0.0 | 8 |
| | Samungli (Quetta) * | ... | 000 | 0 | 0 | 36 | 05 | 96 | 06 | 0 | 406 | 88 | 0 | 0 | 9 | 0 | 0 | 58 | 90 | 003 | 0 | 0 | 03 | 00 | 96 | 04 | 0 | 457 | 63 | 0 | 0 | 9 | 0 | 0 | 54 | 56 | — 4 | — 20 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman * | ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 436 | 93 | 0 | 0 | 9 | 0 | 0 | 73 | 92 | 000 | 0 | 0 | 27 | 03 | 93 | | | 471 | 83 | 0 | 0 | 9 | 0 | 0 | 36 | 72 | — 10 | — 4 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 27 | 05 | 95 | 06 | 0 | 485 | 84 | 0 | 0 | 9 | 0 | 0 | 31 | 77 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | ... | 000 | 0 | 0 | 23 | 02 | 95 | 06 | 0 | 425 | 99 | 0 | 0 | 9 | 0 | 0 | 68 | 00 | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 440 | 70 | 0 | 0 | 9 | 0 | 0 | / / | 65 | — 9 | — 7 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | ... | 000 | 0 | 0 | 36 | 01 | 94 | 00 | 2 | 386 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 86 | 000 | 0 | 0 | 09 | 02 | 94 | 00 | 2 | 443 | 70 | 0 | 0 | 9 | 0 | 0 | 45 | 69 | — 7 | — 13 | 0.0 | — 0.2 | 0.4 | — |
| | Khuzdar * | ... | 000 | 0 | 0 | 23 | 03 | 95 | 05 | 4 | 390 | 99 | 0 | 0 | 9 | 0 | 0 | 71 | 96 | 000 | 0 | 0 | 03 | 00 | 95 | 05 | 4 | 431 | 73 | 0 | 0 | 9 | 0 | 0 | 56 | 76 | — | — | 0.1 | — | 0.3 | 5 |
| | Panjgur * | ... | 000 | 0 | 0 | 30 | 17 | 97 | 02 | 0 | 421 | 95 | 0 | 0 | 9 | 0 | 0 | 82 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | | 0.0 | — | 0.0 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 6th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV w w W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T_t$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
| | | PoPoPoToToToDoDo | bhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 004 260 16 | 064 250 03 | 450 180 00 | 088 094 25 | 581 045 30 | 754 145 28 | 565 29/ // | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 003 258 12 | 039 254 18 | 430 184 07 | 090 106 13 | 581 051 06 | 753 145 57 | 956 281 // | 235 495 // | 419 599 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 988 290 36 | 582 /// // | 335 226 65 | 001 116 62 | 571 071 // | 273 151 // | 949 290 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 985 290 50 | 510 /// // | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 816 194 64 | ... | ... | 097 154 // | 578 117 // | 746 205 // | 958 245 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 978 280 30 | 506 /// // | 380 170 // | 017 050 // | 563 181 // | 727 245 // | 935 271 // | 208 315 // | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 584 000 12 | 215 483 // | ... | ... | ... | ... | ... | ... | ... | 228 065 65 | ... | ... |
| Dacca ... | 00 00 | 550 115 50 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 800 250 // | 614 000 // | 600 027 // | 350 211 // | 227 393 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 665 030 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 140 07 | 120 09 | 080 07 | 080 05 | 050 03 | 280 15 | 320 27 | 225 27 |
| Chhor ... | 235 07 | 240 03 | 240 03 | 040 05 | ... | 030 06 | ... | ... | ... |
| Chittagong ... | 165 13 | 175 17 | 165 15 | 165 12 | ... | 210 08 | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 165 13 | 170 17 | 190 15 | 200 17 | 200 17 | ... | ... | ... | ... |
| Dacca ... | 165 22 | 170 27 | 125 29 | 180 29 | 180 29 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 190 02 | 140 01 | 130 05 | 095 03 | 320 09 | 255 05 | 285 12 | 310 13 | 2.0 12 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 140 07 | 112 07 | 080 05 | 005 05 | 305 04 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 115 04 | 095 06 | 100 13 | 095 19 | 045 08 | 015 10 | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 230 18 | 253 70 | 310 01 | 360 02 | 015 04 | ... | ... | ... | ... |
| Khanpur ... | 180 05 | 180 05 | 180 03 | 075 05 | 010 05 | 350 05 | 315 09 | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 075 06 | 105 04 | 105 04 | 135 04 | ... | ... | ... | ... | ... |
| Multan ... | 155 07 | 150 04 | 120 04 | 040 04 | 340 08 | 345 12 | 315 15 | 280 19 | 275 22 |
| Nawabshah ... | 110 04 | 175 03 | 150 03 | 265 03 | 210 07 | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 315 02 | 340 02 | 355 12 | 335 16 | 315 26 |
| Sargodha ... | 045 06 | 120 09 | 085 08 | 005 07 | 020 07 | 025 07 | 315 16 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 125 06 | 100 04 | 085 06 | 055 09 | 330 15 |
| Chhor ... | 230 03 | 240 27 | 214 22 | 220 08 | 300 08 | 340 14 |
| Chittagong ... | 155 28 | 165 27 | 190 25 | ... | 200 15 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 170 18 | 170 24 | 185 21 | 200 24 | ... | ... |
| Dacca ... | 180 18 | 200 13 | 195 12 | ... | 175 11 | ... |
| Dalbandin ... | ... | ... | 55 05 | 270 08 | 75 09 | 285 10 |
| D. I. Khan ... | 115 06 | 205 04 | 230 06 | 270 07 | 280 06 | 295 13 |
| Drosh ... | ... | ... | ... | 065 01 | 020 04 | 030 05 |
| Fort Sandeman ... | ... | ... | ... | 040 08 | 050 03 | 260 10 |
| Gilgit ... | ... | ... | ... | 185 07 | 100 05 | 115 51 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 061 08 | 100 04 | 150 33 | 245 07 | 255 08 | 250 03 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 330 03 | 330 05 | 305 12 | 305 18 | 330 18 | 325 18 |
| Jiwani ... | 180 09 | 165 08 | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 165 07 | 205 09 | 225 06 | 270 06 | 325 09 | 310 07 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 270 03 | 275 05 | 300 03 | 025 04 | 010 11 | 015 23 |
| Multan ... | 200 03 | 250 04 | 275 07 | 315 09 | 325 09 | 330 10 |
| Nawabshah ... | 205 10 | 195 05 | 165 03 | 230 51 | 305 02 | 350 11 |
| Nokkundi ... | ... | | 325 16 | 310 07 | 190 02 | 350 01 |
| Panjgur ... | ... | ... | ... | 260 05 | 355 11 | 005 09 |
| Peshawar ... | ... | 315 03 | 350 05 | 330 05 | 325 09 | 315 11 |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 095 03 | 330 09 | 310 11 | 340 09 | 335 09 | 345 13 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 145 03 | 295 04 | 320 09 | 325 13 | 335 08 | 305 10 | 315 17 | 300 14 | 295 22 | 253 10 |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 160 01 | 185 07 | 215 07 | 180 03 | 200 07 | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 160 08 | 180 11 | 180 03 | 200 16 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 135 02 | 215 02 | 135 02 | 305 03 | 265 03 | 305 06 | 015 18 | ... | ... | ... | ... |
| Karachi ... | 260 09 | 300 10 | 310 09 | 025 04 | 010 06 | 020 06 | 345 04 | 160 04 | 205 04 | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 360 04 | 040 04 | 020 05 | 345 15 | 360 17 | 335 18 | 260 14 | 305 04 | ... | ... | ... |
| Multan ... | 145 03 | 160 07 | 175 03 | 170 05 | 190 03 | 290 10 | 315 11 | 320 12 | 320 15 | ... | ... |
| Nawabshah ... | 095 05 | 060 03 | 060 04 | 345 02 | 020 05 | 070 11 | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | // // | 310 05 | 050 07 | 315 06 | 010 19 | 010 12 | ... | ... |
| Sargodha ... | 200 01 | 330 03 | 350 06 | 350 06 | 310 11 | 315 13 | 350 17 | 200 11 | 290 15 | 255 21 | 250 39 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 275 12 | 270 17 | 270 15 | 270 11 | 270 08 | 035 14 | 045 17 | 020 15 | 095 08 | 160 04 | 095 20 | 140 07 | 120 24 | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

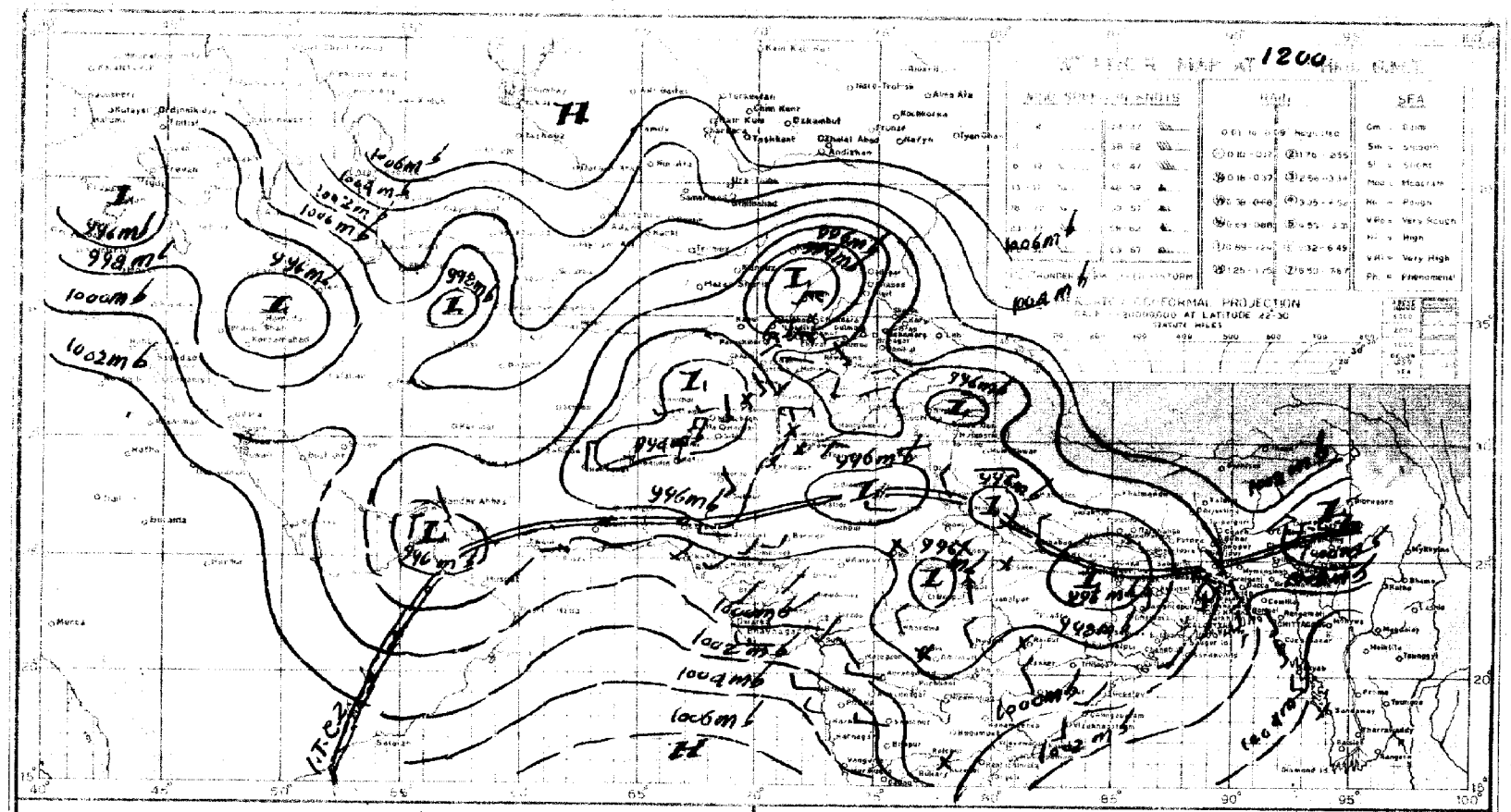
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

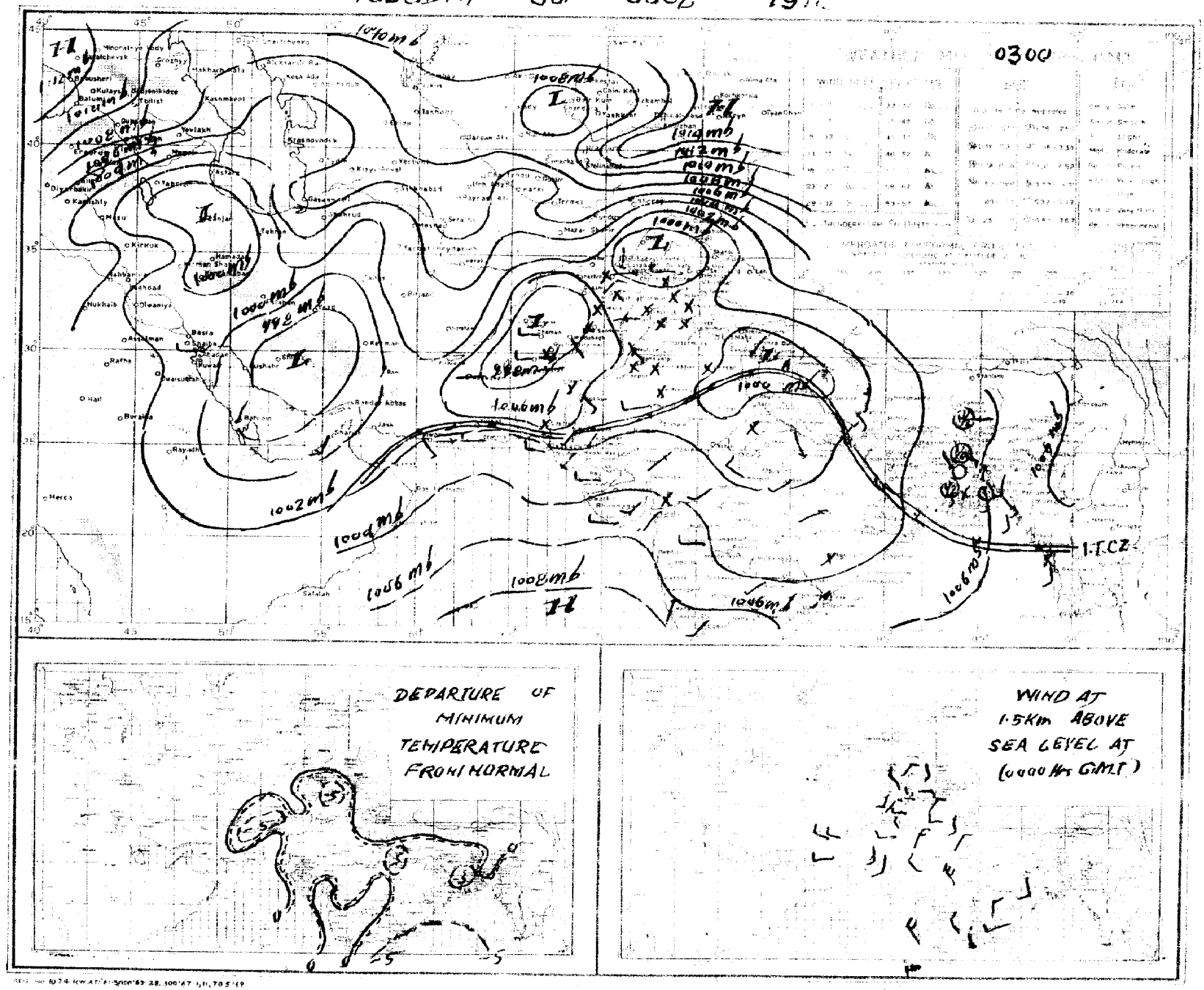
MONDAY 5th JULY, 1971




PRINTED AT THE SURVEY OF PAKISTAN OFFICES RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

TUESDAY 6th JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**WEDNESDAY THE 7th JULY, 1971.**

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

Yesterday's well marked low over Uttar Pradesh and north Madhya Pradesh persists.
A shallow low has developed over Bihar and adjoining Uttar Pradesh
Rain/thundershowers have been fairly widespread over Chittagong, Khulna and Dacca divisions and scattered elsewhere over East Pakistan.
Yesterday's westerly trough over Punjab and adjoining Kashmir is moving away northeastwards.
Weather remained dry over West Pakistan.
Chief amounts of rainfall are Comilla 1½", Sylhet, Satkhira and Rangpur ½" each, Hatia, Sandwip, and Dacca ¼" each.
Day temperatures were 3—7 °F (2—4 °C) above normal in Kalat and Hyderabad divisions and 3—5 °F (2—3 °C) below normal in Lahore, Rawalpindi, Sargodha, Multan, D. I. Khan, Quetta and Khairpur divisions.

**Forecast valid until the evening of the 8th July, 1971** :—Rain/thundershowers will be scattered over East Pakistan and Lahore, Sargodha and Rawalpindi divisions and Kashmir. Mainly dry weather likely to prevail elsewhere over the country.

Karachi-32
The 7th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN.
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (GL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total Cloud amount (N) | Wind direction in tens of degree (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 (TnTn) | Departure from Normal of Maximum temperature (TxTx) | Departure from Normal of Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 co-date | Departure from normal | Since 1st January, 1971 co-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati ... | 000 | 1 | 7 | 27 | 02 | 98 | 01 | 9 | 043 | 79 | 4 | 4 | 6 | 7 | 2 | 75 | 87 | 000 | 0 | 5 | 18 | 02 | 98 | 03 | 1 | 0 9 | 86 | 3 | 4 | 6 | 7 | 0 | // | 75 | — | — | | | | — |
| | Cox's Bazar ... | 025 | 8 | 7 | 18 | 06 | 97 | 02 | 2 | 035 | 83 | 5 | 4 | 4 | 3 | 0 | 75 | 99 | 001 | 9 | 7 | 00 | 03 | 96 | 03 | 0 | 044 | 82 | 6 | 4 | 4 | 4 | 0 | 75 | 77 | + 13 | 0 | | | | 140 |
| | Chittagong ... | 000 | 0 | 7 | 23 | 07 | 97 | 02 | 2 | 032 | 83 | 3 | 8 | 4 | 3 | 0 | 77 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | | | | 108 |
| | Maijdee Court ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 115 |
| | Comilla ... | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 040 | 85 | 7 | 7 | 9 | 0 | 8 | 86 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | | | | | 94 |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 |
| | Sylhet ... | 088 | 4 | 5 | 00 | 00 | 97 | 01 | 6 | 018 | 81 | 4 | 4 | 5 | 3 | 0 | 77 | 88 | 050 | 9 | 8 | 13 | 05 | 96 | 21 | 6 | /// | // | / | / | / | / | / | // | 76 | | | | | | — |
| | Srimangal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 |
| Dacca | Mymensingh ... | 000 | 0 | 4 | 13 | 02 | 97 | 01 | 1 | 019 | 87 | 4 | 5 | 6 | 0 | 0 | 80 | 93 | 015 | 0 | 4 | 13 | 04 | 97 | 01 | 1 | 037 | 84 | 4 | 5 | 5 | 0 | 0 | 79 | // | + 6 | — | | | | 91 |
| | Narayanganj ... | 000 | 0 | 4 | 09 | 02 | 95 | 02 | 2 | 017 | 85 | 4 | 3 | 4 | 1 | 1 | 77 | 84 | 045 | 0 | 8 | 23 | 02 | 97 | 02 | 2 | 025 | 80 | 8 | 6 | 3 | / | | 77 | // | — 4 | — | | | | 74 |
| | Dacca (Tejgaon) ... | 000 | 0 | 5 | 13 | 05 | 97 | 02 | 2 | 019 | 85 | 4 | 8 | 5 | 6 | 0 | 77 | 86 | 028 | 8 | 7 | 00 | 03 | 97 | 02 | 6 | 033 | 82 | 6 | 0 | 9 | 7 | 0 | 74 | 76 | — | — | | | | — |
| | Faridpur ... | 000 | 0 | 4 | 16 | 02 | 97 | 02 | 2 | 009 | 86 | 4 | 5 | 5 | 0 | 0 | 77 | 88 | 055 | 0 | 2 | 16 | 02 | 97 | 02 | 2 | 031 | 85 | 2 | 5 | 6 | 0 | 0 | 79 | // | — 2 | — | | | | 71 |
| Khulna | Barisal ... | 000 | 0 | 5 | 18 | 07 | 96 | 01 | 2 | 023 | 85 | 2 | 4 | 4 | 4 | 4 | 74 | 90 | 017 | 6 | 4 | 18 | 05 | 96 | 01 | 6 | 203 | 80 | 1 | 4 | 4 | 4 | 0 | 74 | 74 | + 2 | — 5 | | | | 81 |
| | Khulna ... | 000 | 0 | 6 | 13 | 03 | 97 | 02 | 0 | // | // | 3 | 3 | 5 | 0 | 0 | 87 | 90 | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 032 | 83 | 0 | 4 | 4 | 0 | 0 | 82 | // | — | — | | | | 68 |
| | Satkhira ... | 020 | 1 | 8 | 18 | 05 | 97 | 05 | 6 | 021 | 80 | 9 | 7 | 9 | 0 | 0 | 79 | 90 | 060 | 0 | 6 | 18 | 04 | // | // | / | 028 | 80 | 4 | 3 | 9 | 9 | 9 | 70 | 75 | — | — | | | | 65 |
| | Jessore ... | 022 | 4 | 7 | 13 | 03 | 96 | 51 | 6 | 014 | 80 | 6 | 7 | 4 | 2 | 0 | 77 | 87 | 022 | 0 | 6 | 13 | 09 | 96 | 01 | 2 | 025 | 82 | 6 | 6 | 4 | 3 | 0 | 74 | // | — 2 | — | | | | 65 |
| Rajshahi | Pabna ... | 000 | 0 | 4 | 13 | 05 | 98 | 01 | 2 | /// | 85 | 3 | 8 | 6 | 3 | 0 | 79 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | 59 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 |
| | Rajshahi ... | 000 | 0 | 6 | 13 | 02 | 96 | 02 | 0 | 002 | 83 | 3 | 2 | 4 | 3 | 0 | 79 | 83 | 000 | 0 | 7 | 13 | 02 | 96 | 02 | 0 | 025 | 85 | 5 | 4 | 4 | 3 | 0 | 79 | 79 | | | | | | — |
| | Bogra ... | 000 | 0 | 5 | 13 | 05 | 96 | 02 | 1 | 008 | 86 | 4 | 4 | 5 | 3 | 0 | 79 | 87 | 000 | 0 | 7 | 18 | 05 | 96 | 02 | 0 | 023 | 85 | 5 | 4 | 5 | 7 | 0 | 75 | 79 | — 2 | + 1 | | | | 63 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 |
| | Rangpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 040 | 6 | 3 | 09 | 02 | 96 | 01 | 6 | 015 | 82 | 3 | 0 | 9 | / | 0 | 80 | 78 | — | 0 | | | | 84 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 0 | 31 | 03 | 97 | 01 | 0 | 967 | 97 | 0 | 0 | 9 | 0 | 0 | 70 | 97 | 000 | 0 | 0 | 31 | 02 | 97 | 01 | 0 | 997 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 81 | — 4 | 0 | 5.0 | + 2.4 | 7.3 | 19 |
| | Sialkot ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 969 | 97 | 0 | 0 | 9 | 0 | 0 | 76 | 95 | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 0 | 903 | 86 | 0 | 0 | 9 | 0 | 0 | 77 | // | — 4 | — | 10.7 | +10.4 | 16.7 | 32 |
| Rawalpindi | Jhelum ... | 000 | 0 | 1 | 00 | 00 | 98 | 01 | 0 | 952 | 99 | 1 | 1 | 7 | 0 | 0 | 69 | 00 | 000 | 0 | 0 | 13 | 02 | 95 | 00 | 0 | 975 | 87 | 0 | 0 | 9 | 0 | 0 | // | 80 | — | — | 0.5 | — | 9.9 | — |
| | Islamabad ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi ... | 000 | 0 | 1 | 31 | 03 | 97 | 02 | 0 | 953 | 96 | 1 | 1 | 6 | 0 | 0 | 66 | 97 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 982 | 85 | 0 | 0 | 9 | 0 | 0 | 72 | 70 | + 2 | — 7 | 1.04 | + 6.7 | 17.9 | 36 |
| | Campbellpur ... | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | // | 01 | 0 | 0 | 9 | 0 | 0 | 55 | 01 | 000 | 0 | 0 | 13 | 05 | 97 | 00 | 0 | // | 91 | 0 | 0 | 9 | 0 | 0 | 91 | 83 | — | — | 0.7 | — | 0.9 | — |
| Sargodha | Khushab ... | 000 | 0 | 0 | 05 | 02 | 98 | 01 | 0 | 959 | 01 | 0 | 0 | 9 | 0 | 0 | 70 | 02 | 000 | 0 | 0 | 03 | 00 | 97 | 00 | 0 | 977 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | // | — 2 | — | 0.6 | — 1.4 | 2.7 | 15 |
| | Sargodha ... | 000 | 0 | 0 | 18 | 05 | 97 | 02 | 0 | 963 | 99 | 0 | 0 | 9 | 0 | 0 | 69 | // | 003 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 974 | 87 | 0 | 0 | 9 | 0 | 0 | 76 | 79 | — | — | 1.9 | — | 5.9 | — |
| | Lyallpur ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 973 | 93 | 0 | 0 | 9 | 0 | 0 | 60 | 96 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 985 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 81 | — 1 | — 2 | 5.6 | + 3.8 | 8.8 | 12 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan ... | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 1 | 960 | // | 1 | 1 | 7 | 0 | 1 | 69 | 00 | 000 | 0 | 0 | 09 | 03 | 97 | 02 | 0 | 959 | // | 0 | 0 | 9 | 0 | 0 | 73 | 86 | — 5 | — 1 | 1.4 | + 0.4 | 1.9 | 7 |
| | Leiah ... | 000 | 0 | 8 | 09 | 08 | 95 | 02 | 2 | 920 | 04 | 0 | 8 | 7 | 0 | 0 | 77 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Bahawalpur | Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 3 | 03 | 03 | 96 | 02 | 0 | 974 | 88 | 0 | 0 | 9 | 0 | 1 | 78 | 84 | | | 0.0 | | | 8 |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 975 | 02 | 0 | 0 | 9 | 0 | 0 | 62 | 03 | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 977 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 85 | — | — | 0.0 | — 0.8 | 0.6 | 6 |
| | Fort Abbas ... | 000 | 0 | 0 | 00 | 02 | 98 | 00 | 0 | 950 | 13 | 0 | 8 | 9 | 0 | 8 | // | // | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 959 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 80 | — | — | 0.0 | — 0.7 | 0.3 | 6 |
| M.Lakand | Chakdara ... | 000 | 0 | 1 | 27 | 05 | 97 | 00 | 0 | 994 | 59 | 1 | 1 | 7 | 0 | 0 | 53 | 96 | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 967 | 80 | 0 | 0 | 9 | 0 | 0 | 60 | 74 | — | — | 2.4 | — | 12.6 | 8 |
| Peshawar | Peshawar ... | 000 | 0 | 0 | 00 | 00 | 97 | 01 | 0 | 942 | 01 | 0 | 0 | 9 | 0 | 0 | 53 | 02 | 000 | 0 | 0 | 34 | 03 | 97 | 02 | 0 | 978 | 83 | 0 | 0 | 9 | 0 | 0 | 66 | 76 | — 1 | — 4 | 0.2 | — 0.2 | 8.7 | 11 |
| | Hoti pur ... | 000 | 0 | 0 | 23 | 05 | 98 | 00 | 0 | 975 | 91 | 0 | 0 | 9 | 0 | 0 | 66 | 93 | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 935 | 83 | 0 | 0 | 9 | 0 | 0 | 70 | 73 | — | — | 11.9 | — | 19.7 | — |
| D. I. Khan | Bannu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 99 | 07 | 1 | 978 | 85 | 0 | 0 | 9 | 0 | 7 | 72 | 82 | — | — | 0.6 | — | 2.9 | 11 |
| | D. I. Khan ... | 000 | 0 | 0 | 03 | 00 | 97 | 02 | 0 | 961 | 00 | 0 | 0 | 9 | 0 | 0 | 75 | 01 | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 972 | 89 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | — 4 | 0 | 0.0 | + 0.9 | 2.8 | 9 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Nokkundi ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 935 | 07 | 0 | 0 | 9 | 0 | 0 | 95 | 09 | 000 | 0 | 0 | 36 | 05 | 97 | 02 | 0 | 956 | 94 | 0 | 0 | 9 | 0 | 0 | 61 | 77 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat ... | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 036 | 04 | 0 | 0 | 9 | 0 | 0 | 76 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | — |
| | Jiwani ... | 000 | 0 | 0 | 18 | 12 | 96 | 02 | 0 | 009 | 86 | 0 | 0 | 9 | 0 | 0 | 74 | 80 | 000 | 0 | 6 | 18 | 02 | 96 | 02 | 1 | 013 | 80 | 6 | 6 | 4 | 0 | 0 | 74 | 77 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 6 |
| | Ormara ... | 000 | 0 | 1 | 27 | 17 | 96 | 01 | 2 | 994 | 86 | 0 | 6 | 6 | 0 | 0 | 77 | 88 | 000 | 0 | 5 | 23 | 10 | 96 | 03 | 0 | 998 | 82 | 2 | 1 | 6 | 3 | 1 | 73 | 99 | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela ... | 000 | 0 | 3 | 23 | 04 | 97 | 00 | 0 | 986 | 04 | 0 | 0 | 9 | 0 | 0 | 80 | 05 | 000 | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 017 | 82 | 0 | 0 | 9 | 0 | 0 | 75 | 79 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) ... | 000 | 0 | 4 | 25 | 10 | 96 | 03 | 0 | 007 | 85 | 4 | 6 | 4 | 0 | 0 | 66 | 87 | 000 | 0 | 0 | 27 | 10 | 98 | 02 | 0 | 00 85 | | 0 | 0 | 9 | 0 | 0 | 74 | 81 | — 5 | 0 | | | | 8 |
| | Karachi (Airport) ... | 000 | 0 | 1 | 25 | 12 | 96 | 03 | 0 | 003 | 87 | 1 | 6 | 5 | 0 | 0 | 75 | 91 | 000 | 0 | 0 | 27 | 05 | 98 | 02 | 0 | 008 | // | 0 | 0 | 9 | 0 | 0 | 74 | // | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor ... | | | | | | | | | | | | | | | | | | 000 | 0 | 5 | 23 | 05 | 97 | 02 | 1 | 995 | 83 | 5 | 2 | 6 | 0 | 0 | 76 | 78 | | | 0.0 | — | 0.0 | — |
| | Hyderabad ... | 000 | 0 | 0 | 18 | 04 | 96 | 06 | 1 | 982 | 97 | 0 | 0 | 9 | 0 | 8 | 71 | 03 | | | | | | | | | | | | | | | | | | + 3 | — | 0.0 | — 0.7 | 0.7 | 7 |
| | Badin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 011 | 82 | 1 | 1 | 6 | 0 | 2 | 74 | 79 | | | 0.0 | — 1.9 | 0.0 | 9 |
| Khairpur | Padidan ... | 000 | 0 | 3 | 23 | 03 | 95 | 05 | 0 | 970 | 04 | 1 | 4 | 6 | 0 | 1 | 68 | 06 | 000 | 0 | 4 | 18 | 05 | 95 | 05 | 0 | 972 | 85 | 0 | 0 | 9 | 0 | 3 | 72 | 80 | | | 0.0 | — | 0.0 | — |
| | Nawabshah ... | 000 | 0 | 0 | 13 | 03 | 96 | 05 | 0 | 979 | 03 | 0 | 0 | 9 | 0 | 0 | 73 | 05 | 000 | 0 | 4 | 18 | 10 | 97 | 02 | 0 | 981 | 87 | 0 | 0 | 9 | 0 | 2 | 73 | 80 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur ... | 000 | 0 | 6 | 23 | 02 | 96 | 03 | 0 | 972 | 08 | 6 | 0 | 9 | 9 | 0 | 75 | 01 | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 969 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 84 | | | 0.9 | — | 1.4 | — |
| | Kashmore ... | 000 | 0 | 0 | 23 | 02 | 98 | 03 | 0 | 958 | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 05 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 991 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 84 | | | 0.0 | — | 0.0 | 4 |
| | Jacobabad ... | 000 | 0 | 0 | 13 | 03 | 96 | 05 | 0 | 962 | 06 | 0 | 0 | 9 | 0 | 0 | 74 | 07 | 000 | 0 | 0 | 18 | 03 | 96 | 05 | 0 | 970 | 87 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | — 3 | — 2 | 2.3 | + 1.9 | 2.4 | 20 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Minagar *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Allabad *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit *** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * ... | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 53 | 85 | 000 | 0 | 0 | 31 | 05 | 98 | 00 | 1 | /// | 67 | 0 | 0 | 9 | 0 | 0 | 50 | 60 | + 7 | — 3 | 20.2 | +19.9 | 28.3 | 29 |
| Malakand | Drosh ** ... | 000 | 0 | 0 | 23 | 03 | 99 | 02 | 2 | 395 | 95 | 0 | 0 | 9 | 0 | 0 | 25 | 97 | 000 | 0 | 0 | 00 | 00 | // | 02 | 9 | 426 | 79 | 0 | 0 | 9 | 0 | 0 | 35 | // | + 1 | — | 0.9 | — | 9.5 | — |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 18 | 05 | 98 | 00 | 0 | 428 | 90 | 0 | 0 | 9 | 0 | 0 | 47 | 92 | 000 | 0 | 0 | 18 | 04 | 98 | 00 | 0 | 423 | 77 | 0 | 0 | 9 | 0 | 0 | 58 | 75 | + 2 | + 3 | 0.9 | — 0.5 | 0.5 | — |
| | Kohat * ... | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 0 | 426 | 80 | 0 | 0 | 9 | 0 | 0 | 49 | 85 | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 427 | 76 | 0 | 0 | 9 | 0 | 0 | 58 | 67 | — | — | 17.4 | — | 32.1 | 29 |
| | Landikotal * ... | 000 | 0 | 0 | 18 | 05 | 98 | 03 | 0 | 421 | 97 | 0 | 0 | 9 | 0 | 0 | 39 | 97 | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 434 | 86 | 0 | 0 | 9 | 0 | 0 | 51 | 70 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * ... | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 421 | 86 | 0 | 0 | 9 | 0 | 0 | 49 | 86 | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 430 | 77 | 0 | 0 | 9 | 0 | 0 | // | 63 | — 2 | — 3 | 1.6 | — | 9.2 | 11 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 376 | 95 | 0 | 0 | 9 | 0 | 0 | 65 | 96 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 409 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 74 | — | — | 0.0 | — 1.1 | 1.6 | 13 |
| | Wana * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 79 | 0 | 0 | 9 | 0 | 0 | 69 | 64 | | | 0.3 | — | 0.9 | — |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 401 | 95 | 0 | 0 | 9 | 0 | 0 | 69 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | — | 2.9 | + 1.9 | 5.1 | 9 |
| | Hindubagh * ... | 000 | 0 | 0 | 27 | 09 | 98 | 02 | 0 | /// | 92 | 0 | 0 | 9 | 0 | 0 | // | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.4 | — | 2.1 | — |
| | Loralai * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 14 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 9 |
| | Harnai * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 398 | 98 | 0 | 0 | 9 | 0 | 0 | 57 | 99 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.1 | 0.0 | 8 |
| | Samungli (Quetta) * ... | 000 | 0 | 1 | 27 | 09 | 97 | 02 | 0 | 420 | 92 | 0 | 1 | 6 | 0 | 0 | // | // | 000 | 0 | 1 | 11 | 02 | 96 | 04 | 0 | 430 | 69 | 0 | 0 | 9 | 0 | 0 | 54 | // | // | — | 0.4 | + 0.3 | 3.2 | — |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 97 | 00 | 0 | 444 | 97 | 0 | 0 | 9 | 0 | 0 | 42 | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | 0.0 | 0.0 | 1.3 | — |
| | Nushki * ... | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 478 | 01 | 0 | 0 | 9 | 0 | 0 | 41 | 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | | 1.1 | 4 |
| | Dalbandin * ... | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 440 | 04 | 0 | 0 | 9 | 0 | 0 | 39 | 05 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 417 | 79 | 0 | 0 | 9 | 0 | 0 | // | // | — 4 | — | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 05 | 02 | 94 | 00 | 2 | 395 | 82 | 0 | 0 | 9 | 0 | 0 | 59 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | 0.0 | — 0.3 | 0.4 | — |
| | Khuzdar * ... | 000 | 0 | 2 | 13 | 07 | 96 | 05 | 0 | 407 | 95 | 2 | 1 | 7 | 0 | 0 | 73 | 97 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 412 | 80 | 0 | 0 | 9 | 0 | 0 | 59 | 76 | — | — | 0.1 | — | 0.3 | 5 |
| | Panjgur * ... | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 432 | 00 | 0 | 0 | 8 | 0 | 0 | 84 | 01 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 428 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 72 | | — 4 | 0.0 | — | 0.0 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 7th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_sL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $O1_sT_sT_dT_d$ | $1T_wT_wT_{w_1}T_{w_1}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTT, DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 001 244 08 | 019 240 220 | 400 162 48 | 051 072 00 | 575 075 26 | 745 171 57 | 955 315 // | 230 507 // | 413 629 // | 654 759 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 98: 270 36 | ... | 360 196 6/ | 598 094 // | 566 073 // | 737 131 // | 95/ 281 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 983 315 90 | 005 002 // | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 815 214 67 | ... | ... | 093 162 // | 502 049 // | 754 137 // | 962 179 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtfcfcfc | PtPtPtTtTtTt | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdala ... | ... | 340 05 | 300 05 | 270 55 | 305 05 | 335 11 | 325 10 | 312 20 | 310 24 | ... | ... | ... | ... | ... | ... | ... | 165 01 | 225 05 | 200 09 | 300 09 | 360 10 | 325 10 | 240 09 | 325 13 | 325 13 | ... |
| Chhor ... | 205 07 | 205 08 | 185 11 | 160 15 | 155 13 | 205 02 | ... | ... | ... | 240 21 | 245 23 | 235 24 | 195 15 | 070 07 | 070 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 155 12 | 160 11 | 195 12 | 215 13 | 230 07 | 205 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Charat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 160 07 | 140 05 | 180 03 | 20: 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 10 | 200 12 | 210 12 | 220 03 | ... | 270 10 | ... | ... | ... | ... | ... |
| Dacca ... | 170 13 | 200 13 | 205 13 | 2.5 10 | 165 12 | 170 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 08 | 195 12 | 205 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| D. Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 05 | 250 10 | 261 2/ | 280 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 160 05 | 170 06 | 150 08 | 115 02 | 010 02 | 320 13 | 253 15 | 350 18 | 343 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 225 07 | 225 03 | 060 02 | 330 07 | 330 27 | 325 35 | ... | ... | ... | 175 01 | 270 01 | 315 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 15 | 195 19 | 175 05 | 210 06 | 100 7/ | ... | 190 03 | 210 07 | 210 11 | 220 12 | 280 06 | 290 08 | 345 19 | 360 15 | ... | ... | ... |
| Jassore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 185 08 | 220 06 | 245 03 | 010 03 | 340 04 | 250 7/ | 030 17 | 043 29 | 046 21 | ... | ... | ... | ... | ... | ... | 165 06 | 265 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 260 11 | 270 05 | 050 03 | 050 05 | 040 06 | 340 07 | 015 08 | 220 06 | 360 03 | ... | ... | ... | 290 17 | ... | 36 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 11 | 230 3/ | 215 13 | 200 13 | 245 09 | 305 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 205 06 | 235 06 | 025 06 | 330 56 | 360 04 | 360 09 | ... | 335 11 | 350 09 | ... | ... | ... | ... | ... | ... | 105 04 | 115 04 | 095 02 | 315 12 | 325 15 | 005 07 | 025 16 | 300 06 | 240 08 | ... | ... |
| Lahore ... | 020 01 | 100 02 | 110 03 | 150 06 | 185 10 | 235 10 | 340 23 | 325 36 | 140 17 | ... | ... | ... | ... | ... | ... | ... | ... | 160 11 | 180 10 | 145 04 | 040 05 | 010 19 | 000 79 | ... | ... | ... |
| Multan ... | 155 06 | 150 04 | 110 03 | 045 05 | 175 05 | 270 05 | ... | ... | ... | 235 10 | 240 // | 225 10 | 210 09 | 190 10 | 195 07 | 180 06 | 180 09 | 185 08 | 220 15 | ... | ... | ... | ... | ... | ... | ... |
| N.w.b Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 355 08 | 360 10 | 020 12 | 020 18 | ... | ... | ... | ... | 350 10 | 300 14 | 055 05 | 290 13 | 020 25 | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 14 | 265 10 | 340 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | 050 05 | 140 5/ | 175 06 | 230 06 | 315 11 | 340 17 | 325 20 | 325 31 | ... | ... | ... | ... | ... | ... | ... | 015 03 | 050 7/ | 335 05 | 315 11 | 310 10 | 340 12 | 330 13 | 335 17 | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | 320 08 | 305 18 | 250 06 | 070 09 | 025 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 170 04 | 205 02 | 265 03 | 325 08 | 340 13 | 320 15 | 350 18 | 335 17 | 325 17 | 120 03 | 215 06 | 250 07 | 205 05 | 010 03 | 355 00 | 235 03 | 200 03 | 200 03 | 180 04 | 270 13 | 270 08 | ... | 280 6/ | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Varavel ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

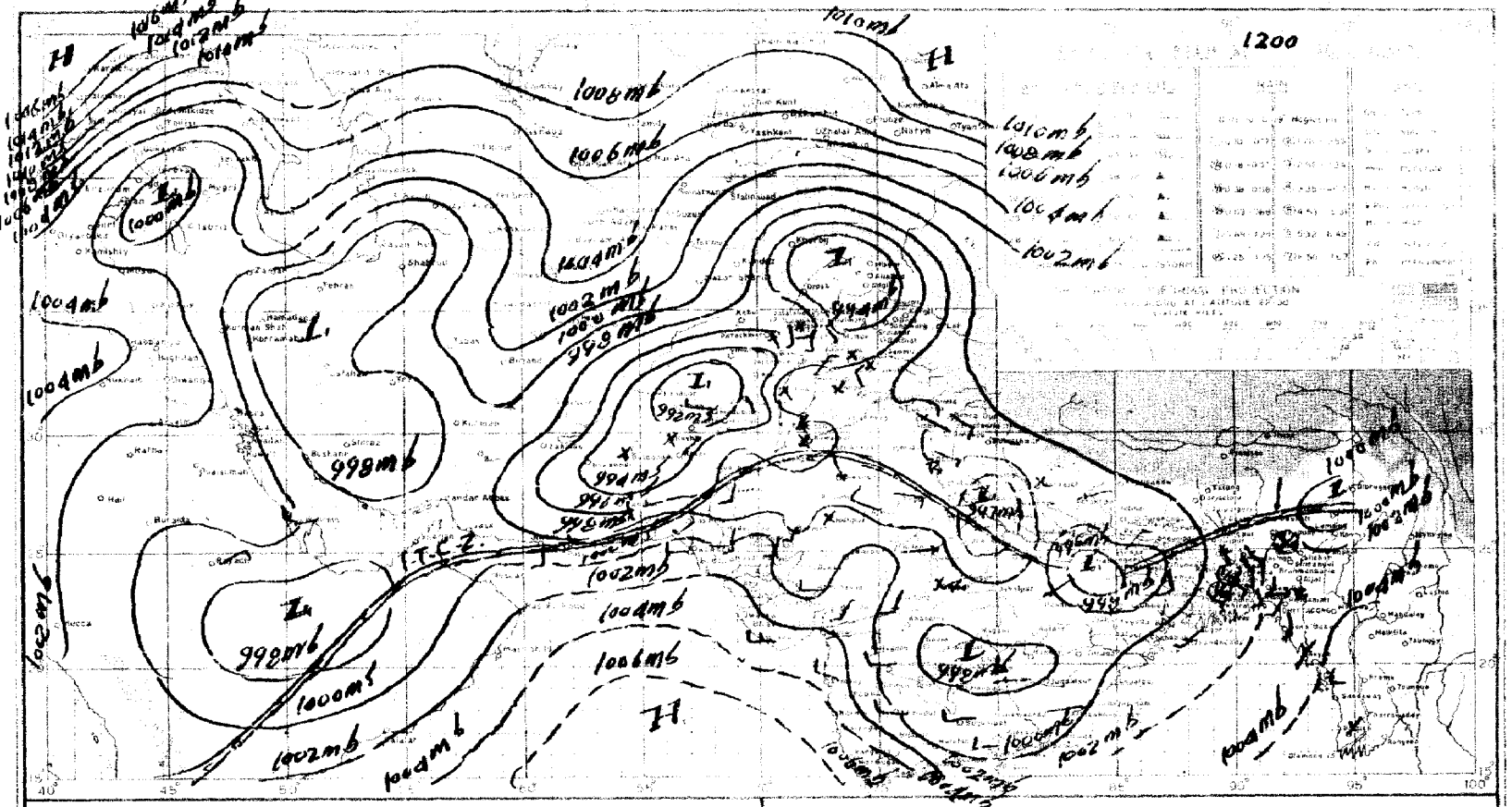
† The actual time of observations may vary within h If an hour of the specified time.

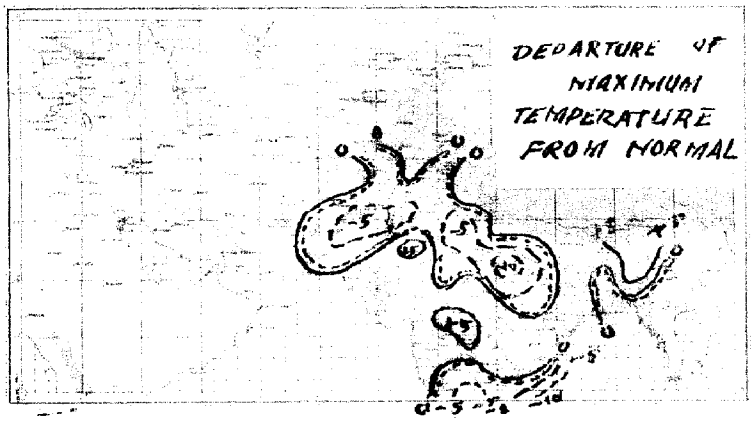
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

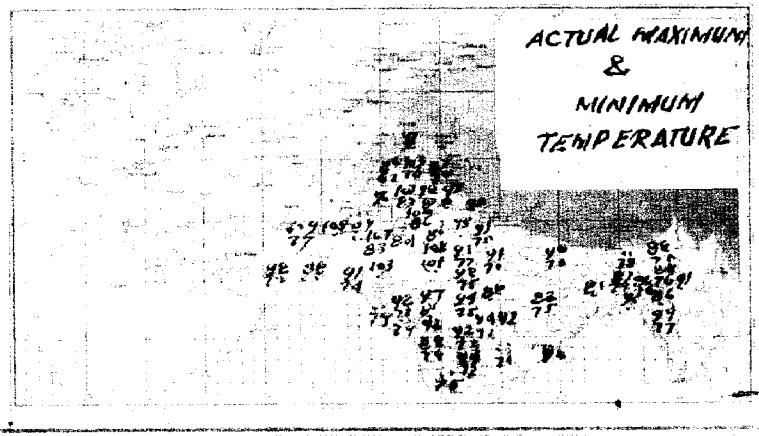
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi-32.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 6th JULY 1971

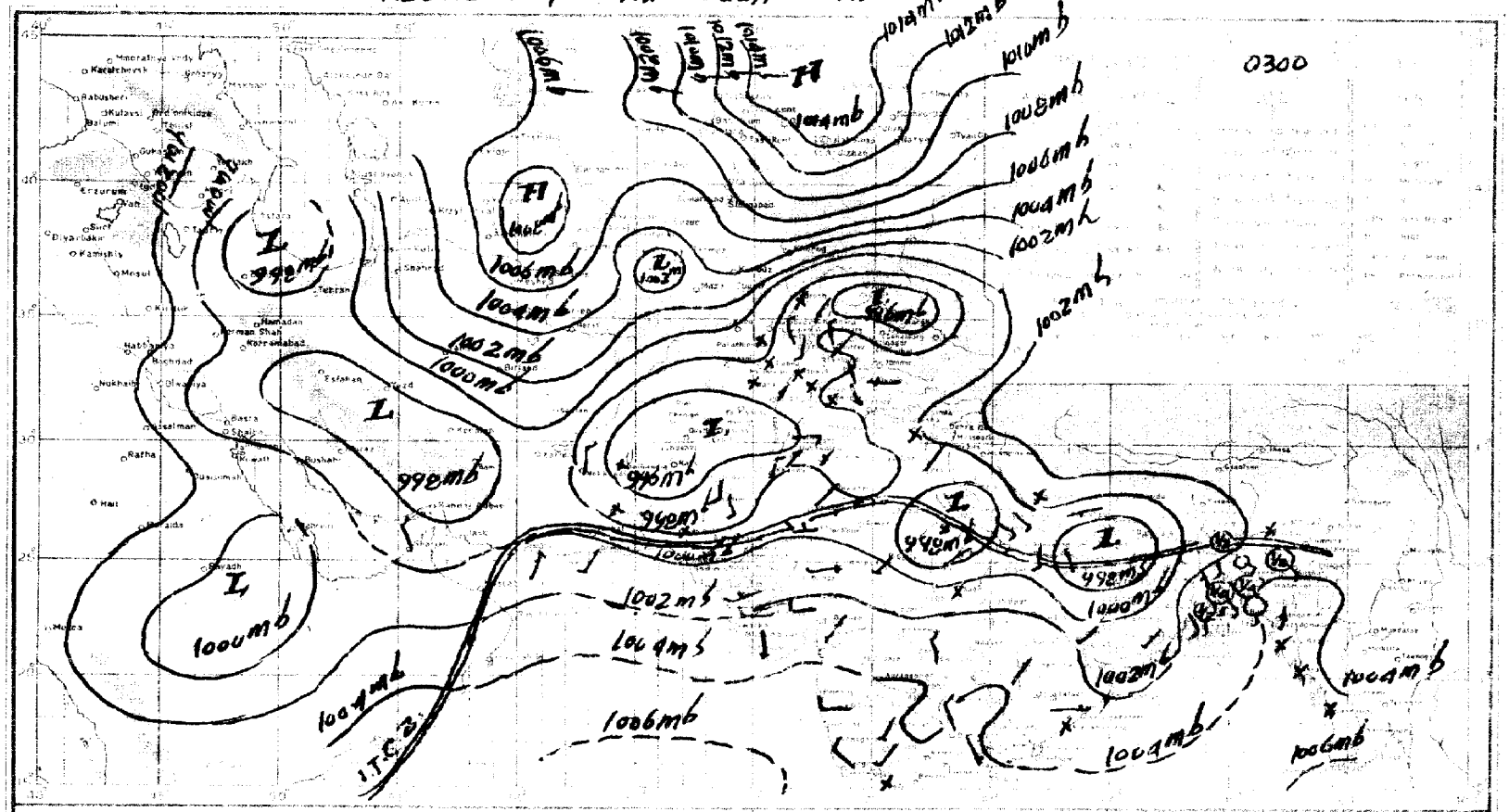


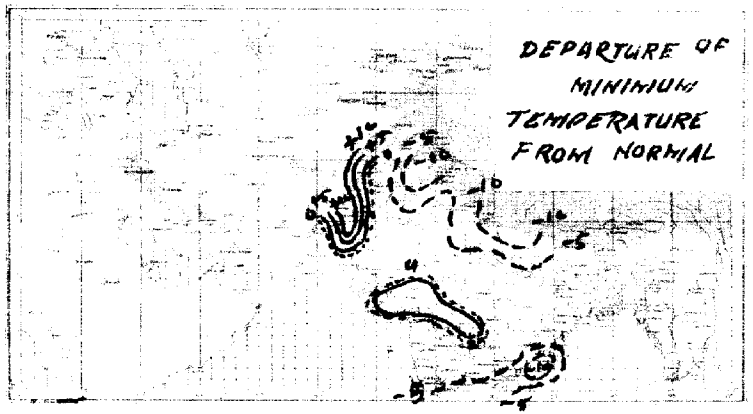



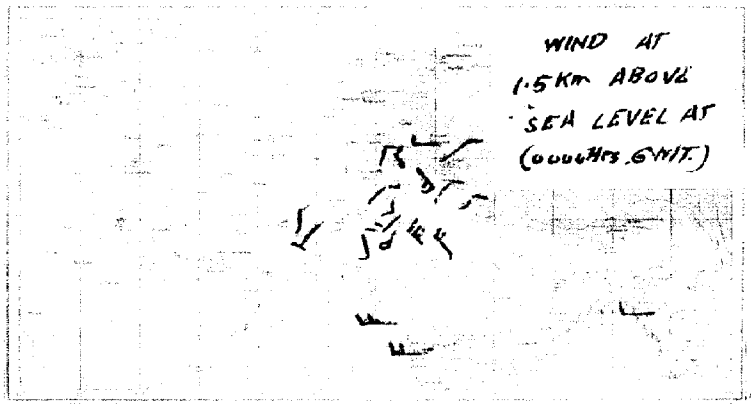



# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7TH JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**THURSDAY THE 8th JULY, 1971.**

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

Yesterday's low over Uttar Pradesh and north Madhya Pradesh has merged into the seasonal trough.
The shallow low over Bihar has slightly northwards.
Axis of the monsoon trough runs from northwest Rajasthan to north Assam.
Scattered rain/thundershowers have occurred in East Pakistan.
Yesterday's westerly trough over Punjab (India) and adjoining Kashmir has moved away northeastwards.
Incursion of moist easterlies is taking place into the northeastern divisions of West Pakistan.
Local rain/thundershowers have been reported from Lahore division.
Chief amounts of rainfall are Mymensingh and Pabna ½" each and Bhola and Sialkot ½" each.
Day temperatures were generally 3–6 °F (2–3 °C) above normal in Multan, Peshawar and Hyderabad divisions and to the same extent below normal in northern Dacca, Lahore and Sargodha divisions.

**Forecast valid until the evening of the 9th July. 1971 :**—Rain/thundershowers will be local in East Pakistan and in Lahore. Rawalpindi and Sargodha divisions and scattered in Multan and Peshawar divisions. Drizzle may also fall at a few places in coastal Kalat and Karachi divisions. Weather will remain dry elsewhere over the country.

Karachi-32
The 8th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths)* | Dry Bulb temperature °F | Amount of Lowest Cloud † | Low Cloud from † | 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 degree | Wind speed in Knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths)* | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of Maximum temperature | Departure from Normal of Minimum temperature | Rainfall Since 1st June, 1971 cents | Rainfall Departure from normal | Rainfall Since 1st January, 1971 to-date | Rainfall Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Ws | N | dd | ff | VV | ww | W | PPP | TT | Nh | GL | h | CM | CH | TdTd | TxTx | 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 | | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 6 | 18 | 05 | 97 | 02 | 1 | 020 | 82 | 3 | 4 | 6 | 7 | 4 | 80 | 88 | 000 | 0 | 7 | 13 | 05 | 97 | 03 | 2 | 029 | 84 | 5 | 4 | 4 | 3 | 0 | 75 | 84 | + 8 | + 7 | 64.5 | +24.3 | — | 140 |
| | Cox's Bazar | 000 | 0 | 8 | 22 | 09 | 96 | 02 | 2 | 014 | 83 | 5 | 5 | 4 | 4 | 0 | 75 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | — | 45.0 | +18.0 | — | 108 |
| | Chittagong | 001 | 1 | 7 | 27 | 08 | 96 | 60 | 6 | 015 | 79 | 5 | 5 | 7 | 2 | 0 | 77 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | 30.0 | +04.2 | — | 115 |
| | Maijdee Court | 009 | 9 | 4 | 18 | 09 | 97 | 01 | 2 | 004 | 84 | 2 | 2 | 5 | 2 | 0 | 79 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 94 |
| | Comilla | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 78 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 35.0 | — | — | — | — |
| | Sylhet | 019 | 5 | 8 | 00 | 00 | 97 | 02 | 6 | 995 | 85 | 5 | 4 | 5 | 3 | 0 | 73 | 85 | 091 | 9 | 8 | 18 | 05 | 96 | 02 | 6 | 013 | 83 | 6 | 7 | 4 | 2 | ... | 77 | 75 | — | — | — | — | — | — | 98 |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 4 | 13 | 02 | 97 | 01 | 1 | 996 | 88 | 4 | 5 | 5 | 0 | 8 | 80 | 94 | 040 | 0 | 6 | 00 | 02 | 97 | 01 | 2 | 87 | ... | ... | 4 | 4 | 8 | 2 | 79 | 79 | + 7 | + 1 | 76.4 | −04.2 | — | 91 |
| | Narayanganj | 012 | 4 | 5 | 18 | 02 | 95 | 02 | 6 | 991 | 84 | 3 | 6 | 6 | 3 | 1 | 79 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | 06.2 | −15.2 | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 18 | 05 | 97 | 02 | 2 | 991 | 85 | 4 | 8 | 4 | 0 | 1 | 79 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 14.2 | — | — | — | — |
| | Faridpur | 000 | 0 | 4 | 16 | 02 | 97 | 02 | 2 | 013 | 86 | 2 | 5 | 6 | 1 | 0 | 74 | 90 | 000 | 0 | 3 | 20 | 02 | 97 | 02 | 2 | 034 | 81 | 3 | 5 | 6 | 0 | 0 | 79 | 79 | + 2 | + 1 | 06.0 | −15.7 | — | 71 |
| Khulna | Barisal | 004 | 9 | 5 | 18 | 07 | 97 | 01 | 6 | 994 | 84 | 4 | 8 | 4 | 0 | 8 | 79 | 88 | 004 | 9 | 6 | 23 | 09 | 97 | 03 | 6 | 011 | 84 | 5 | 8 | 4 | 0 | 4 | 79 | 79 | — | — | 22.2 | +01.7 | — | 81 |
| | Khulna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — | 68 |
| | Satkhira | 010 | 2 | 6 | 18 | 04 | 97 | 02 | 6 | 990 | 80 | 4 | 3 | 5 | 2 | 2 | 80 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 18.4 | +02.7 | — | 65 |
| | Jessore | 000 | 0 | 6 | 18 | 09 | 96 | 01 | 2 | 988 | 84 | 2 | 8 | 6 | 5 | 1 | 76 | 90 | 000 | 0 | 5 | 23 | 07 | 96 | 03 | 1 | 005 | 84 | 5 | 6 | 4 | 0 | 0 | 79 | 79 | + 1 | 0 | 1.1 | −14.3 | — | 65 |
| Rajshahi | Pabna | 042 | 6 | 1 | 16 | 05 | 99 | 03 | 6 | /// | 82 | 1 | 3 | 6 | 0 | 0 | 75 | 90 | 042 | 0 | 4 | 16 | 05 | 99 | 03 | 1 | /// | 84 | 4 | 8 | 7 | 0 | 0 | 79 | 79 | — | — | 11.0 | −14.5 | — | 59 |
| | Rajshahi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 0.1 | — | — | — | 64 |
| | Sirajganj | 000 | 0 | 2 | 18 | 02 | 96 | 02 | 0 | /// | 86 | 0 | 0 | 9 | 3 | 0 | 79 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 69 |
| | Bogra | 000 | 0 | 5 | 18 | 05 | 96 | 01 | 2 | 970 | 86 | 2 | 6 | 5 | 7 | 0 | 76 | 88 | 000 | 0 | 7 | 13 | 05 | 96 | 02 | 0 | 005 | 84 | 5 | 6 | 4 | 3 | 0 | 77 | 83 | — 1 | + 5 | — | — | — | — | 72 |
| | Dinajpur | 000 | 0 | 2 | 18 | 02 | 96 | 01 | 1 | 980 | 86 | 1 | 2 | 6 | 1 | 0 | 80 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 16.5 | −04.5 | — | 84 |
| | Rangpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 13 | 02 | 97 | 01 | 1 | 953 | 95 | 3 | 1 | 7 | 0 | 0 | 74 | 97 | 000 | 0 | 3 | 13 | 05 | 97 | 03 | 0 | 980 | 86 | 2 | 2 | 6 | 3 | 0 | 77 | 80 | — 4 | — 1 | 5.0 | + 2.2 | 7.3 | 19 |
| | Sialkot | 000 | 0 | 2 | 00 | 00 | 93 | 01 | 1 | 952 | 94 | 1 | 4 | 7 | 4 | 0 | 78 | 95 | 031 | 4 | 5 | 00 | 00 | 98 | 01 | 6 | 991 | 84 | 1 | 5 | 6 | 7 | 0 | 76 | 76 | — 4 | — 5 | 11.0 | + 6.0 | 17.0 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 13 | 02 | 98 | 01 | 2 | 940 | 95 | 7 | 7 | 9 | 6 | 4 | 41 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.5 | — | 10.0 | — | — |
| | Islamabad | 000 | 0 | 2 | 36 | 03 | 96 | 06 | 0 | 925 | 96 | 2 | 1 | 6 | 0 | 0 | 74 | 98 | 000 | 0 | 2 | 12 | 02 | 97 | 02 | 0 | 983 | 83 | 1 | 8 | 5 | 6 | 3 | 72 | 74 | — | — | 1.04 | + 6.6 | 18.0 | 36 |
| | Rawalpindi | 000 | 0 | 0 | 09 | /// | 98 | 00 | 0 | /// | 04 | 0 | 0 | 9 | 0 | 0 | 94 | 05 | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | ... | 88 | 0 | 0 | 9 | 0 | 0 | 89 | 84 | — | — | 0.7 | — | 0.9 | — |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 930 | 02 | 0 | 0 | 9 | 0 | 0 | 70 | 03 | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 986 | 87 | 4 | 4 | 9 | 4 | 4 | 79 | /// | — 1 | — | 6.6 | — 1.5 | 2.7 | 15 |
| | Sargodha | 000 | 0 | 0 | 23 | 05 | 97 | 02 | 0 | 936 | 02 | 0 | 0 | 9 | 0 | 0 | 69 | 03 | 000 | 0 | 1 | 09 | 03 | 97 | 02 | 0 | 973 | 87 | 1 | 5 | 6 | 0 | 0 | 77 | 83 | — | — | 1.9 | — | 6.0 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 947 | 94 | 0 | 0 | 9 | 0 | 0 | 57 | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 5.6 | + 3.7 | 8.8 | 12 |
| Multan | Sahiwal | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 924 | 06 | 0 | 0 | 9 | 0 | 0 | 68 | 03 | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 958 | 91 | 0 | 0 | 9 | 0 | 0 | 70 | 88 | + 3 | + 3 | 1.4 | + 0.3 | 1.9 | 7 |
| | Multan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 10 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 922 | 09 | 0 | 0 | 9 | 0 | 0 | 54 | 03 | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 961 | 85 | 0 | 0 | 9 | 0 | 0 | 70 | 81 | — | — | 0.0 | — 0.9 | 0.6 | 6 |
| | Bahawalpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 6 |
| | Fort Abbas | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 920 | 15 | 0 | 0 | 9 | 0 | 0 | /// | 16 | /// | 0 | 0 | 23 | 04 | 98 | 00 | 0 | 959 | 83 | 0 | 0 | 9 | 0 | 0 | 75 | 81 | — | — | — | — | — | — | 8 |
| Malakand | Chakdara | 000 | 0 | 1 | 27 | 05 | 97 | 03 | 0 | 990 | 98 | 1 | 1 | 7 | 0 | 0 | 64 | 00 | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 0 | 959 | 80 | 0 | 0 | 9 | 0 | 0 | 67 | 75 | — | — | 2.4 | — | 12.6 | — |
| Peshawar | P.shawar | 000 | 0 | 1 | 05 | 03 | 97 | 02 | 0 | 909 | 01 | 1 | 1 | 7 | 0 | 0 | 59 | 02 | 000 | 0 | 0 | 36 | 05 | 96 | 05 | 0 | 965 | 88 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | — 1 | + 3 | 0.2 | — 0.3 | 8.7 | 11 |
| | H.ripur | 000 | 0 | 0 | 18 | 02 | 96 | 00 | 0 | 952 | 93 | 0 | 0 | 9 | 0 | 0 | 68 | 95 | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 973 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 79 | — | — | 12.0 | — | 19.7 | — |
| D.I.-Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 980 | 89 | 0 | 0 | 9 | 0 | 0 | 67 | 84 | — | — | — | — | — | — | 11 |
| | D.I. Khan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 0.0 | — | 0.2 | — |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 906 | 09 | 0 | 0 | 9 | 0 | 0 | 61 | 10 | 000 | 0 | 1 | 13 | 14 | 96 | 03 | 0 | 980 | 92 | 0 | 0 | 9 | 0 | 8 | 45 | 75 | — | — | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 02 | 98 | 00 | 0 | 012 | 06 | 0 | 0 | 9 | 0 | 0 | 75 | 06 | 000 | 0 | 0 | 25 | 02 | 98 | 00 | 0 | 053 | 81 | 0 | 0 | 9 | 0 | 0 | 74 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Jiwani | 000 | 0 | 4 | 18 | 14 | 96 | 02 | 1 | 981 | 86 | 1 | 5 | 5 | 0 | 2 | 74 | 87 | 000 | 0 | 6 | 13 | 05 | 96 | 02 | 1 | 992 | 82 | 6 | 6 | 4 | 0 | 0 | 73 | 78 | — | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Pasni | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 09 | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 65 | /// | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Ormara | 000 | 0 | 1 | 25 | 16 | 96 | 02 | 0 | 976 | 86 | 1 | 6 | 6 | 0 | 0 | 77 | 08 | 000 | 0 | 2 | 27 | 07 | 96 | 01 | 1 | 987 | 82 | 1 | 6 | 6 | 0 | 0 | 76 | /// | — | — | 0.0 | — | 0.0 | — |
| | Lasbela | 000 | 0 | 2 | 23 | 03 | 96 | 00 | 0 | 964 | 02 | 0 | 0 | 9 | 0 | 2 | 80 | 04 | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 987 | 81 | 0 | 0 | 9 | 0 | 0 | 75 | /// | — | — | — | — | — | 8 |
| Karachi division | Karachi (Manora) | 000 | 0 | 4 | 27 | 69 | 96 | 03 | 0 | 980 | 84 | 4 | 6 | 4 | 0 | 0 | 75 | 86 | 000 | 0 | 3 | 27 | 05 | 96 | 01 | 1 | 993 | 81 | 3 | 0 | 9 | 1 | 0 | 75 | 80 | — 4 | — 1 | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 3 | 27 | 12 | 96 | 01 | 1 | 983 | 87 | 3 | 6 | 5 | 0 | 0 | 72 | 89 | 000 | 0 | 7 | 27 | 05 | 96 | 03 | 1 | 994 | 82 | 5 | 8 | 4 | 0 | 0 | 79 | 81 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 7 |
| | Chhor | 000 | 0 | 0 | 23 | 10 | 96 | 02 | 0 | 952 | 98 | 0 | 0 | 9 | 0 | 0 | 71 | 99 | 000 | 0 | 3 | 23 | 10 | 96 | 03 | 0 | 980 | 82 | 3 | 5 | 6 | 0 | 0 | 73 | 78 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad | 000 | 0 | 3 | 23 | 09 | 97 | 02 | 1 | 958 | 97 | 0 | 0 | 9 | 0 | 1 | 71 | 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.8 | 0.7 | 9 |
| | Badin | 000 | 0 | 2 | 23 | 10 | 96 | 02 | 1 | 976 | 95 | 0 | 0 | 9 | 0 | 2 | 72 | 99 | 000 | 0 | 4 | 23 | 07 | 96 | 03 | 0 | 997 | 81 | 1 | 2 | 6 | 6 | 0 | 73 | 79 | — | — | 0.0 | — 2.0 | 0.0 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 939 | 04 | 0 | 0 | 9 | 0 | 1 | 57 | /// | 000 | 0 | 4 | 13 | 07 | 96 | 07 | 2 | 953 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 78 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 2 | 18 | 12 | 96 | 05 | 0 | 945 | 07 | 2 | 0 | 5 | 0 | 1 | 72 | 08 | 000 | 0 | 1 | 17 | 12 | 96 | 01 | 0 | 966 | 84 | 1 | 0 | 9 | 0 | 0 | 74 | 78 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 927 | 08 | 0 | 0 | 9 | 0 | 0 | 70 | 09 | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 956 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 80 | — | — | 0.9 | — | 1.3 | — |
| | Kashmore | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 933 | 09 | 0 | 0 | 9 | 0 | 0 | 69 | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 0 | 18 | 03 | 96 | 05 | 0 | 919 | 09 | 0 | 0 | 9 | 0 | 0 | 73 | 09 | 000 | 0 | 1 | 09 | 03 | 96 | 05 | 0 | 958 | 86 | 0 | 0 | 9 | 0 | 1 | 72 | 82 | — 1 | — 3 | 2.3 | + 1.9 | 2.4 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 68 | 95 | 000 | 2 | 8 | 02 | 05 | 96 | 30 | 4 | /// | 66 | 8 | 5 | 2 | 1 | 1 | 63 | 62 | | 17 | — 1 | 20.2 | +13.6 | 28.8 | 29 |
| Malakand | Drosh * | 000 | 0 | 0 | 23 | 09 | 99 | 02 | 0 | 356 | 00 | 0 | 0 | 9 | 0 | 0 | // | 03 | 000 | 0 | 0 | 00 | 00 | 99 | 02 | 0 | 422 | 80 | 0 | 0 | 9 | 0 | 0 | 53 | 73 | + 7 | + 1 | 0.9 | — | 9.5 | — |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 07 | 97 | 00 | 0 | 414 | 92 | 0 | 0 | 9 | 0 | 0 | 57 | 94 | 000 | 0 | 5 | 18 | 05 | 96 | 01 | 0 | 428 | 75 | 5 | 3 | 9 | 0 | 0 | 71 | 74 | + 2 | — 1 | 0.9 | — 0.7 | 0.5 | — |
| | Kakul * | 000 | 0 | 0 | 18 | 03 | 96 | 05 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 55 | 87 | 000 | 0 | 4 | 09 | 02 | 97 | 01 | 1 | 425 | 73 | 2 | 4 | 6 | 3 | 0 | 67 | 71 | — | — | 17.4 | — | 32.1 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 424 | 86 | 0 | 0 | 9 | 0 | 0 | 67 | 77 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 425 | 76 | 0 | 0 | 9 | 0 | 0 | 55 | 69 | | + 3 | 16.0 | — | 9.2 | 11 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 60 | 76 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 398 | 85 | 0 | 0 | 9 | 0 | 0 | 71 | 76 | — | — | 0.0 | — 1.2 | 1.6 | 13 |
| | Wana * | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 391 | 88 | 0 | 0 | 9 | 0 | 0 | 85 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.2 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 36 | 02 | 97 | 03 | 0 | 383 | 97 | 1 | 1 | 7 | 0 | 0 | 68 | 97 | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 405 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 76 | — 4 | + 2 | 2.9 | + 1.8 | 5.1 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 29 | 05 | 98 | 02 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | 79 | 98 | 000 | 0 | 0 | 11 | 02 | 98 | 02 | 0 | ... | 80 | 0 | 0 | 9 | 0 | 0 | 23 | 62 | — | — | 0.3 | — | 7.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | — | 9 |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 398 | 01 | 0 | 0 | 9 | 0 | 0 | 66 | 01 | 000 | 0 | 0 | 05 | 01 | 96 | 02 | 0 | 392 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 80 | | | 0.0 | — 1.1 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 27 | 07 | 98 | 02 | 0 | 389 | 95 | 0 | 0 | 9 | 0 | 0 | 59 | 96 | 000 | 0 | 1 | 00 | 00 | 96 | 04 | 0 | 412 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 60 | — 6 | — 8 | 0.4 | — 0.3 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 417 | 00 | 0 | 0 | 9 | 0 | 0 | 51 | 01 | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 474 | 78 | 0 | 0 | 9 | 0 | 0 | 33 | 74 | — 1 | — 2 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 95 | 06 | 0 | 449 | 03 | 0 | 0 | 9 | 0 | 0 | 45 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 410 | 06 | 0 | 0 | 9 | 0 | 0 | 49 | 06 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 395 | 78 | 0 | 0 | 9 | 0 | 0 | /// | 67 | — 1 | — 7 | 0.0 | — 0.0 | 0.1 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 27 | 02 | 94 | 02 | 0 | 360 | 89 | 0 | 0 | 9 | 0 | 0 | 57 | 92 | 000 | 0 | 0 | 18 | 00 | 94 | 02 | 2 | 396 | 77 | 0 | 0 | 9 | 0 | 0 | 43 | 76 | | — 20 | 0.2 | — 0.3 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 5 | 09 | 05 | 96 | 05 | 1 | 380 | 98 | 0 | 0 | 9 | 0 | 5 | // | 00 | 000 | 0 | 0 | 27 | 02 | 96 | 03 | 0 | 393 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 78 | 0 | — | 0.0 | — | 0.3 | 5 |
| | Panjgur * | 000 | 0 | 3 | 36 | 02 | 97 | 03 | 0 | 404 | 02 | 1 | 1 | 7 | 0 | 1 | 68 | 03 | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 406 | 79 | 0 | 0 | 9 | 0 | 2 | 67 | 74 | | — 2 | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 8th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_iL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | $VV_wwW$ | PPP TT | $N_hC_hhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $O1_sT_sT_cT_d$ | $1T_wT_wT_{wt}T_{wt}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTTs DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 959 266 14 | 529 /// // | 440 176 00 | 017 102 43 | 575 035 33 | 748 153 38 | 960 299 // | 226 499 // | 420 635 // | 662 751 // | ... | ... | ... |
| Dacca ... | 00 00 | 000 266 09 | 038 266 09 | 400 198 31 | 064 174 53 | 581 025 17 | 754 121 // | 968 263 // | 252 437 // | 410 569 // | 691 671 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 995 270 42 | 515 /// // | 400 178 66 | 045 120 54 | 578 045 // | 715 125 // | 965 267 // | 248 413 // | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 813 216 66 | ... | ... | 087 218 60 | 591 003 // | 768 047 // | 990 155 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 975 /// // | 350 /// // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTd DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | PtPtPtTtTtTt | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 540 000 32 | 082 765 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 445 000 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (dddff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (dddff) | | | | | | At 0600 hrs. G.M.T. † of date (dddff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 085 06 | 125 12 | 120 05 | 235 15 | 290 12 | ... | 160 05 | 170 03 | 235 05 | 260 07 | 260 04 | 285 09 | 295 13 | 240 15 | 290 19 | ... |
| Chhor ... | 225 19 | 230 23 | 235 20 | 240 15 | 270 08 | 330 08 | 020 09 | 335 11 | 325 23 | 250 31 | 250 34 | ... | 204 24 | 185 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 135 08 | 160 12 | 195 10 | ... | 215 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Charat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 190 13 | 195 14 | 205 23 | 235 12 | 250 06 | ... | ... | ... | ... | 160 10 | 165 11 | 185 09 | 251 3 | 240 13 | ... | 155 07 | 150 12 | 160 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 190 13 | 205 17 | 220 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dilbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 165 03 | 160 05 | 150 06 | 125 03 | 291 04 | 340 15 | 360 19 | 355 13 | 205 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 245 08 | 240 06 | 260 03 | 340 01 | 360 10 | 360 13 | ... | ... | ... | 110 11 | 215 07 | 160 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 045 10 | 045 01 | 095 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 01 | 180 02 | 280 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 215 07 | 205 07 | 200 04 | 045 03 | 030 04 | 310 07 | 335 19 | 340 25 | 240 08 | ... | ... | ... | ... | ... | ... | 145 07 | 120 07 | 120 06 | 185 09 | 190 15 | 225 15 | 355 07 | 055 22 | 010 17 | 040 17 | 020 17 |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 135 06 | 150 09 | 170 11 | 195 10 | 280 07 | 345 08 | 200 12 | 195 10 | ... | 135 04 | 135 12 | 150 13 | 180 07 | 275 03 | ... | 150 05 | 125 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 180 21 | 210 15 | 225 12 | 265 14 | 290 14 | 050 04 | 030 12 | 020 15 | 035 17 | ... | ... | ... | ... | ... | ... | 250 22 | 255 23 | 270 11 | ... | 270 12 | ... | ... | ... | ... | ... | ... |
| Karachi ... | 255 18 | 260 13 | 290 09 | 095 03 | 100 07 | 065 15 | 050 08 | 030 06 | 345 01 | 265 20 | 265 25 | 275 21 | 270 16 | 065 23 | 075 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 230 04 | 225 05 | 238 04 | 270 03 | 230 02 | 360 04 | 335 07 | 320 10 | 316 10 | 235 10 | 240 11 | 230 17 | 225 15 | 245 16 | 315 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 125 09 | 150 10 | 125 15 | 025 07 | 040 13 | ... | ... | ... | ... | ... | ... |
| Lahore ... | 075 05 | 100 04 | 110 04 | 145 04 | 170 03 | ... | ... | ... | ... | 137 07 | 153 13 | 130 13 | 095 08 | 060 06 | 015 09 | 210 09 | 185 05 | 165 09 | 125 15 | 100 17 | 050 11 | 015 19 | 010 19 | 050 17 | 055 18 | ... |
| Multan ... | 140 04 | 165 05 | 190 06 | 185 12 | 205 05 | 160 06 | 315 09 | 335 2 | 350 23 | 215 21 | 215 21 | 210 21 | 220 17 | 120 06 | 035 10 | 015 13 | 190 15 | 185 12 | 180 11 | 065 02 | 040 09 | 081 6/ | 255 08 | 235 05 | 080 17 | ... |
| Nawab Shah ... | 180 12 | 190 07 | 185 05 | 190 02 | 345 05 | 025 12 | 015 11 | 295 06 | 290 06 | ... | ... | 320 14 | 300 12 | 320 28 | 030 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 355 01 | 335 01 | 320 04 | 050 04 | 055 23 | 055 43 | ... | ... | ... | ... | 255 13 | 265 21 | 310 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 020 06 | 285 03 | 260 04 | 265 07 | 350 07 | 020 05 | 005 03 | 360 03 | ... | ... |
| Peshawar ... | ... | 335 04 | 035 03 | 050 04 | 120 05 | 210 07 | 270 13 | 335 11 | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | /// // | 325 09 | 300 02 | 025 12 | 033 32 | 030 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 155 08 | 190 08 | 195 09 | 240 05 | 330 10 | 340 11 | 025 06 | 345 12 | 345 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | 230 03 | 350 03 | 235 04 | 345 06 | 285 17 | 280 08 | 095 09 | 155 13 | 150 13 | 215 04 | 255 04 | 310 08 | 085 04 | 075 04 | 095 04 | ... | 135 04 | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Hiiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

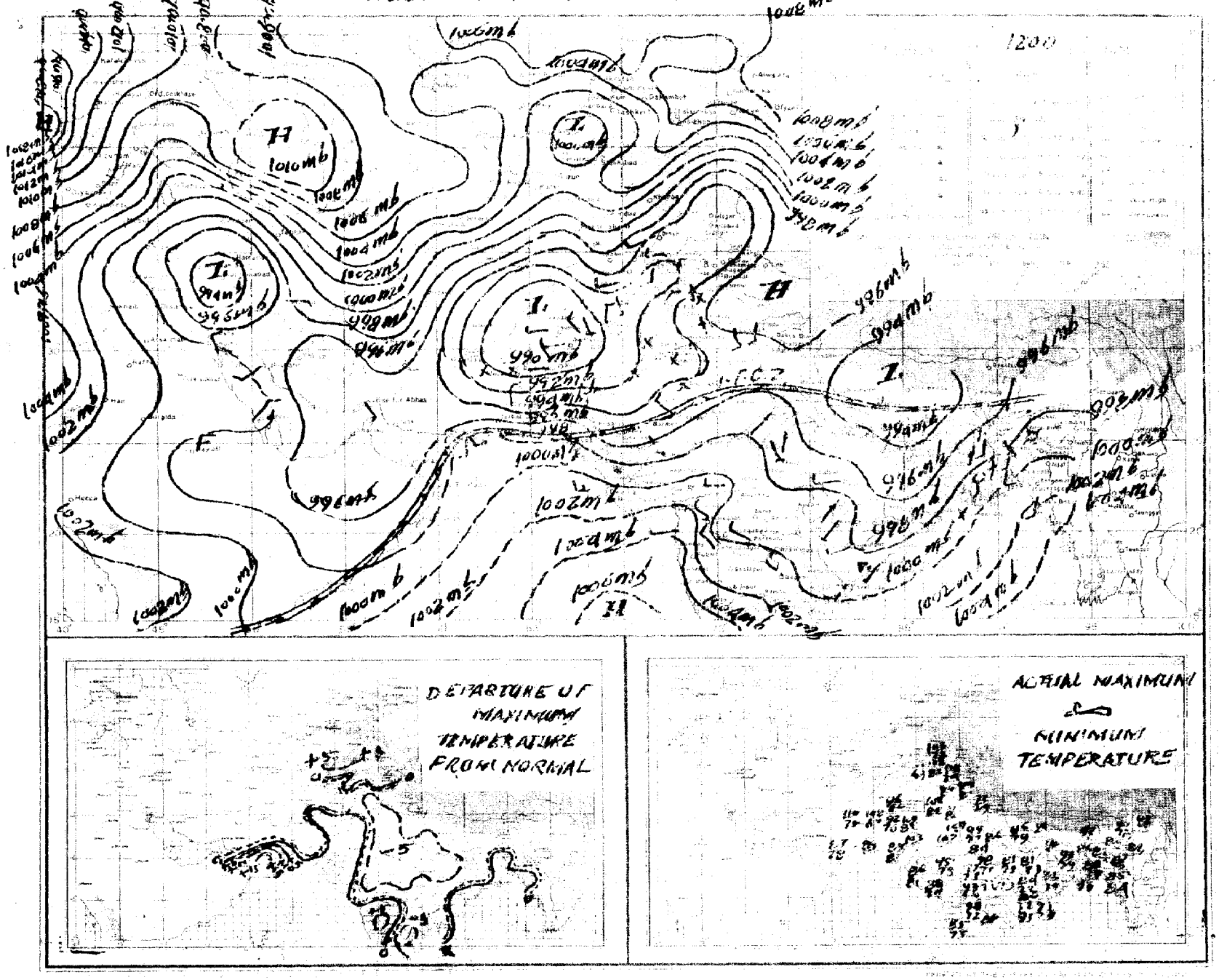
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

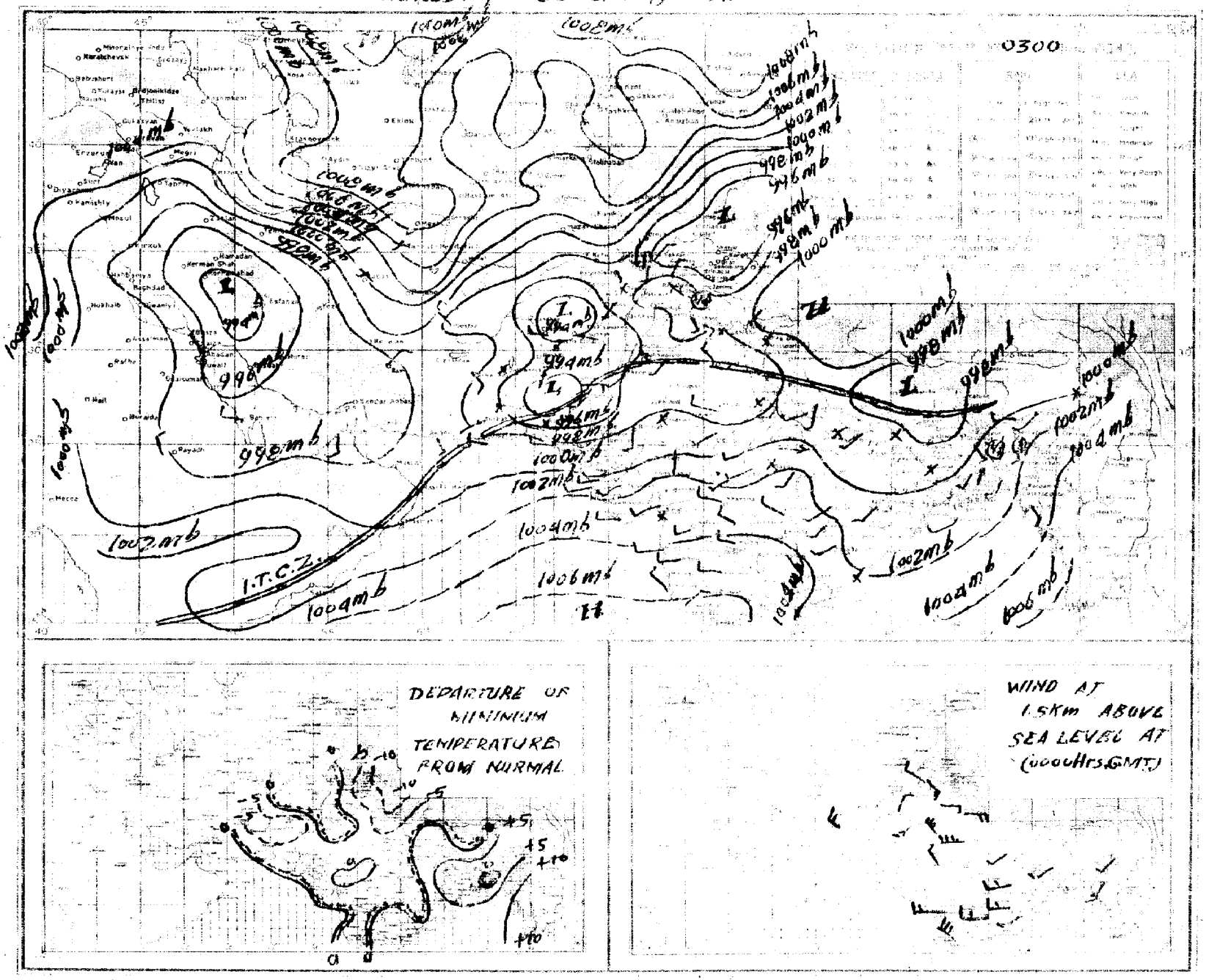
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 7th JULY, 1971



# PAKISTAN DAILY WEATHER MAP

THURSDAY 8th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**FRIDAY THE 9th JULY, 1971.**

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

Yesterday's low over north Bihar has become unimportant.
Axis of the monsoon trough runs from Multan division to north Bay of Bengal.
Rain/thundershowers have been local in Chittagong division and scattered in Khulna division.
Incursion of moist easterlies into northeastern divisions of West Pakistan continues.
Weather has remained dry over West Pakistan.

Chief amounts of rainfall are Sylhet 1", Chittagong ½" and Cox's Bazar and Barisal ¼" each.

Day temperatures were generally 3 - 6 °F (2 – 3 °C) above normal in southern districts of Dacca and Khulna divisions and in Malakand and D. I. Khan divisions and were to the same extent below normal in Lahore and Rawalpindi divisions.

**Forecast valid until the evening of the 10th July, 1971 :** – Rain/thundershowers will be local in southern districts and scattered elsewhere in East Pakistan. Scattered rain/thundershowers are also likely to occur in Lahore, Rawalpindi, Sargodha, Multan, Malakand, D. I. Khan and Peshawar divisions and in Kashmir. Weather will be dry elsewhere over West Pakistan.

**Earth Quake Report :** Sciesmographs of geophysical centre Quetta have recorded an earth quake of moderate intensity on 9th July 71 at 00 hours 18 minutes W.P.S.T. with its epicentre about 5300 miles southeast of Quetta near southern New Guinea.

Karachi-32
The 9th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † GL (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 | 4 | 18 | 07 | 97 | 02 | 2 | 998 | 84 | 4 | 4 | 4 | 0 | 0 | 77 | 86 |
| | Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Maijdee Court ... | | | | | | | | | | | | | | | | | |
| | Comilla ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | 014 | 7 | 5 | 00 | 00 | 96 | 01 | 6 | 975 | 84 | 3 | 3 | 6 | 3 | / | 79 | 86 |
| | Srimangal ... | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj ... | 000 | 0 | 5 | 23 | 02 | 95 | 02 | 2 | 981 | 88 | 3 | 6 | 6 | 3 | 1 | 77 | 87 |
| | Dacca (Tjegaon) ... | 000 | 0 | 3 | 18 | 05 | 97 | 02 | 2 | 978 | 84 | 1 | 3 | 5 | 4 | 3 | 83 | 8[illegible] |
| | Faridpur ... | 000 | 0 | 3 | 20 | 02 | 97 | 02 | 2 | 017 | 86 | 3 | 5 | 6 | 0 | 0 | 77 | 91 |
| Khulna | Barisal ... | 023 | 3 | 6 | 18 | 09 | 97 | 02 | 6 | 982 | 84 | 5 | 4 | 4 | 7 | 0 | 79 | 88 |
| | Khulna ... | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 011 | 90 | 0 | 2 | 9 | 0 | 0 | 84 | 81 |
| | Satkhira ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jessore ... | 000 | 0 | 5 | 18 | 07 | 96 | 02 | 2 | 979 | 90 | 6 | 6 | 4 | 0 | 0 | 79 | // |
| Rajshahi | Pabna ... | 000 | 0 | 1 | 16 | 05 | 99 | 01 | 1 | /// | 88 | 1 | 2 | 7 | 0 | 0 | 79 | 92 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | | | | | | | | | | | | | | | | | |
| | Bogra ... | 000 | 0 | 4 | 13 | 08 | 96 | 02 | 2 | 965 | 90 | 4 | 6 | 4 | 0 | 0 | 81 | 91 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | 000 | 0 | 2 | 18 | 02 | 96 | 01 | 1 | 963 | 86 | 2 | 0 | 9 | 1 | 0 | 83 | 92 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 4 | 00 | 03 | 97 | 02 | 1 | 941 | 96 | 4 | 1 | 7 | 0 | 0 | 75 | 97 |
| | Sialkot ... | 000 | 0 | 2 | 27 | 02 | 98 | 02 | 1 | 953 | 95 | 2 | 4 | 6 | 0 | 0 | 77 | 95 |
| Rawalpindi | Jhelum ... | 000 | 0 | 2 | 13 | 02 | 97 | 01 | 1 | 938 | 97 | 1 | 1 | 6 | 3 | 0 | 75 | 98 |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 000 | 0 | 2 | 23 | 0/ | 97 | 02 | 0 | 933 | 95 | 1 | 2 | 6 | 3 | 0 | 74 | 97 |
| | Campbellpur ... | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | /// | 03 | 0 | 0 | 9 | 0 | 0 | 69 | 05 |
| Sargodha | Khushab ... | 000 | 0 | 0 | 03 | 03 | 9[illegible] | 03 | 0 | 912 | 02 | 0 | 0 | 9 | 0 | 0 | 72 | 04 |
| | Sargodha ... | 000 | 0 | 1 | 13 | 03 | 97 | 02 | 0 | 940 | 00 | 1 | 5 | 6 | 0 | 0 | 77 | 01 |
| | Lyallpur ... | 000 | 0 | 0 | 07 | 02 | 97 | 00 | 0 | 941 | 93 | 0 | 0 | 9 | 0 | 0 | 59 | 01 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 930 | 06 | 0 | 0 | 9 | 0 | 0 | 67 | 07 |
| | Leiah ... | 000 | 0 | 8 | 09 | 0[illegible] | 95 | 62 | 2 | 923 | 04 | 0 | 8 | 7 | 0 | 0 | 77 | 04 |
| Bahawalpur | Khanpur ... | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 932 | 07 | 0 | 0 | 9 | 0 | 0 | 59 | 08 |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 946 | 04 | 0 | 0 | 9 | 0 | 0 | 70 | 06 |
| | Fort Abbas ... | 000 | 0 | 0 | 03 | 00 | 96 | 0 | 0 | 920 | 15 | 0 | 0 | 9 | 0 | 0 | 99 | 16 |
| Malakand | Chakdara ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar ... | 000 | 0 | 1 | 36 | 02 | 97 | 02 | 0 | 914 | 01 | 1 | 1 | 6 | 0 | 0 | 70 | 03 |
| | Haripur ... | 000 | 4 | 4 | 23 | 03 | 96 | 01 | 1 | 943 | 95 | 4 | 0 | 9 | 7 | 0 | 71 | 93 |
| D. I. Khan | Bannu ... | 000 | 0 | 0 | 16 | 02 | 99 | 00 | 0 | 942 | 02 | 0 | 0 | 9 | 0 | 0 | 64 | 04 |
| | D. I. Khan ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 927 | 05 | 0 | 0 | 9 | 0 | 0 | 69 | 08 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 000 | 0 | 0 | 00 | 03 | 96 | 62 | 0 | 677 | 10 | 0 | 0 | 9 | 0 | 0 | 57 | // |
| Kalat | Turbat ... | 000 | 0 | 0 | 13 | 0/ | 98 | 03 | 0 | 012 | 96 | 0 | 0 | 9 | 0 | 0 | 82 | 96 |
| | Jiwani ... | 000 | 0 | 0 | 18 | 12 | 96 | 02 | 2 | 974 | 84 | 6 | 6 | 4 | 0 | 0 | 74 | 84 |
| | Pasni ... | 000 | 0 | 0 | 27 | // | [illegible]2 | 02 | 0 | /// | 79 | 0 | 0 | 9 | 0 | 0 | 69 | 05 |
| | Ormara ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Lasbela ... | /// | 0 | 3 | 13 | 04 | 96 | 00 | 0 | 967 | 99 | 0 | 0 | 8 | 0 | 0 | 80 | 00 |
| Karachi division | Karachi (Manora) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) ... | 000 | 0 | 6 | 27 | 12 | 96 | 03 | 2 | 985 | 86 | 6 | 6 | 5 | 0 | 0 | 73 | 90 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad ... | 000 | 0 | 2 | 23 | 01 | 96 | 06 | 0 | 965 | 94 | 0 | 0 | 9 | 0 | 1 | 76 | 00 |
| | Badin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khairpur | Padidan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nawabshah ... | 000 | 0 | 0 | 18 | 14 | 96 | 02 | 0 | 946 | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 09 |
| | Sukkur ... | 000 | 0 | 0 | 20 | 05 | [illegible]6 | 02 | 0 | 925 | 08 | 0 | 0 | 9 | 0 | 0 | 60 | 09 |
| | Kashmore ... | | | | | | | | | | | | | | | | | |
| | Jacobabad ... | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 924 | 03 | 0 | 0 | 9 | 0 | 0 | 67 | 09 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Drosh * ... | 000 | 0 | 0 | 23 | 10 | 99 | 02 | 0 | 361 | 00 | 0 | 0 | 9 | 0 | 0 | // | 04 |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 18 | 06 | 98 | 00 | 1 | 407 | 91 | 0 | 0 | 9 | 0 | 0 | 66 | 92 |
| | Kakul * ... | 000 | 0 | 2 | 23 | 09 | 96 | 01 | 1 | 405 | 83 | 2 | 3 | 6 | 0 | 0 | 71 | 86 |
| | Landikotal * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 409 | 05 | 0 | 0 | 9 | 0 | 0 | 64 | 98 |
| | Parachinar * ... | 000 | 0 | 3 | 13 | 05 | 97 | 03 | 0 | 402 | // | 3 | 2 | 6 | 0 | 0 | 51 | 89 |
| D.I. Khan | Miranshah * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Wana * ... | 000 | 0 | 0 | 13 | 04 | 98 | 00 | 0 | 391 | 88 | 0 | 0 | 9 | 0 | 0 | 85 | 95 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 4 | 13 | 05 | 96 | 05 | 0 | 379 | 94 | 1 | 1 | 7 | 0 | 0 | 44 | 99 |
| | Hindubagh * ... | 000 | 0 | 0 | 25 | 05 | 98 | 02 | 0 | /// | 95 | 0 | 0 | 9 | 0 | 0 | 48 | 99 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 398 | 01 | 0 | 0 | 9 | 0 | 0 | 75 | 02 |
| | Samungli (Quetta) * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 413 | 02 | 0 | 0 | 9 | 0 | 0 | 65 | 03 |
| | Nushki * ... | 000 | 0 | 0 | 23 | 03 | 95 | 06 | 0 | 462 | 06 | 0 | 0 | 9 | 0 | 0 | 45 | 08 |
| | Dalbandin * ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 498 | 07 | 0 | 0 | 9 | 0 | 0 | 97 | 09 |
| Kalat | Kalat * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khuzdar * ... | 000 | 0 | 2 | 13 | 12 | 97 | 03 | 0 | 370 | 99 | 1 | 1 | 7 | 0 | 0 | 38 | 01 |
| | Panjgur * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Stations (2) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total Cloud amount N (22) | Wind direction in tens of degree 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 TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum temperature TnTn (38) | Rainfall Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Cox's Bazar | 031 | 9 | 7 | 13 | 03 | 96 | 02 | 5 | 027 | 84 | 5 | 5 | 3 | 4 | 0 | 79 | 79 | 0 | + 2 | 64.5 | + 23.1 | — | 140 |
| Chittagong | 049 | 4 | 6 | 13 | 09 | 96 | 02 | 6 | 024 | 81 | 5 | 4 | 4 | 6 | 0 | 79 | 79 | | + 2 | 45.5 | + 17.6 | — | 108 |
| Maijdee Court | | | | | | | | | | | | | | | | | | — | — | — | — | — | 115 |
| Comilla | 000 | 0 | 4 | 13 | 05 | 96 | 02 | 0 | 017 | 86 | 0 | 0 | 9 | 3 | 0 | 79 | 79 | — | + 2 | 22.0 | − 1.0 | — | 94 |
| Brahmanbaria | | | | | | | | | | | | | | | | | | — | — | — | — | — | 78 |
| Sylhet | 113 | 9 | 7 | 13 | 09 | 96 | 01 | 6 | 009 | 83 | 3 | 5 | 5 | 2 | 0 | 79 | 75 | − 3 | − 4 | 1.3 | − 35.1 | — | — |
| Srimangal | | | | | | | | | | | | | | | | | | — | — | — | — | — | 98 |
| Mymensingh | 003 | 0 | 5 | 13 | 02 | 97 | 02 | 2 | 005 | 84 | 5 | 5 | 6 | 0 | 0 | 79 | 79 | — | + 1 | [illegible]6.4 | + 03.7 | — | 91 |
| Narayanganj | 000 | 0 | 3 | 23 | 02 | 97 | 02 | 1 | [illegible] | 83 | 2 | 6 | 6 | 3 | 1 | 79 | 91 | − 1 | + 2 | 0.6 | − 15.6 | — | 74 |
| Dacca (Tjegaon) | 000 | 0 | 3 | 18 | 05 | 97 | 01 | 0 | 007 | 84 | 3 | 8 | 4 | 0 | 0 | 79 | 81 | — | — | 14.2 | — | — | — |
| Faridpur | 000 | 0 | 3 | 20 | 02 | 97 | 02 | 2 | 033 | 86 | 3 | 5 | 6 | 0 | 0 | 79 | 79 | + 3 | + 1 | 0.1 | − 16.0 | — | 71 |
| Barisal | 023 | 9 | 3 | 21 | 05 | 97 | 02 | 6 | 014 | 86 | 3 | 4 | 4 | 0 | 0 | 79 | 81 | 0 | + 2 | 22.1 | + 01.2 | — | 81 |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.2 | − 16.5 | — | 68 |
| Satkhira | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 2 | 009 | 84 | 4 | 3 | 9 | 2 | 9 | 79 | 79 | — | — | 18.4 | + 02.7 | — | 65 |
| Jessore | 003 | 0 | 4 | 20 | 07 | 96 | 03 | 0 | 002 | 86 | 4 | 6 | 4 | 0 | 0 | 81 | 81 | // | + 2 | 1.1 | − 14.7 | — | 65 |
| Pabna | 000 | 0 | 4 | 18 | 05 | 98 | 01 | 1 | // | 86 | 4 | 2 | 7 | 0 | 0 | 81 | 81 | — | — | 1.1 | − 14.9 | — | 59 |
| Sirajganj | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| Rajshahi | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Bogra | 000 | 0 | 7 | 23 | 05 | 96 | 02 | 2 | 996 | 84 | 5 | 7 | 4 | 7 | 0 | 79 | 81 | + 2 | + 3 | — | — | — | 67 |
| Dinajpur | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| Rangpur | 000 | 0 | 7 | 07 | 02 | 96 | 03 | 1 | 994 | 83 | 5 | 5 | 6 | 0 | 0 | 81 | 79 | + 3 | − 1 | 18.5 | − 04.8 | — | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 003 | 0 | 6 | 18 | 05 | 97 | 03 | 1 | 571 | 89 | 3 | 8 | 6 | 7 | 0 | 75 | 84 | − 4 | + 3 | 5.0 | + 2.0 | 2.3 | 19 |
| Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | − 4 | — | 11.0 | + 6.0 | 17.0 | 32 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.5 | — | 1.0 | — |
| Islamabad | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Rawalpindi | 000 | 0 | 0 | 00 | 03 | 97 | 01 | 2 | 964 | 85 | 1 | 5 | 6 | 3 | 0 | 77 | 81 | — | — | 1.04 | + 6.4 | 18.0 | 36 |
| Campbellpur | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | // | 83 | 0 | 0 | 9 | 0 | 0 | 93 | 84 | — | — | 0.7 | — | 0.9 | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 567 | 90 | 0 | 0 | 9 | 0 | 0 | 80 | // | 0 | // | 0.6 | − 1.7 | 2.7 | 15 |
| Sargodha | 003 | 0 | [illegible] | 18 | 05 | 97 | 02 | 0 | 970 | 90 | 0 | 0 | 9 | 3 | 0 | 76 | 64 | — | — | 1.9 | — | 6.0 | — |
| Lyallpur | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 962 | 89 | 4 | 3 | 8 | 0 | 0 | 72 | 82 | − 3 | − 1 | 5.6 | + 3.5 | 8.8 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| Multan | 000 | 0 | 0 | 18 | 05 | 96 | 06 | 0 | 964 | 89 | 0 | 0 | 9 | 0 | 0 | 73 | 87 | − 2 | + 2 | 1.3 | + 0.3 | 1.9 | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.2 | − 0.9 | 0.6 | 6 |
| Bahawalpur | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 970 | 87 | 0 | 0 | 9 | 0 | 0 | 63 | 84 | — | — | 0.0 | − 0.9 | 0.3 | 6 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Chakdara | 003 | 0 | 2 | 05 | 02 | 96 | 01 | 0 | 943 | 86 | 0 | 0 | 9 | 3 | 0 | 75 | 79 | — | — | 2.4 | — | 12.6 | — |
| Peshawar | 000 | 0 | 0 | 36 | 07 | 96 | 05 | 0 | 956 | 89 | 0 | 0 | 9 | 0 | 0 | 77 | 85 | 0 | + 5 | 0.2 | − 0.3 | 8.7 | 11 |
| Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.0 | — | 19.7 | — |
| Bannu | 000 | 0 | 3 | 00 | 00 | 99 | 03 | 0 | 979 | 89 | 0 | 0 | 9 | 0 | 5 | 73 | 85 | — | — | 0.6 | — | 3.0 | 11 |
| D. I. Khan | 000 | 0 | 0 | 05 | 03 | 97 | 02 | 0 | 957 | 91 | 0 | 0 | 9 | 0 | 0 | 60 | 87 | + 4 | + 4 | 0.0 | − 1.8 | — | 9 |
| Sibi | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| Nokkundi | 000 | 0 | 0 | 09 | 09 | 96 | 01 | 0 | 954 | 83 | 0 | 0 | 9 | 0 | 0 | 40 | 78 | — | — | 0.0 | — | 0.2 | 2 |
| Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 063 | 83 | 0 | 0 | 9 | 0 | 0 | 77 | 81 | — | — | 0.0 | — | 0.0 | — |
| Jiwani | 000 | 0 | 7 | 13 | 07 | 96 | 02 | 2 | 009 | 82 | 7 | 6 | 5 | 0 | 0 | 70 | 81 | — | — | 0.0 | — | 1.5 | 5 |
| Pasni | 003 | 0 | 0 | 23 | 07 | 97 | 02 | 0 | // | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | − 12 | // | 0.0 | − 0.4 | 0.0 | 6 |
| Ormara | 000 | 0 | 1 | 25 | 05 | 96 | 04 | 4 | 008 | 83 | 1 | 6 | 6 | 0 | 0 | 74 | // | — | — | 0.0 | − 0.0 | 0.0 | 6 |
| Lasbela | /// | 0 | 0 | 18 | 03 | 96 | 03 | 0 | 044 | 63 | 0 | 0 | 9 | 0 | 0 | | // | — | — | 0.0 | — | 0.2 | 8 |
| Karachi (Manora) | 000 | 0 | 5 | 27 | 07 | 96 | 03 | 1 | 014 | 81 | 5 | 6 | 4 | 0 | 0 | 75 | 79 | — | − 2 | — | — | — | 8 |
| Karachi (Airport) | 000 | 0 | 7 | 27 | 09 | 96 | 03 | 1 | 016 | 83 | 7 | 6 | 5 | 0 | 0 | 74 | 79 | — | — | 0.0 | — | 0.2 | — |
| Nagarparker | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Chhor | 000 | 0 | 3 | 23 | 41 | 96 | 08 | 0 | 005 | 81 | / | 6 | 5 | 0 | 0 | 74 | 79 | — | — | 0.0 | — | 0.1 | 7 |
| Hyderabad | 000 | 0 | 0 | 23 | 10 | 97 | 02 | 0 | 999 | 82 | 0 | 0 | 9 | 0 | 0 | 71 | 79 | 0 | − 3 | 0.0 | − 0.9 | 0.7 | 9 |
| Badin | 000 | 0 | 3 | 23 | 09 | 96 | 03 | 0 | 015 | 83 | 3 | 2 | 6 | 0 | 0 | 73 | 79 | — | — | 0.0 | − 2.1 | 0.0 | — |
| Padidan | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 976 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 79 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 985 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 78 | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 0 | 0 | 03 | 00 | 96 | 02 | 0 | 976 | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 80 | — | — | 1.0 | — | 1.4 | — |
| Kashmore | | | | | | | | | | | | | | | | | | — | — | — | — | — | 4 |
| Jacobabad | 000 | 0 | 1 | 09 | 07 | 97 | 01 | 0 | 980 | 65 | 0 | 0 | 9 | 0 | 1 | 75 | 80 | − 1 | − 5 | 2.3 | + 1.8 | 0.0 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | — |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Murree | 000 | 0 | 8 | 05 | 05 | 96 | 03 | 1 | // | 66 | 8 | 5 | 2 | / | / | // | 66 | — | − 3 | 20.2 | + 6.4 | 18.0 | 29 |
| Drosh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | − 8 | — | 0.9 | — | 1.0 | — |
| Cherat | 000 | 0 | 0 | 18 | 05 | 98 | 00 | 0 | | 80 | 0 | 0 | 9 | 0 | 0 | 75 | 75 | | + 3 | 0.9 | + 0.8 | 0.5 | — |
| Kakul | 000 | 0 | 5 | 23 | 09 | 97 | 01 | 1 | 422 | 78 | 3 | 4 | 6 | 3 | 0 | 67 | 71 | — | — | 17.4 | — | 32.1 | 29 |
| Landikotal | 000 | 0 | 6 | 05 | 05 | 98 | 02 | 0 | 416 | 87 | 0 | 0 | 9 | 0 | 0 | 69 | 78 | — | — | 0.4 | — | 10.1 | 13 |
| Parachinar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 430 | 77 | 0 | 0 | 9 | 0 | 0 | 57 | 70 | + 1 | + 4 | 1.6 | — | 9.2 | 11 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 402 | 86 | 0 | 0 | 9 | 0 | 0 | 72 | 75 | — | — | 0.0 | − 1.3 | 1.6 | 13 |
| Wana | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 403 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 71 | — | — | 0.2 | — | 0.9 | — |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 401 | 82 | 0 | 0 | 9 | 0 | 0 | 54 | 77 | − 2 | + 3 | 2.9 | + 1.7 | 5.1 | 9 |
| Hindubagh | 000 | 0 | 0 | 25 | 09 | 98 | 02 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 45 | 64 | — | — | 0.3 | — | 2.1 | — |
| Loralai | | | | | | | | | | | | | | | | | | | | | | | 14 |
| Barkhan | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Harnai | 000 | 0 | 0 | 05 | 01 | 96 | 02 | 0 | 395 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 79 | — | — | 0.0 | − 1.2 | 0.0 | 8 |
| Samungli (Quetta) | 000 | 0 | 0 | 13 | 03 | 96 | 04 | 0 | 417 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | | − 3 | 0.4 | + 0.3 | 3.2 | — |
| Chaman | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 469 | 87 | 0 | 0 | 9 | 0 | 0 | 61 | 75 | + 1 | − 1 | 0.0 | − 0.0 | 1.3 | — |
| Nushki | 000 | 0 | 0 | 13 | 07 | 95 | 06 | 0 | 450 | 90 | 0 | 0 | 9 | 0 | 0 | 34 | 84 | — | — | 0.0 | — | 1.1 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 413 | 85 | 0 | 0 | 9 | 0 | 0 | 35 | 75 | 0 | − 1 | 0.0 | — | 1.1 | 7 |
| Kalat | 000 | 0 | 0 | 18 | 00 | 94 | 00 | 2 | 392 | 75 | 0 | 0 | 9 | 0 | 0 | 66 | 74 | | + 18 | 0.0 | − 0.3 | 0.4 | — |
| Khuzdar | 000 | 0 | 0 | 27 | 02 | 96 | 01 | 2 | 404 | 80 | 0 | 0 | 9 | 0 | 0 | 63 | 77 | — | — | 0.1 | — | 0.3 | 5 |
| Panjgur | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 421 | 77 | 0 | 0 | 7 | 0 | 0 | 70 | 85 | — | + 7 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 990 is given RRR see the summary above for the actual amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 9th JULY, 1971.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $O1_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Bay of Bengal GMHN ... | 99 1 31 | 10 8 50 | 09 0 63 | 42 4 12 | 98 0 10 | 02 3 30 | 34 4 05 | 53 1 C9 | ... | ... | 00 4 2: | 12 7 80 | 30 2 01 | 18 4 03 |
| Arabian Sea GKV ... | 99 1 63 | 10 6 54 | 09 0 64 | 32 3 20 | 97 0 11 | 05 0 27 | 22 4 3' | 33 2 40 | ... | ... | 0/ / 23 | 12 9 05 | 30 3 01 | 17 5 05 |
| ... KCA ... | 99 2 00 | 10 6 83 | 09 0 63 | 62 4 11 | 98 0 12 | 06 4 28 | 43 4 07 | 32 2 10 | ... | .. | 05 1 24 | ... | 30 5 03 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Surface | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
| | | FoFoPoToToToDoDo | bhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 999 264 09 | 527 /// // | 420 178 25 | 027 104 59 | 576 047 58 | 749 137 65 | 962 273 // | 243 487 // | 426 649 // | 661 793 // | ... | ... | ... |
| Dacca ... | 00 00 | 998 290 20 | 516 /// // | 400 204 15 | 073 124 23 | 583 255 59 | 757 127 60 | 971 257 // | 252 477 // | 437 597 // | 680 765 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 997 270 24 | 507 /// // | 400 234 63 | 084 134 50 | 598 057 // | 765 131 // | 980 215 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | 981 305 70 | 544 /// // | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 955 294 57 | 554 /// // | 350 280 // | 069 164 // | 584 019 // | 762 067 // | 980 211 // | 265 423 // | ... | ... | .. | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 975 304 56 | 581 /// // | 400 204 40 | 963 034 // | ... | ... | ... | ... | ... | ... | .. | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmFmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 548 000 58 | ... | ... | ... | ... | ... | ... | ... | 124 075 85 | ... | ... | ... |
| Dacca ... | 00 00 | 528 000 60 | ... | ... | ... | ... | ... | ... | 089 713 // | ... | ... | .. | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 295 59 | 516 000 // | 476 021 // | 197 429 // | ... | ... | ... | ... | ... | ... | .. | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 670 000 // | 625 061 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 160 08 | 150 08 | 270 01 | 295 05 | 3'5 06 | 345 04 | 055 03 | 050 06 |
| Chhor ... | 215 15 | 220 16 | 215 15 | 055 17 | 120 14 | 105 05 | 110 06 | 105 05 | 055 11 |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 159 19 | 200 18 | 195 17 | 210 13 | 210 06 | 265 08 | ... | ... | ... |
| Dacca ... | 180 13 | 1/0 13 | 190 09 | 250 9 | 235 10 | 270 08 | 280 05 | 335 02 | 035 02 |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 190 04 | 175 05 | 175 05 | 145 05 | 160 04 | 265 03 | 325 10 | 335 10 | ... |
| Drosh ... | ... | ... | ... | 235 13 | 220 10 | 200 07 | 320 01 | 005 10 | 335 13 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 185 15 | 175 12 | 180 16 | 180 21 | 190 07 | 360 06 | 005 03 | 015 18 | 015 19 |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 145 03 | 195 05 | 230 03 | 05/ 1/ | 350 12 | 040 04 | 055 06 | 030 07 | 030 08 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 250 14 | 225 11 | 265 08 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 235 06 | 225 07 | 225 08 | 220 06 | 215 04 | 060 02 | 360 04 | 320 08 | 315 10 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 250 02 | 220 04 | 210 06 | 185 05 | 160 02 | ... | ... | ... | ... |
| Multan ... | 115 08 | 115 09 | 115 06 | 150 10 | 145 14 | 140 15 | 080 08 | 010 15 | 345 13 |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 315 01 | 285 03 | 255 03 | 130 05 | 050 09 | 025 15 | 020 17 |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 045 05 | 120 04 | 190 04 | 26 05 | 325 11 | 260 07 | 035 09 | 355 10 |
| Parachinar ... | ... | ... | ... | ... | 055 03 | 015 30 | 005 05 | 360 02 | 050 03 |
| Quetta ... | ... | ... | ... | /// // | 380 04 | 320 04 | 040 04 | 045 17 | 070 17 |
| Sargodha ... | 155 03 | 140 03 | 125 03 | 335 08 | 330 11 | 325 06 | 355 11 | 025 11 | 110 06 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in kms. a.s.l.--> | At 0000 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 100 08 | 115 09 | 170 06 | 255 11 | 290 08 | ... | 155 03 | 140 03 | 150 03 | 280 06 | 295 10 | 310 13 | ... | 330 10 | ... | ... |
| Chhor ... | 215 18 | 230 17 | 220 18 | 255 13 | 300 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 025 11 | 125 13 | 105 10 | ... | 060 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 270 08 | 295 15 | 305 19 | 325 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 085 71 | 095 12 | 115 12 | 165 13 | 200 13 | 215 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 115 00 | 235 01 | 270 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 155 21 | 152 90 | 160 30 | 200 16 | 245 11 | 315 11 | 150 05 | 150 06 | 175 08 | 215 14 | 200 21 | 180 07 | 010 11 | 055 13 | 045 15 | 050 20 | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 110 06 | 185 01 | 220 01 | 245 07 | 290 21 | 315 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 260 17 | 260 18 | 275 18 | 276 16 | 203 14 | 050 13 | 160 15 | 150 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 220 06 | 230 07 | 235 07 | 230 07 | 205 04 | 200 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 155 06 | 170 12 | 170 12 | 170 03 | 010 04 | ... | 250 05 | 220 04 | 275 09 | 275 04 | 310 12 | 305 10 | ... | ... | ... | ... | ... |
| Multan ... | 210 14 | 205 08 | 205 12 | 215 10 | 230 05 | 285 08 | 205 10 | 220 13 | 230 11 | 220 10 | 230 08 | 265 02 | 310 09 | 300 09 | 255 05 | 210 07 | ... |
| Nawab Shah ... | 200 20 | 200 16 | 150 16 | 180 12 | 050 08 | 035 06 | 195 10 | 165 10 | 160 09 | 120 08 | 335 06 | 045 12 | 110 06 | 105 09 | 120 09 | 115 17 | 105 25 |
| Nokkundi ... | ... | | 305 16 | 305 08 | 265 03 | 255 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 310 07 | 280 07 | 235 01 | 180 04 | 310 05 | ... | 070 05 | 345 05 | 305 06 | 260 06 | 310 10 | 0/0 04 | 015 06 | 110 10 | 325 06 | ... |
| Parachinar ... | ... | ... | ... | ... | 127 /3 | 285 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // | 330 04 | 340 11 | 090 04 | 155 10 | 195 06 | 275 15 | ... |
| Sargodha ... | 065 03 | 165 11 | 165 12 | 230 13 | 270 10 | 030 11 | 185 04 | 200 04 | 205 05 | 225 06 | 285 09 | 335 06 | 035 04 | 240 07 | 075 04 | 030 03 | 160 04 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 260 17 | 260 18 | 275 18 | 276 16 | 200 14 | 050 13 | ... | 065 33 | ... | 090 15 | ... | 100 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

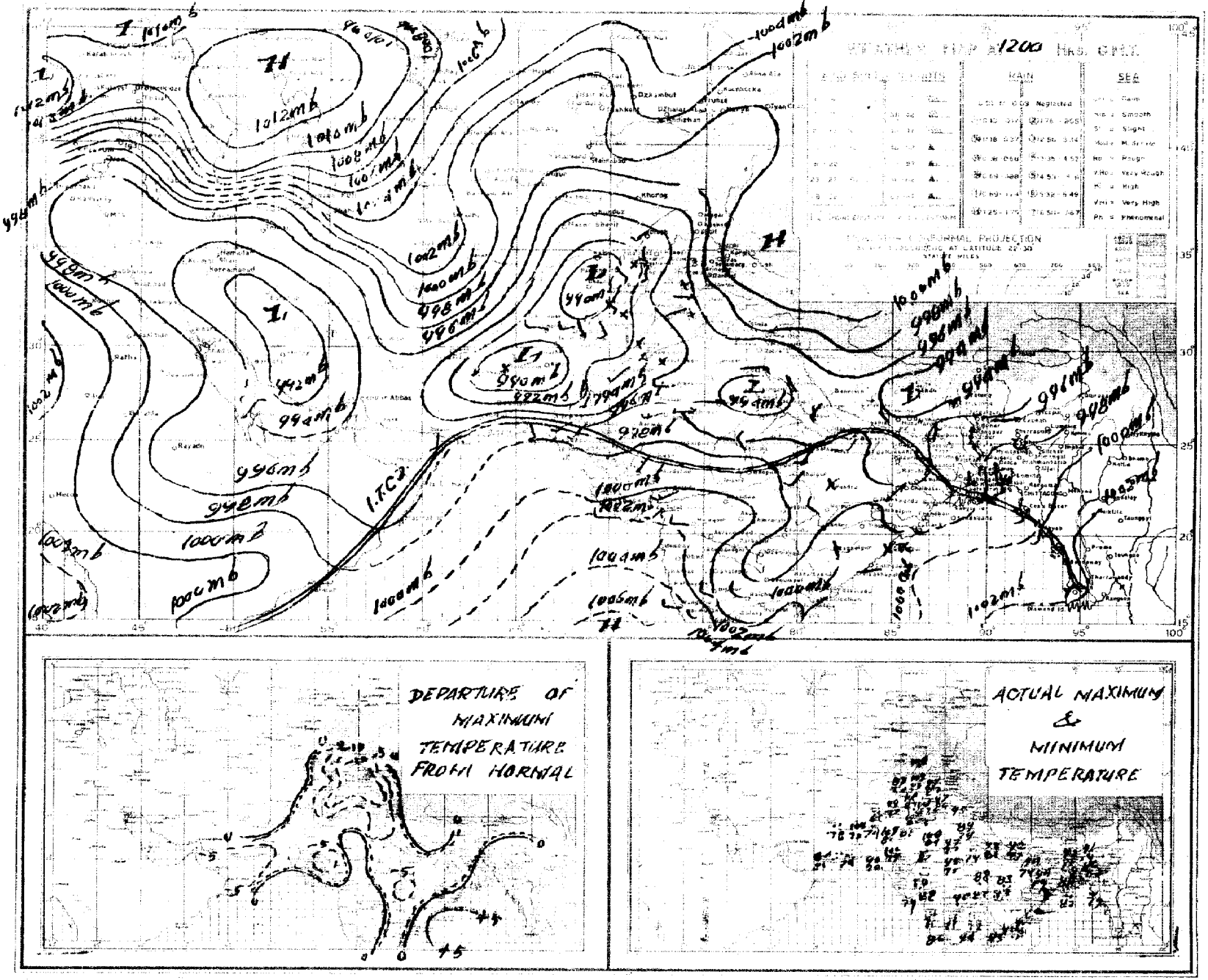
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

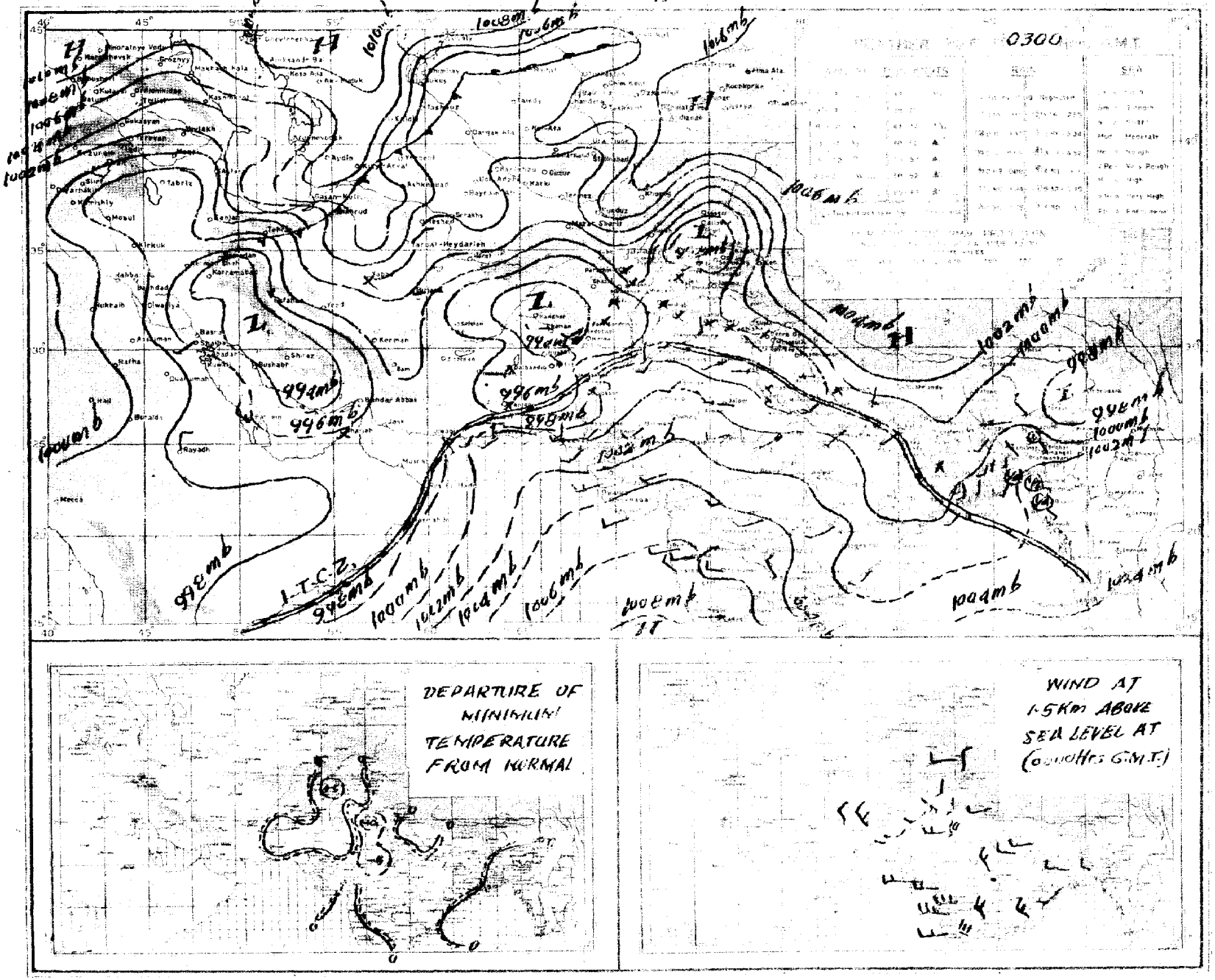
THURSDAY 22 JULY 1971




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 9th JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**SATURDAY THE 10th JULY, 1971.**

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

Observations from Orissa, Bihar and west Bengal completely lacking. Axis of the monsoon trough continues to extend into north Bay of Bengal.
Rain/thundershowers have been fairly widespread in Chittagong division, local in Dacca and Rajshahi divisions and scattered in Khulna division.
Incursion of moist easterlies into northeastern divisions of West Pakistan has discontinued.
Isolated light rain has fallen in Lahore division. Weather has otherwise remained dry over West Pakistan.
Chief amounts of rainfall are Mymensingh and Sylhet 3" each, Rangamati and Bogra ½" each and Sandwip, Cox's Bazar and Jessore ¾" each.
Day temperatures were generally 3—6 °F (2—3 °C) above normal in East Pakistan and in Multan, Malakand, Peshawar, D. I. Khan and Quetta divisions and were to the same extend below normal in Hyderabad and Khairpur divisions.

**Forecast valid until the evening of the 11th July, 1971** :—Rain/thundershowers will be local in East Pakistan. Scattered light rain/thunderstorms may also occur in Malakand and Peshawar divisions and in Kashmir. Weather will be mainly dry elsewhere over West Pakistan.

**Earth Quake Report :** The seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 9th July 1971 at 08 hours 20 minutes W.P.S.T. with its epicentre about 10000 miles southwest of Quetta near central Chile.

Karachi-32
The 10th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day | | | | | | | | | | | | | | | | | At 0300 Hrs. G.M.T. of date | | | | | | | | | | | | | | | | | Departure from Normal of | | Rainfall | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall in Cents RRR | Past weather commenced at † Wt | Total cloud amount N | Wind direction in tens of degrees dd | Winds speed in Knots ff | Horizontal visibility † VV | Present weather † ww | Past weather † W | Sea level pressure (mbs. and tenths)° PPP | Dry Bulb temperature° TT | Amount of Lowest Cloud † Nh | Low Cloud from † GL | Height of Lowest Cloud † h | Medium Cloud form † CM | High Cloud form † CH | Dewpoint temperature °F TdTd | Maximum temperature °F TxTx | Rainfall in Cents RRR | Past weather commenced at † Wt | Total Cloud amount N | Wind direction in tens of degree 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 TnTn | Maximum temperature TxTx | Minimum temperature TnTn | Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati ... | 016 | 7 | 5 | 18 | 09 | 98 | 21 | 9 | 088 | 93 | 3 | 4 | 6 | 7 | 2 | 79 | 86 | 106 | 0 | 4 | 18 | 02 | 98 | 02 | 1 | 043 | 84 | 2 | 4 | 6 | 4 | 2 | 77 | 79 | — | — | — | — | — | — |
| | Cox's Bazar ... | 000 | 0 | 5 | 18 | 10 | 96 | 02 | 2 | 085 | 82 | 4 | 4 | 4 | 2 | 0 | 79 | 88 | 069 | 0 | 6 | 14 | 05 | 97 | 02 | 0 | 036 | 84 | 4 | 4 | 4 | 3 | 0 | 79 | 77 | + 2 | 0 | 65.2 | +22.5 | — | 140 |
| | Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 13 | 09 | 97 | 02 | 2 | 035 | 84 | 2 | 4 | 4 | 3 | 0 | 77 | 77 | — | 0 | 45.5 | +18.8 | — | 108 |
| | Maijdee Court ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 115 |
| | Comilla ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 94 |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 78 |
| | Sylhet ... | 031 | 9 | 8 | 18 | 02 | 96 | 00 | 6 | 981 | 81 | 6 | 7 | 5 | 2 | / | 79 | 88 | 311 | 9 | 7 | 00 | 00 | 96 | 02 | 6 | 027 | 83 | 3 | 5 | 5 | 3 | 1 | 79 | 77 | — | — | 38.2 | — | — | — |
| | Srimangal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 98 |
| Dacca | Mymensingh ... | 000 | 2 | 7 | 13 | 02 | 96 | 02 | 0 | 977 | 81 | 7 | 5 | 4 | 0 | 0 | 79 | 92 | 329 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 021 | 84 | 6 | 5 | 4 | 0 | 0 | 79 | 79 | + 5 | 0 | 29.7 | +06.4 | — | 91 |
| | Narayanganj ... | 000 | 0 | 2 | 23 | 02 | 95 | 02 | 1 | 981 | 92 | 0 | 0 | 6 | 3 | 1 | 77 | 92 | 000 | 0 | 5 | 23 | 03 | 97 | 02 | 2 | 021 | 90 | 3 | 6 | 3 | 1 | 0 | 79 | 93 | + 4 | + 4 | 06.0 | —16.0 | — | 74 |
| | Dacca (Tjegaon) ... | 000 | 0 | 6 | 18 | 02 | 97 | 02 | 2 | 975 | 89 | 3 | 2 | 5 | 6 | 1 | 79 | 94 | 000 | 0 | 7 | 18 | 05 | 97 | 02 | 2 | 031 | 88 | 6 | 4 | 4 | 0 | 2 | 79 | 79 | — | — | 14.2 | — | — | — |
| | Faridpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 8 | 20 | 02 | 97 | 02 | 2 | 031 | 89 | 6 | 5 | 5 | 1 | 0 | 79 | 81 | — | + 3 | 05.0 | —16.4 | — | 71 |
| Khulna | Barisal ... | 000 | 3 | 5 | 19 | 05 | 97 | 02 | 6 | 983 | 84 | 4 | 4 | 0 | 1 | / | 74 | 94 | 000 | 9 | 5 | 17 | 05 | 97 | 02 | 5 | 019 | 86 | 3 | 5 | 4 | 8 | 0 | 81 | 81 | + 6 | + 2 | 22.1 | + 0.7 | — | 81 |
| | Khulna ... | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 981 | 92 | 2 | 1 | 4 | | 0 | 92 | 97 | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 011 | 88 | 0 | 2 | 4 | 0 | 0 | 85 | 83 | — | — | 0.2 | — 17.0 | — | 68 |
| | Satkhira ... | 000 | 0 | 6 | 18 | 05 | 97 | 05 | 2 | 977 | 88 | 4 | 3 | 9 | 1 | 2 | 79 | 92 | 000 | 0 | 8 | 18 | 03 | 97 | 13 | 2 | 025 | 88 | / | 7 | 9 | 2 | 0 | 81 | 81 | — | — | 18.4 | +01.8 | — | 65 |
| | Jessore ... | 040 | 1 | 7 | 11 | 05 | 96 | 17 | 9 | 972 | 88 | 6 | 9 | 4 | 2 | 0 | 71 | 92 | 079 | 9 | 7 | 16 | 07 | 96 | 03 | 6 | 074 | 86 | 7 | 7 | 4 | 2 | 0 | 81 | 81 | + 3 | + 2 | 1.9 | —14.3 | — | 65 |
| Rajshahi | Pabna ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 9 | 7 | 23 | 05 | 98 | 01 | 9 | /// | 88 | 7 | 6 | 7 | / | 0 | 81 | 81 | — | — | 1.1 | — | — | 59 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi ... | 000 | 0 | 8 | 18 | 02 | 96 | 02 | 0 | 997 | 84 | 5 | 2 | 5 | 3 | 0 | 80 | 94 | 000 | 0 | 6 | 18 | 02 | 96 | 02 | 0 | 086 | 86 | 5 | 2 | 5 | 3 | 0 | 84 | 79 | — | — | — | | — | — |
| | Bogra ... | 026 | 1 | 6 | 18 | 02 | 96 | 13 | 9 | 973 | 82 | 4 | 5 | 9 | 3 | 0 | 79 | 94 | 095 | 6 | 7 | 13 | 02 | 96 | 02 | 9 | 014 | 84 | 6 | 6 | 4 | 3 | 0 | 79 | 75 | + 7 | — 3 | 0.9 | | — | 69 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | | — | 72 |
| | Rangpur ... | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 943 | 83 | 3 | 0 | 9 | 1 | 0 | 81 | 94 | 000 | 0 | 7 | 09 | 12 | 96 | 03 | 2 | 993 | 83 | 9 | 9 | 3 | 8 | 2 | 75 | 79 | + 4 | + 1 | 18,5 | —05.8 | — | 84 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 1 | 27 | 05 | 97 | 03 | 1 | 934 | 01 | 0 | 0 | 9 | 0 | 1 | 71 | 02 | 000 | 0 | 0 | 23 | 05 | 95 | 06 | 0 | 925 | 89 | 0 | 0 | 9 | 0 | 0 | 70 | 86 | + 1 | + 5 | 5.0 | + 1.7 | 2.3 | 19 |
| | Sialkot ... | 000 | 0 | 1 | 23 | 02 | 99 | 02 | 1 | 935 | 97 | 1 | 1 | 6 | 0 | 0 | 76 | 97 | 004 | 0 | 3 | 07 | 02 | 99 | 01 | 0 | 959 | 85 | 3 | 0 | 9 | 2 | 0 | 89 | 83 | — 2 | + 2 | 11.0 | +05.7 | 17.1 | 32 |
| Rawalpindi | Jhelum ... | 000 | 0 | 2 | 23 | 02 | 97 | 02 | 0 | 916 | 03 | 2 | 1 | 7 | 0 | 0 | 75 | 05 | 000 | 0 | 0 | 13 | 02 | 97 | 02 | 0 | 945 | 89 | 0 | 0 | 9 | 0 | 0 | 81 | 85 | — | — | 0.5 | — | 1.0 | — |
| | Islamabad ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi ... | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 914 | 99 | 1 | 8 | 6 | 0 | 0 | 78 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 1.04 | +06.2 | 18.0 | 36 |
| | Campbellpur ... | 000 | 0 | 0 | 05 | 05 | 98 | 00 | 0 | /// | 06 | 0 | 0 | 9 | 0 | 0 | 83 | 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.7 | — | 0.9 | — |
| Sargodha | Khushab ... | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 933 | 06 | 0 | 0 | 9 | 0 | 0 | 82 | // | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 943 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | // | // | // | 0.6 | — 1.8 | 2.8 | 15 |
| | Sargodha ... | 000 | 0 | 0 | 18 | 05 | 97 | 01 | 0 | 924 | 08 | 0 | 0 | 9 | 0 | 0 | 74 | 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 2.0 | | 6.0 | — |
| | Lyallpur ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 928 | 95 | 0 | 0 | 9 | 0 | 0 | 60 | 02 | 000 | 0 | 0 | 00 | 00 | 95 | 00 | 0 | 932 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | // | — 2 | // | 5.8 | + 3.4 | 8.8 | 12 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | — | 10 |
| | Multan ... | 000 | 0 | 0 | 20 | 10 | 96 | 06 | 0 | 925 | 06 | 0 | 0 | 9 | 0 | 0 | 61 | 08 | 000 | 0 | 0 | 20 | 16 | 96 | 07 | 0 | 895 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 84 | + 5 | — 1 | 1.4 | + 0.2 | 1.9 | 7 |
| | Leiah ... | 000 | 0 | 8 | 09 | 09 | 95 | 02 | 2 | 920 | 04 | 0 | 8 | 7 | 0 | 0 | 77 | 04 | 000 | 0 | 8 | 09 | 06 | 90 | 02 | 2 | 975 | 80 | 0 | 0 | 6 | 7 | 0 | | // | — | — | — | | — | 8 |
| Bahawalpur | Khanpur ... | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 941 | 05 | 0 | 0 | 9 | 0 | 0 | 63 | 06 | 000 | 0 | 0 | 3 | 23 | 07 | 96 | 03 | 971 | 82 | 0 | 0 | 9 | 0 | 1 | 72 | 79 | — | — | 0.2 | — 0.7 | 0.6 | 6 |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 950 | 03 | 0 | 0 | 9 | 0 | 0 | 60 | 05 | 000 | 0 | 0 | 20 | 02 | 95 | 07 | 0 | 961 | 86 | 0 | 0 | 9 | 0 | 0 | 69 | 84 | — | — | 0.0 | — 1.0 | 0.3 | 6 |
| | Fort Abbas ... | /// | / | / | // | // | 98 | 00 | 0 | 918 | // | 0 | 0 | 9 | 0 | 0 | 98 | 10 | /// | 0 | 0 | 05 | 05 | 98 | 00 | 0 | 979 | 91 | 0 | 0 | 9 | 0 | 0 | 83 | 82 | — | — | — | — | — | 8 |
| Malakand | Chakdara ... | 000 | 0 | 1 | 18 | 07 | 95 | 00 | 0 | /// | // | / | / | 7 | 0 | 0 | 76 | 04 | 000 | 0 | 2 | 05 | 03 | 96 | 03 | 0 | 917 | 86 | 2 | 0 | 9 | 3 | 0 | 73 | 80 | — | — | 2.4 | — | 12.8 | — |
| Peshawar | Peshawar ... | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 879 | 99 | 0 | 0 | 9 | 0 | 0 | 71 | 04 | 000 | 0 | 0 | 36 | 03 | 96 | 05 | 0 | 925 | 92 | 0 | 0 | 9 | 0 | 0 | 73 | 85 | + 1 | + 5 | 0.2 | — 0.3 | 8.7 | 11 |
| | Haripur ... | 000 | 0 | 0 | 31 | 02 | 97 | 00 | 0 | 942 | 00 | 0 | 0 | 9 | 0 | 0 | 72 | 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | 11.9 | — | 19.7 | — |
| D. I. Khan | Bannu ... | 000 | 0 | 0 | 10 | 02 | 99 | 00 | 0 | 923 | 05 | 0 | 0 | 9 | 0 | 0 | 63 | 06 | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 952 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 80 | — | — | 0.6 | — | 3.0 | 11 |
| | D. I. Khan ... | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 911 | 05 | 0 | 0 | 9 | 0 | 0 | 80 | 08 | 000 | 0 | 0 | 35 | 02 | 97 | 02 | 0 | 931 | 90 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | + 3 | 0 | 0.2 | — | 1.0 | 9 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 982 | 10 | 0 | 0 | 9 | 0 | 0 | 63 | 13 | 000 | 0 | [illegible] | 00 | 00 | 96 | 03 | 0 | 953 | 91 | 0 | 0 | 9 | 0 | 9 | 58 | 81 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat ... | 000 | 0 | 1 | 25 | 14 | 96 | 02 | 2 | 994 | 87 | 1 | 6 | 6 | 0 | 0 | 75 | 88 | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 068 | 81 | 0 | 0 | 9 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani ... | 000 | 0 | 6 | 18 | 10 | 96 | 03 | 1 | 000 | 85 | 6 | 0 | 5 | 0 | 0 | 75 | 89 | 000 | 0 | 7 | 18 | 03 | 96 | 02 | 0 | 022 | 82 | 7 | 4 | 6 | / | 7 | 76 | 79 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni ... | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 09 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | + 16 | // | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 3 | 27 | 10 | 96 | 04 | 4 | 008 | 82 | 3 | 6 | 6 | 0 | 0 | 78 | // | — | — | 0.0 | — 0.0 | 0.0 | 6 |
| | Lasbela ... | /// | 0 | 2 | 13 | 04 | 96 | 03 | 0 | 979 | 97 | 0 | 0 | 9 | 0 | 0 | 81 | 98 | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 018 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | 78 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 27 | 09 | 96 | 03 | 0 | 016 | 81 | ! | 6 | 4 | 0 | 1 | 75 | 79 | | — 2 | — | — | — | 8 |
| | Karachi (Airport) ... | 000 | 0 | 5 | 25 | 12 | 96 | 02 | 7 | 002 | 86 | 5 | 5 | 5 | 0 | 0 | 73 | 91 | 000 | 0 | 5 | 27 | 10 | 96 | 03 | 2 | 009 | 83 | 5 | 6 | 5 | 0 | 0 | 74 | 80 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | |
| | Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 1 | 005 | 88 | 6 | 2 | 6 | 0 | 0 | 75 | 78 | — | — | 0.0 | — | 0.0 | — |
| | Hyderabad ... | 080 | 0 | 0 | 23 | 12 | 97 | 02 | 0 | 980 | 94 | 0 | 0 | 9 | 0 | 0 | 70 | 97 | 000 | 0 | 2 | 23 | 12 | 96 | 07 | 0 | 987 | 84 | 0 | 0 | 9 | 0 | 1 | 73 | 80 | — 3 | — 2 | 0.0 | — 0.1 | 0.7 | 7 |
| | Badin ... | 000 | 0 | 1 | 23 | 12 | 96 | 01 | 0 | 996 | 93 | 1 | 1 | 6 | 0 | 0 | 71 | 97 | 000 | 0 | 3 | 23 | 14 | 96 | 03 | 0 | 007 | 83 | 3 | 4 | 6 | 0 | 0 | 73 | 79 | — | — | 0.0 | — 2.2 | 0.0 | 9 |
| Khairpur | Padidan ... | 090 | 0 | 0 | 2/ | 10 | 96 | 02 | 0 | 945 | 05 | 0 | 0 | 9 | 0 | 0 | 59 | 07 | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 902 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 79 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah ... | 000 | 0 | 0 | 18 | 14 | 96 | 02 | 0 | 950 | 01 | 0 | 0 | 9 | 0 | 0 | 70 | 05 | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 972 | 86 | 0 | 0 | 9 | 0 | 0 | 76 | 79 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur ... | 000 | 0 | 0 | 20 | 10 | 96 | 02 | 0 | 937 | 03 | 0 | 0 | 9 | 0 | 0 | 71 | 04 | 000 | 0 | 0 | 16 | 05 | 96 | 02 | 0 | 965 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 80 | — | — | 0.9 | — | 1.3 | — |
| | Kashmore ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 4 |
| | Jacobabad ... | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 938 | 05 | 0 | 0 | 9 | 0 | 0 | 74 | 05 | 000 | 0 | 1 | 09 | 06 | 97 | 03 | 0 | 963 | 84 | 0 | 0 | 9 | 0 | 1 | 75 | 81 | — 5 | — 4 | 2.3 | + 1.8 | 2.4 | 20 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 1 | /// | 71 | 7 | 5 | 4 | 0 | 0 | 60 | 65 | | — 2 | 20.2 | +12.9 | 28.9 | 29 |
| Malakand | Drosh * ... | 000 | 0 | 0 | 23 | 10 | 99 | 02 | 0 | 343 | 04 | 0 | 0 | 9 | 0 | 0 | 42 | 05 | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 402 | 83 | 0 | 0 | 8 | 0 | 0 | 61 | 79 | + 9 | + 7 | 0.9 | — | 9.5 | — |
| Peshawar | Cherat * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 413 | 85 | 0 | 0 | 9 | 0 | 0 | 61 | 85 | | + 7 | 0.9 | + 1.0 | 0.5 | — |
| | Kakul * ... | 000 | 0 | 0 | 23 | 02 | 95 | 05 | 1 | 399 | 86 | 0 | 0 | 9 | 0 | 0 | 69 | 88 | 000 | 0 | 5 | 23 | 02 | 96 | 01 | 2 | 404 | 82 | 4 | 4 | 6 | 3 | 0 | 71 | 77 | — | — | 17.4 | — | 32.1 | 29 |
| | Landikotal * ... | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 412 | 98 | 0 | 0 | 9 | 0 | 0 | 60 | 01 | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 398 | 91 | 0 | 0 | 9 | 0 | 0 | 60 | 78 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * ... | 000 | 0 | 1 | 13 | 05 | 97 | 02 | 0 | 395 | 91 | 1 | 2 | 6 | 0 | 0 | 56 | 92 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 409 | 82 | 0 | 0 | 9 | 0 | 0 | 53 | 71 | + 4 | — 5 | 1.6 | — | 9.1 | 11 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 408 | 99 | 0 | 0 | 9 | 0 | 0 | 72 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.3 | 1.6 | 13 |
| | Wana * ... | 000 | 0 | 0 | 11 | 34 | 98 | 00 | 0 | 372 | 94 | 0 | 0 | 9 | 0 | 0 | 90 | 97 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 391 | 81 | 0 | 0 | 9 | 0 | 0 | 75 | 72 | — | — | 0.2 | — | 1.0 | — |
| Quetta | Fort Sandeman * ... | 000 | 0 | 2 | 00 | 00 | 96 | 05 | 0 | 374 | 99 | 1 | 1 | 7 | 1 | 1 | 40 | 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | 2.9 | + 1.6 | 5.1 | 9 |
| | Hindubagh * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — |
| | Loralai * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 14 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | 9 |
| | Harnai * ... | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 390 | 89 | 0 | 0 | 9 | 0 | 0 | 77 | 99 | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 384 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 80 | — | — | 0.0 | — 1.2 | 0.0 | 8 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 393 | 96 | 0 | 0 | 9 | 0 | 0 | 26 | 98 | 000 | 0 | 0 | 13 | 02 | 96 | 04 | 0 | 412 | 75 | 0 | 8 | 9 | 0 | 1 | 53 | 61 | + 4 | — 7 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 413 | 02 | 0 | 0 | 9 | 0 | 0 | 65 | 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * ... | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 443 | 07 | 0 | 0 | 9 | 0 | 0 | 47 | 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 407 | 09 | 0 | 0 | 9 | 0 | 0 | 23 | 10 | ... | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | 0.0 | — 0.0 | 0.1 | 7 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 02 | 05 | 98 | 03 | 0 | /// | 97 | 0 | 0 | 9 | 0 | 0 | 37 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 7 | | 0.0 | — 0.4 | 0.4 | — |
| | Khuzdar * ... | 000 | 0 | 3 | 13 | 03 | 97 | 03 | 0 | 377 | 00 | 3 | 8 | 7 | 0 | 0 | 45 | 01 | 000 | 0 | 0 | 27 | 05 | 96 | /2 | 0 | 402 | 79 | 0 | 0 | 9 | 0 | 0 | 62 | 77 | — | — | 0.1 | — | 0.3 | 5 |
| | Panjgur * ... | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 408 | 98 | 0 | 0 | 9 | 0 | 0 | 13 | 99 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 420 | 75 | 0 | 0 | 9 | 0 | 0 | 68 | 72 | — 4 | — 4 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 10th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99$L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_{w\,w}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | 8$N_sCh_sh_s$ | O1$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{wt}$T | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$d$_w$P$_w$H$_w$H$_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Arabian Sea GCKS ... | 99 2 51 | 10 6 27 | 09 1 23 | 62 2 20 | 98 0 22 | 00 5 28 | 65 6 00 | 23 6 05 | 00 7 25 | 10 5 03 | 21 3 08 | ... | ... | ... |
| ... JGKS ... | 99 1 86 | 10 6 69 | 09 1 24 | 62 3 25 | 98 0 31 | 04 0 29 | 53 4 61 | 33 8 13 | 11 / 25 | ... | ... | 12 9 00 | 30 2 02 | 18 7 07 |
| Indian ocean GCLL ... | 99 0 65 | 10 7 92 | 09 1 23 | 72 8 15 | 98 0 22 | 06 0 28 | 55 4 50 | 74 4 00 | 00 0 80 | ... | .. | 18 0 05 | 30 1 02 | 27 6 04 |
| ... DHME ... | 99 0 12 | 10 7 72 | 09 1 23 | 73 0 24 | 97 0 32 | 08 5 28 | 62 5 51 | 54 4 00 | ... | ... | ... | ... | ... | ... |
| Arabian Sea UZCN ... | 99 2 27 | 10 6 97 | 09 1 21 | 22 6 07 | 96 1 00 | 09 8 / / | 21 5 00 | 24 2 25 | ... | ... | ... | 12 8 78 | 3/ / / / | 09 1 02 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToDoDo | hhh TTT, DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 000 266 14 | 532 /// / / | 400 184 00 | 021 110 16 | 576 035 46 | 750 127 /3 | 964 273 43 | 242 511 / / | 424 643 / / | ... | ... | ... | ... |
| Dacca ... | 00 00 | 001 278 14 | 014 276 05 | 400 186 50 | 070 120 37 | 581 023 58 | 756 105 60 | 971 255 / / | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 997 260 56 | /// /// / / | 400 200 37 | 073 076 63 | 576 115 / / | 744 185 / / | 955 263 / / | 241 401 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 814 228 65 | ... | ... | 085 154 / / | 582 045 / / | 756 117 / / | 972 169 / / | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 972 310 58 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PtPP TTT$_a$ DD | | | | | | | PmFmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftfc | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 537 000 24 | 138 187 / / | ... | ... | ... | ... | ... | ... | ... | 140 055 70 | ... | ... |
| Dacca ... | 00 00 | 525 000 58 | 225 367 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | 00 00 | 600 046 / / | 600 046 / / | 547 000 / / | 350 137 / / | 313 170 / / | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 260 01 | 220 02 | 245 08 | 260 08 | 345 06 | 038 09 | 030 10 | 325 09 | ... | ... | ... | ... | ... | ... | ... | 130 05 | 110 07 | 110 06 | 190 03 | 165 09 | ... | ... | ... | ... | ... |
| Chhor ... | 225 28 | 220 28 | 220 30 | 235 23 | 200 11 | 110 09 | 040 18 | 045 07 | 090 10 | 225 21 | 225 31 | 240 32 | 240 21 | 260 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 140 14 | 160 13 | 160 10 | ... | 195 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 190 16 | 195 16 | 200 18 | 230 17 | 240 10 | ... | ... | ... | ... | 155 15 | 155 09 | 160 56 | 205 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 165 55 | 165 16 | 175 15 | 215 17 | ... | 260 08 | ... | ... | ... | 195 19 | 205 17 | 240 16 | ... | 235 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dilbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 270 06 | 270 07 | 290 12 | 295 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 185 09 | 155 10 | 160 10 | 165 07 | 175 03 | 325 07 | 325 16 | 325 15 | 341 15 | 125 06 | 140 02 | 060 02 | 195 08 | 260 07 | ... | 250 18 | 260 09 | 280 06 | 290 05 | 260 09 | 330 54 | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 220 10 | 220 15 | 185 04 | 010 10 | 355 08 | 280 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 02 | 250 07 | 315 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 035 01 | 025 03 | 240 02 | 275 10 | 245 09 | 225 08 | ... | ... | ... | 270 05 | 160 08 | 290 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 195 09 | 185 11 | 190 15 | 200 18 | 220 13 | 350 04 | 355 16 | 360 15 | 010 21 | 160 13 | 190 15 | 235 13 | 255 08 | 285 10 | 340 17 | 170 04 | 175 05 | 205 04 | 285 05 | 330 04 | 010 03 | 015 15 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 175 12 | 175 10 | 210 13 | ... | ... | ... | ... | ... | ... | 110 10 | 135 12 | 210 03 | 240 04 | 250 03 | 215 08 | 115 06 | 180 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 245 14 | 250 10 | 250 17 | 260 19 | ... | ... | ... | ... | ... | 190 07 | 185 06 | ... | ... | ... | ... | 260 12 | 265 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 06 | 230 08 | 240 13 | 245 19 | ... | ... | 220 17 | 220 17 | /// / / | 210 10 | 225 03 | 360 13 | 050 10 | ... | ... | ... | ... |
| Multan ... | 270 05 | 260 08 | 255 08 | 245 05 | 240 08 | 330 11 | 310 15 | 320 13 | 315 10 | 215 13 | 210 21 | 225 23 | 240 30 | 260 34 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 17 | 245 03 | 270 07 | 330 07 | 360 05 | 305 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 230 08 | 325 03 | 265 06 | 305 03 | 215 12 | 315 06 | 120 08 | ... | ... | /// / / | 305 09 | 325 10 | 260 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 12 | 275 19 | 300 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 045 05 | 130 06 | 160 11 | 210 09 | 315 13 | 015 08 | 060 04 | 030 04 | ... | 320 06 | 330 07 | 325 02 | 166 02 | 310 10 | ... | 015 05 | 005 03 | 295 02 | 250 07 | 250 09 | 325 06 | 310 12 | 295 13 | 290 26 | ... |
| Parachinar ... | ... | ... | ... | /// / / | 360 04 | 340 04 | 290 07 | 050 08 | 130 10 | ... | ... | ... | 225 08 | 110 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | /// / / | /// / / | 020 07 | 235 01 | 350 03 | 210 14 | 250 12 | 235 07 | 240 05 | 085 06 | 030 05 | 215 06 | 175 05 | 140 03 | 175 06 | 165 05 | 305 07 | 020 15 | 085 07 | 060 17 | 025 15 | 345 13 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 090 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 265 24 | 265 27 | 260 24 | 240 18 | 320 12 | 020 08 | 040 31 | 045 18 | 065 13 | 075 12 | 090 27 | 090 07 | 115 45 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

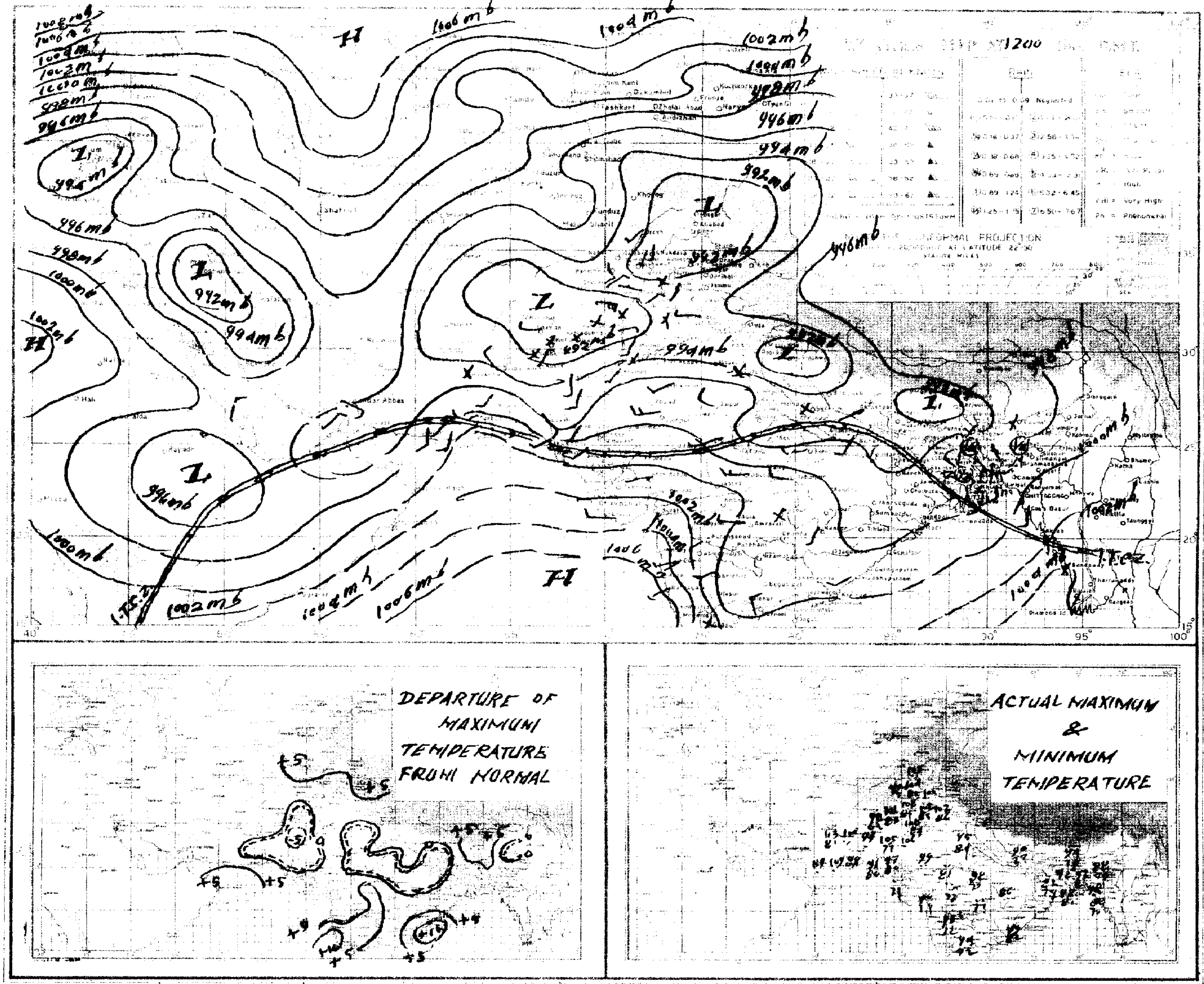
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

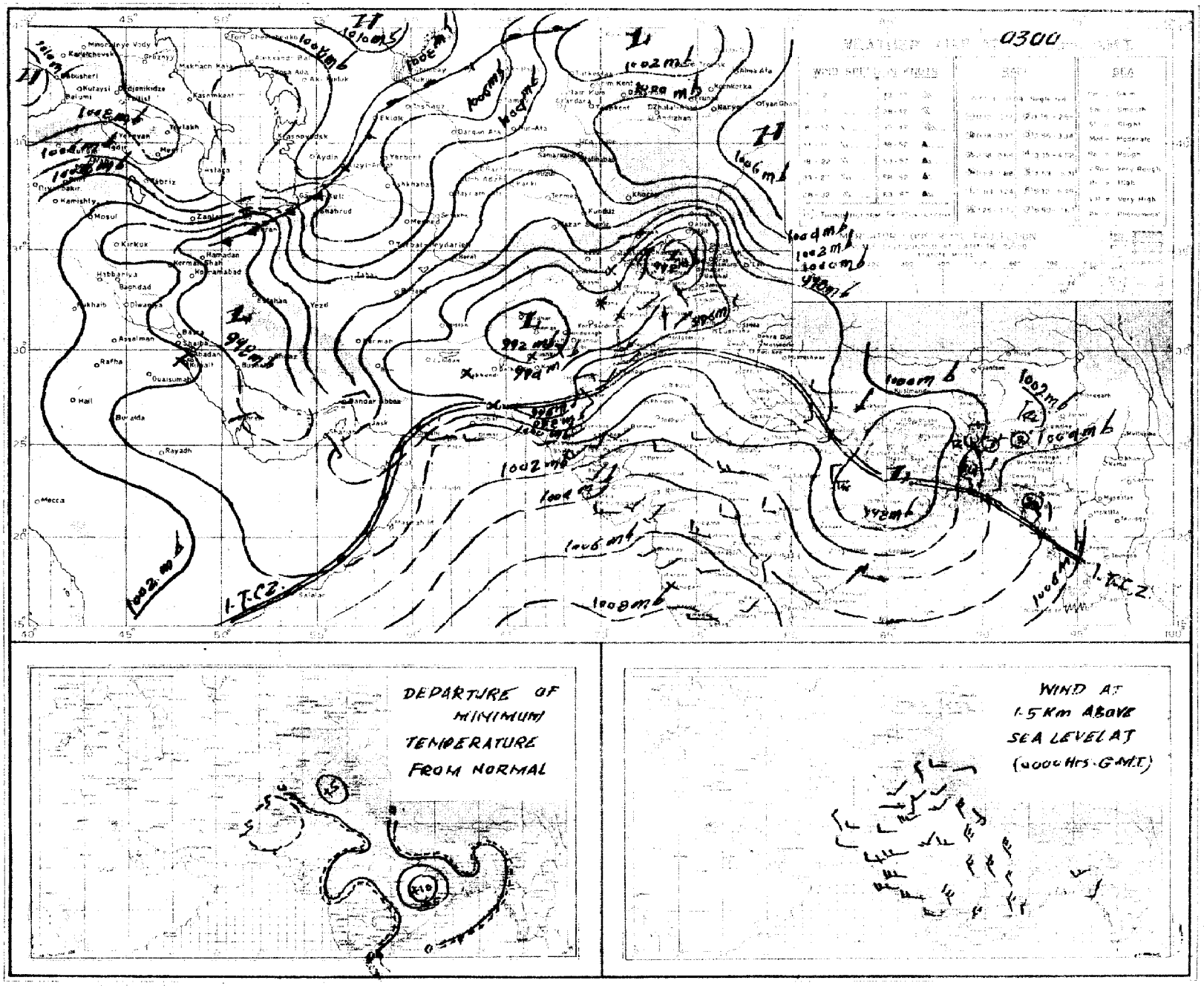
FRIDAY 9th JULY, 1971




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SATURDAY 700 JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**SUNDAY THE 11th JULY, 1971.**

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

Observations from Orissa and neighbourhood absent but apparently the extension of monsoon trough into north Bay of Bengal has shifted northwestwards.

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

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

Mainly dry weather prevailed over West Pakistan.

Chief amounts of rainfall are Rangpur 4", Narayanganj, Dacca and Barisal 1½" each, Rajshahi 1", Jessore ½" and Cox's Bazar, Sylhet and Mymensingh ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Dacca, Khulna, Rawalpindi, Peshawar, D. I. Khan, Quetta and Kalat divisions and were 3 °F (2 °C) below normal in Khairpur division.

**Forecast valid until the evening of the 12th July, 1971** :—Rain/thundershowers will be local over coastal districts and scattered elsewhere over East Pakistan, in Lahore, Rawalpindi, Malakand and Peshawar divisions and in Kashmir. A few thunderstorms/showers are also likely in Sargodha and Multan divisions. Weather will be mainly dry elsewhere over West Pakistan.

Karachi-32
The 11th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN.
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Maximum temperature °F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Chittagong | Rangamati | 000 | 5 | 6 | 16 | 05 | 98 | 50 | 5 | 034 | 81 | 4 | 7 | 5 | 7 | 2 | 77 | 87 |
| | Cox's Bazar | 000 | 0 | 7 | 18 | 07 | 96 | 03 | 0 | 021 | 83 | 6 | 4 | 4 | 4 | 0 | 77 | 85 |
| | Chittagong | 001 | 5 | 6 | 13 | 06 | 96 | 21 | 6 | 021 | 79 | 4 | 4 | 4 | 2 | 0 | 79 | // |
| | Maijdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | | | | | | | | | | | | | | | | | |
| | Brahmanbaria | 017 | 4 | 7 | 00 | 00 | 96 | 01 | 6 | 003 | 83 | 3 | 8 | 5 | 3 | 0 | 79 | 88 |
| | Sylhet | | | | | | | | | | | | | | | | | |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 006 | 88 | 7 | 5 | 4 | 0 | 0 | 79 | 91 |
| | Narayanganj | 000 | 0 | 8 | 18 | 02 | 95 | 02 | 2 | 004 | 86 | 5 | 6 | 6 | 3 | 1 | 77 | 86 |
| | Dacca (Tejgaon) | 005 | 3 | 7 | 13 | 05 | 97 | 02 | 6 | 996 | 86 | 5 | 8 | 4 | 3 | 1 | 79 | 92 |
| | Faridpur | | | | | | | | | | | | | | | | | |
| Khulna | Barisal | | | | | | | | | | | | | | | | | |
| | Khulna | | | | | | | | | | | | | | | | | |
| | Satkhira | 016 | 0 | 8 | 12 | 00 | 96 | 03 | 6 | 993 | 88 | 5 | 9 | 4 | 2 | / | 81 | 91 |
| | Jessore | | | | | | | | | | | | | | | | | |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 000 | 9 | 8 | 05 | 03 | 96 | 03 | 2 | 000 | 79 | / | 6 | 4 | 2 | 0 | 77 | 90 |
| | Bogra | | | | | | | | | | | | | | | | | |
| | Dinajpur | 421 | 8 | 7 | 00 | 00 | 96 | 21 | 8 | 966 | 75 | 7 | 6 | 6 | 0 | 0 | 74 | 91 |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Ian Rd.) | 000 | 0 | 0 | 23 | 03 | 95 | 06 | 1 | 927 | 00 | 0 | 0 | 9 | 0 | 0 | 67 | 01 |
| | Sialkot | | | | | | | | | | | | | | | | | |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 912 | 01 | 0 | 0 | 9 | 0 | 0 | 72 | 03 |
| | Islamabad | 000 | 0 | 3 | 09 | 03 | 96 | 06 | 1 | 906 | 98 | 2 | 0 | 9 | 3 | 1 | 75 | 01 |
| | Rawalpindi | 000 | 0 | 0 | 23 | 00 | 98 | 00 | 0 | // | 09 | 0 | 0 | 9 | 0 | 0 | 69 | 10 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 18 | 09 | 95 | 06 | 0 | 909 | 04 | 0 | 0 | 9 | 0 | 0 | 71 | 05 |
| | Sargodha | 000 | 0 | 0 | 16 | 02 | 97 | 00 | 0 | 918 | 94 | 0 | 0 | 9 | 0 | 0 | 63 | 01 |
| | Lyallpur | | | | | | | | | | | | | | | | | |
| Multan | Sahiwal | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 915 | 03 | 0 | 0 | 9 | 0 | 0 | 71 | 04 |
| | Multan | | | | | | | | | | | | | | | | | |
| | Leiah | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 923 | 04 | 0 | 0 | 9 | 0 | 0 | 64 | 05 |
| | Bahawalpur | 000 | 0 | 0 | 20 | 02 | 95 | 02 | 0 | 937 | 03 | 0 | 0 | 9 | 0 | / | 64 | 03 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 05 | 98 | 00 | 0 | 959 | 13 | 0 | 0 | 9 | 0 | 0 | 91 | 14 |
| Malakand | Chakdara | | | | | | | | | | | | | | | | | |
| Peshawar | Peshawar | | | | | | | | | | | | | | | | | |
| | Hoti | | | | | | | | | | | | | | | | | |
| D. I. Khan | Bannu | 000 | 0 | 0 | 07 | 02 | 99 | 00 | 0 | 907 | 67 | 0 | 0 | 9 | 0 | 0 | 63 | 09 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 03 | 97 | 02 | 0 | 896 | 09 | 0 | 0 | 9 | 0 | 0 | 79 | 10 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 1 | 31 | 03 | 96 | 01 | 0 | 887 | 11 | 0 | 0 | 9 | 0 | 7 | 57 | 13 |
| Kalat | Turbat | 000 | 0 | 0 | 20 | 04 | 98 | 00 | 0 | 032 | 99 | 0 | 0 | 9 | 0 | 0 | 83 | 99 |
| | Jiwani | 000 | 0 | 6 | 18 | 12 | 96 | 02 | 2 | 994 | 84 | 6 | 6 | 5 | 0 | 0 | 73 | 89 |
| | Pasni | | | | | | | | | | | | | | | | | |
| | Ormara | 000 | 0 | 1 | 25 | 17 | 96 | 02 | 0 | 963 | 86 | 1 | 6 | 6 | 0 | 0 | 76 | 89 |
| | Lasbela | /// | 0 | 3 | 13 | 02 | 98 | 00 | 0 | 954 | 61 | 0 | 0 | 9 | 0 | 0 | 82 | 04 |
| Karachi division | Karachi (Manora) | 000 | 0 | 0 | 25 | 09 | 97 | 02 | 0 | 939 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 85 |
| | Karachi (Airport) | 000 | 0 | 6 | 25 | 17 | 96 | 03 | 0 | 989 | 87 | 6 | 6 | 5 | 0 | 0 | 74 | 90 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 000 | 0 | 0 | 23 | 12 | 96 | 07 | 0 | 964 | 93 | 0 | 0 | 9 | 0 | 0 | 69 | 97 |
| | Badin | 000 | 0 | 4 | 23 | 16 | 95 | 07 | 0 | 988 | 90 | 4 | 4 | 6 | 0 | 0 | 71 | 93 |
| Khairpur | Padidan | 000 | 0 | 3 | 13 | 03 | 96 | 02 | 0 | 918 | 03 | 0 | 0 | 9 | 0 | 4 | 64 | 09 |
| | Nawabshah | 000 | 0 | 3 | 18 | 06 | 96 | 03 | 0 | 933 | 02 | 3 | 0 | 9 | 0 | 0 | 75 | 09 |
| | Sukkur | 000 | 0 | 0 | 20 | 10 | 96 | 02 | 0 | 992 | 04 | 0 | 0 | 9 | 0 | 0 | 74 | 05 |
| | Kashmore | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | 943 | 07 | 0 | 0 | 9 | 0 | 0 | 67 | 08 |
| | Jacobabad | 000 | 0 | 6 | 18 | 05 | 97 | 01 | 1 | 914 | 05 | 0 | 0 | 9 | 0 | 4 | 75 | 05 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Drass ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | |
| Peshawar | Cherat * | | | | | | | | | | | | | | | | | |
| | Kakul * | | | | | | | | | | | | | | | | | |
| | Landikotal * | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 993 | 00 | 0 | 0 | 9 | 0 | 0 | 65 | 03 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | /// | 04 | 0 | 0 | 9 | 0 | 0 | 68 | 82 |
| | Wana * | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 400 | 90 | 0 | 0 | 9 | 0 | 0 | 94 | 03 |
| Quetta | Fort Sandeman * | 000** | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 359 | 02 | 0 | 0 | 9 | 0 | 0 | // | // |
| | Hindubagh * | 000 | 0 | 0 | 27 | 09 | 98 | 02 | 0 | /// | 99 | 0 | 0 | 9 | 0 | 0 | 50 | 02 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 371 | 00 | 0 | 0 | 9 | 0 | 0 | 67 | 01 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 10 | 97 | 02 | 0 | 383 | 99 | 0 | 0 | 9 | 0 | 0 | 52 | 99 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 421 | 03 | 0 | 0 | 9 | 0 | 0 | 61 | 04 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 431 | 06 | 0 | 0 | 9 | 0 | 0 | 45 | 08 |
| | Dalbandin * | 000 | 0 | 5 | 27 | 07 | 94 | 06 | 0 | 398 | // | 0 | 0 | 9 | 0 | 2 | 97 | 13 |
| Kalat | Kalat * | 000 | 0 | 0 | 26 | 02 | 94 | 00 | 2 | 356 | 91 | 0 | 0 | 9 | 0 | 0 | 60 | 93 |
| | Khuzdar * | 000 | 0 | 7 | 13 | 07 | 96 | 05 | 1 | 370 | 04 | 0 | 0 | 9 | 0 | 6 | // | 06 |
| | Panjgur * | 000 | 0 | 2 | 27 | 05 | 96 | 02 | 0 | 401 | 05 | 0 | 0 | 9 | 0 | 1 | 75 | 07 |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total Cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past Weather | Sea level pressure (mbs. and tenths) | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud form † | Height of Lowest Cloud † | Medium Cloud form † | High Cloud form † | Dewpoint temperature °F | Minimum temperature | Departure from Normal of: Maximum temperature | Minimum temperature | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Cox's Bazar | 026 | 3 | 7 | 13 | 09 | 96 | 51 | 2 | 057 | 82 | 4 | 4 | 4 | 2 | 0 | 74 | // | — 1 | — | 65.4 | —21.6 | — | 140 |
| | Chittagong | 001 | 9 | 6 | 13 | 09 | 96 | 02 | 6 | 054 | 83 | 4 | 4 | 4 | 3 | 2 | 73 | 73 | — | — 4 | 45.5 | +18.0 | — | 108 |
| | Maijdee Court | | | | | | | | | | | | | | | | | | | | | | | 115 |
| | Comilla | | | | | | | | | | | | | | | | | | | | | | | 94 |
| | Brahmanbaria | 026 | 9 | 7 | 13 | 2 | 96 | 01 | 6 | 047 | 80 | 4 | 5 | 4 | 2 | 0 | 79 | 75 | — | — | 38.5 | — | — | 78 |
| | Sylhet | | | | | | | | | | | | | | | | | | — 4 | | | | | — |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | 98 |
| Dacca | Mymensingh | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 050 | 85 | 7 | 5 | 4 | 0 | 0 | 78 | 80 | + 4 | + 2 | 29.9 | + 6.2 | — | 91 |
| | Narayanganj | 151 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 041 | 84 | 6 | 4 | 4 | 2 | 1 | 79 | // | + 2 | — | 21.1 | —14.9 | — | 74 |
| | Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 15.9 | — | — | — |
| | Faridpur | 000 | 0 | 5 | 20 | 02 | 97 | 02 | 2 | 039 | 87 | 5 | 5 | 5 | 0 | 0 | 79 | // | — | — | 0.6 | —16.8 | — | 71 |
| Khulna | Barisal | 125 | 9 | 6 | 13 | 09 | 97 | 02 | 6 | 038 | 85 | 4 | 8 | 4 | 0 | 4 | 79 | 77 | — | — 2 | 23.4 | + 1.6 | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 68 |
| | Satkhira | 000 | 0 | 6 | 18 | 04 | 97 | 03 | 2 | 032 | 87 | | 6 | 9 | 2 | 0 | 80 | 80 | — | — | 18.4 | + 1.3 | — | 65 |
| | Jessore | 000 | 0 | 7 | 13 | 05 | 96 | 05 | 1 | 930 | 85 | 6 | 7 | 4 | 2 | 0 | | 79 | + 2 | 0 | 16.4 | + 1.3 | — | 65 |
| Rajshahi | Pabna | 014 | 9 | 5 | 13 | 09 | 99 | 03 | 9 | | 86 | 5 | 3 | 6 | 0 | 0 | 83 | // | | | 1.2 | — | — | 59 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 64 |
| | Rajshahi | 108 | 9 | 6 | 18 | 02 | 96 | 02 | 6 | 031 | 82 | 4 | 2 | 5 | 3 | 0 | 79 | 77 | | | | | | — |
| | Bogra | 000 | 0 | 8 | 13 | 03 | 96 | 03 | 2 | 032 | 82 | 6 | 4 | 4 | 3 | / | 80 | 79 | + 1 | 0 | 1.1 | — | — | 69 |
| | Dinajpur | 421 | 0 | 7 | 09 | 02 | 96 | 03 | 2 | 995 | 83 | 7 | 0 | 9 | 2 | 0 | 81 | 75 | | — 3 | 22.7 | — 2.1 | — | 72 |
| | Rangpur | | | | | | | | | | | | | | | | | | | | | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Ian Rd.) | 003 | 0 | 2 | 03 | 05 | 95 | 06 | 2 | 974 | 87 | 2 | 5 | 7 | 7 | 0 | 71 | 86 | 0 | + 5 | 5.0 | + 1.5 | 2.3 | 19 |
| | Sialkot | 000 | 0 | 7 | 09 | 02 | 96 | 05 | 1 | 972 | 86 | 7 | 0 | 9 | 7 | 0 | 80 | 85 | — | + 5 | 11.0 | + 5.6 | 17.1 | 32 |
| Rawalpindi | Jhelum | 030 | 0 | 3 | 03 | 02 | 95 | 05 | 1 | 972 | 90 | 3 | 0 | 9 | 7 | 0 | | 85 | — | — | | | | — |
| | Islamabad | 000 | 0 | 7 | 09 | 07 | 95 | 05 | 2 | 960 | 88 | 7 | 0 | 9 | 3 | 0 | 75 | 86 | — | — | 1.04 | + 5.9 | 17.9 | 36 |
| | Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.7 | — | — | — |
| | Campbellpur | | | | | | | | | | | | | | | | | | | | | | | 15 |
| Sargodha | Khushab | 000 | 0 | 2 | // | // | 94 | 06 | 0 | 960 | 88 | 0 | 0 | 9 | 3 | 0 | 71 | 86 | — | — | 1.9 | — | 5.9 | — |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | 5.6 | + 3.3 | 8.8 | 12 |
| | Lyallpur | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | Sahiwal | 000 | 0 | 0 | 16 | 09 | 96 | 06 | 0 | 965 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 83 | — 1 | — 1 | 1.4 | + 0.2 | 1.9 | 7 |
| | Multan | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 965 | 83 | 0 | 0 | 9 | 0 | 0 | 72 | 79 | | | 0.2 | — 0.9 | 0.6 | 6 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — 1.0 | 0.3 | 6 |
| | Fort Abbas | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Malakand | Chakdara | | | | | | | | | | | | | | | | | | | | | | | — |
| Peshawar | Peshawar | 000 | 0 | 3 | 06 | 05 | 96 | / | 0 | 933 | 90 | 0 | 0 | 9 | 0 | 0 | 74 | 84 | — | + 4 | 0.2 | — 0.3 | 8.7 | 11 |
| | Hoti | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 936 | 90 | / | / | / | / | / | 76 | 84 | | | 11.9 | — | 19.7 | — |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.6 | — | 2.9 | 11 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 6 | — | 0.0 | — 1.4 | 2.8 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Nokkundi | 000 | 0 | 0 | 31 | 19 | 95 | 05 | 0 | 925 | 97 | 0 | 0 | 9 | 0 | 0 | 69 | 81 | | | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | / | 08 | 05 | 96 | 02 | / | 993 | 82 | 5 | 6 | 5 | / | 0 | 79 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.1 | 0.0 | 8 |
| Karachi division | Karachi (Manora) | 000 | 0 | 7 | 27 | 10 | 96 | 03 | 2 | 994 | 80 | 7 | 5 | 5 | / | / | 75 | 79 | — 5 | — 2 | | | | 8 |
| | Karachi (Airport) | 000 | 0 | 7 | 27 | 12 | 96 | 03 | 2 | 990 | 82 | 7 | 6 | 5 | 0 | 0 | 75 | 80 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor | 000 | 0 | 8 | 23 | 17 | 96 | 02 | 2 | 980 | 83 | 7 | 5 | 6 | 0 | 0 | 73 | 80 | — | — | 0.0 | — | 0.2 | 7 |
| | Hyderabad | 000 | 0 | 7 | 23 | 09 | 97 | 01 | 1 | 973 | 84 | 7 | 2 | 5 | 0 | 0 | 73 | 81 | — 13 | 0 | 0.0 | — | 0.1 | 9 |
| | Badin | 000 | 0 | 3 | 23 | 14 | 96 | 07 | 1 | 990 | 84 | / | / | / | | / | 74 | 80 | — | — | 0.0 | — 1.2 | 0.7 | — |
| Khairpur | Padidan | 000 | 0 | 2 | 13 | 06 | 96 | 03 | 0 | 945 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 80 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 0 | 07 | 18 | 96 | 05 | 0 | 953 | 86 | 0 | 0 | 9 | 0 | 0 | 76 | 80 | | | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 16 | 05 | 96 | 02 | 0 | 695 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 79 | — | — | 0.9 | — | 1.4 | — |
| | Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 0 | 09 | 10 | 96 | 05 | 0 | 953 | 84 | 0 | 0 | 9 | 0 | 0 | 74 | 82 | — 5 | — 3 | 2.3 | + 1.8 | 2.4 | — |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Drass ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 02 | 95 | 96 | 0 | 391 | 83 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | 0.9 | — | 9.5 | — |
| | Kakul * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 420 | 80 | 0 | 0 | 9 | 0 | 0 | 67 | 78 | — | + 7 | 0.9 | — 1.2 | 0.5 | — |
| | Landikotal * | 000 | 0 | 6 | 18 | 05 | 95 | 05 | 2 | 418 | 80 | 5 | 4 | 6 | 3 | 0 | 70 | 76 | | | 17.4 | — | 32.1 | 29 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 10.1 | 13 |
| D. I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 400 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 76 | — | — | 0.0 | — 1.4 | 1.6 | 11 |
| | Wana * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 400 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 72 | — | — | 0.2 | — | 0.9 | 13 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 05 | 02 | 96 | 05 | 0 | 381 | 86 | 0 | 0 | 9 | 0 | 0 | 57 | 81 | — | + 7 | 2.9 | + 1.6 | 5.1 | — |
| | Hindubagh * | 000 | 0 | 0 | 25 | 02 | 98 | 02 | 0 | /// | 86 | 0 | 0 | 9 | 0 | 0 | 40 | 57 | | | 0.4 | — | 2.1 | 9 |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | — |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 383 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 81 | | | 0.0 | — 1.3 | 0.0 | 9 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 27 | 02 | 96 | 04 | 0 | 408 | 77 | 0 | 0 | 9 | 0 | 0 | 46 | 60 | + 5 | — 8 | 0.4 | + 0.3 | 3.2 | 8 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 473 | 89 | 0 | 0 | 9 | 0 | 0 | 63 | 79 | + 2 | + 4 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 07 | 03 | 95 | 05 | 0 | 420 | 90 | 0 | 0 | 9 | 0 | 0 | 34 | 84 | | | | | | — |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 94 | 06 | 0 | 400 | 87 | 0 | 0 | 9 | 0 | 0 | // | 77 | + 4 | — 4 | 0.0 | — 0.0 | 0.1 | 4 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 94 | 00 | 2 | 400 | 77 | 0 | 0 | 9 | 0 | 0 | 54 | // | 0 | — | 0.0 | — 0.4 | 0.4 | 7 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.1 | — | 0.3 | — |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 406 | 80 | 0 | 0 | 9 | 0 | 0 | 76 | 74 | + 4 | — 3 | 0.0 | — | 0.1 | 5 |

Given in Code.

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

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

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

When over 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 11th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Arabian Sea ... | 99 1 14 | 10 6 94 | 11 0 63 | 62 8 12 | 98 0 28 | 00 1 27 | 42 4 04 | ... | ... | ... | 0/ / 23 | 12 9 08 | 30 2 02 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | Surface (PoPoPoToToToDoDo) | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 001 264 16 | ... | 485 192 00 | 113 112 13 | 585 031 18 | 759 125 47 | 973 273 34 | 251 503 // | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 000 280 15 | 008 280 15 | 400 188 06 | 076 110 23 | 581 029 27 | 755 123 40 | 969 259 50 | 249 497 // | ... | 674 765 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 996 270 56 | ... | 400 234 37 | 080 174 66 | 588 022 // | 765 055 // | 982 145 // | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 954 302 59 | ... | 350 278 62 | 065 156 59 | 508 014 // | 761 093 // | 978 231 // | 262 447 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 813 256 68 | ... | ... | 099 218 // | 594 090 // | 775 011 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 975 294 45 | ... | 350 180 10 | 957 044 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed (PmPmPmdmdmfmfmfm) | TROPOPAUSE First (PtPtPtTtTtTat) | Transition (dtdtftftft) | Second ($P_tP_tP_tT_tT_tT_t$) | Transition (dt dt ft ft ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 302 61 | 600 116 // | 485 000 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 682 000 // | 600 205 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 130 05 | 125 05 | 185 05 | 280 09 | 325 10 | 325 15 | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 140 15 | 165 15 | 151 2/ | 165 10 | 185 09 | 170 11 | 150 12 | 140 08 | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 185 12 | 180 13 | 180 14 | 220 09 | 265 09 | ... | ... | ... | ... |
| Dacca ... | 135 08 | 150 08 | 160 09 | 165 11 | 295 14 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | /// // | 155 14 | 150 17 | 125 11 | 085 08 | 025 07 | 335 09 | 293 07 | 290 05 |
| Drosh ... | ... | ... | ... | 220 17 | 205 03 | 205 09 | ... | 035 15 | 030 17 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 180 06 | 200 07 | 215 00 | 345 06 | 355 11 | 345 10 | 320 15 | 305 19 | 350 20 |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 170 13 | 185 08 | 165 04 | 245 04 | 301 0/ | 035 10 | 330 05 | 315 12 | 335 15 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 255 14 | 255 20 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 240 10 | 235 14 | 230 17 | 225 12 | 215 10 | 215 08 | ... | ... | ... |
| Multan ... | 190 24 | 195 25 | 205 22 | 190 15 | 340 07 | 005 09 | 350 20 | 020 15 | 030 14 |
| Nawab Shah ... | 205 15 | 225 13 | 255 07 | 330 03 | 020 13 | 075 16 | 020 12 | 055 10 | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 040 13 | 070 12 | 150 03 | 190 12 | 320 15 | 335 10 | 025 15 | 020 15 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 295 03 | 260 06 | 360 08 | 060 06 | 070 07 |
| Sargodha ... | 190 05 | 190 07 | 180 07 | 190 05 | 350 04 | 360 13 | /40 10 | 025 10 | 020 11 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | 160 05 | 195 08 | 200 10 | 190 12 | 120 13 | 200 06 |
| D. I. Khan ... | 135 1/ | 165 11 | 285 07 | 300 11 | 315 10 | 355 08 |
| Drosh ... | ... | ... | 180 04 | 250 09 | 225 06 | 335 04 |
| Fort Sandeman ... | ... | ... | ... | 225 03 | 205 02 | 225 03 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 150 12 | 190 01 | 210 09 | 220 09 | 225 05 | 335 09 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 110 12 | 140 15 | 140 12 | 215 06 | 245 // | 225 19 |
| Karachi ... | 205 08 | 225 07 | 295 07 | 305 18 | 310 17 | 315 13 |
| Khanpur ... | 250 25 | 265 30 | ... | 250 29 | 310 76 | 250 27 |
| Khuzdar ... | 101 4/ | 215 13 | 215 14 | 205 13 | 220 13 | 310 14 |
| Lahore ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 230 08 | 245 18 | 245 23 | 255 15 | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | 215 10 | 211 05 | 175 03 | 350 07 | 340 12 | 005 15 |
| Panjgur ... | ... | ... | 320 32 | 315 26 | 395 18 | 300 21 |
| Peshawar ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | 340 08 | 030 03 | 255 07 | 195 07 | 135 06 |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | 220 05 | 220 19 | 220 19 | 310 09 | 310 04 | 040 07 |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | 170 08 | 170 10 | 170 10 | 170 14 | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 125 04 | 130 04 | 085 03 | 330 06 | 005 14 | 025 10 | 080 16 | 085 16 | 185 16 | 015 21 | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 180 04 | 260 06 | 300 09 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 255 19 | 255 21 | 260 20 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 215 13 | 201 3/ | 235 12 | 255 14 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 175 06 | 170 09 | 170 13 | 140 13 | 145 01 | 025 08 | 032 0/ | 050 19 | 0 50 19 | 045 19 | ... |
| Nawab Shah ... | 250 03 | 300 03 | 300 05 | 080 05 | 030 11 | 020 13 | 025 10 | 055 07 | 055 07 | 290 09 | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | 215 06 | 190 07 | 200 07 | 165 13 | 180 11 | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

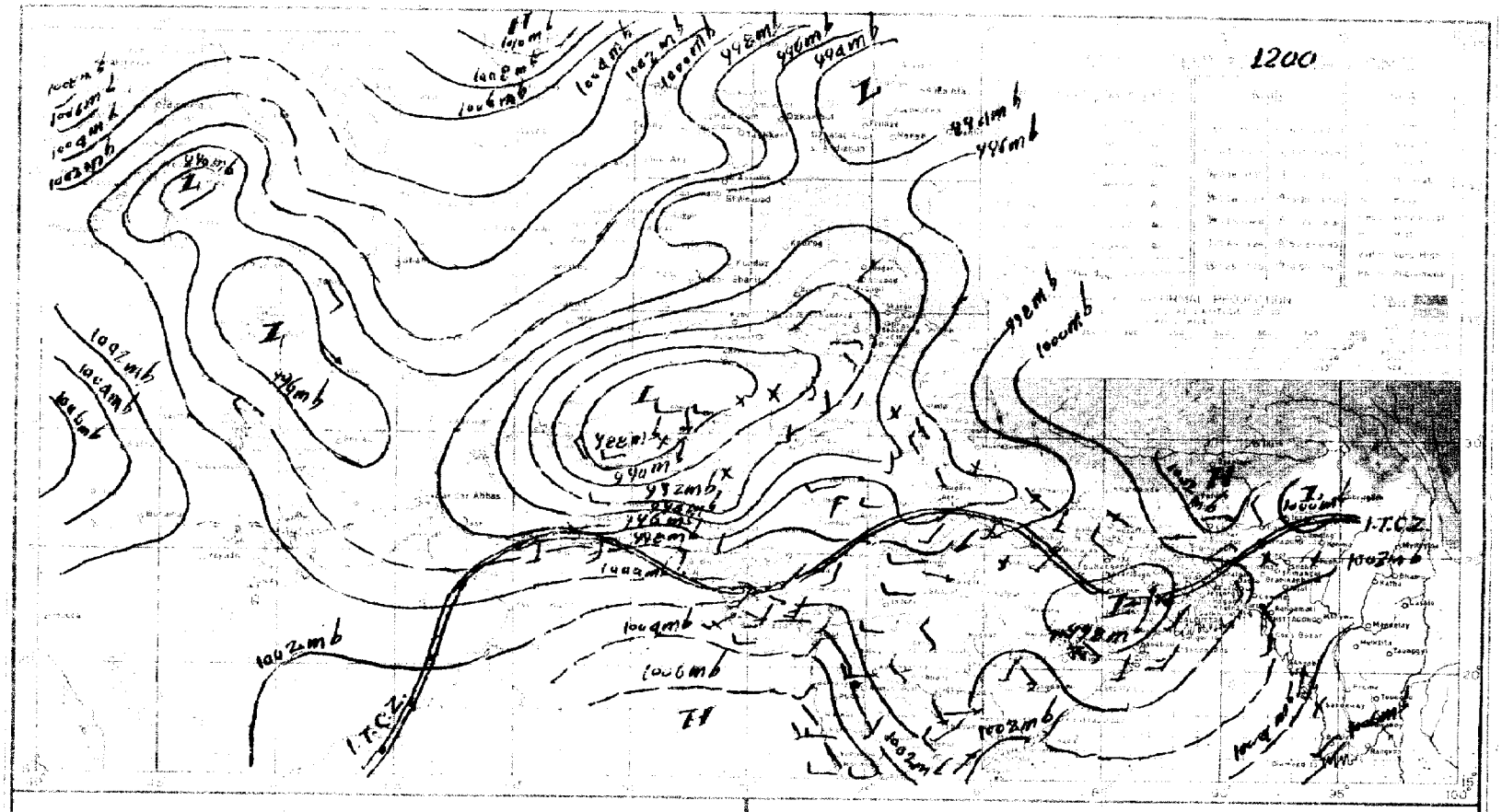
† The actual time of observations may vary within half an hour of the specified time.

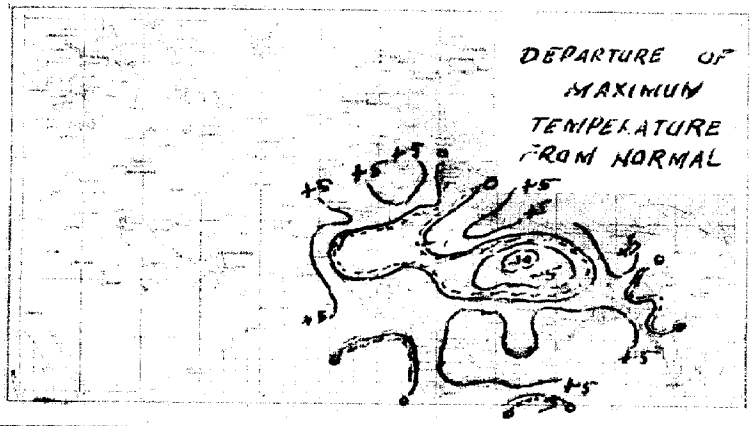
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

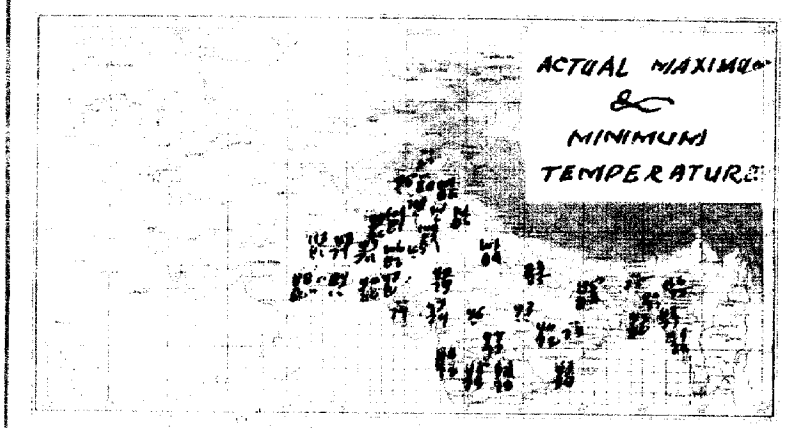
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32

# PAKISTAN DAILY WEATHER MAP

SATURDAY 10th JULY, 1971.



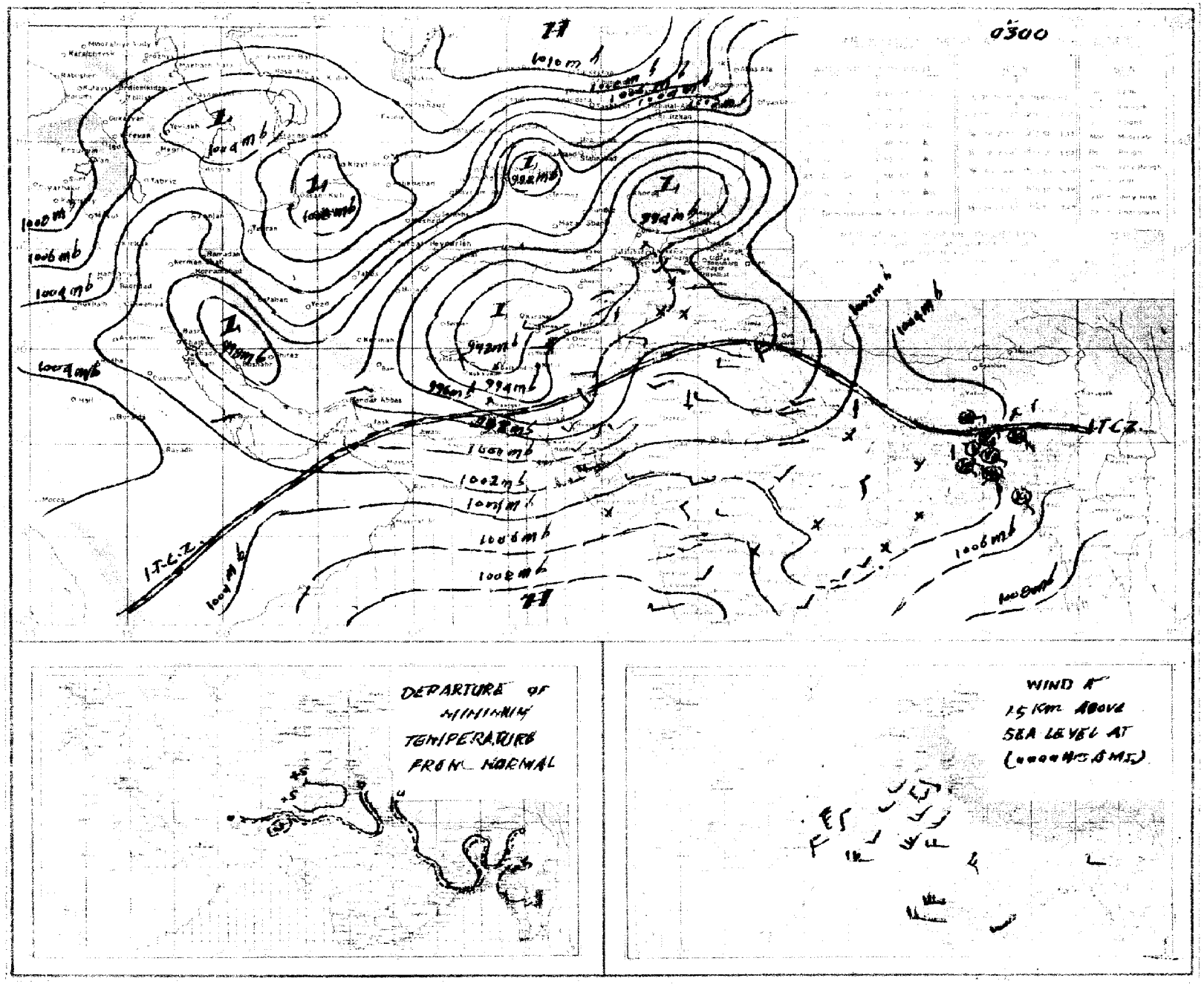




PRINTED AT THE SURVEY OF PAKISTAN OFFICE, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

SUNDAY 11th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 12th JULY, 1971.

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

Seasonal trough is well marked over Bihar and adjoining areas.

Rain/thundershowers have been widespread over East Pakistan.

Yesterday's westerly low pressure wave has moved away northeastwards. A shallow western disturbance is moving across northeast Afghanistan and adjoining areas of Russian Turkistan. The seasonal trough over Quetta and Kalat divisions is well marked.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are Narayanganj 1" (upto 0000 Z), Sylhet, Mymensingh, Jessore, Barisal and Bogra ¾" each, Khulna and Faridpur (upto 0000 Z) ½" each and Dacca ¼".

Day temperatures were 4—10 °F (2—6 °C) above normal in Quetta and Kalat divisions and 3—4 °F (2 °C) below normal in Lahore, Multan, Peshawar and Khairpur divisions.

**Forecast valid until the evening of the 13th July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered over Lahore and Peshawar divisions and Kashmir. Isolated light rain/drizzle are also likely over coastal Kalat and Karachi divisions.

Karachi-32
The 12th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN.
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day | | | | | | | | | | | | | | | | | At 0300 Hrs. G.M.T. of date | | | | | | | | | | | | | | | | | Departure from Normal of | | Rainfall | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Winds speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths)° | Dry Bulb temperature | Amount of Lowest Cloud † | Low Cloud from † | 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 degree | 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 | Maximum temperature | Minimum temperature | Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
| | | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TxTx | RRR | Wt | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | TdTd | TnTn | TxTx | TnTn | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati ... | 005 | 5 | 6 | 18 | 09 | 98 | 03 | 6 | 035 | 81 | 4 | 7 | 5 | 7 | 0 | 75 | 81 | 005 | 0 | 5 | 18 | 05 | 98 | 01 | 2 | 044 | 83 | 3 | 4 | 6 | 7 | 4 | 75 | 78 | — | — | — | — | — | — |
| | Cox's Bazar ... | 008 | 9 | 8 | 13 | 03 | 97 | 02 | 6 | 019 | 79 | 4 | 4 | 4 | 2 | 0 | 76 | 85 | 010 | 9 | 7 | 16 | 06 | 96 | 03 | 5 | 029 | 83 | 6 | 4 | 4 | 4 | 0 | 77 | // | — 1 | // | 65.4 | +21.7 | — | 140 |
| | Chittagong ... | 000 | 0 | 6 | 18 | 12 | 96 | 02 | 2 | 026 | 83 | 4 | 5 | 4 | 2 | 0 | 79 | 88 | 000 | 0 | 6 | 13 | 09 | 96 | 02 | 2 | 031 | 84 | 2 | 2 | 5 | 6 | / | 75 | 77 | + 2 | 0 | 45.5 | +15.3 | — | 108 |
| | Maijdee Court ... | 000 | 9 | 4 | 18 | 02 | 96 | 03 | 2 | 013 | 83 | 4 | 2 | 5 | 2 | 0 | 83 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 30.4 | + 1.8 | — | 115 |
| | Comilla ... | 000 | 0 | 4 | 13 | 05 | 96 | 02 | 2 | 018 | 77 | 4 | 4 | 7 | 0 | 0 | 77 | 90 | 012 | 6 | 4 | 13 | 05 | 96 | 02 | 6 | 025 | 81 | 4 | 4 | 5 | 0 | 0 | 77 | 77 | | 0 | 22.1 | — | — | 94 |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 78 |
| | Sylhet ... | 051 | 9 | 7 | 00 | 00 | 96 | 29 | 9 | 015 | 83 | 5 | 4 | 5 | 3 | 0 | 79 | 83 | 081 | 9 | 8 | 05 | 05 | 97 | 02 | 6 | 032 | 81 | 5 | 4 | 5 | 3 | / | 75 | 76 | — | — | 39.3 | — | — | — |
| | Srimangal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 98 |
| Dacca | Mymensingh ... | 015 | 3 | 7 | 13 | 02 | 97 | 02 | 6 | 020 | 84 | 7 | 5 | 4 | 0 | 0 | 79 | 91 | 071 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 081 | 84 | 6 | 5 | 4 | 0 | 0 | 79 | 78 | + 4 | 0 | 30.7 | + 6.4 | — | 91 |
| | Narayanganj ... | 000 | 0 | 8 | 13 | 03 | 95 | 03 | 2 | 010 | 84 | 6 | 6 | 6 | 6 | 1 | 79 | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | — | — | 74 |
| | Dacca (Tejgaon) ... | 000 | 0 | 7 | 18 | 05 | 97 | 02 | 6 | 011 | 85 | 4 | 8 | 5 | 4 | 4 | 77 | 87 | 018 | 9 | 7 | 13 | 02 | 97 | 02 | 9 | 019 | 83 | 6 | 8 | 4 | 7 | 0 | 79 | 76 | — | — | 16.1 | — | — | — |
| | Faridpur ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 71 |
| Khulna | Barisal ... | 013 | 6 | 6 | 3/ | 03 | 97 | 02 | 6 | 002 | 81 | 4 | 4 | 4 | 2 | 8 | 79 | 86 | 045 | 9 | 6 | 13 | 05 | 97 | 02 | 6 | 019 | 84 | 4 | 4 | 4 | 3 | 8 | 79 | 79 | — 1 | 0 | 23.8 | + 1.6 | — | 81 |
| | Khulna ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 050 | 9 | 4 | 18 | 05 | 97 | 02 | 0 | 008 | 84 | 0 | 4 | / | 0 | 0 | 84 | 79 | — | | 0.7 | —17.4 | — | 68 |
| | Satkhira ... | 000 | 0 | 6 | 18 | 03 | 97 | 03 | 3 | 997 | 88 | 4 | 3 | 9 | 2 | 1 | 79 | 92 | 000 | 0 | 4 | 18 | 03 | 97 | 03 | 2 | 002 | 88 | 4 | 3 | 8 | 0 | 0 | 77 | 79 | — | — | 18.4 | + 0.9 | — | 65 |
| | Jessore ... | 070 | 8 | 7 | 23 | 03 | 96 | 21 | 6 | 003 | 83 | 6 | 7 | 4 | 2 | 0 | 79 | 92 | 074 | 9 | 7 | 13 | 05 | 96 | 02 | 6 | 011 | 79 | 4 | 6 | 4 | 0 | / | // | 79 | + 3 | 0 | 3.2 | + 3.6 | — | 65 |
| Rajshahi | Pabna ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 080 | 9 | 8 | 13 | 02 | 96 | 01 | 6 | 011 | 81 | 6 | 7 | 3 | 3 | 0 | 79 | 77 | — | — | — | — | — | — |
| | Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 085 | 1 | 7 | 13 | 02 | 96 | 21 | 6 | 019 | 81 | 3 | 5 | 4 | 7 | 0 | 81 | 79 | — | 0 | — | — | — | 69 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| | Rangpur ... | 016 | 2 | 7 | 00 | 00 | 96 | 03 | 6 | 976 | 81 | 5 | 5 | 6 | 0 | 0 | // | // | 012 | 0 | 7 | 09 | 05 | 96 | 03 | 2 | 998 | 83 | 7 | 0 | 9 | 2 | 0 | 81 | 78 | // | 0 | 22.6 | + 1.8 | — | 84 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 5 | 07 | 03 | 95 | 06 | 2 | 965 | 97 | 2 | 5 | 7 | 7 | 0 | 75 | 98 | 003 | 0 | 5 | 23 | 02 | 96 | 06 | 1 | 996 | 90 | 5 | 0 | 9 | 7 | 0 | 72 | 86 | — 3 | + 5 | 5.0 | + 1.3 | 2.3 | 19 |
| | Sialkot ... | 000 | 2 | 8 | 00 | 00 | 94 | 05 | 4 | 976 | 93 | 8 | 0 | 9 | 2 | 1 | 78 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 11.0 | + 5.3 | 17.1 | 32 |
| Rawalpindi | Jhelum ... | 000 | 3 | 8 | 13 | 05 | 94 | 06 | 2 | 934 | 93 | 0 | 0 | 9 | 1 | 7 | 74 | 99 | 030 | 0 | 8 | 13 | 03 | 94 | 06 | 2 | 993 | 88 | 4 | 0 | 9 | 2 | 8 | 77 | 86 | — | — | 0.5 | — | — | — |
| | Islamabad ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi ... | 000 | 0 | 6 | 13 | 14 | 95 | 06 | 2 | 956 | 94 | 0 | 0 | 9 | 0 | 1 | 71 | 96 | 001 | 0 | 7 | 09 | 09 | 95 | 06 | 0 | 988 | 84 | 1 | 5 | 6 | 1 | 0 | 71 | 83 | — | — | 1.04 | + 5.7 | 17.9 | 36 |
| | Campbellpur ... | 000 | 0 | 0 | 05 | 00 | 98 | 00 | 0 | /// | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 07 | 000 | 0 | 0 | 07 | 00 | 97 | 00 | 0 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 75 | 88 | — | — | 0.7 | — | — | — |
| Sargodha | Khushab ... | 000 | 0 | 0 | 23 | 00 | 97 | 00 | 6 | 944 | 03 | 0 | 0 | 9 | 0 | 0 | 90 | 03 | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 2 | 998 | 90 | 0 | 0 | 9 | 4 | 4 | 79 | // | 0 | // | 0.6 | — 2.0 | 2.7 | 15 |
| | Sargodha ... | 000 | 0 | 2 | 23 | 07 | 95 | 06 | 0 | 956 | 99 | 2 | 0 | 9 | 3 | 0 | 73 | 01 | 000 | 0 | 1 | 00 | 00 | 95 | 06 | 0 | 989 | 89 | 0 | 0 | 9 | 0 | 1 | 75 | 85 | — | — | 1.9 | — | 6.0 | — |
| | Lyallpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 29 | 02 | 97 | 02 | 1 | 993 | 88 | / | 3 | 8 | 0 | 0 | 73 | 85 | — | + 3 | 5.6 | + 3.2 | 8.8 | 12 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| | Multan ... | 000 | 0 | 0 | 18 | 03 | 96 | 05 | 0 | 951 | 00 | 0 | 0 | 9 | 9 | 0 | 73 | 01 | 000 | 0 | 0 | 21 | 07 | 96 | 05 | 0 | 953 | 88 | 0 | 0 | 9 | 0 | 0 | 75 | 84 | — 4 | 0 | 1.4 | + 1.0 | 1.9 | 7 |
| | Leiah ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur ... | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 952 | 01 | 0 | 0 | 9 | 0 | 0 | 60 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.2 | — 1.0 | 0.6 | 6 |
| | Bahawalpur ... | 003 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 958 | 00 | 0 | 0 | 9 | 0 | 0 | 59 | 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.1 | 0.2 | 6 |
| | Fort Abbas ... | /// | | 0 | 05 | 04 | 98 | 00 | 0 | 959 | // | 0 | 0 | 9 | 0 | 0 | 93 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Malakand | Chakdara ... | 000 | 0 | 5 | 18 | 09 | 92 | 05 | 4 | 919 | 98 | 5 | 0 | 9 | 3 | 0 | 71 | 99 | 000 | 0 | 6 | 27 | 07 | 90 | 05 | 4 | 964 | 85 | 6 | 0 | 9 | 3 | 0 | 64 | 8/ | — | — | 2.4 | — | 12.6 | — |
| Peshawar | Peshawar ... | 000 | 0 | 6 | 07 | 03 | 95 | 06 | 1 | 916 | 04 | 2 | 5 | 6 | 3 | 1 | 71 | 06 | 000 | 0 | 0 | 00 | 00 | 96 | 03 | 0 | 980 | 86 | 0 | 0 | 9 | 0 | 0 | 72 | 82 | — | — | 0.2 | — 0.4 | 8.7 | 11 |
| | Haripur ... | 000 | 0 | 0 | 23 | 01 | 97 | 00 | 0 | 912 | 02 | 0 | 0 | 9 | 0 | 0 | 74 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.0 | — | 19.7 | — |
| D. I. Khan | Bannu ... | 000 | 0 | 5 | 16 | | 98 | 07 | 2 | 950 | 02 | 0 | 0 | 9 | 0 | 7 | 66 | 04 | 000 | 0 | 3 | 07 | 07 | 99 | 07 | 0 | 001 | 99 | 0 | 0 | 9 | 0 | 7 | 71 | 87 | — | — | 0.6 | — | 3.0 | 11 |
| | D. I. Khan ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 758 | 01 | 0 | 0 | 9 | 0 | 0 | 74 | 02 | 000 | 0 | 3 | 00 | 00 | 94 | 05 | 0 | 984 | 9 | 0 | 3 | 9 | 3 | 0 | 75 | 94 | — 2 | + 11 | | | | 9 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi ... | 000 | 0 | 0 | 36 | 14 | 96 | 02 | 4 | 853 | 15 | 0 | 0 | 9 | 0 | 0 | 57 | 16 | 000 | 0 | 0 | 36 | 17 | 95 | 05 | 4 | 911 | 97 | 0 | 0 | 9 | 0 | 0 | 62 | 90 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat ... | 000 | 0 | 0 | 20 | 04 | 98 | 00 | 0 | 003 | 00 | 0 | 0 | 9 | 0 | 0 | 76 | 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | — |
| | Jiwani ... | 000 | 0 | 2 | 16 | 09 | 96 | 01 | 0 | 961 | 86 | 0 | 0 | 9 | 0 | / | 76 | 88 | 000 | 0 | 3 | 11 | 07 | 96 | 01 | | 991 | 83 | 3 | 6 | 5 | 0 | 0 | 76 | // | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni ... | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | 133 | 80 | 0 | 0 | 9 | 0 | 0 | 79 | 09 | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 73 | // | — | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara ... | 000 | 0 | 1 | 20 | 14 | 96 | 04 | 4 | 965 | 86 | 1 | 6 | 6 | 0 | 0 | 77 | 89 | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 998 | 80 | 6 | 6 | 6 | 0 | 0 | 77 | // | — | — | 0.0 | — 0.1 | 0.0 | 6 |
| | Lasbela ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Karachi division | Karachi (Manora) ... | 000 | 0 | 7 | 25 | 09 | 96 | 03 | 2 | 986 | 82 | 7 | 5 | 5 | / | / | 75 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.2 | 8 |
| | Karachi (Airport) ... | 000 | 0 | 7 | 23 | 12 | 96 | 02 | 2 | 986 | 84 | 7 | 6 | 5 | 0 | 0 | 77 | 86 | 000 | 0 | 6 | 27 | 05 | 96 | 03 | 1 | 005 | 82 | 6 | 6 | 5 | 0 | 0 | 77 | 80 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor ... | 000 | 0 | 5 | 23 | 17 | 96 | 01 | 2 | 966 | 90 | 5 | 5 | 6 | 0 | 0 | 73 | 94 | 000 | 0 | 5 | 18 | 09 | 96 | 07 | 1 | 998 | 83 | 5 | 5 | 6 | 0 | 0 | 73 | 80 | — | — | 0.0 | — | 0.0 | 7 |
| | Hyderabad ... | 000 | 0 | 1 | 23 | 10 | 96 | 07 | 0 | 968 | 91 | 2 | 5 | 6 | 0 | 0 | 73 | 97 | 000 | 0 | 0 | 23 | 07 | 97 | 01 | 1 | 994 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 81 | — 2 | 0 | 0.0 | — 1.3 | 0.7 | 9 |
| | Badin ... | 000 | 0 | 0 | 20 | 05 | 96 | 02 | 1 | 978 | 69 | 0 | 0 | 9 | 0 | 0 | 75 | 92 | 000 | 0 | 7 | 23 | 07 | 96 | 03 | 1 | 039 | 84 | 3 | 2 | 6 | 6 | 0 | 75 | 81 | — | — | 0.0 | — 2.3 | 0.0 | — |
| Khairpur | Padidan ... | 000 | 0 | 1 | 23 | 05 | 96 | 05 | 0 | 929 | 07 | 0 | 0 | 9 | 0 | / | 69 | 08 | 000 | 0 | 0 | 13 | 03 | 94 | 02 | 0 | 982 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 07 | 96 | 02 | 0 | 984 | 86 | 0 | 0 | 9 | 0 | 0 | 79 | 81 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur ... | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 934 | 06 | 0 | 0 | 9 | 0 | 0 | 73 | 07 | 000 | 0 | 0 | 16 | 05 | 96 | 02 | 0 | 991 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 81 | — | — | 1.0 | — | 1.4 | — |
| | Kashmore ... | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 948 | 09 | 0 | 0 | 9 | 0 | 0 | // | 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad ... | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 935 | 04 | 0 | 0 | 9 | 0 | 0 | 72 | 05 | 000 | 0 | 0 | 13 | 07 | 96 | 05 | 0 | 995 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — 4 | — 2 | 2.3 | + 1.8 | 2.4 | 20 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * ... | 000 | 0 | 8 | 07 | 09 | 95 | 03 | 1 | /// | 72 | 8 | 9 | 2 | 1 | 1 | 69 | 75 | 008 | 9 | 9 | 13 | 02 | 96 | 01 | 2 | /// | 65 | 9 | / | 0 | / | / | 63 | 63 | — 2 | 0 | 20.3 | +11.9 | 28.8 | 29 |
| Malakand | Drosh * ... | 000 | 0 | 3 | 23 | 17 | 95 | 04 | / | 355 | 98 | 3 | 8 | 7 | 0 | 0 | 59 | 03 | 000 | 0 | 3 | 27 | 02 | 94 | 05 | 4 | 422 | 80 | 2 | 5 | 7 | 3 | 0 | 69 | 81 | + 7 | + 8 | 0.9 | — | 9.0 | — |
| Peshawar | Cherat * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — |
| | Kakul * ... | 000 | 0 | 7 | 23 | 09 | 93 | 05 | 2 | 425 | 85 | 5 | 3 | 6 | 4 | 0 | 69 | 88 | 000 | 0 | 8 | // | 09 | 93 | 05 | 2 | 441 | 77 | 6 | 8 | 6 | 2 | / | 69 | 75 | — | — | 17.4 | — | 32.0 | 29 |
| | Landikotal * ... | 030 | 0 | 0 | 18 | 05 | 97 | 07 | 5 | 410 | 79 | 0 | 0 | 9 | 0 | 0 | 64 | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * ... | 000 | 0 | 5 | 13 | 05 | 97 | 05 | 1 | 410 | 89 | 3 | 2 | 6 | 3 | 0 | 59 | 91 | 000 | 0 | 3 | 09 | 03 | 95 | 05 | 0 | 446 | 76 | 2 | 5 | 6 | 3 | 0 | 64 | 72 | + 14 | + 6 | 1.6 | — | 9.1 | 11 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 417 | 99 | 0 | 0 | 9 | 0 | 0 | 67 | 00 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 418 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 74 | — | — | 0.7 | — | 3.0 | 13 |
| | Wana * ... | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 399 | 97 | 0 | 0 | 9 | 0 | 0 | // | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.3 | — | 1.0 | — |
| Quetta | Fort Sandeman * ... | 000 | 0 | 0 | 05 | 07 | 95 | 05 | 4 | 377 | 99 | 0 | 0 | 9 | 0 | 0 | 55 | 03 | 000 | 0 | 0 | 36 | 02 | 95 | 05 | 4 | 420 | 82 | 0 | 0 | 9 | 0 | 0 | 65 | 79 | + 3 | + 5 | 2.9 | + 1.5 | 5.1 | 9 |
| | Hindubagh * ... | 000 | 0 | 0 | 09 | 02 | 98 | 02 | 0 | /// | 04 | 0 | 0 | 9 | 0 | 0 | 53 | 04 | 000 | 0 | 0 | 09 | 02 | 95 | 05 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 46 | 87 | — | — | 0.3 | — | 2.1 | — |
| | Loralai * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 380 | 99 | 0 | 0 | 9 | 0 | 0 | 61 | 02 | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 408 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 81 | — | — | 0.0 | — 1.4 | 0.0 | 8 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 18 | 09 | 97 | 02 | 0 | 372 | 02 | 0 | 0 | 9 | 0 | 0 | 63 | 04 | 000 | 0 | 0 | 13 | 12 | 96 | 04 | 0 | 410 | 79 | 0 | 0 | 9 | 0 | 0 | 66 | 69 | + 10 | + 1 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman * ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 418 | 07 | 0 | 0 | 9 | 0 | 0 | 83 | 08 | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 450 | 69 | 0 | 0 | 9 | 0 | 0 | 69 | 76 | + 6 | + 1 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * ... | 000 | 0 | 0 | 31 | 03 | 95 | 05 | 0 | 422 | 08 | 0 | 0 | 9 | 0 | 0 | 46 | 09 | 000 | 0 | 0 | 07 | 05 | 95 | 05 | 0 | 441 | 92 | 0 | 0 | 9 | 0 | 0 | 35 | 87 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * ... | 003 | 0 | 0 | 23 | 05 | 96 | 00 | 0 | 387 | 10 | 0 | 0 | 9 | 0 | 0 | 69 | 13 | 000 | 0 | 0 | 18 | 09 | 94 | 06 | 0 | 406 | 93 | 0 | 0 | 9 | 0 | 0 | 58 | 81 | 0 | + 7 | 0.0 | — 0.0 | 0.6 | 7 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 09 | 00 | 94 | 00 | 2 | 354 | 94 | 0 | 6 | 9 | 0 | 0 | 62 | 94 | 000 | 0 | 0 | 12 | 00 | 95 | 00 | 2 | 405 | 79 | 0 | 0 | 9 | 0 | 0 | 57 | 78 | + 1 | + 22 | 0.0 | — 0.4 | 0.4 | — |
| | Khuzdar * ... | 000 | 0 | 2 | 13 | 12 | 96 | 02 | 0 | 396 | 02 | 2 | / | 9 | 0 | 0 | 50 | 03 | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 402 | 83 | 0 | 0 | 9 | 0 | 0 | 70 | 79 | — | — | 0.1 | — | 0.3 | 5 |
| | Panjgur * ... | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 388 | 08 | 0 | 0 | 9 | 0 | 0 | 73 | 09 | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 413 | 78 | 0 | 0 | 9 | 0 | 0 | 74 | 75 | + 2 | — 2 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 12th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_sL_a$ | $Q_cL_aL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | $VV_{ww}W$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| | 99 1 50 | 10 6 61 | 12 0 03 | 62 5 18 | 98 0 31 | 06 0 26 | 22 3 29 | ... | ... | ... | 0 / 24 | 12 9 08 | 30 2 04 | 25 6 09 |
| | 99 1 23 | 10 5 53 | 12 0 03 | 32 3 20 | 97 0 10 | 05 1 27 | 21 8 00 | 53 4 00 | ... | 02 9 84 | 05 4 24 | ... | 30 1 08 | 23 8 08 |
| | 99 1 03 | 10 7 53 | 12 0 03 | 62 7 03 | 98 0 22 | 08 1 27 | 33 5 08 | 33 5 00 | ... | ... | ... | 12 7 73 | 30 1 01 | 26 9 04 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTTs DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 000 258 03 | 014 280 16 | 400 120 20 | 073 124 42 | 581 025 44 | 755 124 71 | 969 621 20 | 249 991 / / | 432 649 / / | 074 755 / / | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | ... | ... | ... |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 996 264 41 | 008 /// / / | 400 210 62 | 096 166 66 | 585 055 / / | 757 157 / / | 969 261 / / | 253 411 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 957 310 58 | 537 /// / / | 400 288 63 | 110 172 58 | 591 042 / / | 763 073 / / | 988 187 / / | 280 361 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 814 252 61 | ... | | 089 242 / / | 589 011 / / | 762 165 / / | 969 427 / / | 234 593 / / | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 997 310 56 | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels: PPP TTTs DD | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 530 005 56 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 600 106 58 | 463 000 / / | 175 413 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 242 / / | 600 124 / / | 588 000 / / | 350 230 / / | 212 269 / / | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 140 14 | 145 17 | 145 13 | 175 13 | ... | ... | ... | ... | ... | 130 14 | 145 18 | 155 25 | 195 14 | 240 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 220 22 | 215 15 | 225 16 | ... | 225 14 | ... | ... | ... | ... | 195 18 | 200 15 | 210 13 | ... | 225 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 175 15 | 185 20 | 185 23 | 190 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cher-t ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 160 08 | 195 13 | 200 18 | ... | ... | ... | ... | ... | ... | 125 13 | 120 19 | 160 18 | 215 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 160 12 | 170 13 | 170 17 | 170 13 | 170 11 | ... | ... | ... | ... | 110 / / | 165 10 | 180 10 | ... | 100 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 135 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 185 11 | 140 08 | 160 15 | 160 16 | 150 11 | 110 04 | 010 03 | 020 07 | 010 07 | 135 08 | 145 10 | 175 09 | 180 06 | 135 06 | 080 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 02 | 205 06 | 235 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 040 08 | 050 02 | 185 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 150 06 | 130 08 | 130 06 | 360 03 | 050 07 | 060 11 | 035 19 | 355 51 | 360 34 | 145 12 | 170 11 | 140 11 | 085 06 | 140 08 | 065 11 | 125 05 | 110 06 | 085 07 | 060 12 | 050 14 | 055 12 | 020 11 | ... | ... | ... | ... |
| Jaisore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 120 09 | 135 04 | 165 12 | 200 11 | ... | ... | ... | ... | ... | 120 10 | 135 01 | 125 14 | 150 15 | 130 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 125 16 | 120 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 240 14 | 245 15 | 250 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 175 08 | 165 05 | ... | 180 09 | 165 10 | 070 06 | 025 12 | 010 27 | 010 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 205 12 | 210 15 | 205 75 | 195 15 | 185 13 | 265 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 070 04 | 110 04 | 140 05 | 180 09 | ... | ... | ... | ... | ... | 170 07 | 225 10 | 235 10 | 250 10 | 250 08 | 240 04 | 270 05 | 215 05 | 275 06 | 225 04 | 195 05 | ... | ... | ... | ... | ... | ... |
| Multan ... | 165 06 | 175 07 | 175 06 | 145 08 | 155 06 | 050 09 | 020 18 | 350 20 | 350 19 | 220 12 | 210 19 | 220 26 | 195 04 | 065 33 | 355 04 | 220 09 | 200 08 | 155 10 | 160 13 | 125 11 | 110 10 | 075 11 | 030 09 | 030 19 | 055 11 | ... |
| Nawab Shah ... | 200 15 | 220 11 | 260 06 | 010 06 | 020 09 | 355 12 | 055 11 | 080 11 | 075 12 | 244 06 | 320 05 | 030 09 | 045 16 | 015 24 | ... | 155 03 | 025 03 | 025 05 | 025 17 | 030 11 | 025 17 | 040 33 | 045 35 | 055 39 | ... | ... |
| Nokkundi ... | ... | ... | 330 06 | 335 14 | 335 11 | 352 7 | 335 27 | 330 32 | 330 23 | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 09 | 260 11 | 280 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 330 06 | ... | 335 14 | 335 11 | 335 27 | 335 27 | 330 32 | 330 28 | ... | 300 02 | 190 03 | 195 04 | 135 04 | 330 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pasrchinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// / / | 085 01 | 275 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// / / | 190 08 | 190 00 | 041 01 | 060 14 | 055 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// / / | 175 06 | 325 07 | 030 09 | 090 05 | 175 03 | 055 11 | ... |
| Sargodha ... | 185 08 | 140 05 | 145 04 | 170 08 | 165 10 | ... | ... | ... | ... | 145 11 | 175 12 | 170 10 | 180 04 | 160 3/ | 025 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | 260 17 | 260 17 | 265 14 | 280 03 | 335 09 | 000 17 | 030 14 | 040 23 | 040 25 | 080 19 | 090 27 | 120 20 | 090 22 | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

**Cloud observation Data (Hiii Cdd $V_r$ V, etc.)**

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(height)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

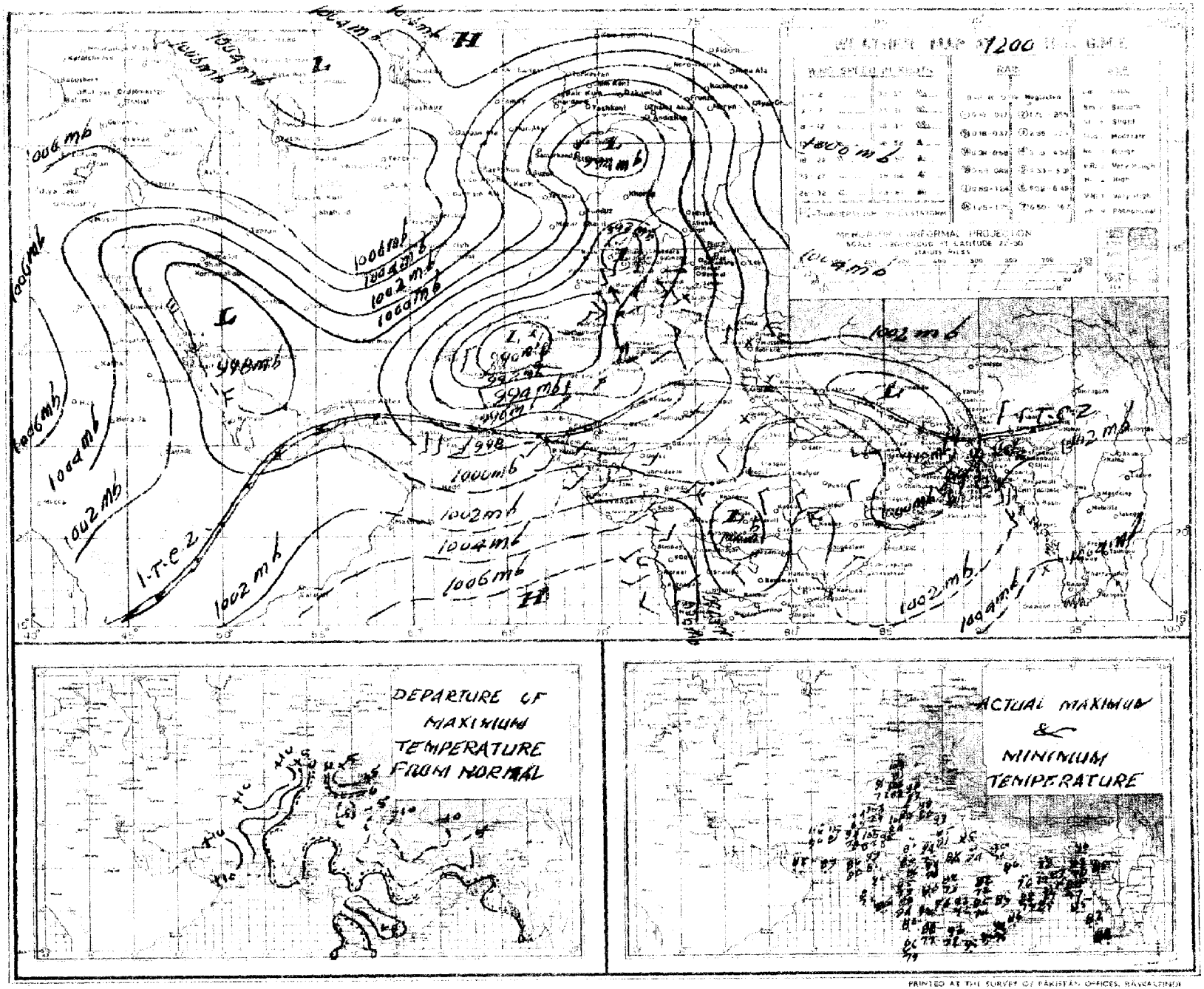
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

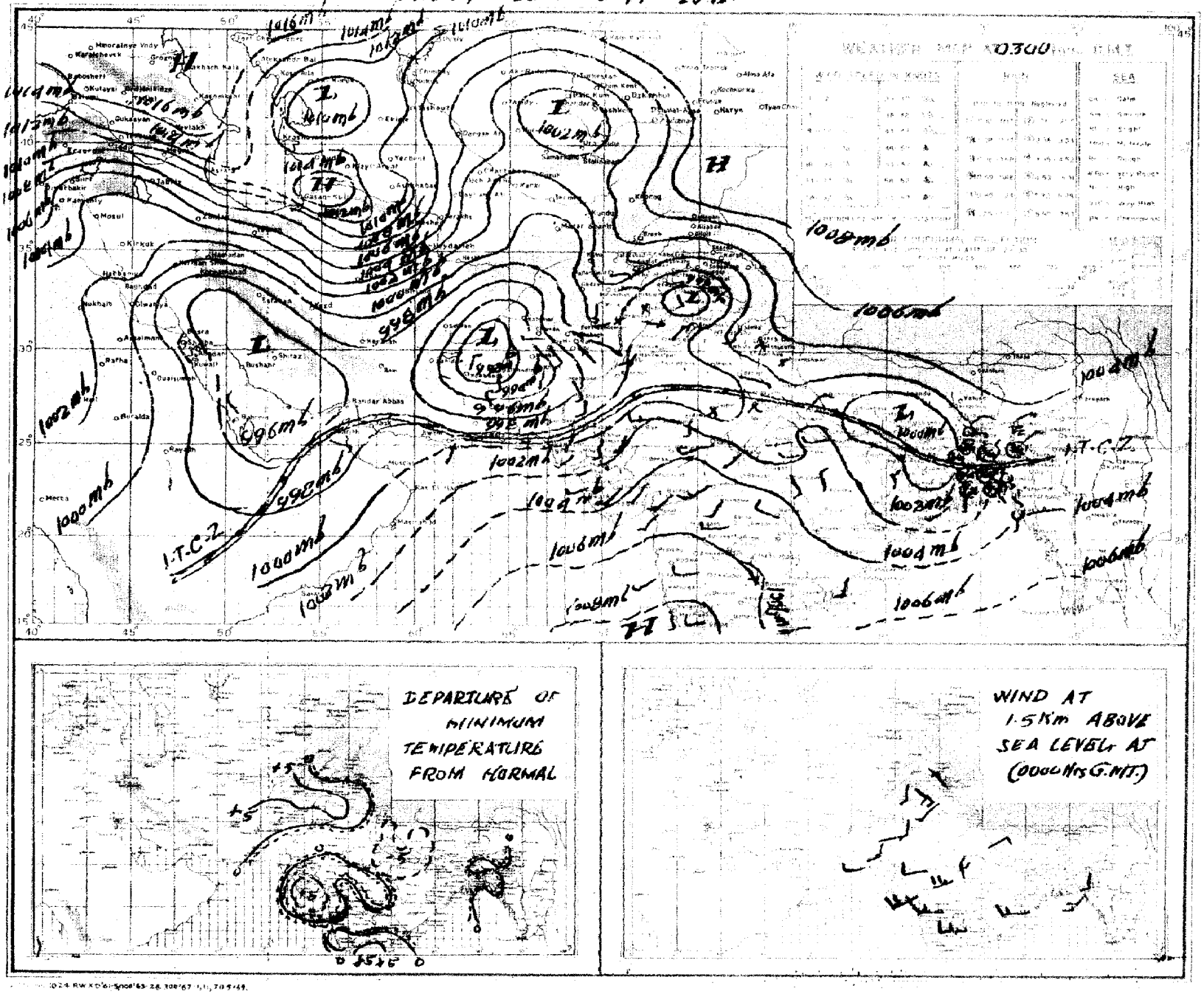
SUNDAY 11th JULY, 1971.




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

MONDAY 12th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**TUESDAY THE 13th JULY, 1971.**

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

The seasonal trough of low over Bihar and adjoining areas extends into north Bay of Bengal.
Scattered rain/thundershowers have occured in East Pakistan.
Yesterday's shallow western disturbance is now moving across east Russian Turkistan north of Kashmir.
The seasonal low over Quetta and Kalat divisions continuous to be well marked.
Scattered light rain has fallen in Rawalpindi and Peshawar divisions.
Mymensingh has recorded 1½" of rainfall.
Day temperatures were 3—8 °F (2—5 °C) below normal in Rajshahi, Lahore, Rawalpindi, Multan and Khairpur divisions and were to the same extent above normal in Chittagong, Dacca and Quetta divisions.

**Forecast valid until the evening of the 14th July, 1971** :—Rain/thundershowers will be local in the southern districts and scattered elsewhere in East Pakistan. Scattered thunderstorms/showers may occur in Kashmir and in Malakand and Rawalpindi divisions. A few falls of drizzle are also likely to occur in coastal Kalat and Karachi divisions.

Karachi-32
The 13th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs and tenths)° (PPP) | Dry Bulb temperature° (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wt) | Total Cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs and tenths)° (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of Maximum temperature (TxTx) | Departure from Normal of Minimum temperature (TnTn) | Rainfall Since 1st June, 1971 to-date | Rainfall Departure from normal | Rainfall Since 1st January, 1971 to-date | Rainfall Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 002 | 0 | 7 | 18 | 02 | 98 | 02 | 2 | 024 | 83 | 4 | 4 | 6 | 7 | 0 | 75 | 79 | | | | | | 140 |
| | Cox's Bazar | ... | 011 | 2 | 7 | 18 | 09 | 96 | 02 | 5 | 000 | 83 | 4 | 5 | 4 | 3 | 0 | 77 | 87 | 011 | 9 | 7 | 13 | 05 | 97 | 02 | 5 | 010 | 83 | 4 | 4 | 4 | 3 | 0 | 77 | 77 | + 1 | 0 | | | | 108 |
| | Chittagong | ... | 000 | 0 | 7 | 18 | 07 | 96 | 02 | 2 | 995 | 82 | 5 | 5 | 5 | 3 | 0 | 72 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | | | | 115 |
| | Maijdee Court | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 94 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 13 | 05 | 96 | 02 | 0 | 007 | 84 | 0 | 0 | 7 | 2 | 9 | 76 | 77 | — | 0 | | | | 78 |
| | Brahmanbaria | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Sylhet | ... | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 990 | 87 | 3 | 3 | 6 | 3 | 1 | 67 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 98 |
| | Srimangal | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 91 |
| Dacca | Mymensingh | ... | 125 | 3 | 5 | 00 | 00 | 97 | 02 | 6 | 997 | 84 | 5 | 5 | 5 | 0 | 0 | 79 | 92 | 120 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 017 | 85 | 6 | 5 | 4 | 0 | 0 | 79 | 79 | + 5 | + 1 | | | | 74 |
| | Narayanganj | ... | 000 | 0 | 8 | 13 | 02 | 95 | 02 | 2 | 986 | 94 | 5 | 6 | 0 | 3 | 1 | 81 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | | | | — |
| | Dacca (Tejgaon) | ... | 000 | 0 | 7 | 13 | 05 | 97 | 02 | 2 | 986 | 84 | 2 | 3 | 5 | 7 | 3 | 77 | 89 | 003 | 7 | 7 | 13 | 05 | 97 | 02 | 6 | 007 | 83 | 6 | 8 | 4 | 7 | 0 | 79 | 79 | — | — | | | | 71 |
| | Faridpur | ... | 004 | 5 | 6 | 16 | 02 | 97 | 02 | 6 | 940 | 84 | 4 | 5 | 1 | 0 | / | 79 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | | | | | 81 |
| Khulna | Barisal | ... | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 0 | 980 | 84 | 3 | 2 | 4 | 0 | 0 | 84 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 68 |
| | Khulna | ... | 000 | 0 | 6 | 18 | 04 | 97 | 03 | 5 | 969 | 84 | 6 | 5 | 9 | 2 | 0 | // | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | 65 |
| | Satkhira | ... | 005 | 8 | 9 | 09 | 02 | 96 | 01 | 6 | 977 | 83 | 3 | 6 | 4 | 2 | 0 | // | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | | | | | 65 |
| | Jessore | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 59 |
| Rajshahi | Pabna | ... | 000 | 0 | 8 | 13 | 02 | 96 | 01 | 2 | /// | 81 | 4 | 8 | 6 | 3 | / | 78 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 64 |
| | Sirajganj | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | — |
| | Rajshahi | ... | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 0 | 013 | 83 | 4 | 2 | 5 | 3 | 0 | 79 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — 2 | | | | 69 |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 09 | 05 | 96 | 03 | 2 | 004 | 85 | 5 | 6 | 4 | 3 | 0 | 80 | 77 | | | | | | 72 |
| | Dinajpur | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 |
| | Rangpur | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Jammu | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | ... | 000 | 0 | 3 | 27 | 02 | 96 | 06 | 1 | 962 | 99 | 2 | 2 | 7 | 3 | 0 | 71 | 00 | 000 | 0 | 6 | 27 | 03 | 96 | 06 | 1 | 972 | 88 | 2 | 5 | 7 | 1 | 7 | 72 | 86 | — 1 | + 5 | 5.0 | + 1.1 | 7.3 | 19 |
| | Sialkot | ... | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 974 | 92 | 8 | 0 | 9 | 2 | / | 79 | 93 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | | 11.0 | + 5.0 | 17.1 | 32 |
| Rawalpindi | Jhelum | ... | 000 | 0 | 7 | 13 | 05 | 95 | 06 | 2 | 963 | 55 | 3 | 0 | 9 | 1 | 3 | 80 | 96 | 030 | 3 | 8 | 13 | 05 | 95 | 06 | 2 | 976 | 86 | 3 | 5 | 6 | / | / | 76 | 85 | — | — | | | | — |
| | Islamabad | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | 1.04 | + 5.4 | 18.0 | 36 |
| | Rawalpindi | ... | 000 | 0 | 5 | 09 | 03 | 95 | 06 | 1 | 953 | 93 | 4 | 0 | 9 | 3 | 1 | 75 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | | | | — |
| | Campbellpur | ... | 000 | 0 | 5 | 13 | 00 | 97 | 02 | 0 | 955 | 04 | 0 | 0 | 9 | 0 | 0 | 90 | 02 | 000 | 0 | 8 | 00 | 00 | 97 | 03 | 2 | 961 | 90 | 3 | 5 | 9 | 3 | 5 | // | // | — 1 | — | 0.6 | — 1.1 | 2.7 | 15 |
| Sargodha | Khushab | ... | 000 | 0 | 4 | 18 | 03 | 96 | 06 | 0 | 948 | 02 | 1 | 5 | 6 | 3 | 0 | 73 | 34 | 000 | 0 | 6 | 27 | 05 | 96 | 06 | 2 | 967 | 90 | 6 | 0 | 9 | 3 | 0 | 73 | 86 | — | — | 1.9 | — | 6.1 | — |
| | Sargodha | ... | 000 | 0 | 0 | 07 | 02 | 98 | 03 | 0 | 945 | 96 | 0 | 0 | 9 | 0 | 0 | 64 | 01 | 000 | 0 | 4 | 29 | 02 | 97 | 02 | 1 | 968 | 90 | 4 | 0 | 9 | 0 | 4 | 72 | 95 | — 1 | — 3 | 5.6 | + 3.1 | 8.8 | 12 |
| | Lyallpur | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Multan | Sahiwal | ... | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 956 | 07 | 0 | 0 | 9 | 0 | 0 | 75 | 02 | 000 | 0 | 0 | 18 | 07 | 97 | 02 | 0 | 963 | 89 | 0 | 0 | 9 | 0 | 0 | 76 | 85 | — 3 | + 1 | 1.4 | + 0.1 | 2.0 | 7 |
| | Multan | ... | | | | | | | | | | | | | | | | | | 003 | 0 | 8 | 09 | 06 | 90 | 02 | 2 | 975 | 80 | 0 | 8 | 7 | 0 | 0 | // | // | | | | | | 8 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 971 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | // | | | 0.2 | — 1.1 | 0.6 | 6 |
| Bahawalpur | Khanpur | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 978 | 86 | 0 | 0 | 9 | 0 | 0 | 72 | 83 | — | — | 0.0 | — 1.1 | 0.3 | 6 |
| | Bahawalpur | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 967 | 02 | 0 | 0 | 9 | 0 | 0 | 75 | 03 | /// | / | 0 | 05 | 04 | // | // | | 969 | 80 | 0 | 0 | 9 | 0 | 0 | 69 | // | | | | | | 8 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | | | | | | | | | | | | | | | — |
| Malakand | Chakdara | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| Peshawar | Peshawar | ... | 000 | 0 | 4 | 36 | 05 | 95 | 06 | 1 | 921 | 00 | 1 | 1 | 6 | 0 | 1 | 76 | 02 | 000 | 0 | 2 | 36 | 02 | 95 | 06 | 1 | 945 | 90 | 2 | 0 | 9 | 3 | 0 | 77 | 87 | 0 | + 7 | 0.2 | — 0.5 | 8.7 | 11 |
| | Mardan | ... | 000 | 0 | 0 | 01 | 00 | 97 | 03 | 2 | 963 | 93 | / | / | / | / | / | 72 | 94 | 000 | 8 | 8 | 37 | 03 | 96 | // | 2 | 959 | 89 | 8 | 0 | 9 | 7 | 0 | 77 | 84 | — | — | 11.9 | — | 19.7 | — |
| D.I. Khan | Bannu | ... | 000 | 0 | 5 | 16 | 02 | 98 | 02 | | 953 | 02 | 0 | 0 | 9 | 0 | 7 | 70 | 03 | 000 | 0 | 2 | 16 | 01 | 99 | 03 | 0 | 969 | 88 | 8 | 0 | 9 | 0 | 7 | 71 | 86 | — | — | 0.6 | — | 3.1 | 11 |
| | D. I. Khan | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| Quetta | Sibi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Nokkundi | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Kalat | Turbat | ... | 000 | 0 | 5 | 16 | 14 | 96 | 01 | 1 | 979 | 85 | 5 | 6 | 5 | 0 | 0 | 75 | 88 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 049 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 82 | | | 0.0 | — | 0.0 | — |
| | Jiwani | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 1 | 995 | 82 | 5 | 6 | 5 | 0 | 0 | 75 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 85 | — | + 8 | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 6 | 00 | 00 | // | 06 | 6 | 986 | 79 | 6 | 6 | 6 | 0 | 0 | 76 | // | — | — | 0.0 | — 0.1 | 0.0 | 6 |
| | Lasbela | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 998 | 81 | 0 | 0 | 9 | 0 | 0 | 75 | 80 | | | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | Karachi (Airport) | ... | 000 | 0 | 5 | 23 | 14 | 96 | 01 | 1 | 995 | 87 | 4 | 6 | 5 | 3 | 0 | 76 | 89 | 000 | 0 | 7 | 25 | 07 | 96 | 02 | 2 | 998 | 81 | 7 | 0 | 9 | 3 | 0 | 77 | 79 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| | Chhor | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 4 | 23 | 05 | 97 | 02 | 0 | 990 | 84 | 1 | 6 | 5 | 3 | 0 | 75 | 81 | — | 0 | 0.0 | — 1.5 | 0.7 | 9 |
| | Hyderabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | | | | | | | | | | | | | | | — |
| | Badin | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 2 | 13 | 07 | 96 | 03 | 0 | 978 | 84 | 0 | 0 | 9 | 8 | 0 | 74 | 81 | | | 0.0 | — | 0.0 | — |
| Khairpur | Padidan | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 2 | 18 | 02 | 96 | 01 | 0 | 983 | 85 | 0 | 0 | 9 | 1 | 2 | 76 | 83 | — | — | 0.0 | — | 0.0 | 4 |
| | Nawabshah | ... | 000 | 0 | 5 | 18 | 02 | 96 | 03 | 1 | 965 | 99 | 2 | 2 | 6 | 3 | 0 | 79 | 04 | 000 | 0 | 4 | 23 | 05 | 96 | 03 | 0 | 978 | 44 | 4 | 0 | 9 | 6 | 0 | 72 | 81 | — | — | 0.9 | — | 1.3 | — |
| | Sukkur | ... | 000 | 0 | 6 | 31 | 12 | 95 | 05 | 4 | 877 | 13 | 0 | 0 | 9 | 0 | 0 | // | 15 | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Kashmore | ... | | | | | | | | | | | | | | | | | | 000 | 0 | 0 | 13 | 05 | 96 | 05 | 0 | 976 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — | — 2 | 2.3 | + 1.7 | 2.4 | 20 |
| Junagadh | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Veraval | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Dras | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Leh | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Hingar | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Rawalpindi | Murree | * ... | 000 | 6 | 8 | 07 | 05 | 97 | 03 | 4 | /// | 69 | 8 | 5 | 2 | / | / | 65 | 69 | 005 | 9 | 9 | 05 | 02 | 90 | 49 | 6 | /// | 65 | 9 | / | 0 | / | / | 63 | 63 | — 8 | 0 | 20.4 | +11.7 | 29.0 | — |
| Malakand | Drosh | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Peshawar | Cherat | * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 3 | 18 | 05 | 97 | 01 | 2 | 409 | 82 | 3 | 2 | 8 | 0 | 0 | 67 | 77 | — | + 6 | 0.9 | — 1.6 | 0.5 | — |
| | Kakul | * ... | 000 | 9 | 8 | 09 | 02 | 94 | 05 | 6 | 421 | 80 | 8 | 5 | / | / | / | 70 | 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.4 | — | 32.1 | 29 |
| | Landikotal | * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 09 | 05 | 97 | 02 | 2 | 413 | 85 | 2 | 0 | 9 | 3 | 0 | 71 | 80 | | | 0.4 | — | 10.1 | 13 |
| | Parachinar | * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 012 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 414 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 70 | — | + 4 | 1.7 | — | 9.3 | 11 |
| D.I. Khan | Miranshah | * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 414 | 98 | 0 | 0 | 9 | 0 | 0 | 69 | 99 | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 416 | 87 | 0 | 0 | 9 | 0 | 0 | 71 | 75 | — | — | 0.0 | — 1.6 | 1.3 | 13 |
| | Wana | * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | 77 | | | 0.2 | — | 0.9 | — |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 0 | 21 | 05 | 95 | 05 | 4 | 391 | 98 | 0 | 0 | 9 | 0 | 0 | 57 | 00 | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 4 | 401 | 84 | / | / | 9 | / | / | 66 | 80 | 0 | + 6 | 2.9 | + 1.4 | 5.1 | 9 |
| | Hindubagh | * ... | 000 | 0 | 0 | 02 | 19 | 95 | 05 | 0 | /// | 97 | 0 | 0 | 9 | 0 | 0 | 56 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | | 0.4 | — | 2.1 | — |
| | Loralai | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Harnai | * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | /// | 96 | 6 | 0 | 9 | 0 | 0 | 74 | 97 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.5 | 0.0 | 8 |
| | Samungli (Quetta) | * ... | 000 | 0 | 1 | 31 | 01 | 98 | 03 | 0 | 374 | 01 | 1 | 6 | 6 | 0 | 0 | 32 | 02 | 000 | 0 | 1 | 13 | 09 | 96 | 06 | 0 | 406 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 72 | + 8 | + 4 | 0.4 | + 0.3 | 3.2 | — |
| | Chaman | * ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 418 | 07 | 0 | 0 | 9 | 0 | 0 | 83 | 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 10 | | 0.0 | — | 0.1 | — |
| | Nushki | * ... | 000 | 0 | 0 | 27 | 03 | 95 | 05 | 0 | 433 | 10 | 0 | 0 | 9 | 0 | 0 | 56 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.1 | 0.4 | 4 |
| | Dalbandin | * ... | 000 | 0 | 0 | 31 | 05 | 94 | 06 | 0 | 395 | 12 | 0 | 0 | 9 | 0 | 0 | 39 | 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 2 | 354 | 91 | 0 | 0 | 9 | 0 | 0 | 67 | 97 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.5 | 0.4 | — |
| | Khuzdar | * ... | 000 | 0 | 5 | 13 | 10 | 97 | 03 | 1 | 391 | 95 | 2 | 8 | 7 | 3 | 1 | 57 | 97 | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 394 | 80 | 0 | 0 | 9 | 0 | 0 | 64 | 77 | | | 0.1 | — | 0.3 | 5 |
| | Panjgur | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 13th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV w w W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA | | | | | | | | | | | | | | |
| ... ... | 99 2 08 | 10 6 85 | 13 0 63 | 62 2 19 | 98 0 12 | 03 9 23 | 23 9 28 | 23 4 30 | ... | ... | 0/ / 24 | 12 7 61 | 30 5 04 | 22 8 06 |
| ... ... | 99 2 23 | 10 6 00 | 13 0 63 | 02 1 05 | 97 0 11 | 99 4 24 | 00 9 00 | ... | ... | 84 6 05 | 00 6 22 | 12 1 44 | 30 3 02 | 19 5 02 |
| ... ... | 99 2 21 | 10 6 20 | 13 0 63 | 62 1 18 | 98 0 11 | 98 3 27 | 43 4 37 | 24 1 15 | ... | ... | 0/ / 25 | 12 6 52 | 30 3 03 | 21 7 06 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo) | 1000mb (hhh TTTa DD) | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 98/ 262 // | ... | 420 182 00 | 039 104 12 | 577 039 03 | 750 135 28 | 964 265 59 | 242 503 // | 424 665 // | 663 775 // | ... | ... | ... |
| Dacca ... | 00 00 | 998 268 05 | ... | 400 180 05 | 049 108 28 | 578 041 59 | 752 133 78 | 9/6 275 13 | 246 489 // | 429 631 // | 670 769 // | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 996 247 38 | ... | 400 214 24 | 060 124 60 | 582 035 // | 755 131 // | 970 211 // | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 995 298 54 | ... | 300 262 61 | 960 154 34 | 537 005 // | 745 137 // | 958 271 // | 237 489 // | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 815 236 62 | ... | ... | 091 158 // | 587 004 // | 763 08/ // | 982 179 // | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 975 300 56 | ... | 380 194 // | 026 110 // | 576 055 // | 745 231 // | 947 467 // | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed (PmPmPmdmdmfmfmfm) | TROPOPAUSE First ($P_tP_tP_tT_tT_tT_{at}$) | Transition (dtdtftftft) | Second ($P_tP_tP_tT_tT_tT_t$) | Transition (dt dt ft ft ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 161 0/ | 145 13 | 150 13 | 135 16 | 150 09 | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 160 1/ | 155 13 | 140 13 | 140 13 | 135 10 | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 165 07 | 165 16 | 180 15 | 230 10 | 250 09 | ... | ... | ... | ... |
| Dacca ... | 170 12 | 170 09 | 185 10 | 140 11 | 160 09 | 150 08 | 140 03 | 050 08 | 075 07 |
| D. Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 160 11 | 155 13 | 145 13 | 100 08 | 085 06 | 020 0! | 340 13 | 320 15 | 335 21 |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 125 12 | 155 05 | 155 07 | 185 06 | 330 07 | 310 15 | ... | ... | ... |
| Jiwani ... | 140 24 | 130 2/ | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 230 19 | 230 21 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 240 11 | 235 12 | 245 12 | 260 09 | 280 07 | 265 05 | 215 55 | 255 23 | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 241 04 | 240 07 | 240 08 | 240 09 | 230 07 | 220 06 | ... | ... | ... |
| Multan ... | 205 12 | 190 15 | 195 17 | 195 19 | 185 17 | ... | ... | ... | ... |
| Nawab Shah ... | 175 12 | 180 10 | 175 06 | 360 05 | 025 15 | 025 21 | ... | ... | ... |
| Nokkundi ... | ... | ... | 320 12 | 310 10 | 055 03 | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 195 04 | 310 05 | 350 13 | 310 04 | 290 04 |
| Sargodha ... | 175 02 | 150 05 | 155 04 | 175 06 | 215 04 | 290 12 | 290 07 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 205 15 | 215 14 | 220 15 | 195 17 | 180 19 | 180 24 |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 105 13 | 105 10 | ... | ... | 090 01 | ... |
| D. Ibandin ... | ... | ... | 265 10 | 260 19 | 315 15 | 340 14 |
| D. I. Khan ... | 160 07 | 195 13 | 165 09 | 140 05 | 065 06 | 135 07 |
| Drosh ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 030 06 | 005 02 | 210 05 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 180 19 | 180 18 | 155 13 | 070 08 | 360 11 | 360 02 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 155 07 | 175 06 | 185 06 | 145 08 | 130 12 | ... |
| Jiwani ... | 145 06 | 153 08 | 140 10 | ... | ... | ... |
| Karachi ... | 250 15 | ... | 270 15 | 273 14 | 270 16 | 045 21 |
| Khanpur ... | 205 13 | 215 10 | 221 50 | 225 21 | ... | 025 03 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 115 14 | 210 14 | 170 12 | 015 12 | 042 11 | 045 12 |
| Nokkundi ... | ... | ... | 350 24 | 340 26 | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 355 12 | 260 12 | 260 05 | 288 09 | 290 12 |
| Parachinar ... | ... | ... | ... | 270 07 | 035 05 | 295 27 |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 245 10 | 240 15 | 235 17 | 230 13 | 155 04 | 075 10 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 070 05 | 0E0 05 | 090 06 | 090 15 | ... | ... | ... | ... | ... | ... | ... |
| D. Ibandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | 250 15 | 260 16 | 270 14 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 335 09 | 300 07 | 300 09 | ... | 223 11 | ... | 265 12 | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 330 13 | 345 17 | 350 23 | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 360 03 | 215 03 | 210 04 | 310 03 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 150 04 | 190 04 | 175 09 | 160 08 | 245 10 | 315 15 | 005 09 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 250 15 | 250 15 | 270 15 | 270 14 | 270 16 | 045 22 | 040 24 | 035 42 | 045 39 | 065 32 | 075 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

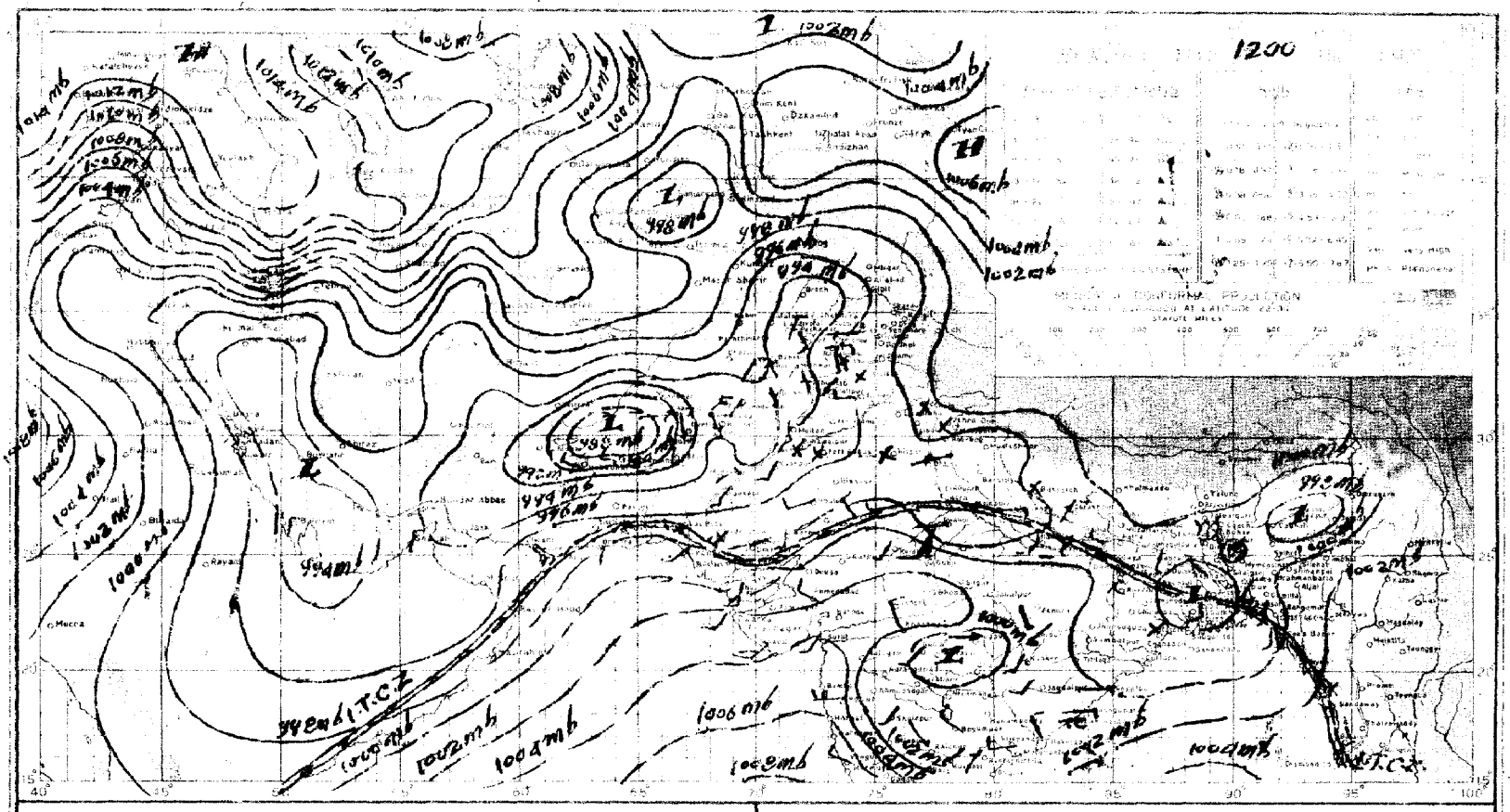
† The actual time of observations may vary within half an hour of the specified time.

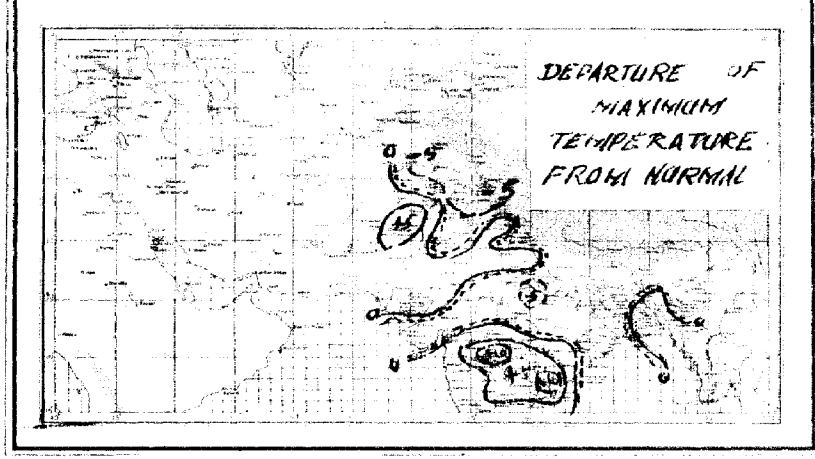
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

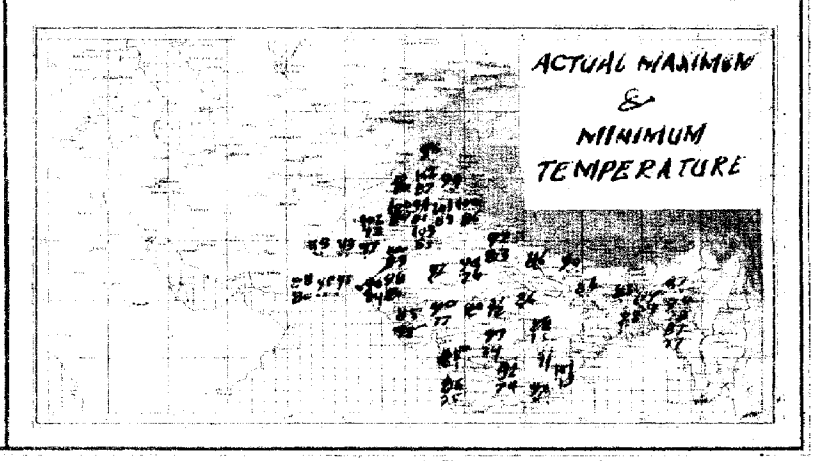
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

MONDAY 12th JULY 1971



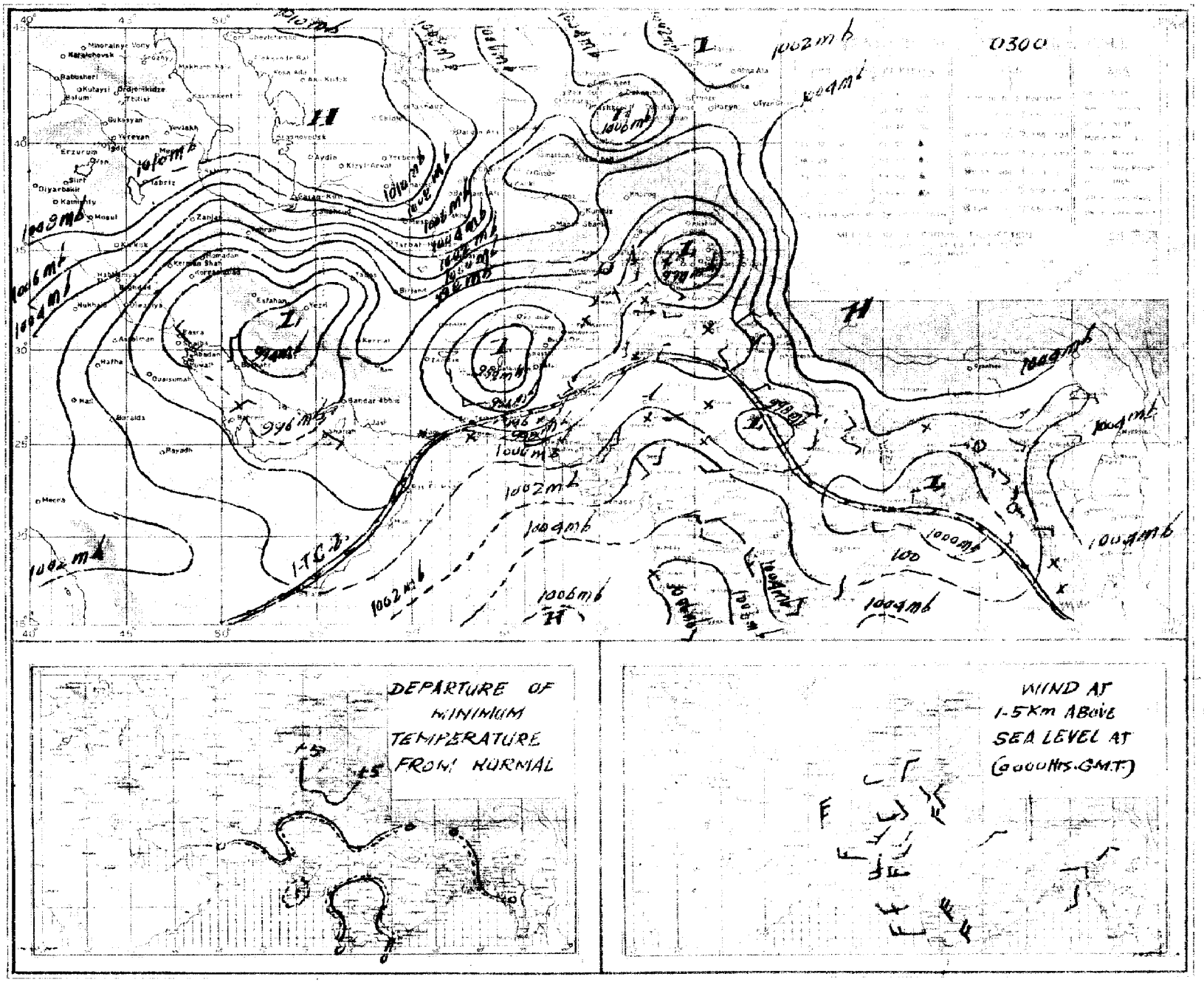




PRINTED AT THE SURVEY OF PAKISTAN

# PAKISTAN DAILY WEATHER MAP

TUESDAY 13th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

Reg. No. S-1467
Volume No. 25

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 14th JULY, 1971.**

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

Yesterday's trough of low extending into the north Bay of Bengal which lay as a well marked low over there last evening persists.

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

Yesterday's western disturbance north of Kashmir has moved away northeastwards.

A secondary western disturbance which lay over Afghanistan and adjoining areas of West Pakistan last evening is now affecting Malakand, Peshawar and D. I.-Khan divisions.

Incursion of moist easterlies has started into northeastern divisions of West Pakistan.

Under their influence rain/thundershowers have been widespread in Rawalpindi and Malakand divisions, local in Multan and Peshawar divisions and scattered in Lahore, Sargodha, D. I. Khan and Kalat divisions. Scattered thunderstorms have also been reported from Quetta division and a few falls of drizzle from Karachi division.

Chief amounts of rainfall are Compbellpur 2". Kakul ¾", Haripur, D. I. Khan and Khuzdar ½" each and Chittagong, Mymensingh, Khulna, Satkhira, Jessore and Multan ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in Dacca, Chittagong, Rajshahi, Malakand, Quetta and Kalat divisions, and were to the same extent below normal in Lahore, Rawalpindi and Khairpur divisions.

**Forecast valid until the evening of the 15th July, 1971** :—Rain/thundershowers will be fairly widespread in southern districts and local elsewhere in East Pakistan and also in Lahore, Rawalpindi, Sargodha and Peshawar divisions and scattered in Malakand, D.I. Khan, Multan, Bahawalpur and Khairpur divisions and in Kashmir.

**Heavy Rainfall Warning** : Moderate to heavy rain is likely to fall at a few places in East Pakistan and in Lahore, Rawalpindi, Sargodha and Peshawar divisions during next 36 hours.

Karachi-32
The 14th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † GL (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 | Rang-mati | 000 | 0 | 3 | 23 | 14 | 96 | 01 | 1 | 959 | 83 | 3 | 2 | 6 | 0 | 0 | 69 | 95 |
| | Cox's Bazar | 000 | 0 | 7 | 18 | 10 | 96 | 02 | 2 | 972 | 83 | 5 | 5 | 4 | 3 | 0 | 77 | 91 |
| | Chittagong | 000 | 0 | 7 | 23 | 06 | 96 | 02 | 2 | 978 | 84 | 4 | 4 | 4 | 3 | 0 | 77 | 88 |
| | Maijdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | | | | | | | | | | | | | | | | | |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 000 | 0 | 6 | 00 | 00 | 97 | 12 | 9 | 971 | 90 | 4 | 2 | 6 | 3 | 0 | 79 | 91 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 000 | 0 | 3 | 00 | 00 | 97 | 01 | 1 | 985 | 88 | 3 | 6 | 7 | 1 | 0 | 80 | 92 |
| | Narayanganj | 000 | 0 | 8 | 13 | 02 | 95 | 02 | 2 | 970 | 90 | 6 | 6 | 4 | 3 | 1 | 79 | 90 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 964 | 88 | 5 | 4 | 9 | 3 | 2 | 79 | // |
| | Faridpur | 000 | 0 | 7 | 16 | 05 | 96 | 02 | 2 | 989 | 88 | 5 | 4 | 5 | 1 | 0 | 80 | 91 |
| Khulna | Barisal | 000 | 0 | 7 | 17 | 06 | 97 | 02 | 6 | 972 | 84 | 5 | 4 | 4 | 2 | 8 | 75 | 87 |
| | Khulna | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 976 | 84 | 2 | 2 | 4 | 0 | 0 | 83 | 89 |
| | Satkhira | 020 | 2 | 6 | 00 | 00 | 97 | 03 | 6 | 968 | 84 | 4 | 3 | 9 | 3 | 0 | 80 | 83 |
| | Jessore | 024 | / | 9 | 09 | 03 | 96 | 03 | 9 | 956 | 80 | 5 | 6 | 4 | 2 | 0 | 79 | 89 |
| Rajshahi | Pabna | 000 | 0 | 2 | 09 | 05 | 99 | 00 | 1 | /// | 84 | 2 | 2 | 6 | 0 | 0 | 75 | 00 |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 000 | 0 | 6 | // | 03 | 96 | 02 | 0 | 969 | 87 | 4 | 2 | 5 | 3 | 0 | 77 | 89 |
| | Bogra | 000 | 0 | 7 | 05 | 03 | 96 | 03 | 2 | 970 | 87 | 4 | 6 | 5 | 3 | 0 | 80 | 90 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 000 | 0 | 1 | 00 | 00 | 96 | 01 | 0 | 967 | 89 | 1 | 0 | 9 | 1 | 0 | 82 | 95 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | /// | 1 | 6 | 00 | 00 | 96 | 05 | 1 | 948 | 00 | 2 | 1 | 7 | 2 | 7 | 72 | 00 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rawalpindi | Jhelum | 000 | 3 | 7 | 00 | 00 | 96 | 17 | 9 | 955 | 92 | 5 | 3 | 6 | 2 | 0 | 75 | 94 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 7 | 09 | 12 | 97 | 03 | 9 | 993 | 82 | 2 | 5 | 6 | 3 | 0 | // | 92 |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha | Khushab | 000 | 0 | 0 | 05 | 05 | 97 | 06 | 0 | 951 | 06 | 0 | 0 | 9 | 0 | 0 | 73 | 08 |
| | Sargodha | 000 | 0 | 1 | 13 | 09 | 97 | 02 | 1 | 941 | 00 | 1 | 5 | 9 | 0 | 0 | 72 | 03 |
| | Lyallpur | 000 | 0 | 6 | 29 | 02 | 97 | 02 | 1 | 943 | 94 | 6 | 4 | 7 | 0 | 0 | 67 | 99 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 3 | 21 | 10 | 96 | 07 | 0 | 930 | 00 | 1 | 0 | 9 | 3 | 1 | 73 | 02 |
| | Leiah | 000 | 0 | 0 | 36 | 06 | 95 | 00 | 0 | /// | 09 | 0 | 0 | 9 | 0 | 0 | 78 | 09 |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 996 | 02 | 0 | 0 | 9 | 0 | 0 | 70 | 03 |
| | Bahawalpur | | | | | | | | | | | | | | | | | |
| | Fort Abbas | /// | / | 0 | 13 | 04 | 58 | 03 | 0 | 959 | 03 | 0 | 0 | 9 | 0 | 0 | 95 | 14 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 7 | 27 | 15 | 97 | 17 | 9 | 933 | 88 | 5 | 3 | 6 | 2 | 0 | 65 | 00 |
| | Haripur | 056 | 4 | 8 | 36 | 01 | 97 | 01 | 2 | 867 | 84 | 8 | 0 | 9 | 7 | 0 | // | 94 |
| D. I. Khan | Bannu | 000 | 0 | 5 | 16 | 02 | 98 | 01 | 2 | 931 | 03 | 0 | 0 | 9 | 7 | 7 | 64 | 04 |
| | D I Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 31 | 18 | 9: | 05 | 4 | 879 | 09 | 0 | 0 | 9 | 0 | 0 | // | // |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 03 | 98 | 00 | 0 | 015 | 98 | 1 | 0 | 9 | 0 | 0 | 68 | 98 |
| | Jiwani | 000 | 0 | 5 | 18 | 14 | 96 | 02 | 1 | 965 | 65 | 4 | 6 | 5 | 3 | 0 | 73 | 87 |
| | Pasni | 000 | 0 | 0 | 27 | 04 | 97 | 02 | 1 | /// | // | | | / | / | / | / | // |
| | Ormara | 000 | 0 | 1 | 20 | 09 | 96 | 02 | 2 | 966 | 87 | 1 | 6 | 6 | 0 | 0 | 74 | 90 |
| | Lasbela | /// | 1 | 2 | 13 | 03 | 97 | 00 | 0 | 965 | 02 | 0 | 0 | 9 | 0 | 0 | 79 | 02 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) | 000 | 0 | 5 | 23 | 12 | 96 | 01 | 2 | 985 | 86 | 3 | 6 | 5 | 3 | 0 | 77 | 90 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad | 000 | 0 | 2 | 23 | 07 | 97 | 01 | 1 | 961 | 95 | 2 | 5 | 6 | 0 | 0 | 72 | 97 |
| | Badin | 000 | 0 | 5 | 23 | 07 | 97 | 01 | 2 | 979 | 90 | 5 | 4 | 6 | 0 | 0 | 73 | 92 |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Nawabshah | 000 | 0 | 2 | 13 | 12 | 96 | 01 | 0 | 947 | 99 | 2 | 0 | 9 | 2 | 0 | 77 | 01 |
| | Sukkur | 000 | 0 | 5 | 23 | 05 | 97 | 01 | 1 | 060 | 94 | 5 | 2 | 6 | 0 | 0 | 79 | 95 |
| | Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jacobabad | /// | / | 0 | 18 | 05 | 97 | 02 | 0 | 927 | 03 | 0 | 0 | 9 | 0 | 0 | 71 | 00 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Drosh * | 000 | 4 | 7 | 25 | 16 | 94 | 17 | 9 | 349 | 92 | 6 | 9 | 5 | 2 | 0 | 64 | 01 |
| Peshawar | Cherat * | | | | | | | | | | | | | | | | | |
| | Kakul * | 073 | 4 | 8 | 31 | 02 | 94 | 61 | 9 | 411 | 68 | 8 | 6 | 4 | / | / | 66 | 81 |
| | Landikotal * | 038 | 3 | 6 | 18 | 05 | 97 | 01 | 6 | 406 | 87 | 6 | 7 | / | 0 | 0 | 71 | 98 |
| | Parachinar * | | | | | | | | | | | | | | | | | |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 424 | 97 | 0 | 0 | 9 | 0 | 0 | 71 | 98 |
| | Wana * | 000 | 0 | 0 | 13 | 08 | 97 | 03 | 0 | 399 | 91 | 3 | 5 | 8 | 0 | 0 | 64 | 96 |
| Quetta | Fort Sandeman * | 000 | 0 | 7 | 23 | 05 | 95 | 17 | 9 | 369 | 85 | 6 | 3 | 6 | / | / | 77 | // |
| | Hindubagh * | 000 | 0 | 0 | 27 | /3 | 95 | 05 | 0 | /// | 00 | 0 | 0 | 9 | 0 | 0 | 54 | 03 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Samungli (Quetta) * | 000 | 0 | 0 | 31 | 07 | 95 | 06 | 0 | 348 | 99 | 0 | 0 | 9 | 0 | 0 | 38 | 00 |
| | Chaman * | 000 | 0 | 0 | 27 | 05 | 94 | 05 | 0 | 427 | 05 | 0 | 0 | 9 | 0 | 0 | 86 | 06 |
| | Nushki * | 000 | 0 | 0 | 29 | 03 | 94 | 06 | 0 | 422 | 08 | 0 | 0 | 9 | 0 | 0 | 46 | 06 |
| | Dalbandin * | /// | / | / | 18 | 07 | 94 | 06 | 0 | 382 | 09 | 0 | 0 | 9 | 0 | 2 | 11 | 11 |
| Kalat | Kalat * | 000 | 0 | 0 | 36 | 02 | 94 | 00 | 2 | 345 | 92 | 0 | 0 | 9 | 0 | 0 | 76 | 93 |
| | Khuzdar * | 000 | 0 | 7 | 13 | 16 | 97 | 17 | 1 | 359 | 99 | 6 | 5 | 9 | / | / | 59 | 01 |
| | Panjgur * | 000 | 0 | 2 | 31 | 05 | 95 | 05 | 0 | 393 | 05 | 0 | 0 | 9 | 0 | 1 | 81 | 06 |

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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rang-mati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | 000 | 0 | 6 | 13 | 03 | 96 | 02 | 2 | 000 | 87 | 4 | 5 | 4 | 4 | 0 | 75 | 79 |
| Chittagong | 019 | 9 | 6 | 09 | 03 | 96 | 02 | 6 | 002 | 84 | 1 | 2 | 5 | 6 | 2 | 77 | 77 |
| Maijdee Court | | | | | | | | | | | | | | | | | |
| Comilla | | | | | | | | | | | | | | | | | |
| Brahmanbaria | | | | | | | | | | | | | | | | | |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Srimangal | | | | | | | | | | | | | | | | | |
| Mymensingh | 031 | 0 | / | // | // | 97 | 01 | 1 | 005 | 84 | 2 | 0 | 7 | 1 | 0 | 84 | 79 |
| Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Faridpur | 000 | 0 | 3 | 16 | 05 | // | 02 | 2 | 009 | 87 | 3 | 3 | 6 | 0 | 0 | 81 | 79 |
| Barisal | 000 | 0 | 5 | 13 | 05 | 97 | 02 | 2 | 991 | 87 | 4 | 8 | 4 | 0 | 1 | 79 | 81 |
| Khulna | 000 | 0 | 5 | 13 | 05 | 97 | 02 | / | 003 | 86 | 3 | 8 | 4 | 3 | 1 | 81 | // |
| Satkhira | 090 | 0 | 6 | 09 | 05 | 97 | 03 | 2 | 006 | 86 | 4 | 2 | 9 | 2 | 0 | 79 | 79 |
| Jessore | 023 | 0 | 6 | 09 | 05 | 96 | 02 | 2 | 003 | 86 | 4 | 6 | 4 | 3 | 0 | 79 | 81 |
| Pabna | 000 | 0 | 0 | 09 | 05 | 99 | 02 | 1 | /// | 87 | 0 | 0 | 9 | 0 | 0 | 81 | 81 |
| Sirajganj | | | | | | | | | | | | | | | | | |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | 030 | 0 | 4 | 08 | 00 | 96 | 02 | 1 | 002 | 88 | 3 | 5 | 0 | 1 | / | 79 | 81 |
| Dinajpur | | | | | | | | | | | | | | | | | |
| Rangpur | 000 | 0 | 2 | 00 | 00 | 99 | 01 | 1 | 006 | 84 | 2 | 0 | 9 | 1 | 0 | 81 | 79 |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 3 | 13 | 07 | 96 | 05 | / | 990 | 87 | 0 | 0 | 9 | 0 | 7 | 77 | 84 |
| Sialkot | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 0 | 068 | 95 | 6 | 0 | 9 | 7 | 0 | 79 | 76 |
| Jhelum | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 009 | 0 | 7 | 09 | 03 | 97 | 29 | 9 | 013 | 77 | 3 | 3 | 6 | 7 | 0 | 73 | 73 |
| Campbellpur | /// | / | / | 13 | 05 | 97 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 73 | 72 |
| Khushab | 000 | 0 | 8 | 36 | 09 | 97 | 03 | 2 | 588 | 85 | 6 | 2 | 9 | 2 | 4 | 73 | |
| Sargodha | 000 | 2 | 6 | 05 | 05 | 97 | 95 | 9 | 986 | 82 | 5 | 9 | 6 | 2 | / | 73 | 82 |
| Lyallpur | 003 | 0 | 3 | 36 | 02 | 97 | 02 | 1 | 979 | 90 | 3 | 3 | 8 | 0 | 0 | 74 | 96 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Leiah | 031 | 8 | 6 | 30 | | 96 | 01 | 9 | 989 | 85 | 3 | 5 | 6 | 3 | 0 | 73 | 81 |
| Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | | | | | | | | | | | | | | | | | |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdara | 005 | 0 | 7 | 00 | 00 | 96 | 01 | 2 | 997 | 76 | 7 | 5 | 6 | 0 | 0 | 73 | 73 |
| Peshawar | 000 | 7 | 7 | 00 | 00 | 97 | 02 | 9 | 011 | 76 | 4 | 9 | 4 | 3 | 0 | 71 | 74 |
| Haripur | 006 | 7 | 8 | 05 | 03 | 96 | 03 | 0 | 017 | 76 | 8 | 5 | 6 | 0 | 0 | 74 | // |
| Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D I Khan | 000 | 0 | 6 | 27 | 02 | 96 | 05 | 9 | 994 | 82 | 4 | 0 | 9 | 2 | 9 | 76 | 77 |
| Sibi | | | | | | | | | | | | | | | | | |
| Nokkundi | 000 | 0 | 0 | 31 | 12 | 94 | 05 | 4 | 937 | 93 | 0 | 0 | 9 | 0 | 0 | 41 | 93 |
| Turbat | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 049 | 83 | 0 | 0 | 9 | 0 | 0 | 63 | 62 |
| Jiwani | 000 | 0 | 7 | 11 | 07 | 96 | 03 | 2 | 994 | 82 | 7 | 5 | 6 | 0 | 0 | 76 | 79 |
| Pasni | 000 | 0 | 0 | 27 | 02 | 97 | // | 0 | // | 76 | 0 | 0 | 9 | 0 | 0 | // | // |
| Ormara | 000 | 0 | 2 | 00 | 00 | 96 | 03 | 0 | 998 | 03 | 3 | 6 | 6 | 0 | 0 | 76 | // |
| Lasbela | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 008 | 81 | 0 | 0 | 8 | 0 | 0 | 75 | 85 |
| Karachi (Manora) | 000 | 0 | 3 | 27 | 05 | 96 | 01 | 1 | 997 | 83 | 3 | 0 | 9 | 1 | 0 | 69 | 81 |
| Karachi (Airport) | 003 | 0 | 6 | 27 | 07 | 96 | 03 | 5 | 998 | 83 | 4 | 6 | 5 | 3 | 0 | 78 | 80 |
| Nagarparker | | | | | | | | | | | | | | | | | |
| Chhor | 000 | 0 | 1 | 23 | 07 | 96 | 03 | 0 | 958 | 83 | 1 | 1 | 6 | 0 | 0 | 75 | 79 |
| Hyderabad | 000 | 0 | 0 | 23 | 03 | 97 | 02 | 0 | 992 | 85 | 0 | 0 | 9 | 0 | 0 | 74 | 80 |
| Badin | 003 | 0 | 2 | 23 | 05 | 96 | 03 | 1 | 002 | 83 | 2 | 2 | 6 | 0 | 0 | 75 | 80 |
| Padidan | 000 | 0 | 0 | 18 | 05 | 96 | 02 | 0 | 983 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 81 |
| Nawabshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sukkur | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 983 | 84 | 0 | 0 | 9 | 0 | 0 | 72 | 61 |
| Kashmore | 000 | 0 | 0 | 18 | 02 | // | 02 | 0 | 963 | 80 | 0 | 0 | 9 | 0 | 0 | 71 | // |
| Jacobabad | 000 | 0 | 0 | 18 | 07 | 97 | 02 | 0 | 985 | 80 | 0 | 0 | 9 | 0 | 0 | 71 | 84 |
| Veraval | | | | | | | | | | | | | | | | | |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Srinagar * | | | | | | | | | | | | | | | | | |
| Gulmarg ** | | | | | | | | | | | | | | | | | |
| Sonamarg ** | | | | | | | | | | | | | | | | | |
| Dras ** | | | | | | | | | | | | | | | | | |
| Leh ** | | | | | | | | | | | | | | | | | |
| Skardu * | | | | | | | | | | | | | | | | | |
| Misgar ** | | | | | | | | | | | | | | | | | |
| Aliabad * | | | | | | | | | | | | | | | | | |
| Gilgit * | | | | | | | | | | | | | | | | | |
| Murree * | 015 | 1 | 8 | 05 | 02 | 97 | 03 | 9 | | 64 | 8 | 4 | / | | | 58 | 60 |
| Drosh * | 000 | 0 | 2 | 00 | 00 | 95 | 06 | 4 | 410 | 73 | 2 | 8 | 7 | 0 | 0 | 62 | 1/ |
| Cherat * | | | | | | | | | | | | | | | | | |
| Kakul * | 073 | 0 | 7 | 13 | 05 | 93 | 01 | 2 | 443 | 70 | 6 | 8 | 6 | 3 | 0 | 67 | 65 |
| Landikotal * | 003 | 0 | 8 | 36 | 02 | 97 | 02 | 2 | 438 | 77 | 8 | 0 | / | 2 | 0 | 68 | 70 |
| Parachinar * | | | | | | | | | | | | | | | | | |
| Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Wana * | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 400 | 82 | 0 | 0 | 9 | 0 | 0 | 70 | 62 |
| Fort Sandeman * | 003 | 0 | 3 | 05 | 03 | 97 | 03 | 0 | 423 | 78 | 0 | 0 | 9 | 3 | 0 | 59 | 74 |
| Hindubagh * | 000 | 0 | 0 | 13 | 02 | 95 | 05 | 0 | /// | 77 | 0 | 0 | 9 | 0 | 0 | 41 | 63 |
| Loralai * | | | | | | | | | | | | | | | | | |
| Barkhan * | | | | | | | | | | | | | | | | | |
| Harnai * | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 395 | 83 | 0 | 0 | 9 | 0 | 0 | 70 | 81 |
| Samungli (Quetta) * | 003 | 0 | 0 | 13 | 12 | 96 | 06 | / | 419 | 78 | 0 | 0 | 9 | 0 | 0 | 67 | 74 |
| Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 446 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 85 |
| Nushki * | 000 | 0 | 0 | 36 | 03 | 94 | 06 | 0 | 460 | 90 | 0 | 0 | 9 | 0 | 0 | 34 | 86 |
| Dalbandin * | 000 | 0 | 1 | 10 | 05 | 93 | 05 | 4 | 413 | 91 | / | / | 9 | / | / | 32 | 84 |
| Kalat * | 000 | 0 | 3 | 18 | 00 | // | 02 | 2 | 410 | 75 | 0 | 1 | 9 | 0 | 0 | 66 | 7° |
| Khuzdar * | 064 | 9 | 0 | 00 | 00 | 96 | 01 | 0 | 404 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 75 |
| Panjgur * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

Departure from Normal of / Rainfall

| Stations (2) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Rainfall: Since 1st June, 1971 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rang-mati | | | | | | — |
| Cox's Bazar | + 5 | + 2 | 65.7 | + 18.8 | — | 140 |
| Chittagong | + 2 | 0 | 45.7 | + 14.2 | | 108 |
| Maijdee Court | | | | | | 115 |
| Comilla | | | | | | 94 |
| Brahmanbaria | | | | | | 78 |
| Sylhet | | | | | | — |
| Srimangal | | | | | | 98 |
| Mymensingh | + 5 | + 1 | 32.2 | + 7.1 | | 91 |
| Narayanganj | | | | | | 74 |
| Dacca (Tejgaon) | | | 16.1 | — | — | — |
| Faridpur | — 1 | + 1 | | | | 71 |
| Barisal | 0 | + 2 | 23.9 | — | — | 81 |
| Khulna | — | — | 10.0 | — | — | 68 |
| Satkhira | — | — | 18.4 | — 0.0 | | 65 |
| Jessore | 0 | + 2 | 3.2 | — 14.2 | | 65 |
| Pabna | — | — | | | | 59 |
| Sirajganj | | | | | | 64 |
| Rajshahi | — | — | | | | — |
| Bogra | + 1 | + 2 | | | | 69 |
| Dinajpur | | | | | | 72 |
| Rangpur | + 6 | + 1 | 22.8 | — 3.5 | | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | + 2 | + 3 | 5.0 | + 0.9 | 7.3 | 19 |
| Sialkot | | — 4 | 11.0 | + 4.8 | 17.1 | 32 |
| Jhelum | | | 0.5 | — | — | — |
| Islamabad | | | | | | — |
| Rawalpindi | — | — | 1.05 | + 5.3 | 18.1 | 36 |
| Campbellpur | — | — | 2.9 | — | | — |
| Khushab | 0 | // | 0.6 | — 1.2 | 2.7 | 15 |
| Sargodha | — | | 1.5 | — | 6.1 | — |
| Lyallpur | — 3 | + 4 | 0.6 | — 1.2 | 2.7 | 12 |
| Sahiwal | | | | | | 10 |
| Multan | | | 1.7 | + 0.3 | 2.2 | 7 |
| Leiah | + 5 | — 4 | | | | |
| Khanpur | | | 0.2 | — 1.1 | 0.6 | 8 |
| Bahawalpur | | | | | | 6 |
| Fort Abbas | | | | | | 6 |
| Chakdara | — | — | 2.9 | — | 12.6 | 8 |
| Peshawar | — 2 | — 6 | 0.3 | — 0.5 | 8.8 | — |
| Haripur | — | — | 12.0 | — | 19.8 | 11 |
| Bannu | | | 0.7 | — | 3.1 | — |
| D I Khan | | — 6 | 0.5 | — 1.1 | 3.0 | 11 |
| Sibi | | | | | | 9 |
| Nokkundi | — | — | 0.0 | — | 0.2 | 5 |
| Turbat | — | — | 0.0 | — | 0.0 | 2 |
| Jiwani | — | — | 0.0 | — | 1.5 | — |
| Pasni | — | — | 0.0 | — 0.4 | 0.0 | 5 |
| Ormara | | | 0.0 | — | 0.0 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 6 |
| Karachi (Manora) | | 0 | — | — | — | 8 |
| Karachi (Airport) | — | — | 0.0 | — | 0.2 | 8 |
| Nagarparker | | | | | | — |
| Chhor | — | — | 0.0 | — | 0.7 | — |
| Hyderabad | — 2 | — 1 | 0.0 | — 1.6 | 0.0 | 7 |
| Badin | — | — | 0.0 | — 2.4 | 0.0 | 9 |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | | | 0.0 | — | 0.0 | — |
| Sukkur | — | — | 0.9 | — | 1.4 | 4 |
| Kashmore | — | — | 0.0 | — | 0.0 | — |
| Jacobabad | — 9 | — 1 | 2.3 | + 1.7 | 2.4 | 4 |
| Veraval | | | | | | 20 |
| **HILL STATIONS** | | | | | | 26 |
| Srinagar * | | | | | | — |
| Gulmarg ** | | | | | | 71 |
| Sonamarg ** | | | | | | 26 |
| Dras ** | | | | | | 3 |
| Leh ** | | | | | | 6 |
| Skardu * | | | | | | — |
| Misgar ** | | | | | | — |
| Aliabad * | | | | | | 5 |
| Gilgit * | | | | | | 59 |
| | | | | | | 18 |
| Murree * | | — 3 | 20.5 | + 10.4 | 29.0 | 29 |
| Drosh * | + 5 | // | 0.9 | — | 9.5 | — |
| Cherat * | | | | | | — |
| Kakul * | — | — | 17.4 | — | 32.1 | 29 |
| Landikotal * | — | — | 0.4 | — | 10.1 | 13 |
| Parachinar * | | | | | | 11 |
| Miranshah * | | | 0.0 | — 1.6 | 1.6 | 13 |
| Wana * | — | — | 0.2 | — | 0.9 | — |
| Fort Sandeman * | // | 0 | 2.9 | + 1.3 | 5.1 | 9 |
| Hindubagh * | — | — | 0.4 | — | 2.1 | — |
| Loralai * | | | | | | 14 |
| Barkhan * | | | | | | 9 |
| Harnai * | — | — | 0.0 | — 1.6 | 0.0 | 8 |
| Samungli (Quetta) * | + 4 | + 6 | 0.4 | + 0.2 | 3.2 | — |
| Chaman * | + 4 | + 10 | 0.0 | — 0.1 | 1.3 | — |
| Nushki * | — | — | 0.0 | — | 1.1 | 4 |
| Dalbandin * | + 2 | + 6 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat * | 0 | + 19 | 0.0 | — 0.5 | 0.4 | — |
| Khuzdar * | — | — | 0.6 | — | 0.7 | 5 |
| Panjgur * | | | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 14th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99$L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ N dd FF | VV $_{w\ w}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_pt_R$ | 8$N_sCh_sh_s$ | OI$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{wt}$T | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$d$_w$P$_w$H$_w$H$_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA ... | 99 2 03 | 10 6 85 | 14 0 63 72 3 18 | 98 0 12 | 03 9 28 | 63 5 81 | 23 0 13 | ... | ... | 02 4 27 | ... | 33 2 04 | 0/ / 24 |
| GKS ... | 99 1 92 | 10 6 49 | 14 0 64 82 3 20 | 96 0 22 | 02 4 27 | 85 4 / / | 33 2 04 | ... | ... | 0/ / 24 | ... | 30 3 03 | 23 6 05 |
| BAY OF BENGAL ... | 99 1 72 | 10 8 63 | 14 0 63 82 3 19 | 98 0 22 | 99 8 29 | 88 5 00 | ... | ... | ... | ... | ... | ... | ... |
| WWLG ... | 99 1 02 | 10 8 20 | 14 0 63 42 2 20 | 98 0 12 | 05 5 21 | 81 5 61 | 33 2 18 | ... | ... | 05 1 66 | ... | 30 6 02 | ... |

## UPPER AIR DATA

At surface and Standard Isobaric Levels

| STATION | Time of ascent in G. M. T. | Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTT$_s$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 997 296 25 | 509 /// // | 430 204 19 | 061 110 27 | 580 037 41 | 753 137 56 | 965 285 59 | 243 507 // | 424 677 // | 660 805 // | ... | ... | ... |
| Dacca ... | 00 00 | 998 274 10 | 513 /// // | 140 198 27 | 076 130 06 | 581 021 56 | 757 119 51 | 964 261 / | 251 463 // | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | 00 00 | 961 130 18 | 006 /// // | 310 210 57 | 077 136 47 | 585 004 58 | 762 091 40 | 982 193 39 | 275 363 /6 | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 814 222 61 | ... | ... | 081 144 // | 583 047 // | 756 115 // | 974 163 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 978 785 6/ | 513 /// // | 47/ 220 60 | 049 /// // | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_s$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 544 110 20 | 172 545 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 4/5 000 57 | 183 409 // | | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | 800 218 // | 690 866 // | 538 000 // | 350 147 // | 307 161 // | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 17 | 240 13 | 240 04 | 220 03 | ... | ... | 110 14 | 100 14 | 055 12 | 045 08 | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 21 | 220 21 | 225 22 | 185 15 | 160 13 | 095 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 205 11 | 205 09 | 195 09 | 190 07 | ... | ... | ... | ... | ... | 080 07 | 055 08 | 055 08 | ... | 095 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 200 15 | 205 07 | 165 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cher ↑ ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 125 12 | 125 12 | 140 17 | 110 18 | 100 16 | 115 28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 180 23 | 185 23 | 180 27 | 140 17 | 130 17 | 110 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | 125 16 | ... | ... | ... | ... | ... | ... | ... | 310 05 | 005 07 | 025 08 | 340 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.Ibrndin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 165 04 | 160 10 | 160 11 | 115 11 | 160 07 | 220 07 | 315 13 | 315 21 | ... | ... | ... | ... | 215 05 | 215 08 | 154 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 230 13 | 200 09 | 155 06 | ... | ... | ... | ... | ... | ... | 110 21 | 105 09 | 115 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 185 14 | 175 08 | 145 03 | 060 07 | 085 10 | 065 12 | 140 03 | 130 04 | 100 04 | 060 10 | 020 13 | 015 20 | 355 10 | ... | 010 15 | ... | ... |
| Gilgit ... | ... | ... | ... | 100 19 | 105 08 | 250 04 | 175 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 13 | 210 04 | 150 04 | 170 05 | 245 04 | 250 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 115 21 | 115 28 | 110 22 | ... | ... | ... | 145 13 | 135 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 12 | 275 14 | 260 14 | 260 15 | 055 17 | 040 25 | 255 05 | 240 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 020 12 | 040 12 | 045 10 | 080 11 | 110 10 | ... | ... | ... | ... | 200 15 | 210 13 | 205 1 | 215 14 | 265 16 | 315 78 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 150 10 | 105 11 | 090 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 150 04 | 075 06 | 060 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 235 24 | 225 17 | 235 13 | 235 09 | 235 06 | ... | ... | ... | ... | 100 10 | 115 13 | 140 14 | 145 13 | 075 03 | 290 05 | 110 05 | 120 08 | 120 13 | 120 13 | 110 1/ | 100 03 | ... | ... | ... | ... | ... |
| Khanpur ... | 225 16 | 215 20 | 215 19 | 195 17 | 205 10 | 225 06 | 360 15 | 290 15 | 300 11 | 100 02 | 230 04 | 285 09 | 2 0 07 | 280 07 | ... | 110 05 | 120 08 | 120 13 | 120 13 | 110 1/ | 100 03 | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 15 | 205 11 | 315 08 | 068 08 | 065 14 | 055 17 | 180 03 | 150 02 | 030 03 | 075 06 | 075 10 | 030 14 | 030 17 | 030 13 | 021 21 | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 225 05 | 300 06 | 250 09 | ... | 230 06 | 195 08 | 320 06 | 285 10 | 275 12 | 165 07 | ... | 170 07 | ... | ... |
| Nawab Shah ... | 180 19 | 200 16 | 215 14 | 190 05 | 025 10 | 035 18 | 050 29 | 050 29 | 035 29 | ... | 135 21 | 160 20 | 175 13 | 285 14 | 250 15 | ... | ... | ... | /// / / | 195 05 | 290 10 | 305 12 | 320 12 | 315 16 | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 075 06 | 145 07 | 205 06 | 295 06 | 260 05 | 140 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // // | // | 105 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | /// // | 275 08 | 265 09 | 325 06 | 285 02 | 230 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 105 06 | 135 08 | 140 08 | 160 09 | 220 03 | 030 09 | 320 15 | 295 17 | 295 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Varaval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_v$ $V_v$ etc.)

PPP—Pressure in hundreds cens ind units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

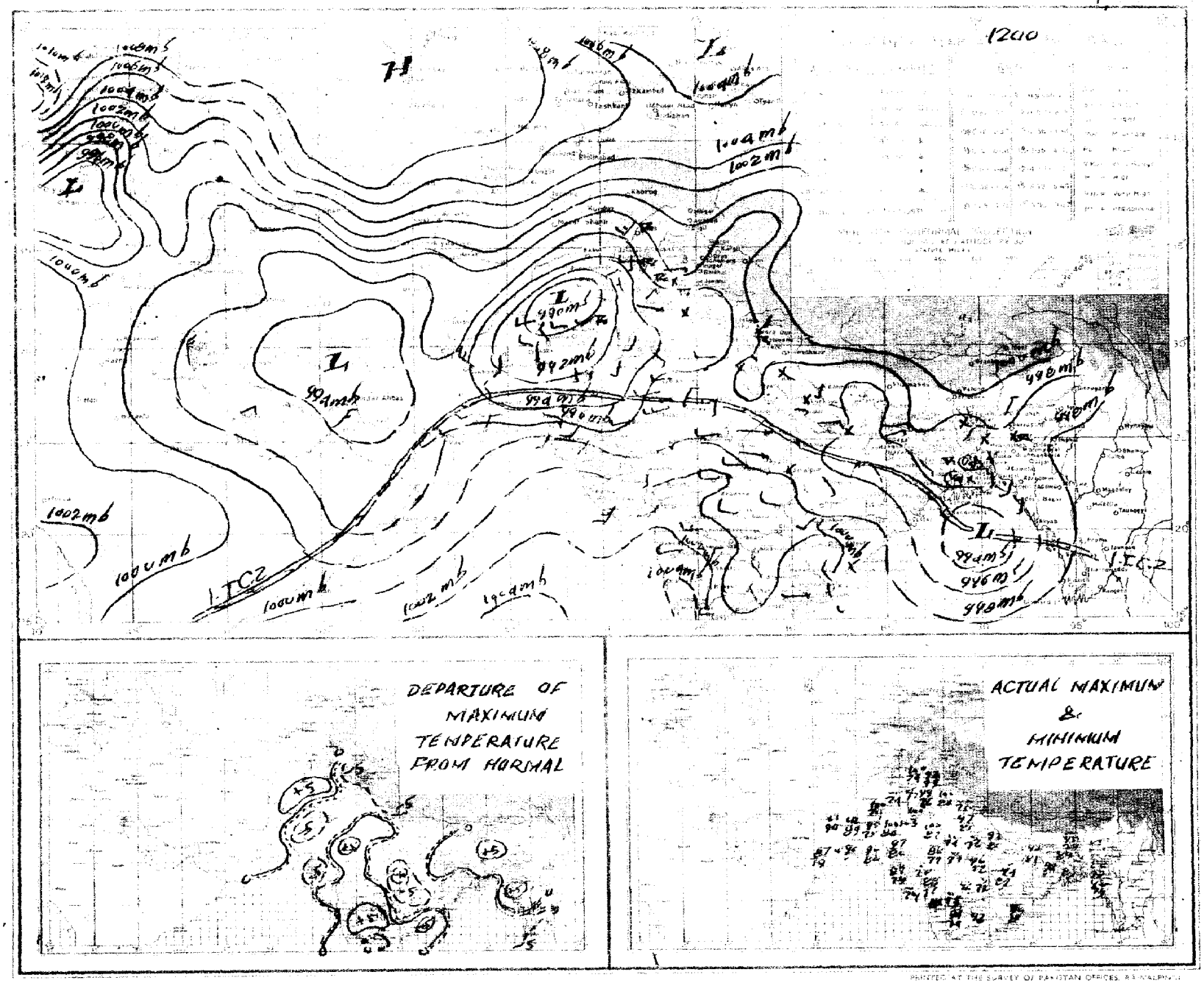
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

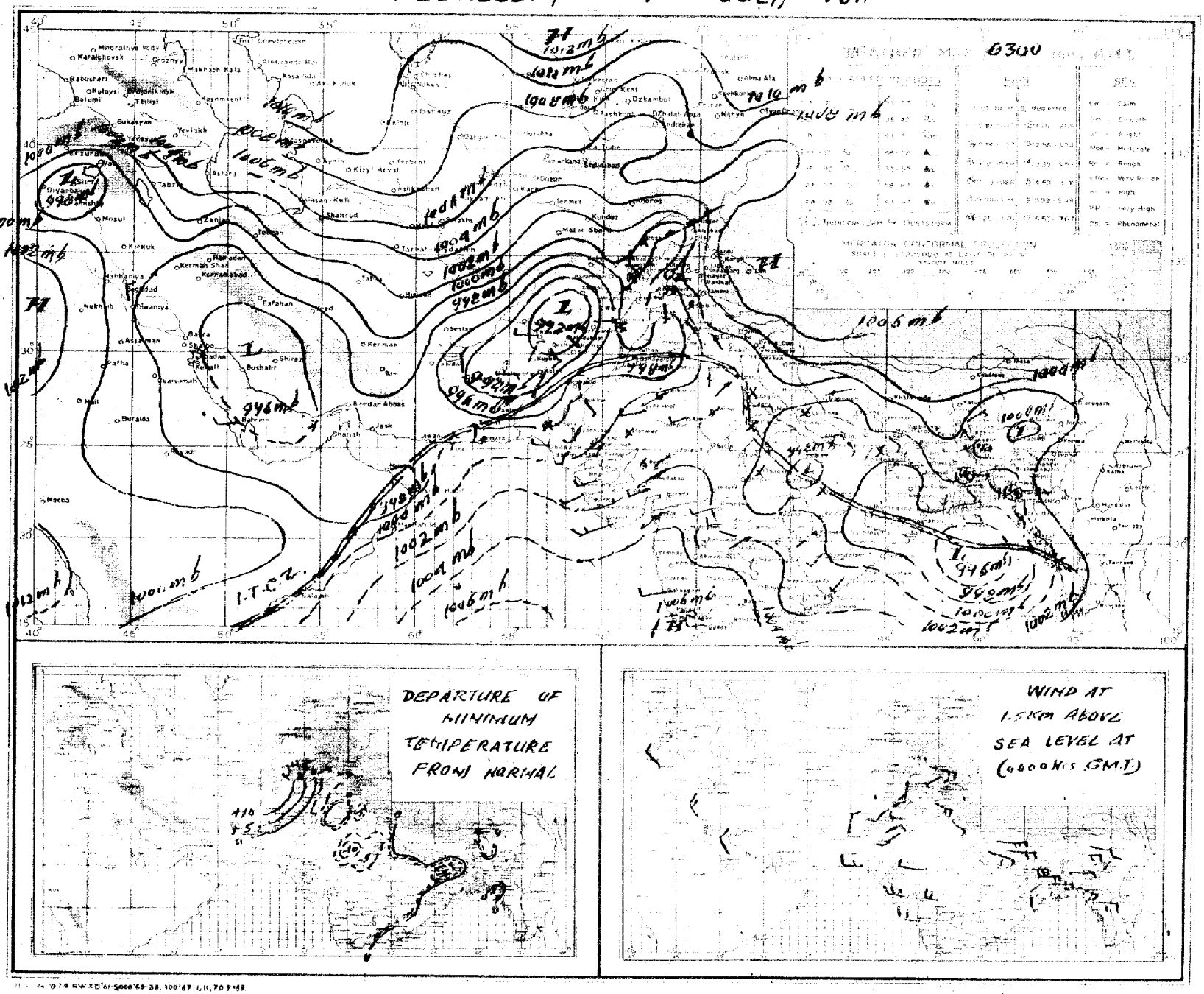
TUESDAY 13th JULY, 1971.




PRINTED AT THE SURVEY OF PAKISTAN OFFICES, RAWALPINDI

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 3—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

THURSDAY THE 15th JULY, 1971.

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

Yesterday's well marked low over north Bay of Bengal moved northwestwards and has apparently concentrated into a depression with its centre at 15.0300 G.M.T. within half a degree of latitude 20° N and longitude 89° E. It is likely to move in a northwesterly direction.

Scattered rain/thundershowers have been reported from Chittagong, Dacca and Rajshahi divisions.

Yesterday's western disturbance, which lay last evening over Kashmir and adjoining areas has moved away northeastwards. A ridge of high pressure extends southwards into Lahore and Rawalpindi divisions in its wake and has cut off the incursion of moist easterlies.

A fresh western disturbance is moving across Russian Turkistan north of Afghanistan.

Widespread rain/thundershowers have occured in Lahore division, local in Rawalpindi and Peshawar divisions and scattered in Sargodha and Malakand divisions.

Chief amounts of rainfall are Lahore and Jhelum 2" each, Sialkot and Cherat ¾", Murree and Parachinar ½" each and Sylhet and Dacca ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan outside Rajshahi division and in central Quetta division and were to the same extent below normal in Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan, northeastern Quetta and Khairpur divisions.

**Forecast valid until the evening of the 16th July, 1971** :—Rain/thundershowers will be fairly widespread in East Pakistan with a few heavy falls. A few thunderstorms/showers may also occur in Rawalpindi and Malakand divisions and in Kashmir and isolated thunderstorms in Hyderabad and Khairpur divisions.

Karachi-32
The 15th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at (Wc) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility (VV) | Present weather (ww) | Past weather (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature °C (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 (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 (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to date | Departure from Normal | Since 1st January, 1971 to date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 0 | 18 | 09 | 98 | 01 | 1 | 990 | 84 | 4 | 7 | 5 | 7 | 2 | 79 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Cox's Bazar | 000 | 0 | 7 | 18 | 09 | 96 | 01 | 2 | 981 | 81 | 4 | 4 | 2 | 0 | / | 77 | 88 | 002 | 0 | 7 | 14 | 09 | 97 | 50 | 5 | 008 | 79 | 5 | 4 | 4 | 4 | 0 | 74 | 77 | + 2 | 0 | 65.7 | + 17.9 | — | 149 |
| | Chittagong | 000 | 0 | 7 | 18 | 07 | 96 | 02 | 2 | 979 | 84 | 4 | 4 | 4 | 3 | 1 | 77 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | — | — | — | — | 108 |
| | Maijdee Court | 000 | 0 | 7 | 18 | 07 | 97 | 01 | 0 | 000 | 83 | 2 | 1 | 5 | 7 | 0 | // | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | — | — | — | — | 115 |
| | Comilla | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | 78 |
| | Sylhet | 027 | / | 4 | 00 | 00 | 97 | 01 | 9 | 960 | 90 | 2 | 3 | 6 | 0 | 1 | 75 | 94 | 024 | 9 | 7 | 00 | 00 | 97 | 61 | 6 | 013 | 79 | 3 | 4 | 4 | 7 | 0 | 75 | 75 | — | — | — | — | — | — |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 973 | 90 | 2 | 0 | 7 | 1 | 0 | 81 | 94 | | | | | | | | | | | | | | | | | | + 7 | — | 32.2 | + 7.6 | — | 91 |
| | Narayanganj | 000 | 0 | 7 | 13 | 02 | 95 | 02 | 2 | 964 | 90 | 4 | 6 | 5 | 3 | 1 | 81 | 90 | 000 | 0 | 8 | 13 | 02 | 97 | 02 | 2 | 004 | 84 | 8 | 6 | 3 | 1 | / | 77 | 83 | + 1 | + 3 | — | — | — | 74 |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 963 | 87 | 5 | 8 | 5 | 0 | 1 | 81 | / | 030 | 9 | 8 | 09 | 02 | 96 | 02 | 9 | 004 | 83 | 6 | 9 | 4 | 7 | . | 84 | // | — | — | 16.4 | — | — | — |
| | Faridpur | 000 | 0 | 2 | 11 | 02 | 97 | 01 | 1 | 970 | 90 | 2 | 5 | 6 | 0 | 0 | 81 | 94 | 000 | 0 | 8 | 16 | 02 | 97 | 02 | 2 | 020 | 84 | / | 5 | 5 | 1 | 0 | 81 | 81 | + 6 | + 3 | — | — | — | 71 |
| Khulna | Barisal | 000 | 0 | 5 | 16 | 05 | 97 | 02 | 2 | // | 91 | 3 | 4 | 4 | 0 | 4 | // | // | 000 | 0 | 6 | 11 | 10 | 97 | 02 | 2 | 995 | 84 | 4 | 5 | 4 | 2 | 0 | 77 | 81 | /// | + 2 | 24.0 | — 0.4 | — | 81 |
| | Khulna | 000 | 0 | 3 | 13 | 03 | 97 | 02 | 0 | 963 | 91 | 2 | 1 | 4 | 0 | 0 | // | 94 | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 0 | 992 | 89 | 0 | 2 | 4 | 0 | 0 | 81 | 81 | — | — | 1.0 | —18.6 | — | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 00 | 00 | 97 | 03 | 2 | 990 | 86 | 4 | 2 | 9 | 2 | 0 | 79 | 81 | — | — | 18.4 | — 0.5 | — | 65 |
| | Jessore | 000 | 0 | 4 | 09 | 05 | 96 | 01 | 1 | 962 | 90 | 2 | 6 | 4 | 0 | 1 | 75 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 5 | — | 3.2 | —14.6 | — | 65 |
| Rajshahi | Pabna | 000 | 0 | 1 | 00 | 00 | 99 | 01 | 1 | /// | 90 | 1 | 2 | / | 0 | 0 | 77 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi | 000 | 0 | 4 | 00 | 00 | 96 | 02 | 0 | 987 | 91 | 3 | 2 | 5 | 3 | 0 | 81 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Bogra | 000 | 0 | 1 | 00 | 00 | 96 | 03 | 2 | 963 | 91 | 4 | 6 | 5 | 3 | 0 | // | 90 | 012 | 1 | 8 | 05 | 02 | 96 | 60 | 6 | 000 | 83 | 3 | 5 | 0 | 7 | 0 | 81 | 79 | + 1 | + 2 | 3.0 | — | — | 89 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 963 | 90 | 3 | 0 | 9 | 1 | 0 | | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 9 | — | 22.0 | — 4.0 | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — |
| Lahore | Lahore (Jail Rd.) | 074 | 0 | 8 | 36 | 05 | 96 | 95 | 9 | 987 | 79 | 5 | 9 | 6 | 2 | / | 77 | 96 | 229 | 0 | 7 | 00 | 00 | 96 | 05 | 2 | 017 | 82 | 4 | 5 | 7 | 7 | 0 | 75 | 76 | — 5 | — 5 | 6.3 | + 2.1 | 9.5 | 19 |
| | Sialkot | 072 | 4 | 8 | 00 | 05 | 98 | 17 | 9 | 000 | 75 | 4 | 9 | 6 | 2 | / | 72 | 93 | 072 | 0 | 5 | 09 | 02 | 98 | 02 | 2 | 015 | 86 | 5 | 0 | 9 | 7 | 0 | 77 | 74 | — 5 | — 6 | 11.7 | + 5.2 | 17.8 | 32 |
| Rawalpindi | Jhelum | 158 | 1 | 7 | 13 | 02 | 98 | 29 | 9 | 996 | 78 | 3 | 5 | 6 | 2 | 0 | 76 | 83 | 023 | 0 | 5 | 00 | 03 | 97 | 01 | 2 | 013 | 81 | 6 | 0 | 9 | 7 | 0 | 77 | 73 | — | — | 2.3 | — | — | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 0 | 014 | 82 | 2 | 0 | 9 | 3 | 0 | 73 | 74 | — | — 3 | 1.05 | + 5.0 | 18.0 | 36 |
| | Campbellpur | 000 | 0 | 4 | 09 | 00 | 98 | 00 | 0 | / | 90 | 0 | 0 | 9 | 0 | 0 | 90 | 98 | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 77 | 74 | — | — | 2.9 | — | — | — |
| Sargodha | Khushab | 000 | 0 | 7 | 13 | 07 | 97 | 20 | 3 | 979 | 92 | 6 | 9 | 2 | 4 | 4 | 77 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 6 | — | 0.6 | — 1.4 | 2.7 | 15 |
| | Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 13 | 05 | 97 | 02 | 2 | 013 | 82 | 3 | 5 | 6 | 0 | 2 | 73 | 79 | — | — | 1.9 | — | 6.0 | — |
| | Lyallpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 10 |
| | Multan | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 1 | 921 | 00 | 2 | 5 | 9 | 3 | 1 | 78 | 01 | 000 | 0 | 2 | 13 | 07 | 97 | 02 | 0 | 007 | 86 | 0 | 0 | 9 | 0 | 1 | 77 | 83 | — 4 | — 1 | 1.7 | + 0.3 | 2.2 | 7 |
| | Lodhi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 36 | 02 | 93 | 00 | 0 | 992 | 86 | 0 | 0 | 9 | 0 | 0 | 74 | 79 | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 18 | 02 | 96 | 02 | 0 | /// | / | 0 | 0 | 9 | 0 | 1 | // | 85 | — | — | 0.2 | — 1.1 | 0.6 | 6 |
| | Bahawalpur | 000 | 0 | 1 | 23 | 07 | 94 | 07 | 3 | 971 | 93 | 0 | 0 | 9 | 0 | 0 | // | 03 | 000 | 0 | 0 | 16 | 02 | 96 | 00 | 0 | 016 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 84 | — | — | 0.0 | — 1.2 | 0.3 | 6 |
| | Fort Abbas | /// | 0 | 4 | 00 | 00 | 96 | 03 | 2 | 959 | 83 | 4 | 0 | 9 | 0 | 0 | 71 | 81 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 23 | 01 | 98 | 07 | 2 | 027 | 83 | 0 | 0 | 9 | 7 | 7 | 75 | 80 | — | — | 2.9 | — | 12.6 | — |
| | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 36 | 13 | 97 | 01 | 2 | 006 | 84 | 2 | 5 | 6 | 3 | 0 | 74 | 79 | — | — 1 | 0.3 | — 0.6 | 8.8 | 11 |
| Peshawar | H ripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 4 | 6 | 05 | 03 | 97 | 03 | 2 | 024 | 84 | 6 | 0 | 9 | 0 | 5 | 70 | 75 | — | — | 11.9 | — | 19.8 | — |
| D. I. Khan | Bannu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 955 | 99 | 0 | 0 | 9 | 0 | 0 | 75 | 99 | 000 | 0 | 7 | 00 | 00 | 96 | 05 | 0 | 998 | 83 | 7 | 0 | 9 | 2 | 0 | 75 | 82 | — 5 | — 9 | 0.5 | — 1.1 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi | 000 | 0 | 0 | 31 | 12 | 94 | 05 | 4 | 953 | 02 | 0 | 0 | 9 | 0 | 0 | 01 | 12 | 000 | 0 | 0 | 31 | 12 | 95 | 05 | 4 | 954 | 92 | 0 | 0 | 9 | 0 | 0 | 53 | 88 | — | — | 0.0 | — | 0.2 | — |
| Kalat | Turbat | 000 | 0 | 0 | 11 | 03 | 98 | 00 | 0 | 048 | 96 | 0 | 0 | 9 | 0 | 0 | 72 | 98 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 039 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 82 | — | — | 0.0 | — | 0.0 | 2 |
| | Jiwani | 000 | 0 | 7 | 16 | 12 | 96 | 02 | 2 | 977 | 84 | 7 | 6 | 5 | 0 | 0 | 75 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 18 | 07 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 9 | — | 0.0 | — 0.4 | 0.0 | 6 |
| | Ormara | 000 | 0 | 0 | 27 | 07 | 93 | 06 | 4 | 932 | 08 | 0 | 0 | 9 | / | / | // | 10 | 000 | 0 | 1 | 27 | 09 | 96 | 03 | 0 | 001 | 82 | 1 | 6 | 6 | 0 | 0 | 77 | // | — | — | 0.0 | — 0.2 | 0.0 | 6 |
| | Lasbela | /// | 0 | 4 | 23 | 04 | 96 | 00 | 0 | 967 | 00 | 0 | 0 | 8 | 0 | 0 | 81 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 2 | 23 | 09 | 96 | 06 | 2 | 981 | 88 | 2 | 5 | 6 | 0 | 0 | 77 | 92 | 000 | 0 | 0 | 27 | 12 | 96 | 00 | 0 | 003 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 82 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 7 |
| | Hyderabad | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 0 | 968 | 99 | 2 | 5 | 6 | 0 | 0 | 69 | 02 | 000 | 0 | 3 | 23 | 05 | 97 | 03 | 0 | 002 | 87 | 0 | 0 | 9 | 0 | 1 | 75 | 82 | + 3 | + 1 | 0.0 | — 1.8 | 0.0 | 9 |
| | Badin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Khairpur | Padidan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Mawabshah | 000 | 0 | 0 | 18 | 07 | 97 | 02 | 0 | 961 | 03 | 0 | 0 | 9 | 0 | 0 | 76 | 03 | 000 | 0 | 5 | 13 | 05 | 96 | 03 | 0 | 999 | 86 | 1 | 0 | 9 | 3 | 7 | 76 | 81 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 21 | 01 | [illegible] | 02 | 0 | 954 | 03 | 0 | 0 | 9 | 0 | 0 | 75 | 04 | 000 | 0 | 1 | 34 | 05 | 96 | 03 | 0 | 985 | 90 | 4 | 0 | 9 | 6 | 0 | 76 | 83 | — | — | 0.9 | — | 1.3 | — |
| | Kashmore | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 953 | 01 | 0 | 0 | 9 | 0 | 0 | 72 | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 0 | 13 | 07 | 97 | 02 | 0 | 947 | 01 | 0 | 0 | 9 | 0 | 0 | 73 | 02 | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 990 | 91 | 1 | 0 | 9 | 3 | 0 | 74 | 85 | — 7 | 0 | 2.3 | + 1.7 | 2.4 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 055 | 6 | 6 | 05 | 05 | 98 | 02 | 9 | /// | 67 | 4 | 5 | 4 | 5 | 0 | 65 | 60 | — | — 3 | — | — | — | 29 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Peshawar | Cherat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 5 | 18 | 05 | 97 | 02 | 2 | 463 | 73 | 5 | 4 | 8 | 0 | 0 | 68 | 65 | — | — 6 | 2.4 | — 0.6 | 2.0 | — |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 016 | 0 | 4 | 09 | 05 | 97 | 01 | 1 | 452 | 72 | 3 | 4 | 6 | 3 | 0 | 66 | 66 | — | — | 17.5 | — | 32.3 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 003 | 2 | 6 | 09 | 05 | 97 | 02 | 6 | 459 | 78 | 6 | / | 2 | 0 | / | 69 | 74 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 045 | 3 | 5 | 13 | 03 | 96 | 01 | 2 | 454 | 70 | 9 | 6 | 5 | 0 | 0 | 66 | 67 | — | — 1 | 2.2 | — | 9.7 | 11 |
| D.I. Khan | Miranshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 418 | 72 | 0 | 0 | 9 | 0 | 0 | 72 | 74 | — | — | 0.0 | — 1.2 | 1.6 | 13 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 391 | 79 | 2 | 5 | 8 | 0 | 0 | 75 | 74 | — | — | 0.2 | — | 1.0 | — |
| Quetta | Fort Sandeman * | | | | | | | | | | | | | | | | | | 000 | 0 | 1 | 03 | 00 | 94 | 05 | 4 | 418 | 78 | / | / | 0 | / | / | 69 | 68 | — | — 6 | 2.9 | + 1.3 | 5.1 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 34 | 02 | 96 | 05 | 0 | /// | 89 | 4 | 3 | 9 | / | / | 43 | 98 | 000 | 0 | 0 | 25 | 02 | 95 | 05 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 46 | 65 | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai * | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 402 | 95 | 0 | 2 | 7 | 1 | 0 | 57 | 98 | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 415 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 82 | — | — | 0.0 | — 1.2 | 0.0 | 8 |
| | Sanungli (Quetta) * | 000 | 0 | 1 | 31 | 01 | 95 | 06 | 0 | 381 | 97 | 2 | / | 6 | 3 | 1 | 59 | 99 | 000 | 0 | 1 | 13 | 10 | 96 | 06 | 0 | 428 | 78 | 1 | 0 | 9 | 0 | 0 | 69 | 74 | + 5 | + 6 | 0.4 | + 0.2 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 09 | 94 | 05 | 0 | 453 | 02 | 0 | 0 | 9 | 0 | 0 | 87 | 03 | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 469 | 87 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | + 1 | + 1 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 431 | 05 | 0 | 0 | 9 | 0 | 0 | 46 | 03 | 000 | 0 | 0 | 18 | 03 | 94 | 06 | 0 | 460 | 96 | 0 | 0 | 9 | 0 | 0 | 41 | 81 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 27 | 07 | 93 | 06 | 4 | 392 | 08 | 0 | 0 | 9 | 0 | 0 | 32 | 10 | 000 | 0 | 1 | 00 | 00 | 93 | 06 | 4 | 526 | 91 | 0 | 0 | 9 | / | / | 64 | 89 | + 1 | + 10 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 4 | 31 | 00 | 94 | 08 | 2 | 365 | 91 | 0 | 1 | 9 | 0 | 0 | 73 | 92 | 000 | 0 | 0 | 13 | 00 | 93 | 00 | 2 | 416 | 75 | 0 | 0 | 9 | 0 | 0 | 65 | 74 | 0 | + 16 | 0.0 | — 0.5 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 7 | 27 | 17 | 96 | 05 | 1 | 407 | 81 | 7 | 9 | 9 | 0 | 0 | 61 | 94 | 004 | 9 | 0 | 00 | 00 | 96 | 01 | 0 | 414 | 78 | 1 | 0 | 9 | 0 | 0 | 61 | 72 | — | — | 0.6 | — | 0.8 | 5 |
| | Panjgur * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |

Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actus amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 15th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_w$ $_w$ W | PPP TT | $N_hC_LhC_MC_H$ | D,V$_s$a PP | 7RR $t_Rt_R$ | 8N$_s$Ch$_s$h$_s$ | O1$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{w1}$T | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$d$_w$P$_w$H$_w$H$_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh T1T$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 927 270 05 | 522 854 / / | 411 198 05 | 075 098 / / | 580 035 35 | 754 119 57 | 964 249 59 | 246 455 / / | 433 595 / / | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 997 280 38 | 000 /// / / | 430 196 20 | 055 078 62 | 576 059 / / | 745 141 / / | 931 275 / / | 246 393 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 960 266 26 | 001 /// / / | 390 230 40 | 096 126 17 | 584 031 / / | 758 109 / / | 974 233 / / | 258 457 / / | ... | ... | ... | ... | ... |
| Quetta ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 00 00 | 79/ 280 45 | 001 /// / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PsPsPsTsTsTat | dsdsfsfsfs | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 258 43 | 690 054 56 | 533 000 / / | 430 081 / / | 188 489 / / | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | C55 03 | 060 04 | 090 06 | 130 09 | 310 01 | ... | 130 04 | 155 05 | 145 10 | 115 08 | 160 08 | 240 05 | 290 06 | 300 10 | 265 08 | 240 11 |
| Chhor ... | 180 05 | 180 06 | 170 08 | 135 10 | ... | C60 11 | ... | ... | ... | 245 14 | 255 12 | 240 00 | 090 C5 | 090 14 | 055 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 205 12 | 185 12 | 120 12 | 130 09 | 085 17 | 085 27 | 065 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cher t ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 1 0 17 | 155 21 | 140 15 | 115 12 | 112 6 | 015 30 | ... | ... | ... | 135 19 | 140 19 | 145 14 | 175 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 195 07 | 1 5 07 | 180 07 | 115 07 | 070 12 | 070 15 | ... | ... | ... | 175 12 | 160 08 | 160 05 | ... | 095 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I.b ndin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 140 02 | 265 C5 | 010 02 | 345 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 090 08 | 120 09 | 165 05 | 175 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 210 03 | 335 06 | 200 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 035 09 | 055 08 | 130 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ipburdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 140 13 | 145 15 | 245 12 | 120 11 | 065 07 | 360 10 | 350 C6 | 040 25 | 030 29 | 185 21 | 175 07 | 090 07 | 120 06 | 033 05 | 060 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 135 15 | 135 18 | 120 12 | 120 12 | 155 10 | 090 10 | ... | ... | ... | 360 04 | 050 C5 | C80 09 | 065 10 | 095 04 | ... | 175 08 | 135 07 | 090 12 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 165 23 | 150 19 | ... | ... | ... | ... | ... | ... | ... | 155 C7 | 170 04 | ... | ... | ... | ... | 280 10 | 280 12 | 285 10 | ... | 310 10 | ... | ... | ... | ... | ... | ... |
| Karachi ... | 245 10 | 250 11 | 275 13 | 290 18 | 300 20 | ... | ... | ... | ... | 280 15 | 290 14 | 305 15 | 280 15 | 320 15 | C60 18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 210 C6 | 169 03 | 165 03 | 220 04 | 230 11 | 255 19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 010 02 | 050 C9 | 260 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 005 10 | 295 13 | 275 08 | 230 C5 | ... | ... | ... | ... | ... | 035 03 | 075 06 | 105 C6 | ... | ... | ... | 260 02 | 234 02 | 355 03 | 095 03 | 145 06 | 115 C8 | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 125 15 | 175 19 | 175 15 | 270 50 | 325 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 17 | 155 16 | 175 16 | 085 07 | 085 C6 | 045 08 | 175 06 | 165 08 | 150 12 | 115 14 | 055 10 | 055 14 | 025 16 | 020 36 | ... | ... | ... |
| Nokkundi ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | 170 10 | 055 02 | 330 07 | 180 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 11 | 280 17 | 3 4 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 340 02 | 025 12 | 115 03 | 180 04 | 265 04 | ... | 015 07 | 055 09 | 130 04 | 145 04 | 245 05 | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 110 03 | 180 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 280 06 | 325 08 | 3 0 06 | ... | ... | ... | ... | ... | /// / | 190 06 | 255 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 11 | 100 08 | 155 C8 | 325 03 | 310 C7 | 315 10 | 035 02 | 110 03 | 200 20 | 320 30 | 035 09 | 035 11 | 010 13 | 360 17 | 360 17 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.3 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd V, V$_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

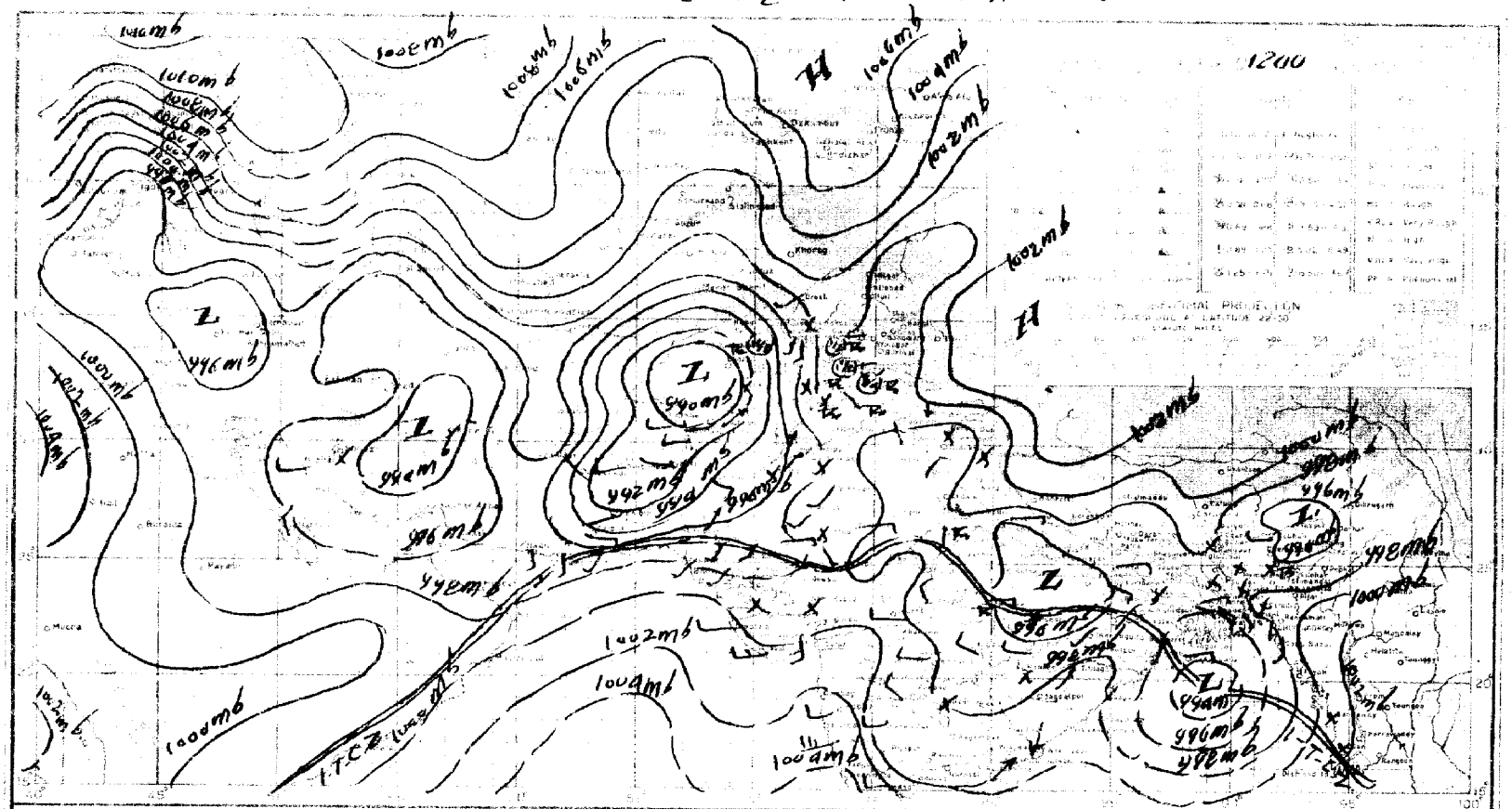
† The actual time of observations may vary within half an hour of the specified time

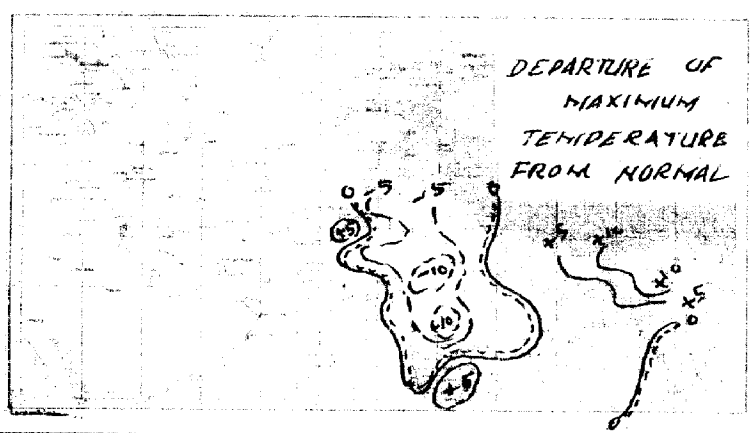
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

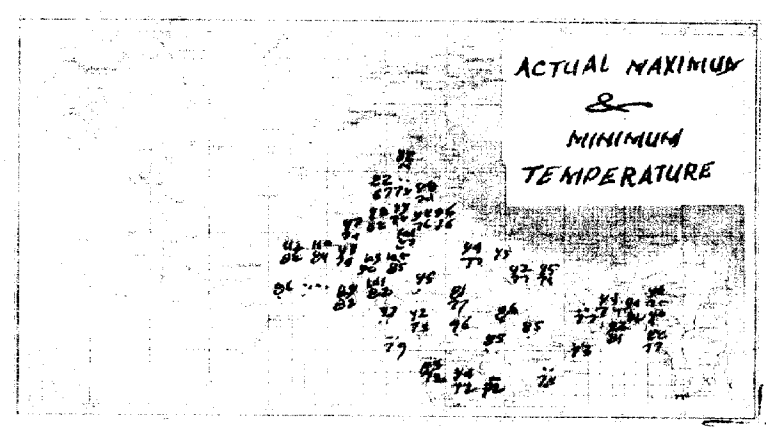
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 14th JULY, 1971

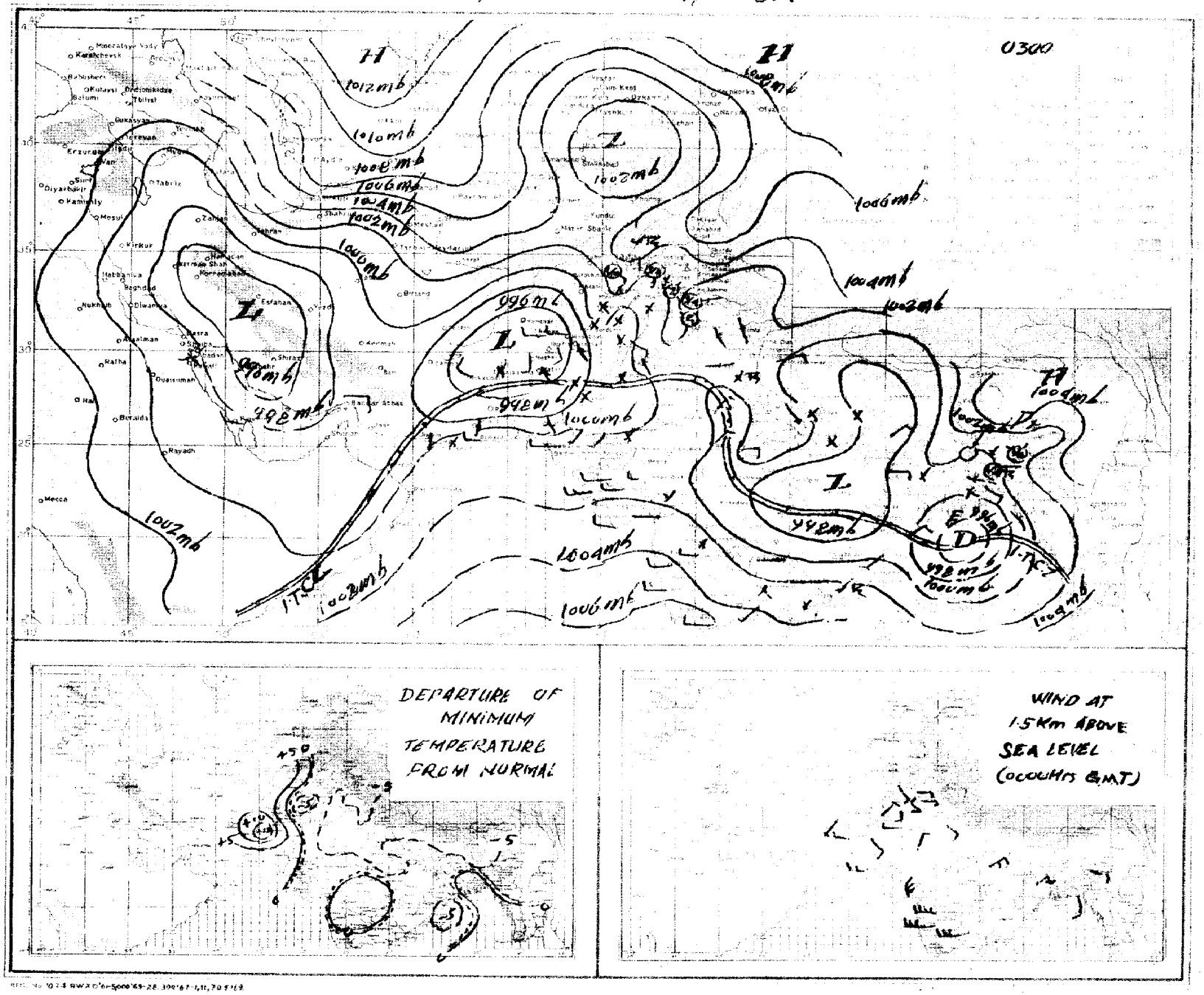


# PAKISTAN DAILY WEATHER MAP

THURSDAY 15th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 16th JULY, 1971.

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

Yesterday's depression over north Bay of Bengal which was centred at 15,1200 G.M.T within half a degree of latitude 20½° N and longitude 89° E has moved rapidly northwestwards and crossed West Bengal coast early this morning. It now lies at 16,0300 G.M.T. with its centre about 40 miles southeast of Asansol and is likely to continue move in the same direction and weaken.

Rainfall has been fairly widespread in Dacca division and scattered elsewhere in East Pakistan.

Yesterday's western disturbance which lay last evening over Russian Turkistan and north Afghanistan now lies north of West Pakistan with its associated trough over northern areas of West Pakistan.

Isolated thunderstorms have baen reported from Rawalpindi, Kalat and Hyderabad divisions. A few falls of light rain have also occurred in Malakand division.

Chief amounts of rainfall are Cox's Bazar (upto 1200 G.M.T.) and Narayanganj 1" each Barisal and Khulna ¾" each and Dacca, Rangpur and Faridpur (upto 1200 G.M.T.) ½" each.

Day temperatures were 3 - 8 °F (2 - 4 °C) below normal in Rajshahi, Lahore, Multan, Peshawar, northern Quetta, Kalat and Khairpur divisions and were 3 - 7 °F (2—4 °C) above normal in Dacca, Malakand and Hyderabad divisions.

**Forecast valid until the evening of the 17th July, 1971** :—Rain/thundershowers will be fairly widespread in Dacca, Chittagong and Khulna divisions and local in Rajshahi division. Scattered rain/thundershowers are also likely over Lahore and Rawalpindi divisions and in Kashmir. A few thunderstorms may also occur over Khairpur, Bahawalpur and Multan divisions.

Karachi-32
The 16th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wε) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds 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 from † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wε) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 126 | 5 | 9 | 18 | 09 | 93 | 60 | ... | 015 | 75 | 9 | 3 | / | ... | / | 75 | 97 | — | — | — | — | — | — |
| | Cox's Bazar | ... | 094 | 9 | 8 | 18 | 08 | 95 | 51 | 6 | 994 | 79 | 6 | 5 | 4 | 7 | 0 | 75 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | 2 | — | 65.7 | +17.1 | — | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 215 | 9 | 8 | 08 | 02 | 96 | 03 | 6 | 006 | 81 | 5 | 5 | 4 | 2 | 0 | 77 | 75 | — | — | 3 | — | — | — | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 914 | 3 | 7 | 13 | 09 | 96 | 02 | 6 | 012 | 95 | 7 | 4 | 4 | / | / | 75 | 75 | — | 2 | — | — | — | — | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 78 |
| | Sylhet | ... | 000 | 0 | 7 | 18 | 13 | 97 | 02 | 2 | 992 | 83 | 4 | 2 | 5 | 3 | 0 | 75 | 89 | 000 | 9 | 8 | 00 | 00 | 96 | 52 | 5 | 033 | 80 | 4 | 7 | 5 | 3 | / | 76 | 74 | — | — | — | — | — | — | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 98 |
| Dacca | Mymensingh | ... | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 986 | 86 | 6 | 5 | 4 | 0 | 0 | 80 | 94 | 035 | 3 | 8 | 13 | 02 | 97 | 50 | 5 | 02 | 81 | 8 | 7 | 4 | 0 | 0 | 77 | 73 | + 6 | — 5 | 32.2 | + 6.1 | — | 91 |
| | Narayanganj | ... | 041 | 2 | 8 | 13 | 02 | 95 | 03 | 6 | 783 | 81 | 6 | 6 | 3 | / | / | 77 | 81 | 109 | 2 | 8 | 12 | 08 | 97 | 03 | 6 | 001 | 79 | 8 | 7 | 3 | / | / | 76 | 77 | — 8 | — 2 | 1.1 | —18.1 | — | 74 |
| | Dacca (Tejgaon) | ... | 022 | 3 | 8 | 09 | 09 | 96 | 01 | 6 | 977 | 79 | 6 | 7 | 3 | 2 | / | 79 | 84 | 053 | 9 | 3 | 18 | 19 | // | 02 | 6 | 995 | 79 | 6 | 7 | 3 | 7 | / | 75 | // | — | — | 17.0 | —02.2 | — | — |
| | Faridpur | ... | 038 | 4 | 8 | 16 | 02 | 97 | 02 | 6 | 969 | 81 | 7 | 5 | 5 | 1 | 0 | 81 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 2 | — | — | — | — | 71 |
| Khulna | Barisal | ... | 056 | 3 | 8 | 13 | 09 | 96 | 61 | 6 | 972 | 81 | 5 | 6 | / | 2 | / | 79 | // | 078 | 3 | 8 | 16 | 14 | 96 | 21 | 6 | 994 | 81 | 6 | 7 | 3 | 2 | / | 70 | 77 | // | — 2 | 24.7 | + 0.8 | — | 81 |
| | Khulna | ... | 025 | 2 | 5 | 13 | 03 | 97 | 02 | 0 | 952 | 83 | 2 | 3 | 4 | 0 | 0 | 83 | 90 | 075 | 9 | 2 | 13 | 13 | 97 | 02 | 0 | 981 | 81 | 0 | 2 | 4 | 0 | 0 | 79 | 77 | — | — | 1.7 | —18.3 | — | 68 |
| | Satkhira | ... | 000 | 0 | 6 | 09 | 00 | 97 | 05 | 5 | 955 | 83 | 4 | 4 | 9 | 0 | 0 | 77 | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 18.4 | — 1.0 | — | 65 |
| | Jessore | ... | ... | ... | ... | — | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 062 | 8 | 8 | 13 | 09 | 96 | 51 | 6 | 969 | 81 | 5 | 6 | 4 | 0 | 0 | ... | 77 | — | — 2 | 1.1 | —18.1 | — | 65 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 59 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 64 |
| | Rajshahi | ... | 000 | 0 | 0 | 09 | 02 | 96 | 02 | 0 | 977 | 80 | 0 | 0 | 9 | 0 | 0 | 79 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | — |
| | Bogra | ... | 000 | 0 | 7 | 05 | 03 | 96 | 02 | 2 | 976 | 83 | 0 | 0 | 9 | 3 | 0 | 75 | 84 | 006 | 0 | 8 | 09 | 19 | 96 | 02 | 2 | 995 | 79 | 5 | 3 | 4 | 7 | 0 | 70 | 77 | — 5 | — 2 | 3.0 | —16.6 | — | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 72 |
| | Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 057 | 8 | 7 | 13 | 02 | 96 | 01 | 6 | 012 | 82 | 7 | 0 | 9 | 2 | 0 | 80 | 77 | — | — 1 | 27.3 | — 4.0 | — | 84 |
| Kashmir | Jammu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | — |
| Lahore | Lahore (Jail Rd) | ... | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 2 | 960 | 95 | 0 | 0 | 9 | 0 | 0 | 67 | 95 | 000 | 0 | 0 | 05 | 05 | 96 | 05 | 0 | 985 | 90 | 0 | 0 | 9 | 0 | 0 | 77 | 82 | — 6 | + 2 | 6.3 | + 1.9 | 9.5 | 19 |
| | Sialkot | ... | 000 | 0 | 1 | 23 | 02 | 99 | 02 | 0 | 957 | 86 | / | 1 | 7 | 0 | 0 | 75 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | — | 2.3 | — | — | 32 |
| Rawalpindi | Jhelum | ... | 000 | 0 | 1 | 00 | 00 | 98 | 02 | 0 | 950 | 96 | 1 | 1 | 7 | 0 | 0 | 79 | 97 | 000 | 1 | 0 | 00 | 00 | 95 | 05 | 0 | ... | ... | 0 | 0 | 7 | 0 | 0 | 78 | 80 | — | — | 2.3 | — | — | — |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | — |
| | Rawalpindi | ... | 000 | 0 | 1 | 00 | 00 | 97 | 01 | 0 | 944 | 95 | 1 | 1 | 6 | 0 | 0 | 73 | 96 | 000 | 0 | 1 | 09 | 05 | 97 | 03 | 0 | 983 | 86 | 1 | 1 | 6 | 0 | / | 76 | 77 | — 2 | 0 | 1.05 | + 4.7 | 18.0 | 36 |
| | Campbellpur | ... | 000 | 0 | 0 | 11 | 00 | 97 | 00 | 0 | /// | 98 | 0 | 0 | 9 | 0 | 0 | 98 | 01 | 000 | 0 | 0 | 09 | 00 | 97 | 00 | 0 | /// | 83 | 0 | 0 | 9 | 0 | 0 | 83 | 78 | — | — | 2.9 | — | — | — |
| Sargodha | Khushab | ... | 000 | 0 | 1 | 00 | 00 | 97 | 20 | 3 | 959 | 99 | 0 | 0 | 9 | 0 | 0 | 84 | 03 | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 004 | 92 | 5 | 0 | 0 | 4 | 0 | 75 | // | 0 | // | 0.6 | — 2.5 | 2.7 | 15 |
| | Sargodha | ... | 000 | 0 | 8 | 05 | 03 | 96 | 06 | 0 | 951 | 98 | 1 | 8 | 6 | 0 | 0 | 75 | 99 | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 976 | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 84 | — | — | 1.9 | — | 5.4 | — |
| | Lyallpur | ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 117 | 90 | 0 | 0 | 9 | 0 | 0 | 65 | 95 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 997 | 88 | 0 | 0 | 9 | 0 | 0 | 70 | 80 | — 7 | — 2 | 5.6 | + 2.9 | 8.8 | 12 |
| Multan | Sahiwal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 10 |
| | Multan | ... | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 940 | 00 | 1 | 0 | 9 | 3 | 0 | 78 | 02 | 000 | 0 | 7 | 13 | 03 | 96 | 05 | 0 | 968 | 91 | 2 | 5 | 7 | 0 | 0 | ... | 85 | — 3 | + 1 | 1.7 | + 0.3 | 2.2 | 7 |
| | Leiah | ... | 000 | 0 | 6 | 31 | 08 | 95 | 01 | 2 | 992 | 02 | 1 | 6 | 7 | 0 | 0 | 67 | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Bahawalpur | Khanpur | ... | 000 | 0 | 2 | 00 | 00 | 96 | 02 | 0 | 937 | 05 | 1 | 2 | 8 | 3 | 0 | 71 | 07 | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 2 | 960 | 93 | 5 | 0 | 9 | 3 | 0 | 74 | 87 | — | — | 0.2 | — 1.2 | 0.6 | 8 |
| | Bahawalpur | ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 956 | 00 | 0 | 0 | 9 | 0 | 0 | 63 | 03 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 968 | 94 | 0 | 0 | 9 | 0 | 0 | 70 | 87 | — | — | 0.0 | — 1.3 | 0.2 | 6 |
| | Fort Abbas | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 955 | 96 | 0 | 0 | 9 | 0 | 0 | 81 | 97 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 008 | 90 | 0 | 0 | 9 | 0 | 0 | 83 | 82 | — | — | — | — | — | 8 |
| Malakand | Chakdara | ... | 030 | 0 | 2 | 27 | 09 | 97 | 03 | 1 | 935 | 94 | 2 | 1 | 7 | 0 | 0 | 73 | 95 | 000 | 3 | 7 | 05 | 09 | 97 | 02 | 5 | 976 | 79 | 7 | 0 | 9 | 6 | 0 | 73 | 78 | — | — | 2.8 | — | 19.2 | — |
| Peshawar | Peshawar | ... | 000 | 0 | 1 | 36 | 03 | 96 | 05 | 0 | 941 | 95 | 1 | 3 | 6 | 0 | 0 | 71 | 97 | 000 | 0 | 7 | 36 | 02 | 96 | 03 | 0 | 671 | 86 | 2 | 9 | 5 | 6 | 0 | 74 | 84 | — 5 | + 4 | 0.3 | — 0.6 | 8.8 | 11 |
| | Horipur | ... | 000 | 0 | 0 | 23 | 03 | 97 | 00 | 0 | 979 | 93 | 0 | 0 | 9 | 0 | 0 | 73 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.0 | — | 19.8 | — |
| D. I. Khan | Bannu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 11 |
| | D. I. Khan | ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 952 | 97 | 0 | 0 | 9 | 0 | 0 | 77 | 85 | 000 | 0 | 0 | 05 | 02 | // | // | / | 980 | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 83 | — 19 | 0 | 0.3 | — 1.2 | 3.0 | 9 |
| Quetta | Sibi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 5 |
| | Nokkundi | ... | 000 | 0 | 0 | 31 | 09 | 95 | 03 | 4 | 892 | 10 | 0 | 0 | 9 | 0 | 0 | 61 | 11 | 000 | 0 | 0 | 31 | 14 | 95 | 05 | 4 | 939 | 92 | 0 | 0 | 9 | 0 | 0 | 57 | 86 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | ... | 000 | 0 | 0 | 12 | 03 | 98 | 00 | 0 | /// | 98 | 0 | 0 | 9 | 0 | 0 | 72 | 98 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 054 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 82 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | ... | 000 | 0 | 5 | 18 | 05 | 96 | 01 | 2 | 987 | 85 | 3 | 6 | 5 | 0 | 0 | 76 | 87 | 000 | 0 | 7 | 18 | 05 | 96 | 03 | 5 | 003 | 82 | 5 | 6 | 5 | 2 | 0 | 74 | 81 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | ... | 000 | 0 | 0 | 18 | 04 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | / | / | 79 | 09 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | + 4 | // | 0.0 | — 0.5 | 0.0 | 6 |
| | Ormara | ... | 000 | 0 | 1 | 27 | 16 | 96 | 02 | 2 | 972 | 87 | 2 | 6 | 6 | 0 | 0 | 75 | 88 | 000 | 0 | 3 | 27 | 16 | 96 | 06 | 6 | 991 | 83 | 1 | 6 | 6 | 3 | 0 | 77 | // | — | — | 0.0 | — 0.3 | 0.0 | 6 |
| | Lasbela | ... | /// | 0 | 0 | 13 | 01 | 98 | 00 | 0 | 967 | 01 | 0 | 0 | 8 | 0 | 0 | 82 | 02 | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 989 | 82 | 0 | 0 | 9 | 0 | 0 | 78 | 76 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 5 | 27 | 09 | 96 | 01 | 2 | 998 | 83 | 5 | 6 | 4 | 0 | 0 | 78 | 82 | — | + 1 | — | — | — | 8 |
| | Karachi (Airport) | ... | 000 | 0 | 2 | 23 | 10 | 96 | 01 | 0 | 971 | 88 | 2 | 0 | 9 | 3 | 0 | 78 | 94 | 000 | 0 | 6 | 27 | 10 | 96 | 02 | 0 | 991 | 84 | 5 | 6 | 4 | 3 | 1 | 78 | 81 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | — |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — | 7 |
| | Hyderabad | ... | 000 | 0 | 2 | 23 | 05 | 97 | 03 | 0 | 952 | 03 | 2 | 5 | 6 | 0 | 0 | 67 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | — | — | — | — | 9 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 9 | 6 | 27 | 10 | 96 | 03 | 9 | 985 | 84 | 1 | 2 | 6 | 6 | 0 | 77 | 80 | — | — | 0.1 | — 2.4 | 0.1 | — |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 18 | 03 | 96 | 03 | 0 | 959 | 89 | 2 | 0 | 9 | 5 | 7 | 73 | 85 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | ... | 000 | 0 | 3 | 00 | 00 | 96 | 03 | 0 | 950 | 02 | 0 | 0 | 9 | 0 | 2 | 73 | 04 | 000 | 0 | 0 | 18 | 03 | 96 | 02 | 0 | 967 | 89 | 0 | 0 | 9 | 0 | 0 | 76 | 84 | — | — | 0.1 | — | 1.3 | 4 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 0 | 957 | 92 | 9 | 6 | 0 | 3 | 0 | 68 | 88 | — | — | 1.0 | — | 1.4 | — |
| | Kashmore | ... | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 954 | 03 | 0 | 0 | 9 | 0 | 0 | 71 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 4 |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 09 | 03 | 96 | 05 | / | 952 | 93 | 1 | 0 | 9 | 3 | 0 | 77 | 89 | | + 5 | 2.3 | + 1.6 | 2.4 | 20 |
| Junagadh | Veraval | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar | ** ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree | * ... | 004 | 4 | 6 | 00 | 00 | 97 | 02 | 9 | /// | 74 | 6 | 1 | 4 | 0 | 0 | 65 | 76 | 000 | 9 | 4 | 27 | 02 | 98 | 01 | 9 | ... | 69 | 4 | 5 | 3 | 0 | 0 | 61 | 61 | 0 | — 1 | 20.6 | +10.7 | 29.0 | 29 |
| Malakand | Drosh | * ... | 000 | 0 | 4 | 23 | 12 | 97 | 06 | 1 | 381 | 93 | 4 | 2 | 7 | 0 | 0 | 52 | 96 | 000 | 0 | 5 | 18 | 02 | 96 | 06 | 1 | 399 | 78 | 5 | 3 | 6 | 0 | 0 | 68 | // | — 1 | // | 0.9 | — | 9.5 | — |
| Peshawar | Cherat | * ... | 000 | 0 | 0 | 18 | 05 | 98 | 00 | 0 | 417 | 84 | 0 | 0 | 9 | 0 | 0 | 67 | 85 | 000 | 0 | 4 | 18 | 03 | 96 | 03 | 0 | 440 | 77 | 4 | 0 | 9 | 2 | 0 | 70 | 73 | — 4 | + 2 | 2.4 | — 0.8 | 2.0 | — |
| | Kakul | * ... | 000 | 0 | 2 | 26 | 05 | 99 | 01 | 1 | 418 | 84 | 2 | 2 | 7 | 0 | 0 | 67 | 84 | 000 | 0 | 3 | 20 | 02 | 97 | 01 | 1 | 435 | 77 | 1 | 2 | 6 | 3 | 0 | 70 | 71 | — | — | 17.3 | | 19.8 | 29 |
| | Landikotal | * ... | 000 | 0 | 4 | 18 | 05 | 97 | 02 | 2 | 407 | 90 | 4 | 0 | / | 2 | 0 | 68 | 92 | 000 | 0 | 4 | 36 | 02 | 97 | 02 | 2 | 432 | 83 | 4 | 0 | / | 3 | 0 | 75 | 77 | — | — | 0.4 | — | 10.1 | 13 |
| | Parachinar | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 11 |
| D.I. Khan | Miranshah | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| | Wana | * ... | 000 | 0 | 0 | 31 | 06 | 96 | 03 | 0 | 400 | 84 | 8 | 5 | 7 | 0 | 0 | // | 91 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 391 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | 75 | — | — | 0.0 | — 1.7 | 1.6 | — |
| Quetta | Fort Sandeman | * ... | 000 | 0 | 2 | 00 | 00 | 95 | 05 | 4 | 385 | 93 | 2 | 1 | 7 | 0 | 0 | 57 | 93 | 000 | 0 | 0 | 00 | 00 | 95 | 04 | 3 | 416 | 80 | 0 | 0 | 9 | 0 | 0 | 68 | 66 | — 7 | — 7 | 2.9 | + 1.2 | 5.1 | 9 |
| | Hindubagh | * ... | 000 | 0 | 0 | 34 | 09 | 95 | 05 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | 47 | 97 | 000 | 0 | 0 | 25 | 02 | 95 | 05 | 0 | /// | 77 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | — | — | 0.4 | — | 2.1 | — |
| | Loralai | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Barkhan | * ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Harnai | * ... | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 405 | 97 | 0 | 2 | 7 | 0 | 0 | 71 | 97 | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 399 | 88 | 0 | 0 | 9 | 0 | 0 | 69 | 82 | — | — | 0.0 | — 1.8 | 0.0 | 8 |
| | Samungli (Quetta) | * ... | 000 | 0 | 0 | 36 | 05 | 95 | 06 | 0 | 384 | 95 | 0 | 0 | 9 | 0 | 0 | 73 | 97 | 000 | 0 | 0 | 13 | 05 | 96 | 04 | 0 | 427 | 77 | 0 | 0 | 9 | 0 | 0 | 67 | 72 | + 3 | + 3 | 0.4 | + 0.2 | 3.2 | — |
| | Chaman | * ... | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 453 | 02 | 0 | 0 | 9 | 0 | 0 | 87 | 03 | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 472 | 86 | 0 | 0 | 9 | 0 | 0 | 86 | 84 | + 1 | + 9 | 0.0 | — 0.0 | 1.3 | — |
| | Nushki | * ... | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 441 | 05 | 0 | 0 | 9 | 0 | 0 | 49 | 07 | 000 | 0 | 0 | 00 | 00 | 94 | 06 | 0 | 451 | 91 | 0 | 0 | 9 | 0 | 0 | 39 | 85 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin | * ... | 000 | 0 | / | 23 | 05 | 93 | 06 | 4 | 396 | 07 | 0 | 0 | 9 | / | / | 32 | 09 | 000 | 0 | 0 | 05 | 02 | 94 | 04 | 4 | 405 | 86 | 0 | 0 | 9 | 0 | 0 | 32 | 80 | 0 | — 3 | 0.0 | — 0.5 | 0.7 | 7 |
| Kalat | Kalat | * ... | 000 | 0 | 0 | 03 | 10 | 93 | 00 | 2 | 367 | 98 | 0 | 1 | 9 | 0 | 0 | 66 | 91 | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 2 | 401 | 75 | 0 | 0 | 9 | 0 | 0 | 61 | 74 | — 2 | + 18 | 0.0 | — 0.5 | 0.4 | — |
| | Khuzdar | * ... | 000 | 3 | 7 | 31 | 16 | 96 | 17 | 9 | 405 | 08 | 7 | 9 | 5 | 0 | 0 | 57 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.6 | — | 0.8 | 5 |
| | Panjgur | * ... | 000 | 0 | 2 | 27 | 05 | 95 | 05 | 0 | 309 | // | 0 | 0 | 9 | 0 | 1 | 68 | 00 | 000 | 0 | 3 | 27 | 03 | 95 | 05 | 0 | 413 | 80 | 0 | 0 | 9 | 0 | 1 | 76 | 77 | — 3 | 0 | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 16th JULY, 1971.**

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC h_sh_s$ | $OI_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA UTKS | 99 1 66 | 10 6 77 | 16 0 01 | 82 7 15 | 97 0 22 | 05 1 27 | 28 4 11 | ... | 73 6 13 | | ... | 12 9 00 | 3/ / 05 | 07 0 16 |
| —do—GZKN | 99 2 48 | 10 6 25 | 16 0 06 | 81 9 01 | / / / / / | 00 4 30 | 86 4 00 | 24 3 05 | ... | | 00 0 25 | ... | 30 3 02 | 17 8 03 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oT_oD_oD_o$ | 1000mb (hhh $TTT_a$ DD) | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 998 254 04 | 516 //, // | 400 164 05 | 053 102 27 | 578 049 / / | 752 113 50 | 966 259 42 | 247 469 / / | 433 593 / / | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 995 280 26 | 517 /// // | 400 184 / / | 023 048 / / | 570 095 / / | 740 191 / / | 950 271 / / | 235 401 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 957 208 50 | 533 /// // | 390 270 03 | 079 164 63 | 585 000 81 | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 976 314 57 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$ | TROPOPAUSE First $P_tP_tP_tT_tT_tT_{at}$ | Transition $d_td_tf_tf_tf_t$ | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 547 000 15 | ... | ... | ... | ... | ... | ... | . | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | . | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 115 03 | 130 03 | 075 04 | 085 03 | 140 03 | 310 06 | 295 12 | 310 16 |
| Chhor ... | 340 01 | 075 03 | 055 05 | 055 12 | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 125 15 | 125 34 | 125 40 | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 140 04 | 125 07 | 120 05 | 105 03 | 140 04 | 170 06 | ... | ... | ... |
| Drosh ... | ... | ... | ... | 230 13 | 220 12 | 165 09 | 240 27 | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 095 17 | 120 12 | 105 12 | 220 15 | 260 27 | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 170 02 | 135 04 | 160 05 | 130 09 | 095 11 | 085 08 | 080 11 | 055 13 | 060 23 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 225 14 | 205 06 | 130 04 | 060 07 | 075 21 | 015 23 | 360 37 | ... | 360 49 |
| Khanpur ... | 280 07 | 290 07 | 295 07 | 335 03 | 290 03 | 285 02 | 040 09 | 360 10 | 010 10 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 100 05 | 300 05 | 300 04 | 310 03 | 255 04 | 220 03 | 150 05 | 140 08 | 150 08 |
| Multan ... | 085 03 | 100 03 | 100 05 | 350 02 | 320 05 | 350 10 | 360 20 | 005 31 | 010 31 |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 320 13 | 330 33 | 330 39 | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 010 04 | 040 03 | 080 03 | 150 06 | 205 10 | 205 12 | 225 11 | 235 15 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 275 04 | 275 02 | 030 04 | ... | ... |
| Sargodha ... | 050 01 | 020 03 | 025 03 | 060 02 | 025 09 | 010 13 | 005 27 | 350 17 | 355 15 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 225 17 | 230 15 | ... | 281 13 | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 125 // | 160 29 | 170 22 | ... | 190 22 | ... |
| Dalbandin ... | ... | ... | 270 05 | 235 10 | 255 09 | 310 03 |
| D. I. Khan ... | 160 08 | 190 16 | 185 11 | 180 05 | 230 03 | 105 04 |
| Drosh ... | ... | ... | ... | 230 03 | 210 11 | 280 06 |
| Fort Sandeman ... | ... | ... | ... | 040 12 | 065 06 | 095 02 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 185 12 | 190 08 | 170 07 | 195 04 | 345 19 | 310 06 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 250 6 | 195 08 | 180 06 | ... | ... | ... |
| Karachi ... | 265 18 | .7 19 | 261 07 | 280 12 | 320 08 | 015 19 |
| Khanpur ... | 170 04 | 215 05 | 265 04 | 025 03 | 245 05 | ... |
| Khuzdar ... | ... | ... | ... | 320 05 | 315 06 | 300 11 |
| Lahore ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 14/ 17 | 14/ 15 | 165 11 | 165 05 | 230 06 | 220 10 |
| Nawab Shah ... | 265 08 | 280 09 | 235 12 | 090 03 | 060 04 | 035 15 |
| Nokkundi ... | ... | ... | 325 16 | 335 47 | 335 47 | ... |
| Panjgur ... | ... | ... | ... | 251 6 | 270 19 | ... |
| Peshawar ... | ... | 340 06 | 290 06 | 270 02 | 040 03 | 110 06 |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 290 04 | 210 3/ |
| Sargodha ... | 190 01 | 190 03 | 190 03 | 050 05 | 050 05 | 020 05 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 315 06 | 310 04 | 310 04 | 075 03 | 335 03 | 315 07 | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 125 15 | 145 18 | 170 13 | ... | 165 02 | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 165 05 | 140 06 | 140 08 | 140 07 | 105 03 | 280 04 | 030 14 | 325 24 | 315 21 | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 210 17 | 195 11 | 175 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 280 24 | 280 24 | 280 21 | 295 11 | 315 10 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 120 04 | 110 03 | 100 4 | 135 04 | 150 04 | 140 09 | 130 13 | 085 06 | /// // | 010 04 | ... |
| Multan ... | 155 17 | 141 09 | 125 05 | 060 10 | 050 07 | 050 12 | 005 20 | 020 19 | 020 26 | 025 17 | ... |
| Nawab Shah ... | 120 05 | 125 05 | 125 15 | 105 05 | 020 07 | 360 14 | 055 20 | 065 10 | 060 10 | 030 07 | 090 06 |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 065 17 | 070 19 | 040 05 | 220 06 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | / / | 195 01 | 335 09 | ... | ... | ... | ... | ... |
| Sargodha ... | 080 09 | 100 12 | 110 10 | 225 08 | 315 05 | 330 07 | 345 10 | 350 10 | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ V, etc.)

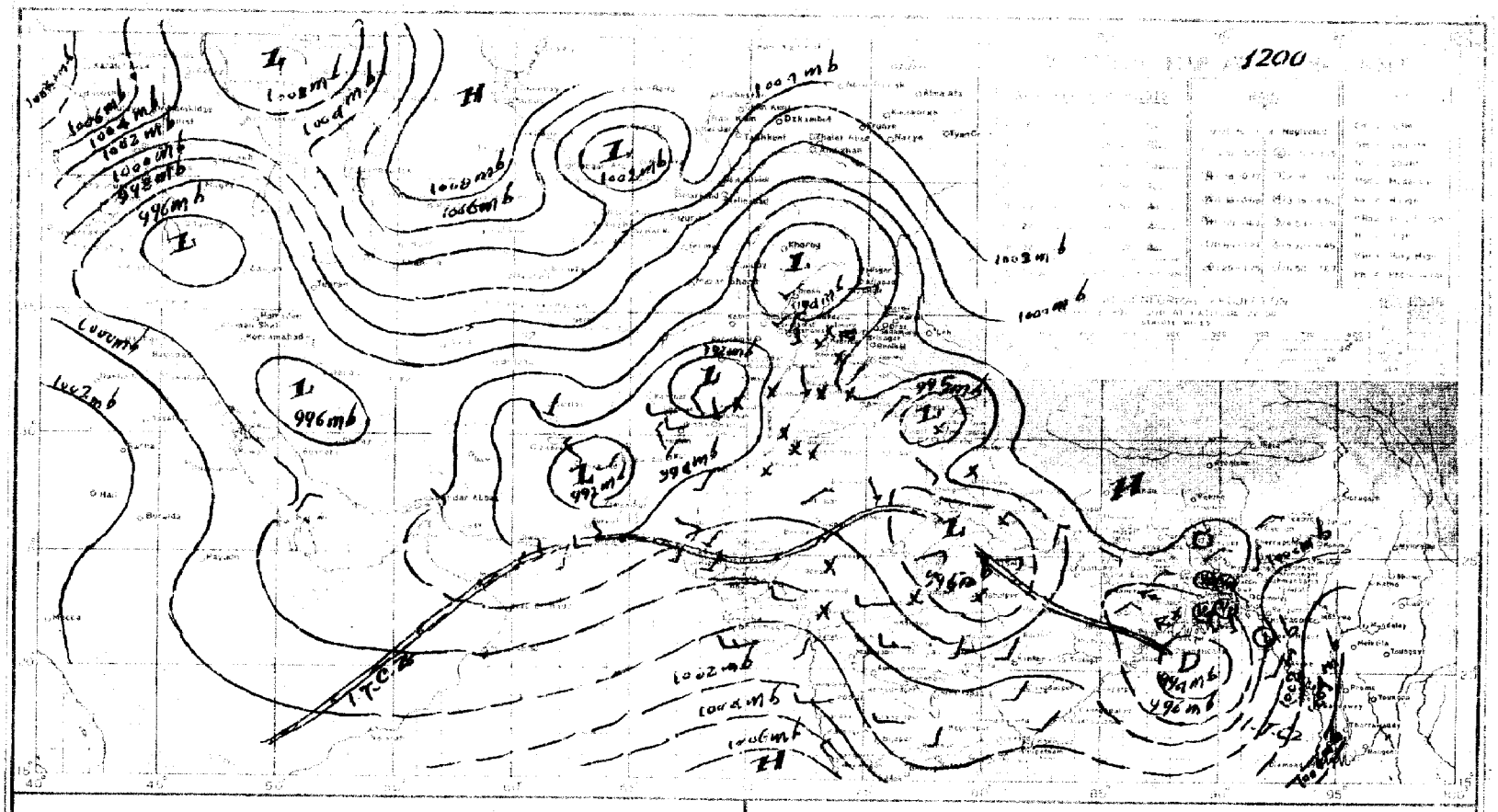
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

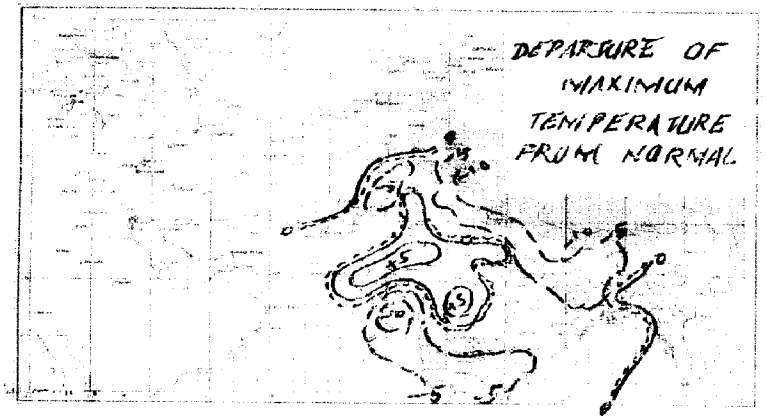
† The actual time of observations may vary within half an hour of the specified time
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

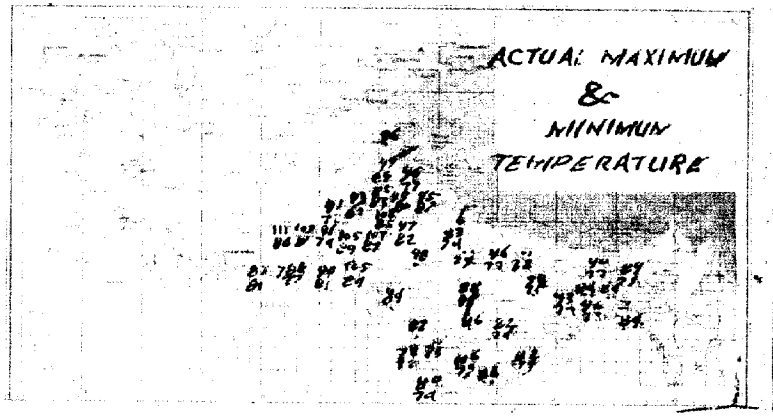
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

THURSDAY 15th JULY, 1971.

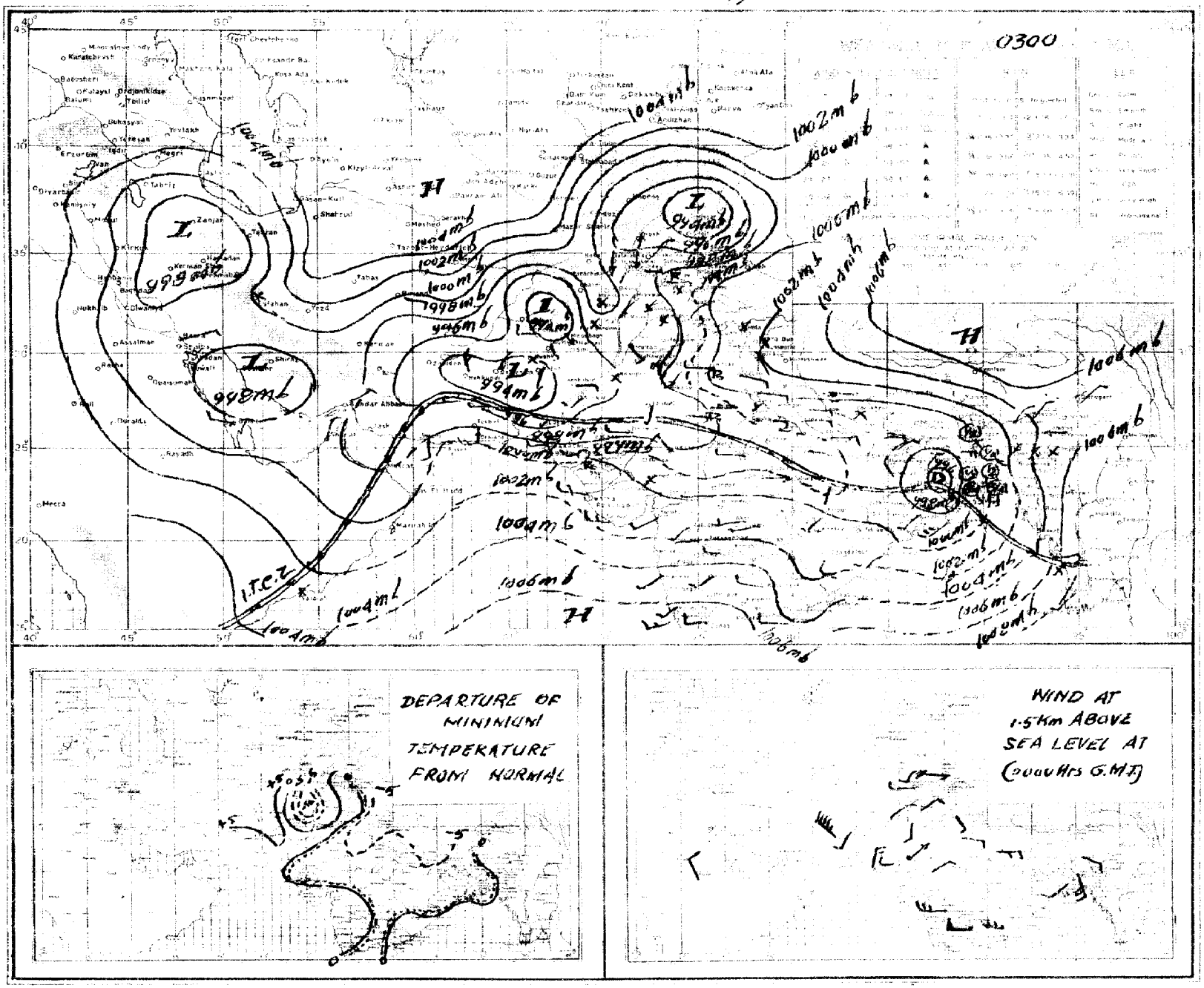


# PAKISTAN DAILY WEATHER MAP

FRIDAY 16th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SATURDAY THE 17th JULY, 1971.

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

Yesterday's depression weakened by last evening and now lies as a well marked low over Bihar and adjoining Uttar Pradesh.

Rainfall has been widespread over East Pakistan.

Yesterday's westerly trough which extended across Rawalpindi, Sargodha and Multan divisions to northwest Rajasthan and Bahawalpur divisions last evening is now moving away northeastwards.

Moist easterlies are Penetrating into northern areas of West Pakistan.

Widespread thunderstorms/rain have occurred in Rawalpindi division, fairly widespread in Sargodha and Hyderabad divisions, local in Lahore and Peshawar divisions and scattered in D. I. Khan, Kalat and Khairpur divisions. A few falls of drizzle have also been reported from Karachi division.

Chief amounts of rainfall are Chittagong (upto 0000 Z) 4", Cox's Bazar, Rajshahi, Khushab and Chhor (upto 0000 Z) 2" each, Rawalpindi, Narayanganj, Dacca, Barisal, Khulna and Campbellpur 1" each, Ormara and Hyderabad ¾" each, Rangamati (upto 0000 Z) Comilla (upto 1200 Z), Sylhet, Mymensingh (upto 0000 Z), Jessore and Bogra ½" each and Faridpur, Satkhira, Murree, Sargodha and Haripur ¼" each.

Day temperatures were 5– 8 °F (3—4 °C) above normal in western Quetta and Hyderabad divisions and 3– 7 °F (2—4 °C) below normal in Chittagong, Dacca, Khulna, Lahore, Sargodha, Peshawar and northern Quetta divisions.

**Forecast valid until the evening of the 18th July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan and in Lahore, Rawalpindi and Malakand divisions and in Kashmir, with a few moderately heavy to heavy falls over Khulna, Lahore and Rawalpindi divisions.

Scattered rain/thundershowers are also likely over Peshawar, Sargodha, D. I. Khan, Quetta, Multan, Bahawalpur, Khairpur and Hyderabad divisions. A few falls of light rain/drizzle also likely over coastal Kalat and Karachi divisions.

Karachi–32
The 17th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents | Past weather commenced at † | Total cloud amount | Wind direction in tens of degrees | Wind speed in Knots | Horizontal visibility † | Present weather † | Past weather † | Sea level pressure (mbs. and tenths) | Dry Bulb temperature °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 | 033 | 7 | 7 | 18 | 09 | 97 | 21 | 6 | 025 | 79 | 4 | 7 | 4 | 1 | / | 77 | // |
| | Cox's Bazar | 084 | 9 | 8 | 13 | 09 | 96 | 63 | 6 | 014 | 79 | 6 | 7 | 3 | 2 | 0 | 79 | 81 |
| | Chittagong | 251 | 9 | 8 | 03 | 18 | 96 | 10 | 6 | 018 | 67 | 7 | 7 | 3 | 2 | / | 75 | 79 |
| | Maisdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | 050 | 0 | 7 | 00 | 00 | 96 | 62 | 6 | 000 | 75 | 7 | 4 | 4 | 0 | 0 | 75 | // |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 049 | 9 | 8 | 00 | 00 | 97 | 02 | 6 | 020 | 79 | 6 | 5 | 4 | 2 | / | 73 | 81 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 015 | 7 | 8 | 13 | 02 | 97 | 53 | 5 | 002 | 81 | 8 | 7 | 4 | 0 | 0 | 77 | 88 |
| | Narayanganj | | | | | | | | | | | | | | | | | |
| | Dacca (Tejgaon) | 045 | 9 | 8 | 13 | 05 | 96 | 21 | 6 | 997 | 79 | 2 | 3 | 3 | 7 | / | 77 | 81 |
| | Faridpur | 008 | 3 | 8 | 16 | 02 | 97 | 02 | 6 | 977 | 81 | 7 | 5 | 5 | 1 | 0 | 79 | 84 |
| Khulna | Barisal | 072 | 1 | 7 | 19 | 05 | 96 | 21 | 6 | 991 | 79 | 6 | 6 | 3 | 2 | / | 79 | 83 |
| | Khulna | 049 | 3 | 6 | 00 | 00 | 97 | 02 | 0 | 988 | 79 | 3 | 3 | 4 | 0 | 0 | 79 | 81 |
| | Satkhira | 095 | 3 | 8 | 13 | 06 | 97 | 50 | 6 | 971 | 79 | 4 | 7 | 9 | 0 | 0 | 79 | 81 |
| | Jessore | 047 | 6 | 8 | 13 | 09 | 96 | 53 | 6 | 974 | 79 | 6 | 7 | 4 | 2 | / | 79 | // |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | | | | | | | | | | | | | | | | | |
| | Bogra | | | | | | | | | | | | | | | | | |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | | | | | | | | | | | | | | | | | |
| | Sialkot | 000 | 0 | 7 | 09 | 02 | 98 | 17 | 9 | 992 | 77 | 5 | 9 | 5 | 2 | 0 | 73 | 93 |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 4 | 13 | 03 | 97 | 01 | 1 | 943 | 92 | 1 | 5 | 6 | 0 | 0 | 71 | 95 |
| | Campbellpur | | | | | | | | | | | | | | | | | |
| Sargodha | Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 23 | 0 | 933 | 03 | 0 | 0 | 9 | 0 | 0 | 87 | 04 |
| | Sargodha | 000 | 0 | 7 | 18 | 03 | 96 | 06 | 0 | 936 | 99 | 1 | 5 | 6 | 3 | 0 | 72 | 02 |
| | Lyallpur | 000 | 0 | 0 | 25 | 02 | 95 | 00 | 0 | 946 | 92 | 0 | 0 | 9 | 0 | 0 | 63 | 95 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | | | | | | | | | | | | | | | | | |
| | Lodh | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur | | | | | | | | | | | | | | | | | |
| | Bahawalpur | 000 | 0 | 0 | 00 | 03 | // | / | / | 963 | // | 0 | 0 | 9 | 0 | 0 | 62 | 04 |
| | Fort Abbas | | | | | | | | | | | | | | | | | |
| Malakand | Chakdara | 000 | 0 | 3 | 27 | 09 | 97 | 03 | 1 | 911 | 95 | 3 | 2 | 7 | 0 | 0 | 74 | 96 |
| Peshawar | Peshawar | 000 | 0 | 5 | 36 | 07 | 97 | 02 | 1 | 916 | 95 | 1 | 3 | 0 | 0 | 2 | 75 | 97 |
| | Haripur | 000 | 0 | 0 | 23 | 03 | // | / | / | 098 | 05 | 0 | 0 | 9 | 0 | 0 | 75 | 93 |
| D.I. Khan | Bannu | | | | | | | | | | | | | | | | | |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 925 | 02 | 0 | 0 | 9 | 0 | 0 | 78 | 02 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 31 | 09 | 95 | 05 | 4 | 880 | 09 | 0 | 0 | 9 | 0 | 0 | 63 | 10 |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 04 | 98 | 00 | 0 | 999 | 03 | 0 | 0 | 9 | 0 | 0 | 67 | 03 |
| | Jiwani | 000 | 0 | 7 | 18 | 14 | 96 | 01 | 2 | 965 | 85 | 7 | 5 | 6 | 0 | 0 | 75 | 86 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 95 |
| | Ormara | 000 | 0 | 1 | 25 | 12 | 96 | 02 | 2 | 155 | // | 0 | 6 | 6 | 0 | 0 | 73 | 107 |
| | Lasbela | 000 | 0 | 0 | 18 | 02 | 98 | 03 | 0 | 947 | 04 | 0 | 0 | 9 | 0 | 0 | 62 | 06 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) | 000 | 0 | 3 | 23 | 14 | 96 | 03 | 0 | 955 | 87 | 3 | 6 | 5 | 0 | 0 | 78 | 94 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 000 | 0 | 5 | 23 | 10 | 96 | 06 | 0 | 928 | 87 | 2 | 0 | 9 | 8 | 1 | 74 | 07 |
| | Badin | 000 | 0 | 6 | 23 | 14 | 96 | 03 | 2 | 955 | 94 | 2 | 1 | 6 | 1 | 0 | 75 | 99 |
| Khairpur | Padidan | 000 | 0 | 5 | 18 | 05 | 96 | 02 | 2 | 912 | 07 | 2 | 6 | 0 | 0 | 4 | 63 | 09 |
| | Nawabshah | 000 | 0 | 1 | 10 | 05 | 96 | 02 | 0 | 927 | 06 | 1 | 0 | 9 | 0 | 0 | 73 | 08 |
| | Sukkur | 000 | 0 | 6 | 02 | 02 | 96 | 02 | 3 | 911 | 11 | 6 | 0 | 9 | 6 | 0 | 73 | 12 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | | | | | | | | | | | | | | | | | |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | |
| Malakand | Drosh * | 000 | 0 | 3 | 27 | 12 | 97 | 06 | 1 | 395 | // | 3 | 1 | 7 | 0 | 0 | 00 | 96 |
| Peshawar | Chorat * | 000 | 0 | 4 | 18 | 05 | 96 | 02 | 2 | 414 | 85 | 4 | 0 | 9 | 2 | 0 | 71 | 86 |
| | Kakul * | 007 | 1 | 2 | 13 | 02 | 97 | 10 | 6 | /// | 83 | 1 | 2 | 5 | 3 | 0 | 64 | 84 |
| | Landikotal * | 000 | 0 | 2 | 13 | 05 | 98 | 02 | 2 | 398 | 91 | 2 | 0 | / | 3 | 0 | 66 | 93 |
| | Parachinar * | 000 | 2 | 7 | 05 | 05 | 97 | 17 | 9 | 404 | 78 | 5 | 9 | 6 | 2 | 0 | 62 | 86 |
| D.I. Khan | Miranshah * | | | | | | | | | | | | | | | | | |
| | Wana * | 000 | 0 | 8 | 13 | 06 | 96 | 03 | 0 | 400 | 82 | 8 | 5 | 7 | 0 | 0 | 79 | 92 |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 13 | 02 | 96 | 50 | 0 | 371 | 92 | 3 | 1 | 7 | 0 | 0 | 56 | 97 |
| | Hindubagh * | 000 | 0 | 8 | 02 | 09 | 95 | 03 | 0 | /// | 93 | 8 | 5 | 4 | 0 | 0 | 52 | 99 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | / | 03 | 01 | 96 | 02 | 0 | 384 | 96 | 0 | 2 | 7 | 0 | 0 | 91 | 01 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 31 | 05 | 96 | 06 | 0 | 369 | 98 | 2 | 6 | 9 | 0 | 0 | 36 | 99 |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 420 | 20 | 0 | 0 | 9 | 0 | 0 | 87 | 03 |
| | Nushki * | 000 | 0 | 0 | 22 | 03 | 94 | 06 | 0 | 462 | 05 | 0 | 0 | 9 | 0 | 0 | 35 | 07 |
| | Dalbandin * | 000 | 0 | 0 | 13 | 02 | 94 | 06 | 0 | 383 | 09 | 0 | 0 | 9 | 0 | 0 | 30 | 11 |
| Kalat | Kalat * | 000 | 0 | 6 | 36 | 00 | 93 | 00 | 2 | 465 | 91 | 0 | 0 | 9 | 2 | 0 | 71 | 94 |
| | Khuzdar * | 000 | 0 | 2 | 13 | 05 | 97 | 03 | 0 | 363 | 98 | 2 | 1 | 7 | 0 | 0 | 55 | 99 |
| | Panjgur * | 000 | 0 | 0 | 31 | 02 | 95 | 05 | 0 | 291 | 102 | 0 | 0 | 9 | 0 | 0 | 80 | 104 |

| DIVISIONS | STATIONS | At 0300 Hrs. G.M.T. of date: Rainfall in Cents | Past weather commenced at † | Total Cloud amount | Wind direction in tens of degree | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | RRR | Wc | N | dd | ff | VV | ww | W | PPP | TT | Nh | CL | h | CM | CH | Td'd | TnTn |
| 1 | 2 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 33 | 33 | 34 | 35 | 36 |
| Chittagong | Rangamati | 842 | 9 | 8 | 22 | 03 | 95 | 61 | 6 | 038 | 80 | 7 | 6 | 3 | 7 | 0 | 75 | 76 |
| | Cox's Bazar | ... | | | | | | | | | | | | | | | | |
| | Chittagong | ... | | | | | | | | | | | | | | | | |
| | Maisdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | ... | | | | | | | | | | | | | | | | |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 056 | 9 | 8 | 05 | 05 | 96 | 52 | 5 | 034 | 80 | 4 | 5 | 5 | 2 | / | 75 | 75 |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | ... | | | | | | | | | | | | | | | | |
| | Narayanganj | 100 | 0 | 8 | 03 | 02 | 97 | 02 | 6 | 024 | 81 | 8 | 6 | 3 | / | / | 79 | 75 |
| | Dacca (Tejgaon) | 096 | 9 | 7 | 13 | 03 | 96 | 61 | 6 | 016 | 80 | 7 | 9 | 3 | 2 | 0 | 78 | 76 |
| | Faridpur | 013 | 0 | 7 | 16 | 02 | 97 | 02 | 6 | 004 | 82 | 5 | 5 | 5 | / | 0 | 84 | // |
| Khulna | Barisal | 115 | 9 | 8 | 14 | 07 | 96 | 60 | 6 | 016 | 78 | 6 | 3 | 3 | 2 | / | 78 | 77 |
| | Khulna | 095 | 9 | 6 | 13 | 03 | 97 | 02 | 0 | 992 | 79 | 4 | 2 | 4 | 0 | 0 | 75 | 75 |
| | Satkhira | 020 | 0 | 8 | 18 | 06 | 97 | 50 | 6 | 003 | 79 | 8 | 7 | 9 | 0 | 0 | 71 | 76 |
| | Jessore | 064 | 9 | 7 | 13 | 05 | 96 | 02 | 6 | 005 | 80 | 4 | 6 | 4 | 2 | 0 | 77 | 77 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 177 | 9 | 7 | 13 | 05 | 96 | 02 | 6 | 993 | 80 | 3 | 2 | 5 | 3 | 0 | 75 | 77 |
| | Bogra | 050 | 1 | 8 | 09 | 03 | 96 | 60 | 6 | 012 | 80 | 7 | 5 | 4 | 4 | 0 | 77 | 76 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 012 | 0 | 7 | 09 | 02 | 96 | 03 | 2 | 010 | 82 | 7 | 0 | 9 | 2 | 0 | 80 | 78 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 13 | 02 | 97 | 02 | 0 | 993 | 85 | 1 | 1 | 7 | 0 | 1 | 74 | 80 |
| | Sialkot | 000 | 0 | 7 | 00 | 00 | 98 | 02 | 1 | 003 | 82 | 5 | 5 | 6 | 7 | 0 | 71 | 76 |
| Rawalpindi | Jhelum | 000 | 0 | 7 | 36 | 03 | 97 | 60 | 9 | 004 | 75 | 5 | 3 | 6 | 2 | 0 | 67 | 75 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 128 | 9 | 8 | 13 | 03 | 96 | 95 | 9 | 013 | 74 | 6 | 9 | 6 | 2 | 0 | 73 | 72 |
| | Campbellpur | 120 | 6 | 4 | 09 | 01 | 97 | 00 | 0 | /// | 70 | 0 | 0 | 0 | 0 | 0 | 76 | 72 |
| Sargodha | Khushab | 215 | 2 | 8 | 05 | 05 | 96 | 30 | 5 | 013 | 72 | 8 | 5 | 9 | 0 | 0 | 72 | // |
| | Sargodha | ... | | | | | | | | | | | | | | | | |
| | Lyallpur | 000 | 0 | 5 | 29 | 02 | 97 | 02 | 0 | 992 | 85 | 5 | 4 | 7 | 0 | 0 | 73 | 80 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 36 | 04 | 93 | 00 | 0 | 930 | 92 | 0 | 0 | 9 | 0 | 0 | 78 | 85 |
| | Lodh | 000 | 0 | 3 | 13 | 02 | 97 | 02 | 0 | 993 | 85 | 1 | 1 | 7 | 0 | / | 74 | 80 |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 23 | 03 | 96 | 01 | 0 | 971 | 88 | 0 | 0 | 9 | 0 | / | 74 | 94 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 966 | 95 | 0 | 0 | 9 | 0 | 0 | 67 | 84 |
| | Fort Abbas | 000 | 0 | 0 | 23 | 04 | 98 | 00 | 0 | 055 | 97 | 0 | 0 | 9 | 0 | 0 | 81 | 98 |
| Malakand | Chakdara | ... | | | | | | | | | | | | | | | | |
| Peshawar | Peshawar | ... | | | | | | | | | | | | | | | | |
| | Haripur | 022 | 6 | 7 | 06 | 03 | 97 | 50 | 6 | 995 | 76 | 7 | 5 | 6 | 0 | 0 | 74 | 74 |
| D.I. Khan | Bannu | 000 | 0 | 5 | 31 | 01 | 98 | 04 | 9 | 996 | 76 | 5 | 5 | 6 | 0 | 0 | 71 | 74 |
| | D. I. Khan | 000 | 0 | 7 | 05 | 02 | 97 | 02 | 9 | 995 | 78 | 4 | 0 | 9 | 3 | 1 | 75 | // |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 31 | 28 | 95 | 18 | 4 | 932 | 91 | 0 | 0 | 9 | 0 | 0 | 51 | 86 |
| Kalat | Turbat | ... | | | | | | | | | | | | | | | | |
| | Jiwani | 000 | 0 | 0 | 16 | 07 | 96 | 02 | 0 | 987 | 82 | 6 | 6 | 4 | 0 | 0 | 75 | 80 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 95 |
| | Ormara | 000 | 0 | 6 | 27 | 05 | 96 | 06 | 6 | 998 | 82 | 6 | 6 | 6 | 0 | 0 | 78 | // |
| | Lasbela | ... | | | | | | | | | | | | | | | | |
| Karachi division | Karachi (Manora) | /// | / | / | / | / | 96 | 03 | 5 | 985 | 83 | 6 | 0 | 9 | 2 | 0 | 77 | 81 |
| | Karachi (Airport) | 000 | 0 | 5 | 29 | 09 | 96 | 03 | 1 | 987 | 83 | 3 | 6 | 5 | 3 | 0 | 79 | 78 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | | | | | | | | | | | | | | | | | |
| | Hyderabad | 071 | 8 | 6 | 23 | 03 | 97 | 00 | 6 | 972 | 83 | 8 | 0 | 9 | 3 | 0 | 77 | 74 |
| | Badin | ... | | | | | | | | | | | | | | | | |
| Khairpur | Padidan | ... | | | | | | | | | | | | | | | | |
| | Nawabshah | 000 | 0 | 4 | 18 | 05 | 96 | 03 | 0 | 967 | 87 | 2 | 0 | 9 | 2 | 2 | 79 | 78 |
| | Sukkur | 000 | 0 | 6 | 18 | 05 | 96 | 03 | 0 | 966 | // | 6 | 0 | 9 | 6 | 0 | 76 | 84 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 017 | 6 | 4 | 18 | 05 | 96 | 05 | 9 | 967 | 89 | 0 | 0 | 9 | 0 | 8 | 77 | 82 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 031 | 3 | 8 | // | 05 | 97 | 03 | 9 | /// | 58 | 8 | 5 | 4 | / | / | 54 | // |
| Malakand | Drosh * | 000 | 0 | 4 | 00 | 00 | 97 | 06 | 1 | /// | 80 | 4 | 2 | 6 | 0 | 0 | 61 | 77 |
| Peshawar | Chorat * | 013 | 2 | 7 | 18 | 07 | 96 | 01 | 6 | 428 | 65 | 7 | 2 | 8 | 0 | 0 | 65 | 64 |
| | Kakul * | 017 | 3 | 7 | 27 | 02 | 95 | 21 | 9 | 464 | // | 6 | 5 | 9 | 5 | 9 | / | 68 |
| | Landikotal * | 000 | 0 | 8 | 18 | 05 | 97 | 02 | 0 | 425 | 72 | 8 | 6 | / | 0 | 0 | 66 | 68 |
| | Parachinar * | 032 | 0 | 3 | 13 | 02 | 97 | 02 | 0 | 427 | 71 | 2 | 5 | 6 | 3 | 0 | 66 | 68 |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 00 | 2 | 424 | 78 | 6 | 0 | 9 | 0 | 2 | 63 | 71 |
| | Wana * | ... | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * | 000 | 0 | 2 | 23 | 02 | 97 | 01 | 1 | 405 | 78 | 0 | 0 | 9 | 3 | 0 | 66 | 76 |
| | Hindubagh * | 000 | 0 | 0 | 16 | 05 | 95 | 00 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 09 | // |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 05 | 01 | 97 | 02 | 0 | 392 | 85 | 0 | 0 | 9 | 0 | 8 | 65 | 82 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 23 | 05 | 96 | 01 | 0 | 406 | 89 | 0 | 0 | 9 | 0 | 0 | 57 | // |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 472 | 86 | 0 | 0 | 9 | 0 | 0 | 36 | 81 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 94 | 06 | 0 | 463 | 89 | 0 | 0 | 9 | 8 | 0 | 87 | 87 |
| | Dalbandin * | 000 | 0 | 0 | 00 | 00 | 94 | // | 0 | 394 | 86 | 0 | 0 | 9 | 0 | 0 | 32 | 78 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 2 | 390 | 74 | 0 | 0 | 9 | 0 | 0 | 62 | // |
| | Khuzdar * | 000 | 0 | 5 | 31 | 02 | 96 | 03 | 1 | 389 | 81 | 3 | 5 | 6 | 2 | 8 | 50 | 77 |
| | Panjgur * | 000 | 0 | 3 | 31 | 03 | 95 | 05 | 0 | 403 | 78 | 0 | 0 | 9 | 0 | 2 | 77 | 77 |

| DIVISIONS | STATIONS | Departure from Normal of: Maximum temperature | Minimum temperature | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|
| | | TxTx | TnTn | | | | |
| 1 | 2 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | | — | | | | — |
| | Cox's Bazar | | 0 | | | | 140 |
| | Chittagong | | | | | | 108 |
| | Maisdee Court | | | | | | 115 |
| | Comilla | | | | | | 94 |
| | Brahmanbaria | | | | | | 79 |
| | Sylhet | | — | | | | — |
| | Srimangal | | | | | | 98 |
| Dacca | Mymensingh | 0 | | | | | 91 |
| | Narayanganj | | — 4 | | | | 74 |
| | Dacca (Tejgaon) | | | | | | — |
| | Faridpur | — 4 | — | | | | 71 |
| Khulna | Barisal | — 4 | — 2 | | | | 81 |
| | Khulna | | | | | | 60 |
| | Satkhira | | | | | | 65 |
| | Jessore | // | — 2 | | | | 65 |
| Rajshahi | Pabna | | | | | | 59 |
| | Sirajganj | | | | | | 64 |
| | Rajshahi | | | | | | — |
| | Bogra | | — 3 | | | | 69 |
| | Dinajpur | | | | | | 72 |
| | Rangpur | | 0 | | | | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | | 0 | 6.3 | + 1.8 | 9.5 | 19 |
| | Sialkot | — 4 | + 4 | 11.6 | + 4.8 | 17.8 | 32 |
| Rawalpindi | Jhelum | | | | | | — |
| | Islamabad | | | | | | — |
| | Rawalpindi | — 2 | — 5 | 1.1 | + 5.6 | 19.3 | 36 |
| | Campbellpur | | | — | — | — | — |
| Sargodha | Khushab | — 2 | — | 2.7 | — 0.5 | 4.8 | 15 |
| | Sargodha | — | — | 2.2 | | 6.2 | — |
| | Lyallpur | | | 5.6 | + 2.8 | 8.8 | 12 |
| Multan | Sahiwal | | | | | | 10 |
| | Multan | — | — 1 | 1.7 | + 0.2 | 2.2 | 7 |
| | Lodh | | | | | | 8 |
| Bahawalpur | Khanpur | | | 0.2 | — 1.2 | 0.6 | 6 |
| | Bahawalpur | | | 0.0 | — 1.3 | 0.2 | 6 |
| | Fort Abbas | | | | | | 8 |
| Malakand | Chakdara | | | 2.8 | — | 12.9 | — |
| Peshawar | Peshawar | — 5 | — | 0.3 | — 0.7 | 8.8 | 11 |
| | Haripur | | | 12.1 | — | 20.0 | — |
| D.I. Khan | Bannu | | | 0.6 | — | 2.9 | 11 |
| | D. I. Khan | — 1 | — | 0.5 | — 1.3 | 3.3 | 9 |
| Quetta | Sibi | | | | | | 5 |
| | Nokkundi | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | | | 0.0 | — | 0.0 | — |
| | Jiwani | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | + 4 | + 4 | 0.0 | — 0.5 | 0.0 | 6 |
| | Ormara | | | 0.0 | — 0.5 | 0.8 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | — |
| Karachi division | Karachi (Manora) | | | | | | 8 |
| | Karachi (Airport) | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | | | | | | — |
| | Chhor | | | | | | — |
| | Hyderabad | + 8 | — 6 | 0.7 | + 1.3 | 0.7 | 7 |
| | Badin | | | | | | 9 |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | — |
| | Sukkur | — | — | 0.9 | — | 1.4 | 4 |
| | Kashmore | | | | | | — |
| | Jacobabad | — | — 3 | 2.5 | + 1.7 | 2.6 | 4 |
| Junagadh | Veraval | | | | | | 20 |
| | HILL STATIONS | | | | | | 26 |
| Kashmir | Srinagar * | | | | | | — |
| | Gulmarg ** | | | | | | 71 |
| | Sonamarg ** | | | | | | 26 |
| | Dras ** | | | | | | 3 |
| | Leh ** | | | | | | 6 |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | — |
| | Aliabad * | | | | | | 5 |
| | Gilgit * | | | | | | 59 |
| Rawalpindi | Murree * | — | — | 20.9 | +10.6 | 29.3 | 18 |
| Malakand | Drosh * | — 1 | — 4 | 0.9 | — | 9.5 | 29 |
| Peshawar | Chorat * | — 1 | — 7 | 2.4 | — | 1.9 | — |
| | Kakul * | | | 17.4 | — | 32.4 | — |
| | Landikotal * | | | 0.4 | — | 10.1 | 29 |
| | Parachinar * | — 1 | — 2 | 2.2 | — | 9.7 | 13 |
| D.I. Khan | Miranshah * | | | 0.0 | — 1.8 | 1.6 | 11 |
| | Wana * | | | 0.2 | — | 0.9 | 13 |
| Quetta | Fort Sandeman * | — 3 | — 1 | 5.1 | + 3.4 | 2.9 | — |
| | Hindubagh * | — | — | 0.4 | — | 2.1 | 9 |
| | Loralai * | | | | | | — |
| | Barkhan * | | | | | | 14 |
| | Harnai * | — | — | 0.0 | — 1.9 | 0.0 | 9 |
| | Samungli (Quetta) * | + 5 | — | 0.4 | + 0.1 | 3.2 | 8 |
| | Chaman * | + 2 | + 6 | 0.1 | — | 0.0 | — |
| | Nushki * | — | — | 0.0 | — | 1.1 | — |
| | Dalbandin * | + 1 | + 1 | 0.0 | — 0.0 | 0.7 | 4 |
| Kalat | Kalat * | + 1 | | 0.0 | — 0.6 | 0.4 | 7 |
| | Khuzdar * | — | — | 0.6 | — | 0.7 | — |
| | Panjgur * | — 1 | 0 | 0.0 | — | 0.1 | 5 |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**SATURDAY THE 17th JULY, 1971.**

## WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99$L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | 8$N_sC$b$_s$h$_s$ | O1$_sT_sT_dT_d$ | 1$T_wT_wT_{wt}T_t$ | 3$P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | Surface | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
| | | PoPoPoToToToDoDo | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 999 250 07 | ... | 410 188 00 | 022 094 37 | 575 031 08 | 749 129 28 | 963 265 30 | 242 497 // | 425 651 // | 664 795 // | ... | ... | ... |
| Dacca ... | 00 00 | ... | ... | 400 180 10 | 053 098 24 | ... | 751 125 31 | 965 265 13 | 245 495 // | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 994 274 25 | ... | 380 226 // | 063 160 // | 584 201 // | 757 135 // | 971 255 // | 255 415 // | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 997 290 35 | ... | 380 /// // | ... | 564 131 // | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. | | | | | | | Max. Wind Speed | TROPOPAUSE First | TROPOPAUSE Transition | TROPOPAUSE Second | TROPOPAUSE Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PPP TTT$_a$ DD | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 140 15 | 125 12 | 130 13 | 140 09 | 250 02 | 300 17 | 290 15 | 295 21 |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 140 22 | 150 24 | 150 25 | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 175 17 | 180 28 | 165 28 | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 200 12 | 191 03 | 175 14 | 170 13 | 155 13 | 160 09 | 325 04 | 330 10 | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 190 12 | 205 29 | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 255 24 | 260 20 | 270 19 | 295 18 | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | 020 08 | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 310 06 | 340 05 | 015 02 | 310 08 | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 320 04 | 250 04 | 005 04 | ... | ... |
| Sargodha ... | 150 05 | 160 05 | 155 05 | 135 05 | 055 08 | 350 06 | 315 11 | ... | 320 09 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff) (columns 11–16) and At 0600 hrs. G.M.T. † of date (ddfff) (columns 17–27)

| Height in kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | No | Ascent | ... | ... | ... | ... | ... | 140 04 | 130 07 | 140 15 | 140 12 | 145 11 | 145 17 | ... | ... | ... | ... |
| Chhor ... | 240 13 | 235 15 | 230 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 295 07 | 265 64 | 325 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 210 04 | 235 03 | 265 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 270 04 | 195 02 | 235 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 180 08 | 205 04 | 090 01 | 290 03 | 300 06 | 335 12 | 010 06 | 025 07 | ... | 205 09 | 340 05 | 075 07 | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 110 10 | 145 13 | 150 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | 160 13 | 135 10 | 150 06 | 245 03 | 345 16 | 045 10 | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | 280 12 | 280 18 | 270 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | 060 02 | 150 01 | 100 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 125 10 | 125 10 | 150 11 | 160 13 | 200 10 | 250 11 | 050 01 | 300 01 | ... | 360 01 | 055 01 | 010 // | 190 05 | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | 085 14 | 105 03 | 070 15 | 070 11 | 070 12 | 070 12 | ... | ... | ... | ... | ... |
| Nawab Shah ... | 225 05 | 220 07 | 080 08 | 320 05 | 035 06 | 050 71 | 150 03 | 125 03 | 070 07 | 055 09 | 050 | 205 21 | 045 24 | 070 16 | 075 23 | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 230 08 | 360 10 | 340 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 335 05 | 180 03 | 180 03 | 200 11 | 260 10 | ... | 040 02 | 185 05 | 185 10 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | - | ... | ... | 005 04 | 110 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 255 04 | 280 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 105 12 | 145 12 | 140 12 | 170 08 | 130 08 | 290 05 | 120 06 | 075 07 | 065 06 | 050 08 | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

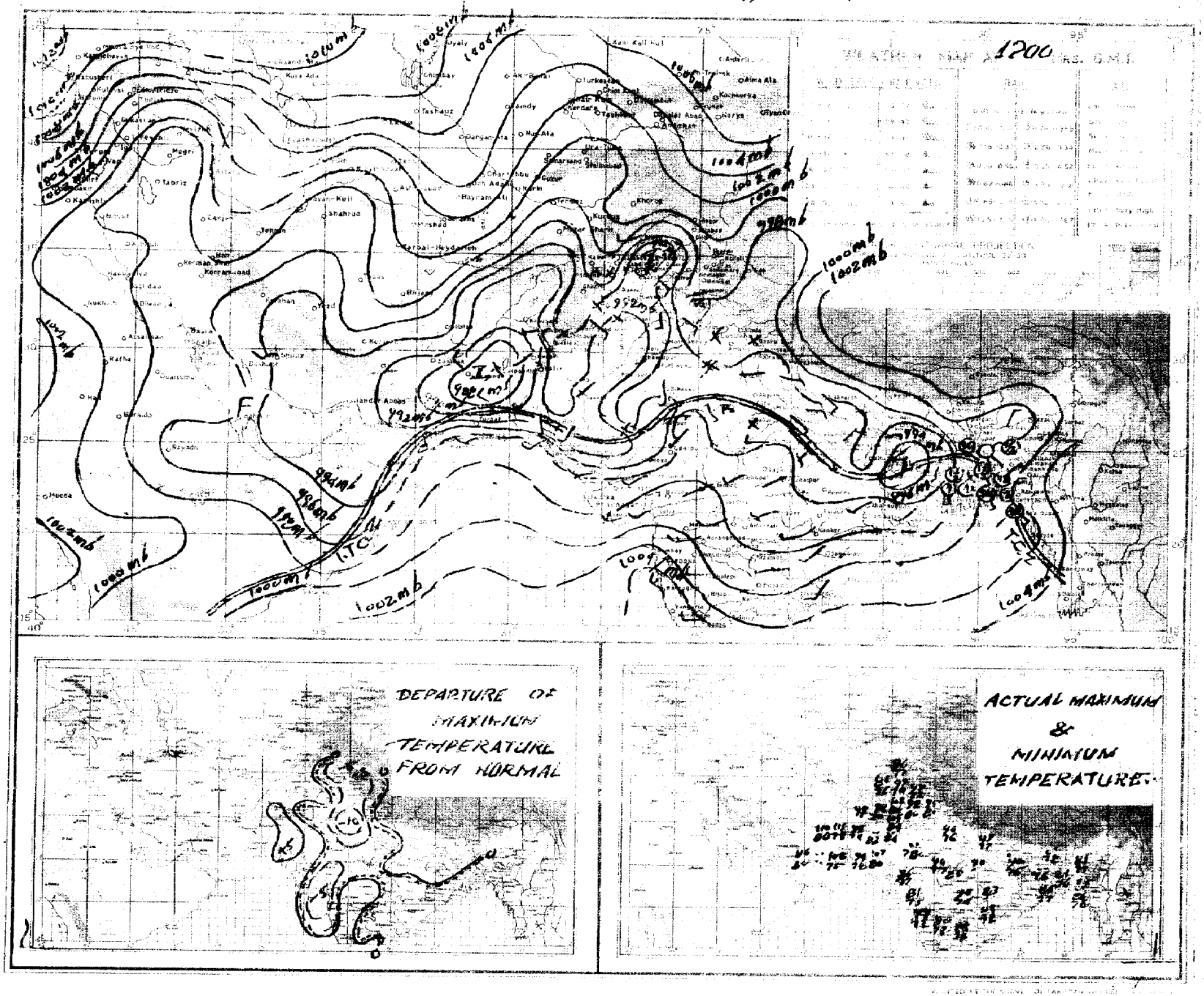
† The actual time of observations may vary within h lf an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

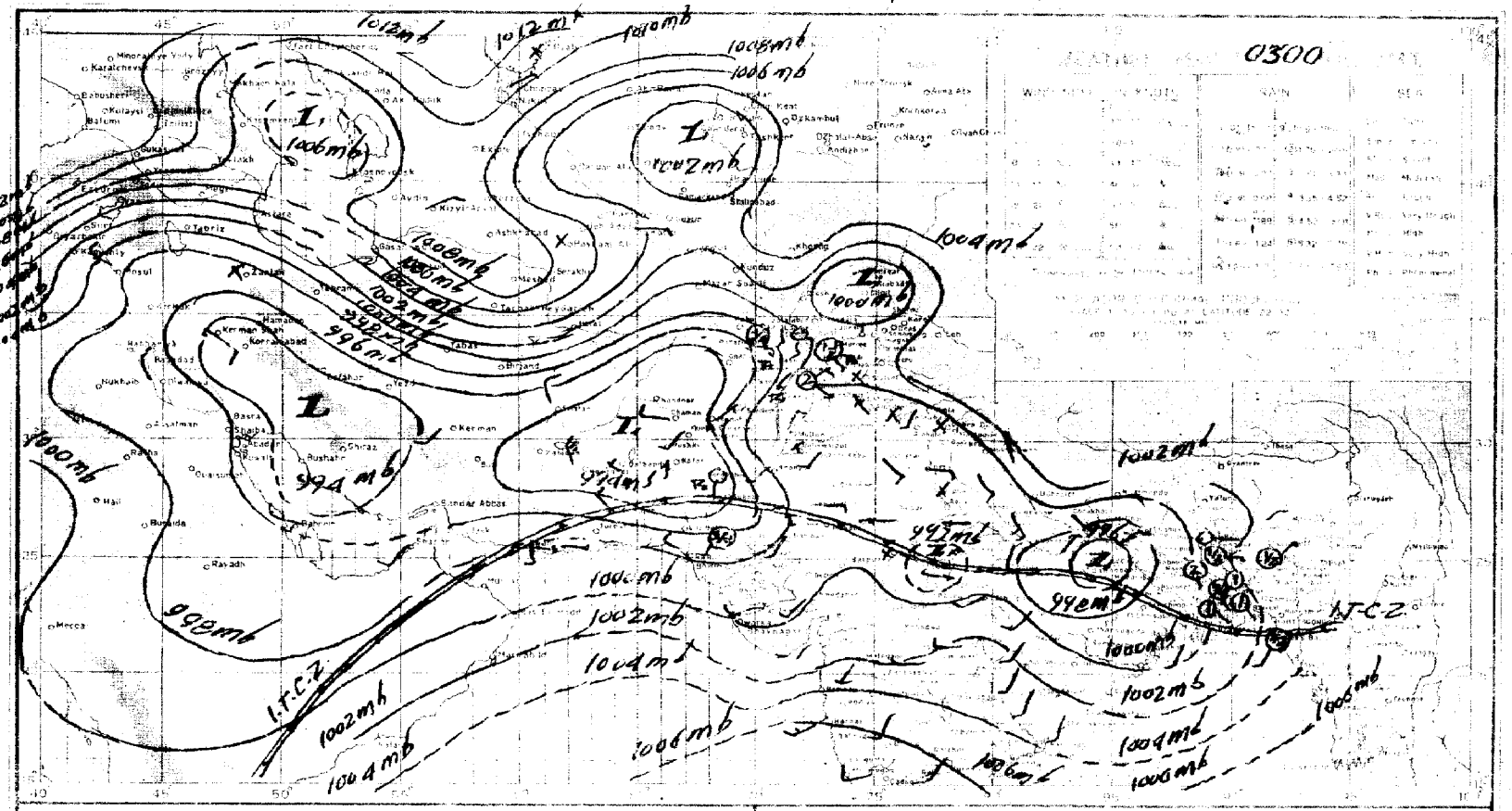
# PAKISTAN DAILY WEATHER MAP

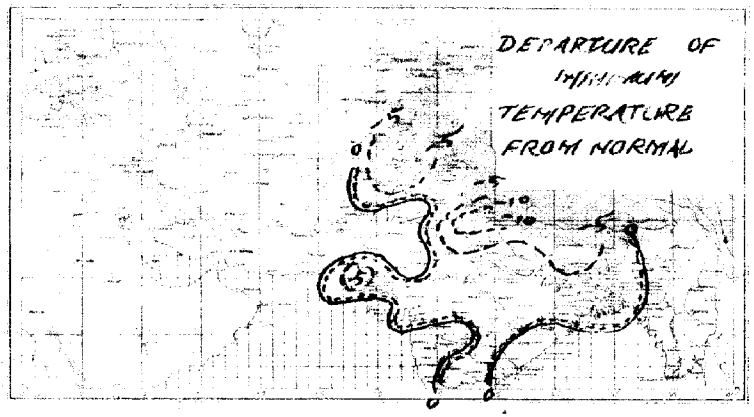
FRIDAY 16th JULY, 1971

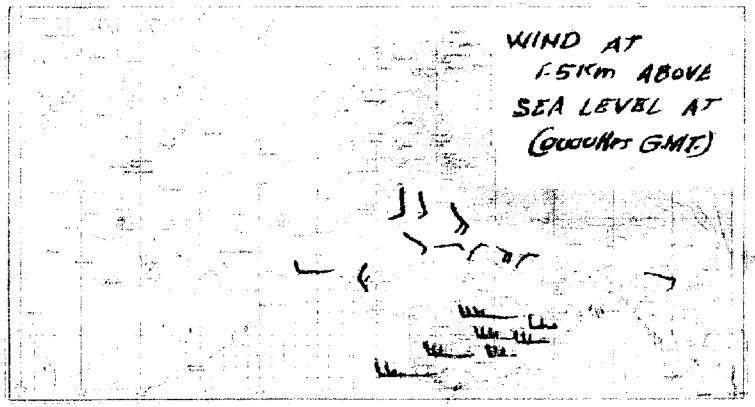


# PAKISTAN DAILY WEATHER MAP

SATURDAY 17th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**SUNDAY THE 18th JULY, 1971.**

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

The well marked low over Bihar and adjoining areas persists.

Rain/thundershowers have been fairly widespread in East Pakistan.

A western disturbance is moving across Russian Turkistan north of Kashmir. Its associated trough extends south-southwestwards into Malakand, Peshawar and D. I. Khan divisions.

Widespread rain/thundershowers have occurred in Malakand divisions, fairly widespread in Sargodha division and local in Rawalpindi, Peshawar and D. I. Khan divisions. A few thunderstorms have also been reported from Quetta and Kalat divisions and light rain from Lahore and Hyderabad divisions.

**Chief amounts of rainfall are** Landikotal 5", Hatyia and Sandwip 3" each, Cox's Bazar 2", Khushab, Chittagong and Maijdee Court 1½" each, Bhola and Barisal 1" each, Rajshahi (upto 0000 GMT) ¾", Sylhet, Narayanganj, Khulna (upto 1200 GMT) and Sargodha ½" each and Pabna, Rangamati, Mymensingh, Dacca, Satkhira, Jessore, Chakdara, Parachinar and Campbellpur ¼" each.

Day temperatures were 11—17 °F (6—9 °C) below normal in Peshawar and at a few places in Sargodha divisions and generally 3—9 °F (2—5 °C) so in Chittagong, Dacca, Khulna, Lahore, Rawalpindi, Multan, D. I. Khan, Hyderabad and Khairpur divisions and at a few places in Quetta division.

**Forecast valid until the evening of the 19th July, 1971** :—Rain/thundershowers will be fairly widespread in the southern districts and local elsewhere in East Pakistan and also in Rawalpindi, Sargodha, Peshawar and Malakand divisions and in Kashmir and will be scattered in D. I. Khan, Lahore and Multan divisions.

Karachi-32
The 18th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) PPP (11) | Dry Bulb temperature °F TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | Rainfall in Cents RRR (20) | Past weather commenced at † Wt (21) | Total Cloud amount N (22) | Wind direction in tens of degree 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 TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum temperature TnTn (38) | Rainfall: Since 1st June, 1971 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | At 12 Hrs. G.M.T. of Previous day | | | | | | | | | | | | | | | | | At 0300 Hrs. G.M.T. of date | | | | | | | | | | | | | | | | | | | | | |
| Chittagong | Rangamati | 017 | 7 | 7 | 18 | 09 | 97 | 02 | 6 | 037 | 79 | 6 | 7 | 5 | 1 | / | 75 | 79 | 024 | 5 | 8 | 18 | 02 | 98 | 21 | 6 | 035 | 81 | 5 | 7 | 5 | 7 | 0 | 77 | 70 | — | — | — | — | — | — |
| | Cox's Bazar | 242 | 9 | 8 | 00 | 00 | 96 | 00 | / | 010 | 78 | 5 | 6 | 3 | 4 | 0 | 77 | 81 | 223 | 9 | 8 | 09 | 03 | 97 | 61 | 6 | 027 | 79 | 6 | 7 | 3 | 2 | 0 | 79 | 76 | — 5 | 0 | 70.1 | +48.2 | — | 140 |
| | Chittagong | 064 | 5 | 8 | 13 | 05 | 96 | 60 | 6 | 002 | 79 | 8 | 7 | 3 | 2 | C | 79 | // | 134 | 9 | 8 | 13 | 02 | 93 | 95 | 9 | 025 | 79 | 7 | 9 | 3 | 2 | / | | 77 | // | 0 | — | — | — | 108 |
| | Maijdee Court | 022 | 9 | 8 | 18 | 02 | 96 | 03 | 6 | 996 | 75 | 8 | 5 | 4 | / | / | 75 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | — | — | — | 115 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 12 | 2 | 009 | 77 | 4 | 4 | 7 | 0 | 0 | 77 | 79 | 000 | 0 | 5 | 18 | 05 | 96 | 02 | 0 | 015 | 82 | 3 | 4 | 7 | 3 | 0 | 79 | 7/ | — 9 | // | — | — | — | 94 |
| | Brahmanbaria | 063 | 6 | 7 | 18 | 05 | 96 | 01 | 6 | 998 | 80 | 6 | 3 | 5 | 2 | 0 | 79 | 83 | 065 | 9 | 8 | 13 | 20 | 96 | 02 | 6 | 016 | 83 | 3 | 4 | 2 | 1 | / | 77 | 76 | — | — | — | — | — | 78 |
| | Sylhet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 018 | 82 | 6 | 5 | 4 | 0 | 0 | 78 | 90 | 025 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 021 | 81 | 7 | 5 | 4 | 0 | 0 | // | 67 | + 2 | — 11 | 32.5 | — | — | 91 |
| | Narayanganj | 010 | 2 | 8 | 13 | 02 | 95 | 03 | 6 | 996 | 80 | 8 | 6 | 3 | ... | ... | 77 | 83 | C48 | 1 | 8 | 13 | 02 | 97 | 03 | 6 | 014 | 81 | 8 | 6 | 3 | / | / | 81 | 79 | — 5 | 0 | — | — | — | 74 |
| | Dacca (Tejgaon) | 038 | 9 | 7 | 18 | 02 | 97 | 02 | 6 | 988 | [illegible] | 5 | 8 | 4 | 7 | 0 | 76 | 82 | 018 | 9 | 7 | 13 | 02 | 97 | 02 | 2 | 012 | 83 | 5 | 8 | 4 | 2 | 0 | 79 | 77 | — | — | 18.1 | — | — | — |
| | Faridpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 71 |
| Khulna | Barisal | 043 | 9 | 8 | 00 | 00 | 96 | 01 | 6 | 991 | 79 | 4 | 7 | 3 | 2 | / | 77 | 79 | 106 | 9 | 8 | 00 | 00 | 96 | 95 | 9 | 011 | 79 | 7 | 3 | 3 | 2 | | 77 | 77 | — 8 | — 2 | — | — | — | 81 |
| | Khulna | 020 | 0 | 8 | 18 | 04 | 97 | 03 | 6 | 982 | 81 | 4 | 7 | 9 | 0 | 0 | 79 | 81 | 020 | 0 | 8 | 18 | 05 | 97 | 03 | 0 | 995 | 81 | 8 | 3 | 9 | 0 | 0 | 77 | 76 | — | — | 18.8 | — 2.2 | — | 68 |
| | Satkhira | 001 | 4 | 8 | 13 | 05 | 96 | 03 | 5 | 979 | 80 | 6 | 7 | 4 | 2 | ... | 77 | 83 | 016 | 6 | 7 | 13 | 03 | 96 | 01 | / | 998 | 83 | 4 | 4 | 6 | 2 | 0 | 81 | 78 | — 6 | — 1 | — | — | — | 65 |
| | Jessore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 64 |
| | Rajshahi | 100 | 4 | 8 | 13 | 05 | 96 | 00 | 0 | 968 | 78 | 7 | 7 | 3 | 3 | 0 | 78 | 82 | 004 | 0 | 6 | 13 | 05 | 96 | 02 | 2 | 004 | 83 | 6 | 3 | 4 | 0 | 0 | 77 | 77 | — | — 2 | — | — | — | — |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | | | | | | | | | | | | | — | — | — | — | — | 69 |
| | Dinajpur | 010 | 3 | 7 | 00 | 00 | 96 | 21 | 6 | 973 | 81 | 7 | 6 | 6 | 0 | 0 | 77 | 92 | 01/ | 0 | 7 | 09 | 05 | 96 | 03 | 2 | 008 | 83 | 7 | 0 | 9 | 0 | 2 | // | 77 | + 3 | — 1 | 23.6 | — 5.6 | — | 72 |
| | Rangpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 |
| Kashmir | Jammu | 000 | 0 | 5 | 31 | 05 | 97 | 02 | 2 | 943 | 95 | 2 | 2 | 6 | 7 | 1 | 75 | 95 | 000 | 0 | 1 | 18 | 02 | 97 | 02 | 1 | 963 | 87 | 0 | 0 | 9 | 0 | 7 | 75 | 82 | — 5 | + 2 | 6.3 | + 1.6 | 9.5 | — |
| Lahore | Lahore (Jail Rd.) | 007 | 6 | 1 | 27 | 02 | 98 | 09 | 6 | 959 | // | 1 | 1 | 6 | 0 | 0 | 75 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | — | 11.0 | + 4.5 | 17.8 | 19 |
| | Sialkot | 014 | 0 | 2 | 23 | 02 | 98 | 02 | 0 | 942 | 89 | 1 | 1 | 6 | 3 | 0 | 76 | 90 | 009 | 0 | 6 | 23 | 02 | 98 | 03 | 2 | 962 | 83 | 6 | 0 | 9 | 7 | 0 | 68 | 72 | — | — | — | — | — | 32 |
| Rawalpindi | Jhelum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi | 034 | 0 | 1 | 18 | 03 | 97 | 01 | 1 | 946 | 87 | 1 | 5 | 6 | 0 | 1 | 71 | 83 | 000 | 0 | 6 | 18 | 03 | 97 | 93 | 1 | 976 | [illegible] | 4 | 9 | 6 | 2 | 0 | 73 | 75 | — 9 | + 2 | 20.9 | +10.2 | 29.3 | 36 |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 037 | 3 | 0 | 05 | 00 | 97 | 00 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 78 | // | — | — | — | — | — | — |
| Sargodha | Khushab | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 7 | 956 | 88 | 3 | 5 | 9 | 3 | 4 | 67 | 89 | 672 | 1 | 8 | 05 | 05 | 96 | 03 | 2 | 966 | 70 | 8 | 5 | 9 | 0 | 0 | 65 | // | — 13 | // | 4.2 | — | 6.3 | 15 |
| | Sargodha | 058 | 9 | 1 | 00 | 00 | [illegible] | 01 | 9 | 955 | 90 | 0 | 0 | 9 | 0 | | 76 | 91 | 058 | 4 | 7 | 29 | 09 | 97 | 95 | 9 | 969 | 77 | 7 | 9 | 6 | 2 | 0 | 79 | 77 | — | — | 2.7 | — | 6.8 | — |
| | Lyallpur | 008 | 0 | 4 | 36 | 02 | 98 | 02 | 1 | 951 | 92 | 4 | 3 | 8 | 0 | 0 | 62 | 98 | 146 | 9 | 2 | 00 | 00 | 96 | 58 | 5 | 986 | 72 | 8 | 5 | 9 | 0 | 0 | 77 | // | — 4 | // | 5.8 | + 2.1 | 8.8 | 12 |
| Multan | Sahiwal | 000 | 0 | 4 | 09 | 05 | 97 | 01 | 0 | 940 | 99 | 0 | 0 | 9 | 0 | / | 72 | // | 000 | 0 | 2 | 13 | 05 | 96 | 02 | 0 | 947 | 90 | 2 | 0 | 9 | 3 | 0 | 75 | 86 | // | + 2 | 1.7 | + 0.2 | 2.2 | 10 |
| | Multan | 000 | 0 | 0 | 36 | 06 | 95 | 00 | 0 | 894 | 09 | 0 | 0 | 9 | 0 | 0 | 78 | 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | 000 | 0 | 1 | 23 | 02 | 96 | 02 | 0 | 953 | // | 1 | 0 | 9 | 3 | 0 | 55 | 96 | — | — | 0.2 | — 1.3 | 0.6 | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 00 | 00 | 96 | 01 | 1 | 947 | 103 | 2 | 0 | 9 | 3 | 0 | 70 | 105 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.4 | 0.3 | 6 |
| | Bahawalpur | 000 | 0 | 2 | 00 | 03 | 96 | 00 | 0 | 953 | 99 | 0 | 0 | 9 | 0 | 0 | 66 | 103 | /// | / | 0 | 31 | 02 | 98 | 00 | 0 | 008 | 90 | 0 | 0 | 9 | 0 | 0 | // | 80 | — | — | — | — | — | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 021 | 0 | 3 | 05 | 02 | 98 | 03 | 0 | 947 | 79 | 2 | 1 | 7 | 0 | 9 | 70 | 74 | — | — | 2.8 | — | 13.0 | 8 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 9 | 959 | 84 | 5 | 3 | 6 | 3 | 0 | 74 | 81 | — 9 | + 1 | 0.3 | — 0.7 | 8.8 | — |
| Peshawar | Peshawar | 000 | 0 | 3 | 36 | 02 | 97 | 02 | 0 | 939 | 90 | 3 | 4 | 6 | 0 | 0 | 71 | 91 | 000 | 0 | 0 | 36 | 02 | 97 | 00 | 0 | 004 | 80 | 0 | 0 | 9 | 0 | 0 | 71 | 73 | — | — | 12.1 | — | 20.0 | 11 |
| | Haripur | 000 | 5 | 3 | 23 | 02 | 97 | 01 | 1 | 964 | 90 | 3 | 0 | 9 | 7 | 0 | 71 | 92 | 000 | 0 | 7 | 00 | 00 | 98 | 04 | 9 | 974 | 79 | 7 | 5 | 7 | 0 | 0 | 73 | 70 | — | — | | | | — |
| D. I. Khan | Bannu | 008 | 0 | 3 | 13 | 04 | 97 | 03 | 0 | 391 | 83 | 3 | 3 | 8 | 0 | 0 | 82 | 86 | 000 | 0 | 5 | 05 | 05 | 96 | 03 | 9 | 973 | 81 | 3 | 0 | 9 | 3 | 0 | 75 | 77 | — 10 | — 6 | 0.5 | — 1.3 | 3.3 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 949 | 93 | 0 | 0 | 9 | 0 | 0 | 77 | 93 | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | | 5 |
| | Nokkundi | 080 | 0 | 0 | 31 | 09 | 97 | 02 | 0 | 883 | 09 | 0 | 0 | 9 | 0 | 0 | 72 | 11 | 000 | 0 | 0 | 31 | 07 | 94 | 13 | 3 | 943 | 89 | 0 | 0 | 9 | 0 | 0 | 58 | 82 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 25 | 02 | 98 | 00 | 0 | 020 | 03 | 0 | 0 | 9 | 0 | 0 | 76 | 03 | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 054 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 82 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 5 | 13 | 09 | 96 | 02 | 1 | 961 | 65 | 5 | 6 | 5 | 0 | 0 | 75 | 86 | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 0 | 9.6 | 82 | 7 | 6 | 4 | 0 | 0 | 75 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 008 | 0 | / | 01 | 04 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 77 | 09 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 79 | // | — | — | 0.0 | — 0.5 | 0.0 | 6 |
| | Ormara | 000 | 0 | 1 | 21 | 02 | 96 | 02 | 0 | 955 | 89 | 1 | 0 | 7 | 3 | 0 | 78 | 90 | 000 | 0 | 3 | 27 | 19 | 96 | 02 | 2 | 976 | 82 | 3 | 6 | 6 | 0 | 0 | 78 | // | — | — | 0.8 | + 0.5 | 0.8 | 6 |
| | Lasbela | /// | 0 | 4 | 18 | 01 | 98 | 00 | 0 | 947 | 04 | 0 | 0 | 8 | 0 | 0 | 82 | 06 | /// | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 986 | 81 | 0 | 0 | 9 | 0 | 0 | 77 | // | — | — | 0.0 | — | 0.2 | 8 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 27 | 10 | 96 | 01 | 1 | 978 | 82 | 4 | 0 | 9 | 1 | 0 | 77 | 81 | — | 0 | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 8 | 27 | 06 | 96 | 02 | 2 | 957 | 89 | 3 | 6 | 5 | 3 | 0 | 76 | 95 | 000 | 0 | 1 | 27 | 07 | 96 | 01 | 2 | 975 | 84 | 1 | 6 | 5 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.0 | — |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 6 | 18 | 07 | 96 | 01 | 2 | 949 | 91 | 2 | 2 | 6 | 2 | 0 | 79 | 91 | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 1 | 969 | 83 | 2 | 5 | 6 | 0 | 2 | 79 | 79 | — | — | 2.0 | — | 2.6 | 7 |
| | Hyderabad | 004 | 9 | 3 | 18 | 03 | 97 | 01 | 1 | 946 | 92 | 3 | 0 | 9 | 3 | 0 | 78 | 95 | 000 | 0 | 5 | 23 | 03 | 97 | 02 | 2 | 965 | 85 | 5 | 0 | 9 | 3 | 1 | 75 | 80 | — 4 | — 1 | 0.7 | + 1.4 | 0.7 | 9 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 25 | 05 | 96 | 02 | 1 | 978 | 82 | 2 | 1 | 6 | 0 | 6 | 78 | 77 | — | — | 0.1 | — 2.5 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 5 | 13 | 05 | 96 | 03 | 2 | 945 | 98 | 3 | 0 | 9 | 3 | 1 | 78 | 01 | 000 | 0 | 5 | 13 | 05 | 96 | 03 | 0 | 956 | 87 | 0 | 0 | 9 | 0 | 2 | 75 | 83 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 8 | 3 | 16 | 03 | 96 | 03 | 0 | 932 | 102 | 6 | 0 | 9 | 6 | 0 | 92 | ... | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 0 | /// | // | 6 | 0 | 9 | 6 | 0 | 76 | 85 | — | — | 1.3 | — | 1.3 | 4 |
| | Sukkur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 4 |
| | Jacobabad | /// | 0 | 3 | 13 | 09 | 96 | 01 | 1 | 933 | 102 | 5 | 1 | 9 | 5 | 0 | 25 | 102 | 000 | 0 | 0 | 18 | 03 | 97 | 02 | 0 | 946 | 89 | 0 | 0 | 9 | 0 | 0 | 78 | 79 | — 6 | — 7 | 2.5 | + 7 | 2.6 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| Malakand | Drosh * | 002 | 6 | 4 | 23 | 12 | 97 | 06 | 9 | 367 | 88 | 4 | 2 | 7 | 0 | 0 | 51 | 95 | 000 | 2 | 3 | 23 | 02 | 98 | 02 | 0 | 398 | 80 | 3 | 2 | 7 | 0 | 0 | 59 | 73 | — 2 | 0 | 0.9 | — | 9.5 | — |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 412 | 80 | 0 | 0 | 9 | 0 | 0 | 67 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | 2.4 | — 1.3 | 2.0 | — |
| | Kakul * | 004 | 0 | 2 | 18 | 05 | 97 | 01 | 2 | 393 | 79 | 2 | 2 | 5 | 0 | 0 | 67 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.5 | — | 3.2 | 29 |
| | Landikotal * | 000 | 0 | 2 | 09 | 05 | 98 | 02 | 2 | 403 | 84 | 2 | 0 | / | 2 | 0 | 66 | 87 | 047 | 0 | 8 | 36 | 02 | 97 | 02 | 6 | /16 | 73 | 8 | 6 | / | 0 | 0 | 69 | 69 | — | — | 5.1 | — | 14.7 | 13 |
| | Parachinar * | 008 | 6 | 5 | 13 | 03 | 97 | 29 | 9 | 401 | 76 | 4 | 3 | 6 | 0 | 0 | 63 | 77 | 033 | 1 | 3 | 00 | 00 | 97 | 29 | 9 | 406 | 71 | 2 | 5 | 6 | 3 | 0 | 59 | 63 | — 10 | — 3 | 2.5 | — | 10.0 | 11 |
| D. I. Khan | Miranshah * | 000 | 0 | 6 | 04 | 05 | 97 | 00 | 2 | 409 | 85 | 6 | 0 | 9 | 2 | 0 | 71 | 86 | 000 | 0 | 6 | 05 | 05 | 97 | 00 | 2 | 449 | 79 | 0 | 0 | 9 | 0 | 2 | 72 | 72 | — | — | 0.0 | — 1.8 | 1.6 | 13 |
| | Wana * | 000 | 8 | 3 | 13 | 04 | 97 | 03 | 0 | 391 | 63 | 3 | 3 | 8 | 0 | 0 | 82 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.3 | — | 1.0 | — |
| Quetta | Fort Sandeman * | 080 | 0 | 7 | 05 | 02 | 97 | 17 | 9 | 367 | 91 | 7 | 3 | 7 | 0 | 0 | 60 | 95 | 000 | 0 | 2 | 00 | 00 | 96 | 05 | 0 | 388 | 78 | 2 | 5 | 7 | 0 | 0 | 63 | 75 | — 5 | 0 | 5.1 | + 3.3 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 27 | 13 | 95 | 05 | 0 | /// | 95 | 0 | 0 | 9 | 0 | 0 | 53 | 97 | 000 | 0 | 0 | 09 | 02 | 95 | 05 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 50 | 66 | — | — | 0.4 | — | 2.4 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai * | 000 | 8 | 0 | 13 | 31 | 96 | 02 | 0 | 378 | 95 | 0 | 0 | 9 | 0 | 0 | 55 | 97 | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 381 | 86 | 0 | 0 | 9 | 0 | 0 | 64 | 83 | — | — | 0.6 | — 2.0 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 2 | 27 | 12 | 96 | 06 | 0 | /// | // | 2 | 4 | 6 | 0 | 0 | 49 | 97 | 000 | 0 | 0 | 13 | 05 | 96 | 06 | 0 | 405 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 72 | — 3 | — 3 | 0.4 | + 0.2 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 456 | 100 | 0 | 8 | 9 | 0 | 0 | 25 | 102 | 000 | 0 | 0 | 27 | 05 | 95 | 05 | 0 | 460 | 82 | 0 | 0 | 9 | 0 | 0 | // | 82 | + 1 | + 7 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 008 | 0 | 0 | 30 | 13 | 94 | 06 | 0 | 421 | 105 | 0 | 0 | 9 | 0 | 0 | 49 | 107 | 000 | 0 | 0 | 31 | 05 | 94 | 06 | 0 | 438 | 87 | 0 | 0 | 9 | 0 | 0 | 34 | 83 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 080 | 0 | 0 | 23 | 05 | 94 | 06 | 0 | 389 | 106 | 0 | 0 | 9 | 0 | 0 | 38 | 110 | 000 | 0 | 0 | 23 | 07 | 94 | 06 | 0 | 389 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 74 | 0 | — 3 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 4 | 36 | 00 | 93 | 08 | 2 | 345 | 90 | 0 | 1 | 9 | 0 | 0 | 67 | 94 | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 2 | 402 | 72 | 0 | 0 | 9 | 0 | 0 | 62 | 73 | + 1 | + 17 | 0.0 | — 0.6 | 0.4 | — |
| | Khuzdar * | 000 | 8 | 7 | 31 | 14 | 96 | 17 | 3 | 369 | 91 | 9 | 6 | 6 | 2 | 0 | 55 | 95 | 035 | 9 | 2 | 00 | 00 | 96 | 03 | 0 | 388 | 76 | 0 | 0 | 9 | 0 | 1 | 67 | 66 | — | — | 0.5 | — | 0.7 | 5 |
| | Panjgur * | 000 | 0 | 0 | 31 | 17 | 96 | 05 | 0 | 383 | 03 | 0 | 0 | 9 | 0 | 0 | 38 | // | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 415 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 76 | // | — 6 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 18th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99$L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_{w\ w}$ W | PPP TT | $N_hC_lhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T_{wt}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | $1000_{mb}$ | $850_{mb}$ | $700_{mb}$ | $500_{mb}$ | $400_{mb}$ | $300_{mb}$ | $200_{mb}$ | $150_{mb}$ | $100_{mb}$ | $70_{mb}$ | $50_{mb}$ | $30_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 999 258 10 | 526 // // | 420 180 09 | 020 090 21 | 574 110 13 | 746 143 50 | 958 281 /5 | 237 515 // | 418 655 // | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 994 280 34 | 522 // // | 400 244 49 | 085 164 63 | 585 022 3/ | 758 135 | 973 251 // | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 956 272 34 | 539 // // | 370 221 56 | 054 122 47 | 579 043 56 | 752 123 // | 968 27 // | 250 457 // | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First Transition | | Second Transition | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PcPcPcTcTcTac | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 555 000 26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | | | | | | | | | | | | | ... | | | | | | | ... | ... | ... | ... |
| Chakisla ... | ... | 225 06 | ... | 355 07 | 010 06 | 320 16 | 315 14 | 310 25 | 290 26 | ... | 105 07 | 110 10 | 090 09 | 090 03 | 080 06 | ... | 030 10 | 005 04 | 145 06 | 165 11 | 090 05 | 330 17 | ... | ... | ... | ... |
| Chhor ... | 080 08 | 195 06 | 150 30 | 065 07 | 160 07 | ... | 060 07 | ... | ... | 255 19 | 260 16 | 230 10 | 195 09 | 125 11 | 055 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cheriz ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 170 12 | 175 11 | 180 13 | ... | 170 13 | ... | ... | ... | ... | 195 09 | 195 11 | 210 12 | ... | 215 10 | ... | 170 12 | 160 11 | 180 10 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 07 | 265 05 | 320 03 | 335 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 120 02 | 225 06 | 215 02 | 120 02 | 195 09 | 210 08 | 285 06 | ... | ... | 070 07 | 150 05 | 150 08 | 190 12 | 140 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 225 10 | 235 13 | 255 26 | 140 08 | 085 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 200 11 | 19. 12 | 280 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 01 | 115 06 | 085 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 13 | 180 07 | 199 50 | 230 03 | 260 04 | 310 18 | 180 08 | 165 09 | 170 09 | 210 06 | 255 11 | 340 10 | 330 17 | 340 23 | 345 21 | ... | ... |
| Jessore ... | ... | ... | ... | | | | | | | | | | 290 04 | 245 08 | 295 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 250 01 | 270 03 | 270 03 | 310 05 | 315 10 | 315 11 | 325 17 | 300 15 | ... | 260 04 | 270 04 | 285 05 | 310 06 | 350 06 | 360 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 135 14 | 130 12 | 155 08 | ... | ... | ... | ... | ... | ... | 165 04 | ... | ... | ... | ... | ... | 160 11 | 160 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kar.chi ... | 265 12 | 270 14 | 280 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 275 19 | 290 15 | 315 11 | ... | 330 12 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 265 05 | 260 04 | 240 02 | 165 02 | 160 03 | 080 06 | 090 07 | 085 12 | ... | 220 10 | 220 11 | 205 11 | 205 08 | 2.5 06 | 230 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 04 | 245 08 | 295 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 335 05 | 310 04 | 310 05 | 285 04 | 310 04 | ... | ... | ... | ... | 085 04 | 095 06 | 085 07 | 115 04 | 130 03 | 320 08 | 315 40 | 305 12 | 305 12 | 300 00 | 300 00 | ... | ... | ... | ... | ... | ... |
| Multan ... | 105 03 | 105 04 | 140 06 | 210 03 | 085 03 | 310 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 130 06 | 125 07 | 095 08 | 050 08 | 045 12 | 035 15 | ... | ... | ... | 215 08 | 170 06 | 170 11 | 020 03 | 075 06 | 040 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 225 08 | 225 08 | 270 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pash war ... | ... | 060 10 | 055 12 | 075 06 | 105 06 | ... | ... | ... | ... | ... | 345 06 | 175 08 | 030 01 | 315 02 | 260 03 | ... | 175 03 | 230 03 | 185 04 | 150 04 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 02 | 040 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | // // | 265 04 | 235 04 | 245 05 | 265 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | 355 03 | 030 04 | 045 02 | 230 03 | 300 03 | 305 12 | 340 26 | 345 24 | ... | ... | ... | ... | ... | ... | ... | 315 11 | 125 06 | 130 04 | 150 02 | 070 02 | 025 07 | 295 18 | 280 34 | 270 38 | ... | ... |
| Skardu ... | ... | ... | ... | ... | 300 01 | 130 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION I | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 275 25 | 280 21 | 280 17 | 260 71 | 035 15 | 035 20 | 045 26 | 045 27 | 045 25 | 040 21 | 105 23 | 065 14 | 115 15 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

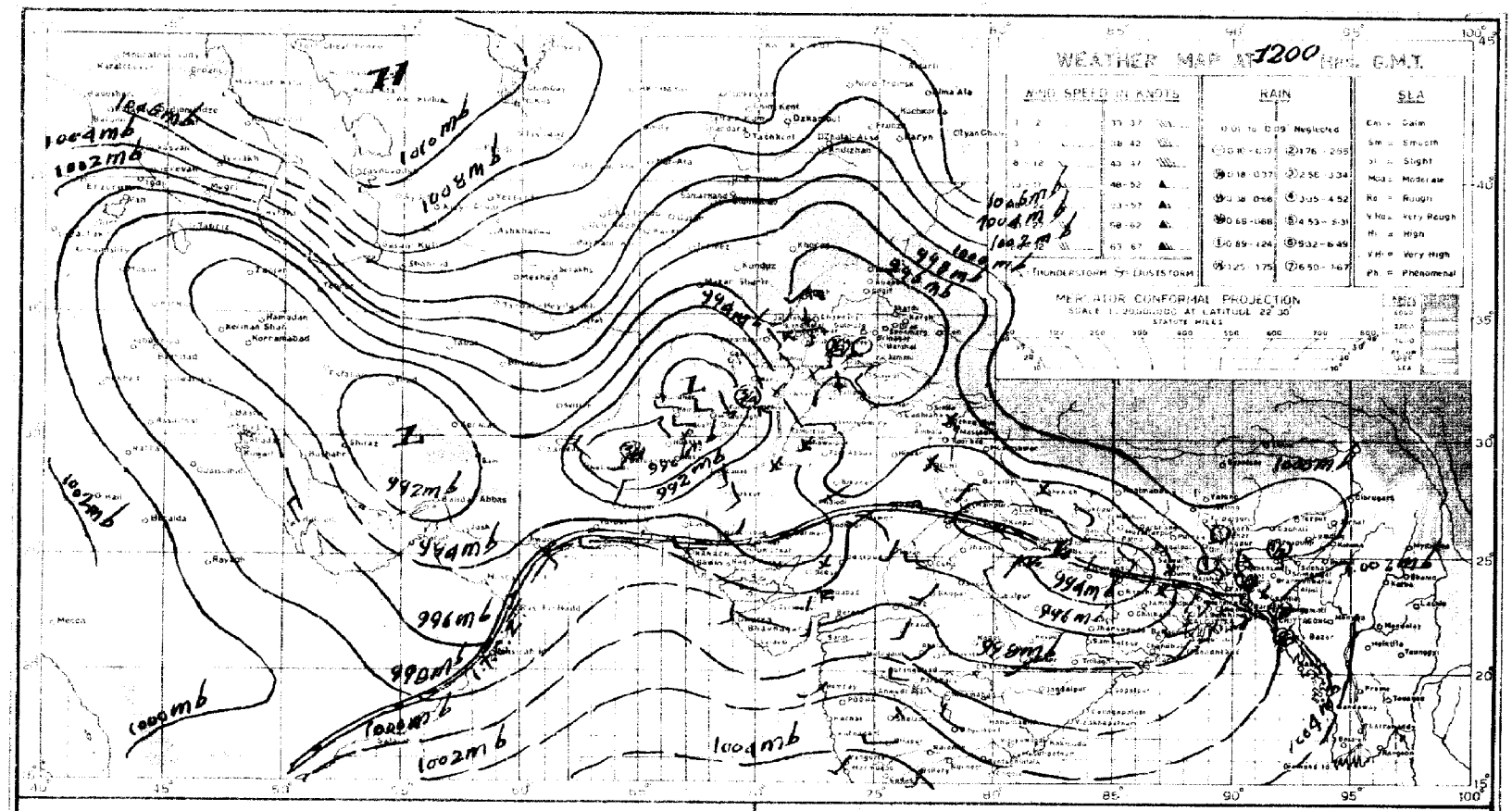
† The actual time of observations may vary within half an hour of the specified time.

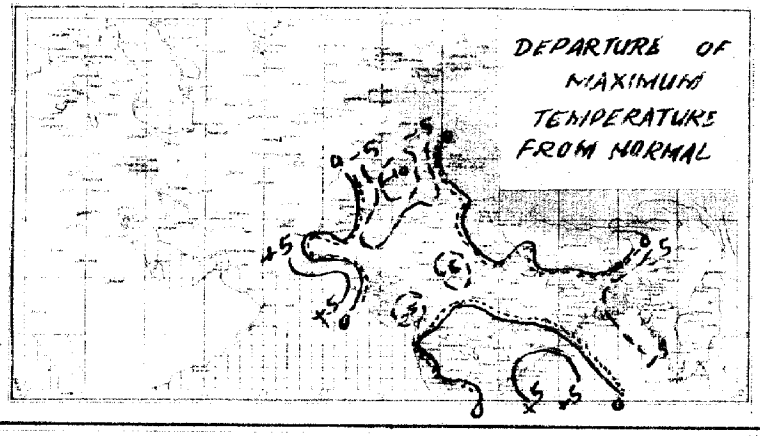
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

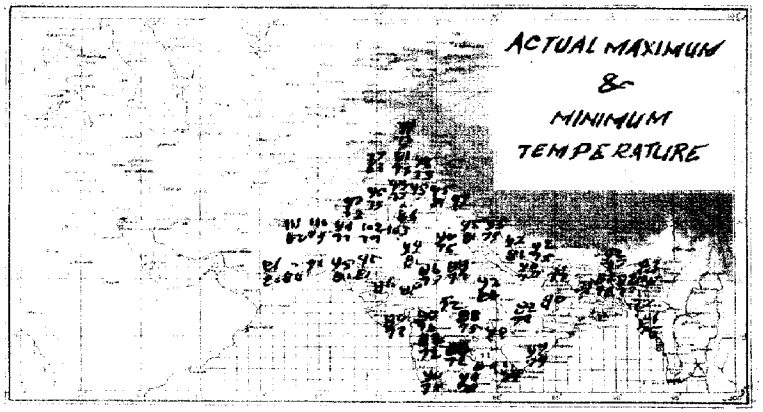
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

SATURDAY 17th JULY, 1971.

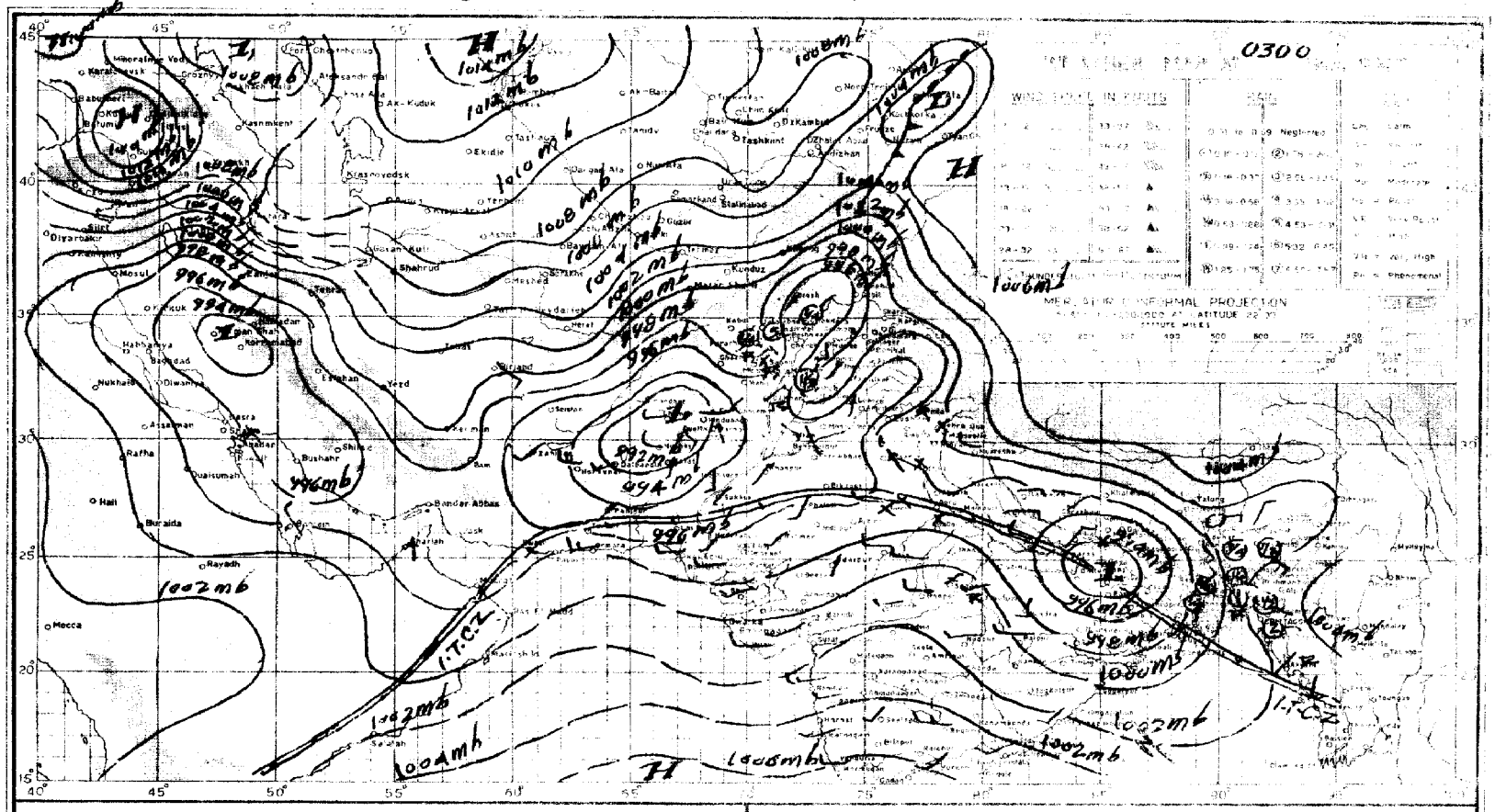


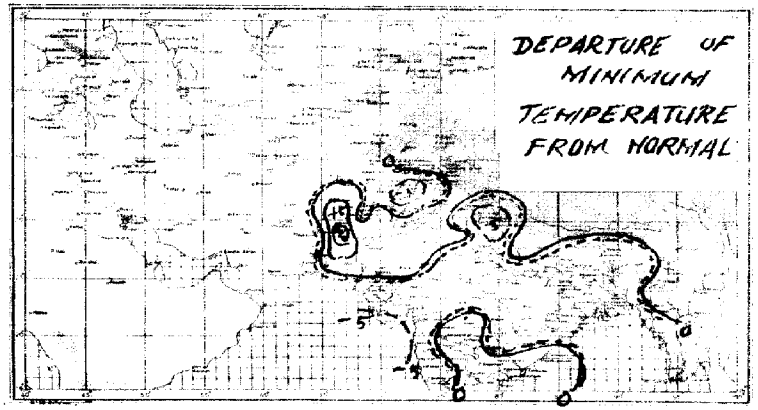



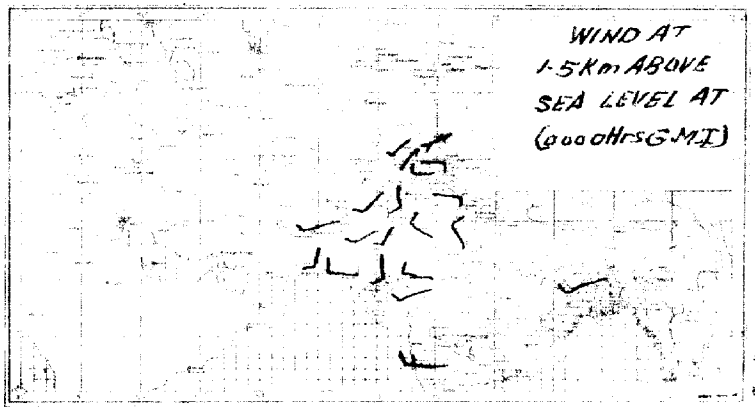



# PAKISTAN DAILY WEATHER MAP

SUNDAY 18th JULY 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**MONDAY THE 19th JULY, 1971.**

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

Yesterday's well marked low which according to ESSA 8 observations lay as a land depression centred at 18.0436 GMT near latitude 24.5° N and longitude 84° E moved in a westnorthwesterly direction and was centred last evening about 80 miles south-southeast of Allahabad. It has moved further westwards and was centred at 19.0300 GMT about 60 miles south-southeast of Allahabad.

Rain/thundershowers have been fairly widespread in Chittagong division, local in Khulna division and scattered elsewhere over East Pakistan.

The western disturbance moving across Russian Turkistan induced a secondary which lay last evening over Kashmir and adjoining areas of West Pakistan. It has moved slightly eastwards.

A trough of low with its associated cyclonic circulation extending upto 3000 feet has appeared over northwest Rajasthan and adjoining areas of West Pakistan.

Widespread rain/thundershowers have occurred in Lahore, Sargodha and Malakand divisions, fairly widespread in Rawalpindi division and local in Multan and Peshawar divisions and scattered in D. I. Khan and Bahawalpur divisions. Scattered thunderstorms have also been reported from Khairpur divisions and light rain/-drizzle from Karachi division.

Chief amounts of rainfall are Chittagong 2", Bhola, Pabna and Parachinar 1½" each, Maijdee Court and Hatyia (upto 0000 GMT) 1" each, Cox's Bazar, Barisal (upto 0000 GMT) Murree, Bannu (upto 0600 GMT) and Khushab ¾" each, Sandwip (upto 0000 GMT) Sargodha and Lyallpur ½" each and Jessore, Bogra, Sialkot and Multan ¼" each.

Day temperatures were generally 7—17 °F (4—9 °C) below normal in Lahore, Sargodha and Peshawar divisions, 4—6 °F (2—3 °C) so in D. I. Khan and Quetta divisions.

**Forecast valid until the evening of the 20th July, 1971** :—Rain/thundershowers will be fairly widespread in East Pakistan and in Lahore, Sargodha and Multan divisions with a few moderate to heavy falls. Scattered rain/thundershowers are also likely to occur in Kashmir and elsewhere in West Pakistan.

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

Karachi-32
The 19th July, 1971.

## OBSERVATIONS

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Wind speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature TT (12) | Amount of Lowest Clud † Nh (13) | Low Cloud from † GL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) | Rainfall in Cents RRR (20) | Past weather commanced at † Wt (21) | Total Cloud amount N (22) | Wind direction in tens of degree 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 TnTn (36) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Cox's Bazar | 002 | 0 | 8 | 18 | 05 | 96 | 02 | 2 | 994 | 83 | 6 | 6 | 3 | 5 | 0 | 81 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | 70.9 | — | — | 140 |
| | Chittagong | 146 | 6 | 8 | 13 | 05 | 96 | 02 | 2 | 997 | 83 | 5 | 4 | 4 | 3 | 0 | 79 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | — | — | — | — | 108 |
| | Maijdee Court | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 115 |
| | Comilla | 000 | 0 | 4 | 00 | 00 | 96 | 02 | / | 992 | // | 4 | 7 | 0 | 0 | / | 79 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | — | — | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 78 |
| | Sylhet | 005 | 0 | 7 | 18 | 05 | 96 | 63 | [illegible] | 978 | 81 | 6 | 4 | / | 2 | 0 | 77 | // | 005 | 0 | 6 | 13 | 02 | 96 | 03 | 1 | 007 | 86 | 5 | 8 | 5 | 0 | 3 | 79 | 77 | — | — | 0.7 | — | — | — |
| | Srimangal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 98 |
| Dacca | Mymensingh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 91 |
| | Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 009 | 0 | 5 | 13 | 02 | 97 | 02 | 0 | [illegible] | 86 | 5 | 3 | 3 | 2 | 1 | 79 | 79 | — | 0 | 2.2 | — | — | 74 |
| | Dacca (Tjegaon) | 000 | 0 | 7 | 13 | 02 | 97 | 02 | 2 | 970 | 83 | 5 | 8 | 5 | 7 | 0 | 79 | 86 | 001 | 6 | 6 | 18 | 02 | 97 | 02 | 6 | 997 | 83 | 5 | 8 | 4 | 4 | 1 | 79 | 79 | — | — | 18.1 | — | — | — |
| | Faridpur | 000 | 0 | 1 | // | 02 | 96 | 01 | 6 | 994 | 81 | 4 | 7 | 4 | 2 | / | // | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | — | — | — | 71 |
| Khulna | Barisal | 100 | 9 | 8 | 00 | 00 | 96 | 17 | 9 | 991 | 79 | 9 | 8 | 4 | 2 | 0 | 79 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | — | — | — | 81 |
| | Khulna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 97 | 02 | 2 | [illegible]96 | 84 | 2 | 3 | 9 | 3 | 1 | 81 | 79 | — | — | — | — | — | 65 |
| | Jessore | 034 | 4 | 6 | 13 | 05 | 96 | 01 | 6 | 967 | 83 | 4 | 6 | 4 | 2 | 0 | 79 | 87 | 034 | 0 | 5 | 18 | 03 | 96 | 03 | 2 | 989 | 84 | 4 | 6 | 4 | 2 | 0 | | 79 | — 2 | 0 | — | — | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 026 | 9 | 4 | 10 | [illegible] | 96 | 02 | 6 | 996 | 84 | 2 | 2 | 5 | 3 | 0 | [illegible] | 79 | — | — | — | — | — | — |
| | Bogra | 014 | 2 | 7 | 27 | 03 | 96 | 02 | 2 | 966 | 84 | 5 | 5 | 4 | 7 | 6 | 81 | 88 | 03[illegible] | 0 | 6 | 09 | 02 | 96 | 02 | 2 | 993 | 83 | 3 | 5 | 5 | 7 | 0 | 79 | 77 | — 1 | — 2 | 3.4 | —16.6 | — | 69 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| | Rangpur | 000 | 0 | 3 | 00 | 00 | 96 | 01 | 1 | 970 | 8[illegible] | 2 | 1 | 6 | 1 | 6 | 81 | // | 000 | 0 | 7 | 09 | 02 | 96 | 03 | 1 | 00/ | 83 | 7 | 0 | 9 | 2 | 0 | 79 | 79 | + // | + 1 | — | | | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 3 | 05 | 02 | 97 | 01 | 1 | 934 | 93 | 1 | 1 | 7 | 0 | 6 | // | 93 | 000 | 2 | 8 | 09 | 02 | 97 | 29 | 9 | 969 | 78 | 4 | 9 | 6 | 2 | | 69 | 77 | — 7 | — 3 | 6.3 | + 1.4 | 9.5 | 19 |
| | Sialkot | 034 | 8 | 0 | 00 | 00 | 98 | 01 | 9 | 942 | 87 | 0 | 0 | 9 | 0 | 0 | 74 | 80 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 17 | | 11.0 | + 4.3 | 17.8 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 2 | 18 | 02 | 98 | 02 | 0 | 933 | 94 | 1 | 1 | 6 | 2 | 0 | 67 | 94 | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 1 | 964 | 84 | 1 | 1 | 7 | 7 | 0 | 74 | 78 | — | — | — | — | — | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 003 | 0 | 1 | 00 | 00 | 97 | 02 | 1 | 934 | 78 | 1 | 1 | 6 | 3 | 0 | 71 | 88 | 000 | 1 | 7 | 27 | 02 | 97 | 60 | 2 | 999 | 79 | 4 | 3 | 6 | 2 | 0 | 74 | 74 | — 9 | — 3 | 19.3 | +12.6 | 19.6 | 36 |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// | / | 6 | 31 | 05 | 97 | 00 | 0 | /// | 75 | 0 | 0 | 9 | 0 | 0 | 73 | 72 | — | — | — | | | — |
| Sargodha | Khushab | 000 | 0 | 0 | 18 | 00 | 97 | 20 | / | 938 | 92 | 6 | 0 | 9 | 0 | 0 | 75 | 92 | 076 | 2 | 8 | 00 | 00 | 96 | 03 | 2 | 988 | 74 | 8 | 5 | 9 | 0 | 0 | 71 | // | — 10 | // | 5.0 | — 1.5 | 7.0 | 15 |
| | Sargodha | 010 | 0 | 1 | 09 | 03 | 97 | 00 | 0 | 935 | 92 | 1 | 1 | 6 | 0 | 0 | 76 | 94 | 041 | 7 | 7 | 34 | 16 | 98 | 02 | 2 | 975 | 82 | 1 | 3 | 6 | 3 | 0 | 73 | 70 | — | | 3.2 | | 7.3 | — |
| | Lyallpur | 067 | 6 | 0 | 00 | 00 | 97 | 00 | 0 | 929 | 91 | 0 | 0 | 9 | 0 | 0 | 76 | 96 | 067 | 9 | 0 | 00 | 00 | 97 | 00 | 9 | 970 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 73 | — 6 | — 9 | 5.0 | + 3.2 | 9.5 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | | 10 |
| | Multan | 000 | 0 | 4 | 18 | 16 | 92 | 07 | 4 | 921 | 95 | 4 | 4 | 6 | / | / | 73 | 05 | 018 | 1 | 7 | 13 | 02 | [illegible] | 02 | 9 | 965 | 83 | 3 | 5 | 6 | 7 | 0 | 74 | 78 | + 1 | — 6 | 1.8 | + 0.3 | 2.4 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 6 | 13 | 14 | 94 | 07 | 2 | 995 | 03 | 3 | 3 | 6 | 3 | 0 | 70 | 06 | 000 | 9 | 6 | 00 | 00 | 96 | 02 | 9 | 963 | 88 | 7 | 0 | 9 | 7 | 0 | 70 | 77 | — | — | 0.2 | — 1.3 | 0.0 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 960 | 01 | 0 | 0 | 9 | 0 | 0 | 61 | 04 | 000 | 0 | 3 | 00 | 00 | 96 | 00 | 3 | 979 | 80 | 0 | 0 | 9 | 0 | 2 | 72 | 90 | — | — | 0.0 | — 1.5 | 0.2 | 6 |
| | Fort Abbas | /// | 0 | 4 | 00 | 00 | 96 | 00 | 2 | 958 | 81 | 4 | 0 | 9 | 0 | 0 | 71 | 81 | /// | / | 0 | 00 | 00 | 98 | 00 | 0 | 008 | 85 | 0 | 0 | 9 | 0 | 0 | 8/ | 81 | — | — | — | | — | 8 |
| Malakand | Chakdara | 000 | 0 | 3 | 18 | 03 | 98 | 03 | 1 | 910 | 92 | 3 | 2 | 7 | 0 | 0 | 70 | 98 | 000 | 0 | 5 | 09 | 05 | 98 | 01 | 2 | 966 | 74 | 5 | 0 | 9 | 6 | 0 | 67 | 70 | — | | 2.9 | — | 13.0 | — |
| Peshawar | Peshawar | 000 | 0 | 6 | 05 | 03 | 97 | 02 | 1 | 919 | 91 | 1 | 5 | 6 | 5 | 0 | 69 | 95 | 003 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 999 | 68 | 0 | 2 | 4 | 0 | 0 | 83 | 77 | — 7 | + 3 | 0.3 | — 0.7 | 8.8 | 11 |
| | H. ripur | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 957 | 92 | 0 | 0 | 9 | 0 | 0 | 71 | 09 | 006 | 3 | 8 | 05 | 03 | 97 | 50 | 6 | 993 | 74 | 8 | 5 | 6 | 0 | 0 | 69 | 72 | — | — | 12.1 | — | 20.0 | — |
| D. I.- Khan | Bannu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 973 | 13 | 0 | 0 | 9 | 0 | 0 | 75 | 14 | 000 | 0 | 3 | 05 | 05 | 96 | 05 | 0 | 962 | 84 | 3 | 0 | 9 | 2 | 0 | 77 | 80 | — | — | 0.5 | — 1.4 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Nokkundi | 080 | 0 | 0 | 31 | [illegible] | 95 | 05 | 3 | 901 | 03 | 0 | 0 | 9 | 0 | 0 | 81 | 03 | 003 | 0 | 0 | 31 | 06 | 95 | 05 | 4 | 951 | 86 | 0 | 0 | 9 | 0 | 0 | 34 | 81 | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 065 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 82 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 0 | 18 | 07 | 96 | 01 | 1 | 944 | 85 | 0 | 0 | 9 | 0 | 0 | 76 | /8 | 000 | 0 | 4 | 16 | 03 | 96 | 01 | 1 | 974 | 82 | 4 | 6 | 5 | 0 | 0 | 76 | 79 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 06 | 04 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 77 | // | 003 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | // | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | // | — | 0.0 | — 0.5 | 0.0 | 6 |
| | Ormara | 000 | 0 | 3 | 22 | // | // | 04 | 1 | 946 | 86 | 1 | 6 | 6 | 0 | 0 | 76 | // | 000 | 0 | 6 | 25 | 07 | 96 | 02 | 2 | 970 | 80 | 6 | 6 | 6 | 0 | 0 | 77 | // | — | — | 0.0 | — 0.4 | 0.8 | 6 |
| | Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// | / | 0 | 00 | 00 | 98 | 00 | 0 | 974 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 80 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | ... | 8 |
| | Karachi (Airport) | 000 | 0 | 4 | 27 | 10 | 96 | 03 | 0 | 949 | 88 | 4 | 6 | 5 | 0 | 0 | 77 | 92 | 002 | 9 | 7 | 25 | 09 | 96 | 03 | 5 | 977 | 83 | 7 | 6 | 5 | 0 | 0 | 77 | 83 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor | 000 | 0 | / | 23 | 07 | 96 | 03 | 0 | 931 | 11 | 4 | 3 | 6 | 0 | 0 | 77 | 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.1 | — 2.3 | 0.1 | 7 |
| | Hyderabad | 000 | 0 | 4 | 18 | 09 | 97 | 21 | 1 | 931 | 94 | 0 | 0 | 9 | 0 | 1 | 75 | 01 | 000 | 0 | 6 | 23 | 07 | 97 | 03 | 1 | 963 | 85 | 0 | 0 | 9 | 0 | 1 | 75 | 82 | + 2 | + 1 | 0.7 | + 1.5 | 0.7 | 9 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 23 | 07 | 96 | 03 | 0 | 978 | 84 | 1 | 1 | 6 | 4 | 6 | 77 | 82 | — | — | 0.1 | — 2.6 | 0.1 | — |
| Khairpur | Padidan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Nawabshah | 000 | 0 | 3 | 13 | 10 | 96 | 03 | 0 | 920 | 90 | 3 | 0 | 9 | 1 | 0 | 75 | 04 | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 953 | 86 | 0 | 0 | 9 | 0 | 0 | 76 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 951 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 89 | — | — | 1.4 | — | 1.4 | — |
| | Kashmore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | Jacobabad | 000 | 0 | 0 | 18 | 07 | 97 | 02 | 0 | 900 | 21 | 0 | 0 | 9 | 0 | 0 | 72 | 21 | 000 | 0 | 7 | 18 | 05 | 97 | 03 | 1 | 946 | 87 | 0 | 0 | 9 | 0 | 4 | 79 | / | + 13 | // | 2.5 | + 1.7 | 2.6 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | 000 | 0 | 8 | 13 | 02 | 96 | 02 | 1 | /// | 69 | 8 | 5 | 3 | / | / | 65 | 81 | 006 | 9 | 8 | 13 | 05 | 96 | /6 | 6 | /// | 62 | 8 | 5 | 2 | 1 | 1 | // | 60 | + 5 | — 2 | 21.0 | +12.6 | 19.6 | 29 |
| Malakand | Drosh * | 000 | 0 | 5 | 23 | 12 | 97 | 03 | 1 | 340 | 89 | 5 | 8 | 6 | 0 | 0 | 48 | 95 | 002 | 0 | 1 | 00 | 00 | 99 | 01 | 0 | 407 | 72 | 1 | 1 | 6 | 0 | 0 | 55 | 65 | — 2 | — 8 | 1.0 | — | 9.5 | — |
| Peshawar | Cherat * | 010 | 7 | 4 | 18 | 05 | 96 | 01 | 6 | 391 | 78 | 4 | 4 | 8 | 0 | 0 | 71 | 82 | 095 | 5 | 8 | 18 | 05 | 92 | 50 | 6 | 415 | 66 | 8 | 3 | 0 | 0 | 0 | 66 | 65 | — 7 | — 6 | 3.3 | — 0.5 | 3.0 | — |
| | Kakul * | 008 | 0 | 2 | 31 | 03 | 96 | 05 | 1 | 390 | 80 | 2 | 2 | 6 | 0 | 0 | 69 | 81 | 007 | 1 | 8 | 13 | 05 | 96 | 95 | 9 | 421 | 66 | 7 | 9 | 6 | 2 | 1 | 65 | 65 | — | — | 17.5 | — | 32.4 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 05 | 05 | 9/ | 02 | 2 | 417 | 76 | 6 | 2 | / | 2 | 0 | 65 | 72 | — | — | 5.1 | — | 14.7 | 13 |
| | Parachinar * | 025 | 3 | 5 | 13 | 01 | 97 | 17 | 9 | 368 | 77 | 4 | 9 | 6 | 5 | 0 | 63 | 73 | 135 | 3 | 5 | 13 | 03 | 97 | 29 | 9 | 408 | 69 | 3 | 5 | 6 | 4 | 0 | [illegible]3 | 64 | — 9 | — 2 | 3.4 | — | 11.4 | 11 |
| D. I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 05 | 05 | 97 | 00 | 1 | 390 | 78 | 4 | 0 | 9 | 0 | 1 | 71 | 71 | — | — | 0.0 | — 1.9 | 1.6 | 13 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 78 | 0 | 0 | 9 | 0 | 0 | 74 | 72 | — | — | 0.2 | — | 1.0 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 31 | 03 | 96 | 05 | 5 | 361 | 85 | 4 | 5 | 7 | 1 | 1 | 51 | 94 | 000 | 0 | 0 | 23 | 02 | 96 | 05 | 1 | 396 | 77 | 0 | 0 | 9 | 0 | 0 | 63 | 74 | — 6 | — 1 | 5.1 | + 3.3 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 25 | 95 | 05 | 0 | /// | 93 | 0 | 0 | 9 | 0 | 0 | 50 | 96 | 000 | 0 | 0 | 09 | 02 | 95 | 05 | 0 | /// | 79 | 0 | 0 | 9 | 0 | 0 | 46 | 67 | — | — | 0.4 | — | 2.0 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 373 | 76 | 0 | 0 | 9 | 0 | 0 | 64 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 2.1 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 27 | 14 | 96 | 06 | 0 | 354 | 94 | 0 | 0 | 9 | 0 | 0 | 43 | 96 | 000 | 0 | 0 | 13 | 12 | 95 | 06 | 0 | 391 | 78 | 0 | 0 | 9 | 0 | 0 | 63 | 75 | + 2 | + 6 | 0.4 | + 0.1 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 09 | 95 | 05 | 0 | 456 | 0/ | 0 | 0 | 9 | 0 | 0 | // | 01 | 000 | 0 | 8 | 27 | 03 | 96 | 03 | 0 | 470 | 78 | 8 | 6 | 8 | 0 | 0 | 29 | 76 | 0 | | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 23 | 05 | 94 | 06 | 0 | 408 | 03 | 0 | 0 | 9 | 0 | 0 | 49 | 04 | 000 | 0 | 0 | 23 | 05 | 95 | 05 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 46 | 67 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 12 | 97 | 00 | 0 | 382 | 07 | 0 | 0 | 9 | 0 | 0 | // | 09 | 000 | 0 | 0 | 23 | 09 | 93 | 06 | 4 | 390 | 83 | 0 | 0 | 9 | 0 | 0 | 24 | 77 | — 1 | — 0 | 0.0 | — 0.0 | 0.1 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 00 | 93 | 00 | 2 | 352 | 88 | 0 | 0 | 9 | 0 | 0 | 79 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | | 0.0 | — 0.6 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 3 | 15 | 03 | 96 | 03 | 1 | 351 | 97 | 3 | 8 | 6 | 0 | 3 | 42 | 99 | 000 | 0 | 0 | 27 | 02 | 96 | 05 | 0 | 382 | 77 | 0 | 0 | 9 | 0 | 0 | 59 | 75 | — | — | 0.5 | — | 0.5 | 5 |
| | Panjgur * | 000 | 0 | 0 | 31 | 23 | 94 | 07 | 0 | 386 | 00 | 0 | 0 | 9 | 0 | 0 | 89 | 01 | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 403 | 82 | 0 | 0 | 9 | 0 | 0 | 67 | 80 | — 5 | + 3 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actus amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 19th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCb_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T_t$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | Surface | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | At surface and Standard Isobaric Levels | | | | | | | | | | | | |
| | | PoPoPoToToToDoDo | bhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 998 280 07 | 518 // // | 420 206 // | 061 126 27 | 581 005 50 | 856 115 56 | 971 245 59 | 254 455 // | 441 585 // | 689 803 // | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 956 266 50 | 548 /// // | 350 245 0/ | /// /// // | 578 162 60 | 479 125 // | 956 269 // | 2.4 463 .. | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 975 280 25 | 535 /// // | 540 204 35 | 042 140 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 510 000 50 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 556 000 61 | 467 099 // | 183 507 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | /// 000 // | 640 045 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 190 01 | 105 05 | 075 05 | 240 01 | 355 07 | 290 11 | 255 12 | 270 15 | ... | 155 07 | 140 14 | 115 07 | 125 03 | 190 02 |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 165 13 | 190 13 | /00 15 | 210 13 | 215 12 | 185 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 210 16 | 215 16 | 220 22 | 240 18 | 270 15 | 305 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 165 12 | 170 18 | 180 21 | 190 15 | 205 // | ... | ... | ... | ... | 215 05 | 210 04 | 250 04 | ... | 275 03 | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 250 10 | 285 08 | 250 10 | 255 08 |
| D. I. Khan ... | 060 03 | 075 06 | 105 07 | 110 08 | 160 06 | 190 08 | 150 00 | 305 15 | 295 23 | 015 21 | 060 22 | 050 1/ | /// | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 185 01 | 220 06 | 195 17 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 215 06 | 265 14 | 250 14 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 01 | 155 06 | 120 12 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 145 08 | 180 15 | 165 16 | 195 02 | 160 02 | 265 05 |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 125 03 | 120 10 | 115 09 | 125 07 | 325 04 | 360 23 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 240 11 | 235 07 | 235 06 | 275 10 | ... | ... | ... | ... | ... | 215 15 | // // | /// // | 210 06 | 210 07 | 290 08 |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 170 14 | 155 13 | 150 12 | 125 12 | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 05 | 275 19 | 300 19 |
| Lahore ... | 045 05 | 035 07 | 035 03 | 140 01 | 175 01 | 210 04 | 315 10 | 315 12 | 315 13 | 110 0/ | 125 13 | 151 5/ | 160 12 | 175 06 | ... |
| Multan ... | 165 19 | 170 23 | 160 26 | ... | 160 29 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 325 17 | 310 17 | ... |
| Peshawar ... | ... | 060 20 | 065 17 | 125 08 | 175 13 | 270 11 | 285 10 | ... | ... | ... | 040 08 | 345 08 | 240 05 | 255 04 | 280 07 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 145 04 | ... |
| Quetta ... | ... | ... | ... | /// // | 270 06 | 255 12 | ... | ... | ... | ... | ... | ... | /// // | 265 06 | 280 08 |
| Sargodha ... | 355 02 | 025 03 | 004 50 | 295 06 | 250 06 | 270 05 | 295 24 | 285 25 | 285 15 | 090 14 | 090 21 | 090 24 | ... | 090 19 | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 260 00 |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| Height in kms. a.s.l.--> | At 0600 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 120 08 | 085 06 | 005 02 | 195 05 | 200 07 | 255 04 | 240 06 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 135 06 | 155 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 260 12 | 275 21 | 275 19 | 335 14 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 045 02 | 165 03 | 175 07 | 240 08 | 265 10 | 330 05 | ... | ... | ... | ... | ... |
| Multan ... | 195 03 | 140 02 | 090 05 | 090 05 | 250 03 | 280 14 | ... | ... | ... | ... | ... |
| Nawab Shah ... | 030 03 | 340 04 | 315 03 | 090 05 | 155 05 | 330 09 | 355 05 | 325 16 | 315 15 | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 035 06 | 035 03 | 130 06 | 165 05 | 305 09 | 260 12 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 095 02 | 260 5/ | ... | ... | ... | ... | ... |
| Sargodha ... | 335 12 | 065 10 | 120 06 | 160 08 | 190 06 | 255 04 | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

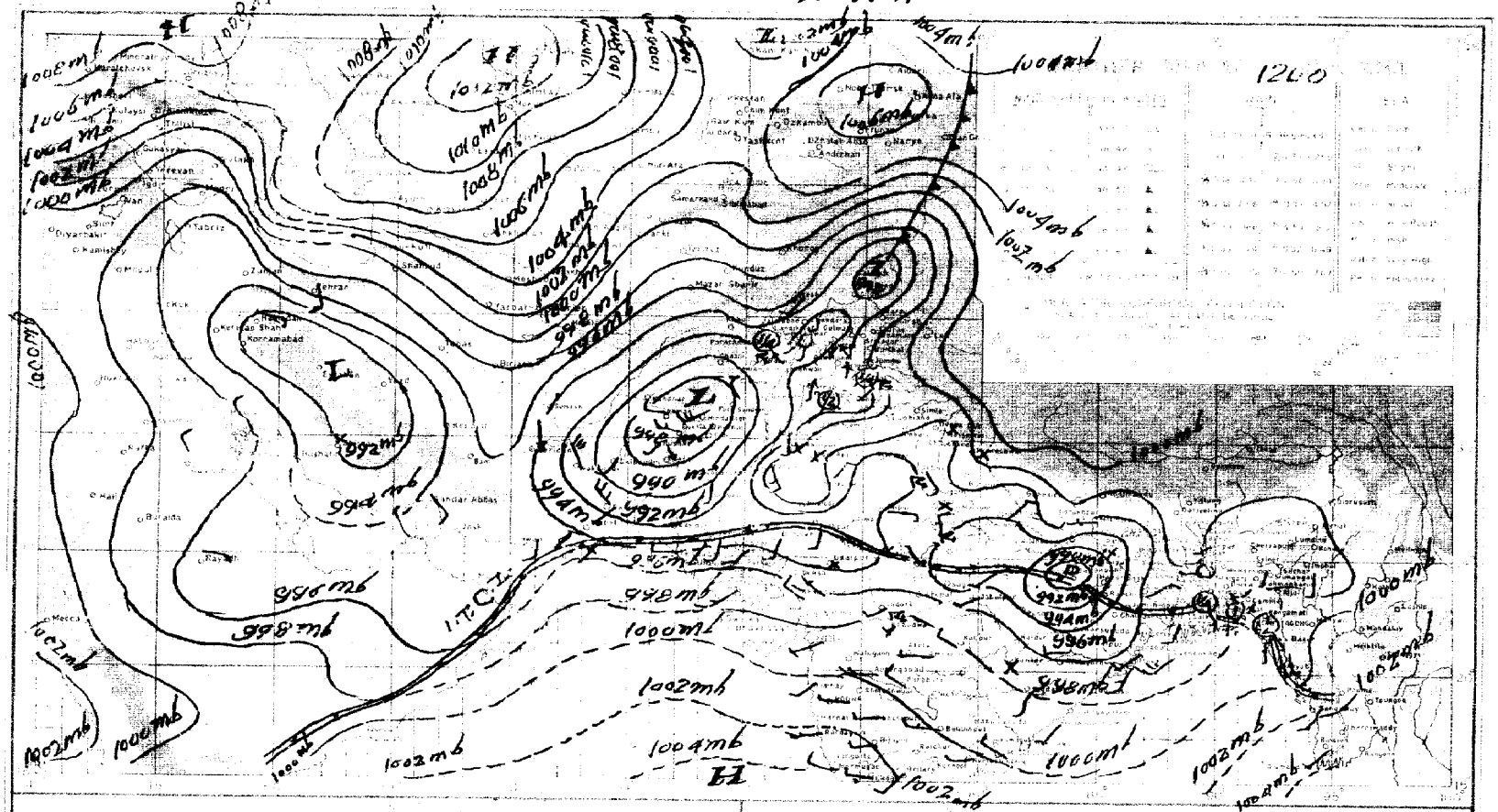
† The actual time of observations may vary within half an hour of the specified time.

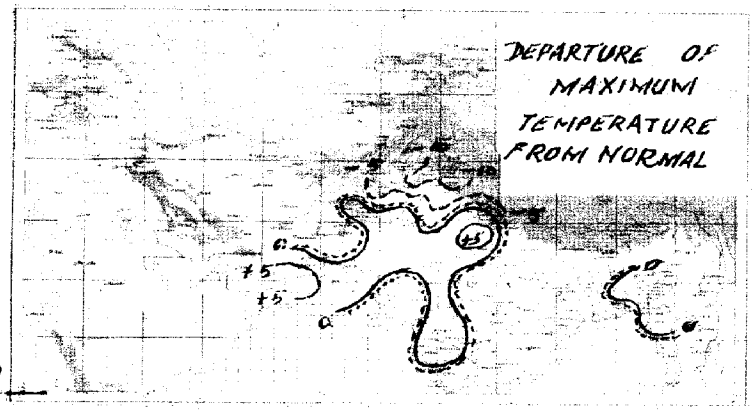
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

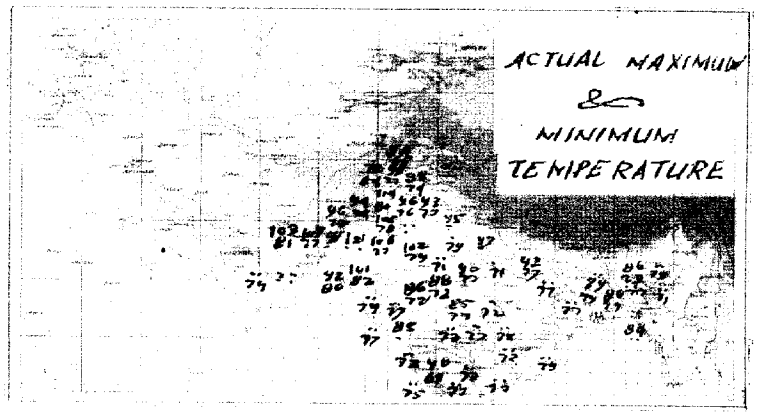
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

SUNDAY 18th JULY. 1971.

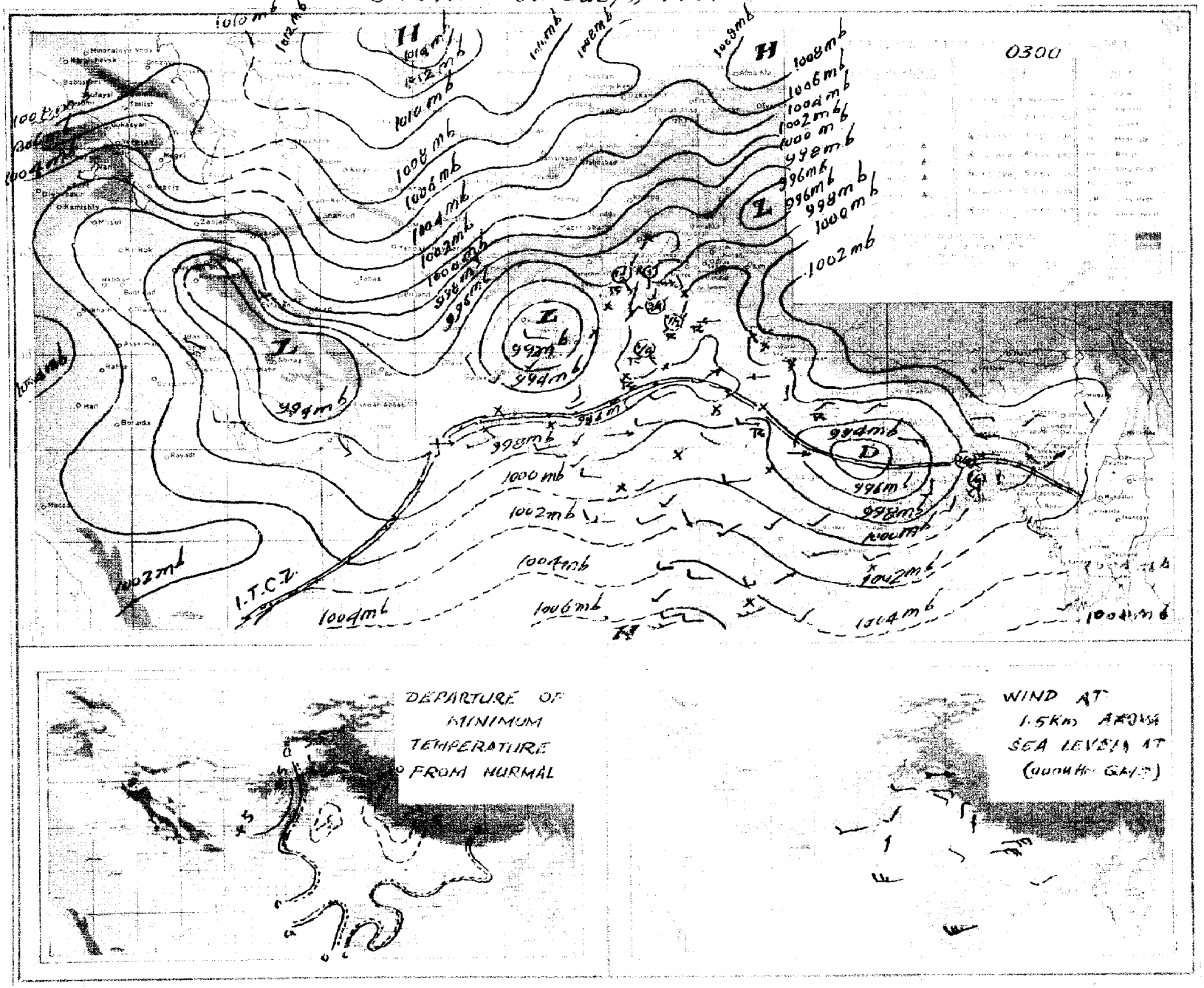


# PAKISTAN DAILY WEATHER MAP

MONDAY 19th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**TUESDAY THE 20th JULY, 1971.**

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

Yesterday's land depression has moved northwestwards and is centred at 20.0300 GMT near Allahabad. It is likely to continue moving in the same direction and weaken.

Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong division and scattered elsewhere in East Pakistan.

Yesterday,s secondary western disturbance over Kashmir and adjoining areas has moved away northeastwards.

Another western disturbance is today moving across East Russian Turkistan with its associated trough lying over Kashmir and adjoining areas.

Yesterday's trough of low over northwest Rajasthan has become unimportant.

Rain/thundershowers have been local in Rawalpindi division and scattered in D. I. Khan divisions. Scattered thunderstorms have also been reported from Malakand and Peshawar divisions and light rain/drizzle from Lahore, Karachi and Hyderabad divisions.

Chief amounts of rainfall are Cox's Bazar 3", Chittagong, Bogra (upto 1200 GMT) and Sylhet 1" each, Khulna ¾", Bannu (upto 0600 GMT) ½" and Jessore and Rawalpindi ¼" each.

Day temperatures were 7–11 °F (4–6 °C) below normal in Sargodha, Multan, Malakand, D. I. Khan and Peshawar divisions and 3–6 °F (2–3 °C) so in Khulna, Lahore, Rawalpindi, Quetta and Kalat divisions.

**Forecast valid until the evening of the 21st July, 1971** :—Rain/thundershowers will be local over East Pakistan and scattered in Kashmir and in Rawalpindi and Malakand divisions. A few falls of drizzle are also likely to occur over coastal Kalat and Karachi divisions.

Karachi-32
The 20th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths)° (PPP) | Dry Bulb temperature° (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud from † (GL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total Cloud amount (N) | Wind direction in tens of degree (dd) | Winds speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths)° (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 003 | 1 | 7 | 18 | 02 | 97 | 21 | 1 | 992 | 81 | 6 | 7 | 5 | 5 | / | 77 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 322 | 3 | 6 | 27 | 05 | 97 | 01 | 6 | 998 | 77 | 6 | 6 | 3 | 5 | 0 | 75 | 75 | — | — 1 | 74.1 | +21.6 | — | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 111 | 6 | 8 | 13 | 07 | 96 | 21 | 6 | 996 | 77 | 6 | 6 | 3 | 2 | 0 | 75 | 75 | — | 0 | 46.8 | +11.6 | — | 108 |
| | Masidea Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 115 |
| | Comilla | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 0 | 978 | 84 | 0 | 0 | 9 | 0 | 0 | 79 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | — | — | — | — | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 78 |
| | Sylhet | 000 | 0 | 5 | 00 | 00 | 97 | 01 | 2 | 958 | 90 | 5 | 3 | 4 | 0 | 9 | 77 | // | 114 | 9 | 8 | 05 | 05 | 96 | 61 | 6 | 990 | 79 | 6 | 3 | 3 | 3 | / | 77 | 77 | — | — | 42.0 | — | — | 98 |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 91 |
| Dacca | Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 11 | — | — | — | — | 74 |
| | Narayanganj | 000 | 0 | 5 | 10 | 02 | 97 | 02 | 2 | 979 | 86 | 3 | 5 | 1 | 0 | / | 81 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Dacca (Tejgaon) | 000 | 0 | 6 | 18 | 05 | 97 | 02 | 2 | 967 | 84 | 4 | 8 | 5 | 4 | 4 | 79 | 88 | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 998 | 84 | 9 | 4 | 7 | 0 | / | 79 | 79 | — | — | — | — | — | 71 |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Khulna | Barisal | 002 | 3 | 5 | 13 | 09 | 97 | 01 | 6 | 974 | 83 | 4 | 8 | 4 | 0 | 1 | 79 | 83 | 028 | 9 | 8 | 00 | 00 | 97 | 02 | 0 | 972 | // | 7 | 6 | 4 | 2 | / | 84 | // | + 1 | // | — | — | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 075 | 9 | 4 | 00 | 00 | 97 | 02 | 0 | 990 | 81 | 0 | 4 | 4 | 0 | 0 | 79 | 72 | — | — | — | — | — | 68 |
| | Satkhira | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 5 | 977 | 88 | 0 | 2 | 9 | 0 | 0 | 88 | 86 | 015 | 0 | 4 | 00 | 00 | 97 | 02 | 0 | 975 | 84 | 4 | 2 | 9 | 2 | 1 | 81 | 79 | — | — | — | — | — | 65 |
| | Jessore | 000 | 0 | 8 | 18 | 02 | 95 | 02 | 2 | 965 | 84 | 5 | 6 | 6 | 3 | 1 | 79 | 84 | 002 | 1 | 8 | 18 | 02 | 97 | 03 | 6 | 960 | 84 | 8 | 6 | 4 | / | / | 81 | 81 | — 5 | + 2 | — | — | — | 65 |
| Rajshahi | Pabna | 000 | 0 | 5 | 13 | 02 | 99 | 01 | 1 | /// | 84 | 5 | 2 | 6 | 0 | 0 | 77 | 91 | 113 | 9 | 5 | 10 | 22 | 90 | 03 | 6 | // | 84 | 5 | 2 | 6 | 0 | 0 | 84 | 79 | — | — | — | — | — | 59 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 64 |
| | Rajshahi | 000 | 0 | 6 | 13 | 02 | 96 | 02 | 0 | 996 | 83 | 4 | 2 | 5 | 3 | 0 | 77 | 84 | 000 | 0 | 6 | 13 | 02 | 96 | 02 | 0 | 970 | 83 | 3 | 4 | / | 3 | 0 | 77 | 79 | — | — | — | — | — | — |
| | Bogra | 105 | 3 | 5 | 13 | 03 | 96 | 01 | 5 | 958 | 84 | 4 | 2 | 5 | 3 | 0 | 81 | 88 | 000 | 9 | 8 | 13 | 03 | 96 | 03 | 6 | 972 | 83 | 6 | 5 | 4 | 3 | 0 | 69 | 74 | — 1 | — 5 | — | — | — | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 72 |
| | Rangpur | 000 | 0 | 5 | 09 | 02 | 96 | 01 | 2 | 969 | 88 | 5 | 0 | 9 | 2 | 0 | 81 | 92 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | — | — | — | — | 84 |
| Kashmir | Jammu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 1 | 00 | 00 | 97 | 02 | 1 | 936 | 93 | 0 | 0 | 9 | 0 | 1 | 71 | 94 | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 954 | 90 | 0 | 0 | 9 | 0 | 0 | 76 | 77 | — 6 | — 3 | 6.3 | +12.8 | 9.5 | 19 |
| | Sialkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 002 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 961 | 84 | 0 | 0 | 9 | 0 | 0 | 75 | 75 | — | — 5 | 11.8 | + 4.1 | 17.8 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 940 | 93 | 0 | 0 | 9 | 0 | 0 | 69 | 94 | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 956 | 84 | 0 | 0 | 9 | 1 | 0 | 75 | 78 | — | — | — | — | — | — |
| | Islamabad | 020 | 0 | 1 | 00 | 03 | 97 | 01 | 1 | 944 | 89 | 1 | 1 | 6 | 3 | 0 | 69 | 91 | 023 | 0 | 5 | 00 | 00 | 97 | 03 | 1 | 970 | 78 | 1 | 0 | 9 | 3 | 2 | 71 | 71 | — 6 | 0 | 19.2 | +12.3 | 19.6 | 36 |
| | Rawalpindi | 000 | 0 | 0 | 13 | 07 | 98 | 00 | 0 | /// | 90 | 0 | 0 | 9 | 0 | 0 | 65 | 92 | 000 | 0 | 0 | 23 | 00 | 97 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | — | — | — | — |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 10 | // | 5.0 | + 1.4 | 7.0 | 15 |
| Sargodha | Khushab | 000 | 0 | 0 | 05 | 05 | 97 | 00 | 6 | 938 | 92 | 0 | 0 | 9 | 0 | 0 | 73 | 92 | 003 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 95 | 84 | 4 | 5 | 9 | 3 | 0 | 74 | // | — | — | — | — | — | — |
| | Sargodha | 013 | 0 | 1 | 36 | 05 | 97 | 03 | 1 | 942 | 94 | 1 | 1 | 6 | 0 | 0 | 77 | 94 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 10 |
| | Lyallpur | 000 | 0 | 0 | 36 | 02 | 97 | 03 | 0 | 939 | 89 | 0 | 0 | 9 | 0 | 0 | 60 | 94 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 956 | 85 | 0 | 0 | 9 | 0 | 0 | 72 | 80 | — | — 2 | 6.2 | + 3.2 | 9.4 | 12 |
| Multan | Sahiwal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| | Multan | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 934 | 94 | 2 | 0 | 9 | 3 | / | 79 | 95 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 945 | 90 | 0 | 0 | 9 | 0 | 0 | 79 | 82 | — 9 | — 2 | 1.8 | + 0.3 | 2.4 | 7 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 6 |
| Bahawalpur | Khanpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 954 | 67 | 0 | 0 | 9 | 0 | 0 | 75 | 84 | — | — | 0.2 | — 1.3 | 0.6 | 6 |
| | Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 939 | 90 | 0 | 0 | 9 | 0 | 0 | 74 | 91 | — | — | 0.0 | — 1.5 | 0.2 | 6 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | / | 0 | 00 | 00 | 98 | 00 | 0 | 008 | 85 | 0 | 0 | 9 | 0 | 0 | 83 | 82 | — | — | — | — | — | 8 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar | 000 | 0 | 6 | 05 | 02 | 97 | 01 | 2 | 930 | 91 | 1 | 1 | 6 | 3 | 2 | 71 | 91 | 003 | 0 | 1 | 36 | 02 | 98 | 01 | 0 | 954 | 86 | 1 | 5 | 5 | 3 | 0 | 70 | 79 | — 11 | — 1 | 0.3 | — 0.8 | 9.8 | 11 |
| | Hoti pur | 030 | 0 | 0 | 13 | 05 | 98 | 00 | 0 | 938 | 89 | 0 | 0 | 9 | 0 | 0 | 69 | 91 | 000 | 0 | 0 | 05 | 05 | 98 | 02 | 0 | 956 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 70 | — | — | 12.1 | — | 20.0 | — |
| D. I. Khan | Bannu | 000 | 0 | 6 | 00 | 00 | 98 | 04 | 2 | 965 | 89 | 3 | 5 | 7 | 6 | 0 | 73 | 91 | 000 | 0 | 6 | 00 | 00 | 98 | 04 | 2 | 331 | 79 | 6 | 5 | 6 | 0 | 0 | 74 | 75 | — | — | 0.7 | — | 2.9 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 938 | 94 | 0 | 0 | 9 | 0 | 0 | 73 | 95 | 000 | 0 | 0 | 00 | 00 | 98 | 01 | 0 | 965 | 90 | 0 | 0 | 9 | 0 | 0 | 77 | 80 | — 8 | — 3 | 0.5 | — 1.4 | 3.3 | 9 |
| Quetta | Sibi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 5 |
| | Nokkundi | 000 | 0 | 0 | 31 | 24 | 94 | 05 | 4 | 884 | 04 | 0 | 0 | 9 | 0 | 0 | 53 | 05 | 003 | 0 | 1 | 32 | 26 | 95 | 05 | 4 | 947 | 85 | 0 | 0 | 9 | 1 | 5 | 41 | // | — | — | 0.0 | — | 0.2 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 11 | 04 | 98 | 00 | 0 | 993 | // | 0 | 0 | 9 | 0 | 0 | 71 | 00 | 000 | 0 | 0 | 11 | 12 | 98 | 00 | 0 | 044 | 82 | 0 | 0 | 9 | 0 | 0 | 72 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 4 | 18 | 09 | 96 | 03 | 0 | 954 | 85 | 4 | 6 | 5 | 0 | 0 | 76 | 87 | 000 | 0 | 7 | 13 | 03 | 96 | 03 | 1 | 9.3 | 82 | 3 | 6 | 4 | 0 | 0 | 75 | 80 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | /// | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 89 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 67 | // | — | — | 0.0 | — 0.5 | 0.0 | 6 |
| | Ormara | 000 | 0 | 1 | 20 | 09 | 96 | 02 | 2 | 950 | 86 | 1 | 6 | 6 | 0 | 0 | 70 | 91 | 000 | 0 | 6 | 27 | 05 | 96 | 02 | 2 | 980 | 82 | 6 | 6 | 6 | 0 | 0 | 76 | // | — | — | 0.8 | + 0.4 | 0.8 | 6 |
| | Lasbela | /// | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 937 | 01 | 0 | 0 | 9 | 0 | 0 | 78 | 01 | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 987 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 80 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 27 | 02 | 94 | 03 | 2 | 981 | 82 | 6 | 6 | 4 | 0 | 0 | 77 | 81 | — | 0 | — | — | — | 4 |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 10 | 96 | 02 | 2 | 956 | 86 | 5 | 6 | 5 | 3 | 0 | 77 | 87 | 000 | 9 | 6 | 27 | 10 | 96 | 03 | 5 | 980 | 83 | 6 | 6 | 5 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparkar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 23 | 10 | 96 | 01 | 0 | 969 | 83 | 1 | 5 | 6 | 0 | 0 | 76 | 80 | — | — | 1.9 | — | 2.6 | 7 |
| | Chhor | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 25 | 09 | 97 | 03 | 1 | 959 | 85 | 0 | 0 | 9 | 0 | 1 | 73 | 82 | — 2 | + 1 | 0.7 | — 1.5 | 0.7 | 9 |
| | Hyderabad | 000 | 0 | 5 | 23 | 09 | 97 | 01 | 2 | 943 | 95 | 0 | 0 | 9 | 0 | 1 | 75 | 01 | 000 | 0 | 2 | 23 | 05 | 96 | 03 | 0 | 979 | 74 | 2 | 6 | 4 | 0 | 0 | 76 | 81 | — | — | 0.1 | — 2.7 | 0.1 | — |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Khairpur | Padidan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Nawabshah | 000 | 0 | 0 | 13 | 07 | 96 | 05 | 0 | 930 | 03 | 0 | 0 | 9 | 0 | 0 | 77 | 04 | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 951 | 67 | 0 | 0 | 9 | 0 | 0 | 75 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 10 | 96 | 02 | 0 | 919 | 06 | 0 | 0 | 9 | 0 | 0 | 73 | 07 | 000 | 0 | 4 | 23 | 03 | 97 | 02 | 0 | 961 | 81 | 4 | 2 | 6 | 0 | 0 | 78 | 80 | — | — | 1.3 | — | 1.3 | — |
| | Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 2 | 971 | 90 | 0 | 0 | 9 | 0 | 0 | 74 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 20 |
| Junagadh | Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 71 |
| | Gulmarg * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 26 |
| | Sonamarg * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 3 |
| | Dras * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 6 |
| | Leh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Skardu * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 5 |
| | Misgar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 59 |
| | Aliabad * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 18 |
| | Gilgit * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Rawalpindi | Murree * | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 9 | /// | 70 | 4 | 1 | 4 | / | 0 | 61 | 72 | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | /// | 67 | 0 | 0 | 9 | 8 | 1 | 52 | 57 | — 4 | — 5 | 21.0 | + 9.5 | 29.4 | 29 |
| Malakand | Drosh * | 003 | 3 | 7 | 23 | 12 | 97 | 02 | 9 | 365 | 85 | 4 | 8 | 7 | 7 | 0 | 50 | 90 | 000 | 0 | 1 | 00 | 00 | 99 | 01 | 0 | 401 | 79 | 1 | 1 | 7 | 0 | 0 | 59 | 60 | — 7 | — 5 | 1.3 | — | 9.8 | — |
| Peshawar | Cherat * | 000 | 0 | / | 18 | 03 | 97 | 01 | 2 | 402 | 77 | 4 | 4 | 8 | 0 | 0 | 70 | 78 | 000 | 0 | 6 | 18 | 03 | 95 | 02 | 2 | 417 | 72 | 6 | 4 | 8 | 0 | 0 | 66 | 66 | — 11 | — 5 | ... | — | — | — |
| | Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 1 | 29 | 02 | 97 | 03 | 0 | 405 | 73 | 1 | 5 | 6 | 0 | 0 | 65 | 65 | — | — | 17.5 | — | 32.4 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 36 | 02 | 98 | 03 | 2 | 411 | 80 | 4 | 0 | / | 2 | 0 | 65 | 74 | — | — | 5.1 | — | 14.7 | 13 |
| | Parachinar * | 036 | 5 | 4 | 13 | 03 | 97 | 17 | 9 | 399 | 75 | 3 | 9 | 6 | 3 | 0 | 61 | 77 | 000 | 8 | 2 | 13 | 02 | 97 | 01 | 9 | 412 | 72 | 2 | 5 | 6 | 0 | 0 | 52 | 64 | — 10 | — 2 | 4.2 | — | 11.8 | 11 |
| D. I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 05 | 05 | 97 | 00 | 1 | 399 | 80 | 4 | 0 | 9 | 0 | 1 | 71 | 72 | — | — | 0.0 | — 1.9 | 1.6 | 13 |
| | Wana * | 115 | 7 | 3 | 13 | 04 | 99 | 03 | 0 | 391 | 82 | 3 | 3 | 8 | 0 | 0 | 81 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.2 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 5 | 13 | 03 | 95 | 05 | 4 | 366 | 80 | 5 | 4 | 7 | 0 | 0 | 60 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | — | 5.1 | + 3.2 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 29 | 19 | 94 | 05 | 0 | /// | 88 | 0 | 0 | 9 | 0 | 0 | 56 | 95 | 000 | 0 | 0 | 25 | 05 | 96 | 05 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 45 | 65 | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 14 |
| | Barkhan * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 9 |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 382 | 92 | 0 | 2 | 7 | 0 | 0 | 69 | 94 | 003 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 378 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 79 | — | — | 0.0 | — 2.2 | 0.0 | 8 |
| | Sanjungli (Quetta) * | 000 | 0 | 7 | 23 | 14 | 96 | 05 | 2 | 969 | 85 | 7 | 5 | 4 | 0 | 0 | 77 | 90 | 000 | 0 | 0 | 13 | 05 | 94 | 06 | 0 | 387 | 74 | 0 | 0 | 9 | 0 | 0 | 67 | 74 | — 4 | + 5 | 0.4 | + 0.1 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 06 | 95 | 05 | 2 | 455 | 95 | 0 | 0 | 9 | 0 | 0 | 45 | 96 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | — | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 23 | 05 | 94 | 06 | 0 | 426 | 99 | 0 | 0 | 9 | 0 | 0 | 43 | 00 | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 435 | 83 | 0 | 0 | 9 | 0 | 0 | 67 | 80 | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 07 | 93 | 06 | 0 | 488 | 02 | 0 | 0 | 9 | 0 | 0 | // | 03 | 000 | 0 | 0 | 23 | 03 | 94 | 06 | 0 | 391 | 83 | 0 | 0 | 9 | 0 | 0 | 70 | 78 | — 7 | + 1 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 2 | 23 | 00 | 94 | 05 | 0 | 347 | 87 | 0 | 0 | 9 | 0 | 0 | 65 | 89 | 000 | 0 | 0 | 18 | 02 | 93 | 00 | 0 | 394 | 72 | 0 | 0 | 9 | 0 | 0 | 52 | 51 | — 4 | — 5 | 0.0 | — 0.6 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 3 | 23 | 07 | 96 | 05 | / | 364 | 96 | 0 | 0 | 9 | 0 | 1 | // | 97 | 000 | 0 | 0 | 27 | 02 | 96 | 05 | 0 | 387 | 88 | 0 | 0 | 9 | 0 | 0 | 66 | 75 | — | — | 0.6 | — | 0.7 | 5 |
| | Panjgur * | 000 | 0 | 0 | 31 | 07 | 95 | 05 | 0 | 389 | 91 | 0 | 0 | 9 | 0 | 2 | 88 | 99 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 6 | | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

When over 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 20th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99$L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ N dd FF | VV $_{w\,w}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | 8$N_sCh_sh_s$ | 0I$_s$T$_s$T$_d$T$_d$ | 1T$_w$T$_w$T$_{wt}$T$_{wt}$ | 3P$_w$P$_w$H$_w$H$_w$ | d$_w$d$_w$P$_w$H$_w$H$_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToDoDo | hhh TTT$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 996 266 09 | 528 // / | 400 202 38 | 079 146 50 | 763 021 44 | 753 103 59 | 942 251 59 | 257 455 / / | 444 581 / / | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 995 274 40 | 520 / / / | 400 250 65 | 936 146 66 | 593 057 / / | 757 117 / / | 971 265 / / | 252 311 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 956 266 56 | 542 / / / | 380 222 / / | 044 122 / / | 578 049 / / | 751 260 31 | 965 223 / / | 252 389 / / | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 974 285 43 | 539 / / / | 380 426 07 | 029 080 30 | 571 095 / / | 740 195 / / | 949 291 / / | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmFmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 832 188 43 | 787 188 44 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 538 000 / / | 179 463 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 600 000 / / | 220 421 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Height in kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Begra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 150 02 | 140 02 | 145 03 | 125 04 | 130 03 | 320 17 | 310 15 | 190 01 | ... | 065 07 | 140 03 | 100 03 | 040 05 | 300 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 180 11 | 190 15 | 155 12 | 165 14 | ... | ... | ... | ... | ... | 115 08 | 115 04 | 115 03 | ... | 120 06 | ... | 130 13 | 130 12 | 135 12 | 135 12 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 03 | 150 04 | 195 04 | 310 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 030 00 | 100 07 | 110 09 | 155 06 | 130 01 | 215 07 | 260 02 | 150 05 | 270 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 210 01 | 210 02 | 240 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 200 06 | 205 12 | 245 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 165 08 | 195 06 | 210 04 | 255 04 | 260 03 | 255 03 | 250 06 | ... | ... | ... | ... | ... | ... | ... | ... | 190 05 | 210 03 | 205 03 | 290 03 | 310 06 | 295 12 | 315 17 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 185 01 | 100 01 | 290 03 | 340 04 | 330 04 | 330 10 | 280 04 | 270 17 | 270 27 | 010 06 | 360 08 | 335 06 | 350 27 | 330 05 | 315 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 165 15 | 180 17 | 190 10 | 330 09 | 345 23 | ... | ... | ... | ... | 270 09 | 015 06 | ... | 265 09 | ... | 100 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kar chi ... | 240 15 | 245 17 | 245 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 17 | 265 19 | 266 16 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 210 04 | 215 03 | 205 04 | 130 02 | 080 04 | 060 04 | ... | ... | ... | 215 10 | 215 11 | 210 13 | 205 72 | 195 09 | 244 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 6 | 255 09 | 315 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 035 03 | 040 03 | 035 03 | 290 04 | 245 07 | 250 08 | 320 05 | 330 06 | 320 07 | 025 06 | 030 06 | 030 06 | 015 03 | 080 03 | 070 05 | 200 04 | 315 03 | 335 03 | 350 5 | 360 07 | 360 8 | 335 14 | 355 11 | 015 05 | 200 08 | ... |
| Multan ... | 055 04 | 130 04 | 110 05 | 130 06 | 155 09 | 270 11 | 320 12 | ... | ... | 125 01 | 050 02 | 325 03 | 270 12 | 275 15 | 310 1 | 250 05 | 250 05 | 230 06 | 250 04 | 255 04 | 270 02 | 360 1 | ... | 335 33 | ... | ... |
| Nawab Shah ... | 180 10 | 180 04 | 185 07 | 205 07 | 225 06 | 257 03 | 310 10 | 330 06 | 290 07 | 230 12 | 240 09 | 215 11 | 195 08 | 140 07 | 050 13 | 145 06 | 340 02 | 345 02 | 360 03 | 340 02 | 355 08 | 150 03 | 120 13 | 3 0 05 | 280 C2 | 310 30 |
| Noktundi ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 070 06 | 080 07 | 185 14 | 205 09 | 220 06 | 305 22 | 300 29 | 280 26 | ... | 070 03 | 070 05 | 015 06 | 335 11 | 270 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 02 | 115 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 335 02 | 300 04 | ... | ... | ... | ... | ... | ... | ... | 275 07 | 315 11 | ... | ... | ... | ... | 255 08 | 245 08 | ... | ... | ... | ... | ... |
| Sargodha ... | 015 07 | 065 06 | 095 05 | 155 03 | 270 03 | 345 05 | 290 18 | 290 18 | 295 23 | 090 10 | 115 07 | 085 03 | 335 03 | 330 08 | 285 10 | 055 03 | 000 2 | 005 02 | 010 06 | 015 07 | 035 03 | 265 14 | 250 12 | 255 14 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 260 16 | 270 21 | 270 17 | 270 13 | 290 25 | 100 18 | 295 09 | 305 10 | /// / / | 330 26 | 300 07 | 310 33 | 330 22 | 330 33 | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(height)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C.

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

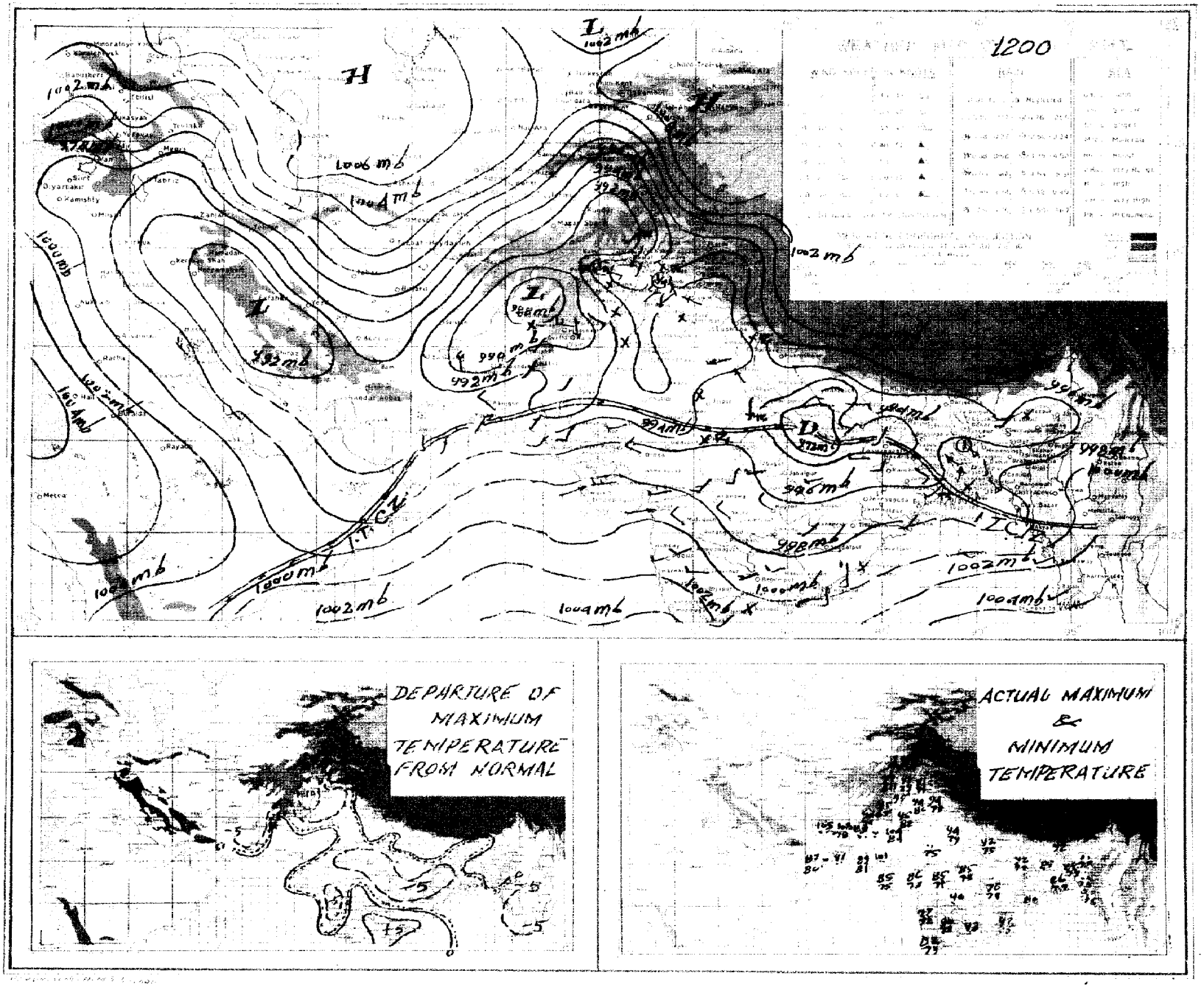
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

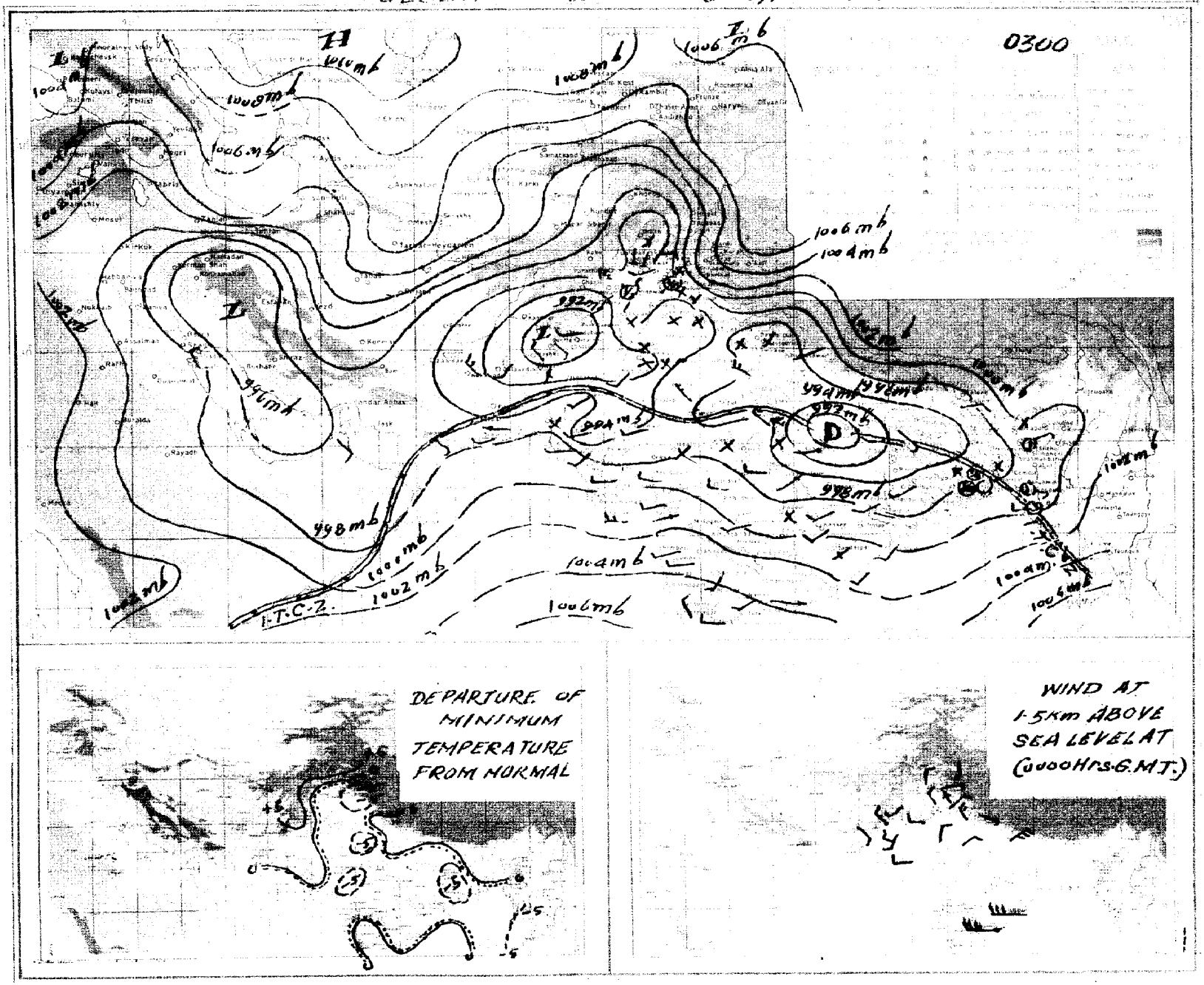
# PAKISTAN DAILY WEATHER MAP

MONDAY 19th JULY 1971



# PAKISTAN DAILY WEATHER MAP

TUESDAY 20th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

Reg. No. S-1467
Volume No. 25

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 21st JULY, 1971.**

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

Yesterday's land depression, which weakened last evening and lay as a well marked low over Uttar Pradesh, today lies over south Uttar Pradesh and adjoining Madhya Pradesh.

Rain/thundershowers have been widespread in East Pakistan.

Yesterday,s western disturbance over north of Kashmir has moved away eastwards. Its secondary over Kashmir is also moving away eastwards.

Widespread thunderstorms have occured in Sargodha division and isolated light rain/thunderstorms in Malakand, Peshawar and Quetta divisions.

Chief amounts of rainfall are Cox's Bazar, Khulna, Rajshahi, Rangamati and Chittagong (upto 0000 GMT) 4" each. Dacca and Jessore 3" each, Faridpur 2", Narayanganj, Satkhira and Bogra 1" each, Bhola ¾", Sylhet, Srimangal, Maijdee Court (upto 0600 GMT) and Barisal (upto 1200 GMT) ½" each, and Mymensingh and Parachinar ¼" each.

Day temperatures were generally 3—8 °F (2—4 °C) below normal in Cox's Bazar, Khulna, Rawalpindi, Malakand, Peshawar, Quetta, Kalat and Khairpur divisions and were 5 °F (3 °C) above normal in Dacca and Rajshahi divisions.

**Forecast valid until the evening of the 22nd July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan with a few moderately heavy falls. Scattered rain/thundershowers are also likely over Lahore, Rawalpindi and Multan divisions and in Kashmir. A few falls of light rain/drizzle are likely to occur over coastal Kalat and Karachi divisions. Mainly dry weather will prevail over West Pakistan.

Karachi-32
The 21st July, 1971.

## OBSERVATIONS

M SHAHABUDDIN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati ... | | | | | | | | | | | | | | | | | |
| | Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Maijdee Court ... | | | | | | | | | | | | | | | | | |
| | Comilla ... | | | | | | | | | | | | | | | | | |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Srimangal ... | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Narayanganj ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dacca (Tejgaon) ... | 049 | 9 | 8 | 18 | 05 | 97 | 02 | 6 | 956 | 80 | 6 | 3 | 4 | 7 | / | 77 | 88 |
| | Faridpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khulna | Barisal ... | | | | | | | | | | | | | | | | | |
| | Khulna ... | | | | | | | | | | | | | | | | | |
| | Satkhira ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jessore ... | 225 | 4 | 8 | 00 | 00 | 96 | 02 | 9 | 956 | 79 | 6 | 7 | 4 | 2 | 1 | 77 | 86 |
| Rajshahi | Pabna ... | | | | | | | | | | | | | | | | | |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 911 | 99 | 0 | 0 | 9 | 0 | 0 | 70 | 00 |
| | Sialkot ... | 000 | 0 | 0 | 27 | 02 | 98 | 02 | 0 | 911 | 96 | 0 | 0 | 9 | 0 | 0 | 72 | 96 |
| Rawalpindi | Jhelum ... | 000 | 0 | 0 | 31 | 02 | 97 | 02 | 0 | 900 | 99 | 0 | 0 | 9 | 0 | 0 | 69 | 00 |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 000 | 0 | 1 | 23 | 03 | 97 | 03 | 0 | 911 | 92 | 1 | 1 | 6 | 0 | 0 | 69 | 93 |
| | Campbellpur ... | 000 | 0 | 0 | 13 | 00 | 98 | 00 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | 68 | 97 |
| Sargodha | Khushab ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 6 | 960 | 00 | 0 | 0 | 9 | 0 | 0 | 74 | 00 |
| | Sargodha ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 913 | 97 | 0 | 0 | 9 | 0 | 0 | // | 99 |
| | Lyallpur ... | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 936 | 90 | 0 | 0 | 9 | 0 | 0 | 57 | 9/ |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 4 | 00 | 00 | 96 | 05 | 1 | 909 | 01 | 2 | 1 | 6 | 0 | 1 | 79 | 02 |
| | Leiah ... | 000 | 0 | 6 | 31 | 08 | 75 | 01 | 2 | 948 | 02 | 0 | 6 | 7 | 0 | 0 | 67 | 02 |
| Bahawalpur | Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 926 | 02 | 0 | 0 | 9 | 0 | 0 | 95 | 04 |
| | Fort Abbas ... | /// | / | 0 | 05 | 04 | 96 | 00 | 0 | 905 | 98 | 0 | 0 | 9 | 0 | 0 | 80 | 99 |
| Malakand | Chakdara ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Peshawar ... | 000 | 2 | 3 | 09 | 02 | 97 | 02 | 9 | 998 | 95 | 1 | 1 | 6 | 3 | 0 | 69 | 99 |
| | Haripur ... | 000 | 0 | 0 | 09 | 05 | 98 | 00 | 0 | 910 | 95 | 0 | 0 | 9 | 0 | 0 | 70 | 96 |
| D.I. Khan | Bannu ... | 000 | 0 | 5 | 05 | 01 | 98 | 03 | 2 | 936 | 93 | 3 | 2 | 7 | 7 | 0 | 73 | 95 |
| | D.I. Khan ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 906 | 00 | 0 | 0 | 4 | 0 | 0 | 79 | 01 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 000 | 0 | 0 | 31 | 17 | 95 | 05 | 4 | 891 | 03 | 0 | 0 | 9 | 0 | 0 | 75 | 04 |
| Kalat | Turbat ... | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 993 | 00 | 0 | 0 | 9 | 0 | 0 | 71 | 00 |
| | Jiwani ... | 000 | 0 | 4 | 16 | 12 | 96 | 01 | 1 | 955 | 84 | 4 | 6 | 5 | 0 | 0 | 75 | 87 |
| | Pasni ... | | | | | | | | | | | | | | | | | |
| | Ormara ... | 000 | 0 | 2 | 27 | 14 | 96 | 04 | 4 | 973 | 86 | 2 | 6 | 6 | 0 | 0 | 77 | // |
| | Lasbela ... | 000 | 0 | 3 | 13 | 03 | 98 | 00 | 0 | 946 | 01 | 0 | 0 | 8 | 0 | 0 | 79 | 02 |
| Karachi division | Karachi (Manora) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) ... | 000 | 0 | 2 | 25 | 14 | 96 | 01 | 0 | 955 | 88 | 2 | 6 | 5 | 0 | 0 | 75 | 88 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad ... | 000 | 0 | 6 | 25 | 09 | 97 | 02 | 2 | 931 | 99 | 0 | 0 | 9 | 0 | 1 | 71 | 01 |
| | Badin ... | 000 | 0 | 3 | 23 | 10 | 97 | 01 | 0 | 955 | 93 | 3 | 4 | 6 | 0 | 0 | 73 | 95 |
| Khairpur | Padidan ... | 000 | 0 | 5 | 13 | 03 | 96 | 01 | 2 | 907 | 04 | 0 | 0 | 9 | 0 | 5 | 70 | 08 |
| | Nawabshah ... | 000 | 0 | 0 | 08 | 07 | 96 | 05 | 0 | 917 | 06 | 0 | 0 | 9 | 0 | 0 | 73 | 06 |
| | Sukkur ... | 000 | 0 | 0 | // | 02 | 96 | 02 | 0 | 910 | 09 | 0 | 0 | 9 | 0 | 0 | 74 | 10 |
| | Kashmore ... | | | | | | | | | | | | | | | | | |
| | Jacobabad ... | 000 | 0 | 2 | 13 | 07 | 96 | 05 | 0 | 905 | 03 | 0 | 9 | 0 | 8 | / | 70 | 04 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 000 | 0 | 4 | 13 | 05 | 97 | 01 | 1 | /// | 72 | 2 | 1 | 4 | 4 | 0 | 64 | 76 |
| Malakand | Drosh * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | Cherat * ... | 000 | 0 | 2 | 18 | 05 | 98 | 01 | 2 | 374 | 83 | 2 | 1 | 9 | 0 | 0 | 68 | 85 |
| | Kakul * ... | 000 | 0 | 1 | 16 | 05 | 97 | 02 | 0 | 378 | 83 | 1 | 2 | 6 | 4 | 0 | 64 | 86 |
| | Landikotal * ... | 000 | 0 | 4 | 18 | 05 | 97 | 02 | 2 | 377 | 91 | 4 | 0 | / | 2 | 0 | 43 | 93 |
| | Parachinar * ... | 000 | 4 | 7 | 13 | 05 | 97 | 95 | 9 | 384 | 78 | 6 | 9 | 6 | 3 | 0 | 55 | 80 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 4 | 05 | 05 | 97 | 00 | 1 | 386 | 90 | 4 | 0 | 9 | 0 | 1 | 73 | 91 |
| | Wana * ... | 000 | 0 | 0 | 13 | 04 | 98 | 00 | 0 | 391 | 86 | 0 | 0 | 9 | 0 | 0 | 83 | 88 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 5 | 13 | 23 | 96 | 17 | 9 | 360 | 90 | 5 | 3 | 6 | 0 | 0 | 57 | 95 |
| | Hindubagh * ... | 000 | 0 | 0 | 35 | 13 | 95 | 05 | 0 | /// | 92 | 0 | 0 | 9 | 0 | 0 | 53 | 94 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 379 | 83 | 0 | 0 | 9 | 0 | 0 | 59 | 96 |
| | Samungli (Quetta) * ... | 000 | 0 | 1 | 29 | 16 | 96 | 06 | 0 | 361 | 92 | 1 | 3 | 6 | 0 | 0 | 45 | 93 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 443 | 94 | 0 | 0 | 9 | 0 | 0 | 46 | 96 |
| | Nushki * ... | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 417 | 01 | 0 | 0 | 9 | 0 | 0 | 44 | 03 |
| | Dalbandin * ... | 000 | 0 | 0 | 23 | 14 | 92 | 07 | 0 | 388 | 02 | 0 | 0 | 9 | 0 | 0 | 52 | 04 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 31 | 00 | 94 | 00 | 2 | 349 | 86 | 0 | 0 | 9 | 0 | 0 | 38 | 88 |
| | Khuzdar * ... | 000 | 0 | 3 | 23 | 07 | 96 | 00 | 0 | 354 | 96 | 1 | 1 | 7 | 0 | 1 | 39 | 78 |
| | Panjgur * ... | 000 | 0 | 0 | 36 | 07 | 95 | 05 | 0 | 388 | 99 | 0 | 0 | 9 | 0 | 0 | 90 | 01 |

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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 430 | 9 | 8 | 13 | 05 | 96 | 62 | 4 | | // | 5 | 5 | 3 | 2 | 0 | 77 | 77 |
| | Cox's Bazar | 650 | 0 | 8 | 16 | 16 | 92 | 63 | 6 | 008 | 77 | 7 | 7 | 2 | 2 | / | 77 | 76 |
| | Chittagong | | | | | | | | | | | | | | | | | |
| | Maijdee Court | | | | | | | | | | | | | | | | | |
| | Comilla | | | | | | | | | | | | | | | | | |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 060 | 0 | 8 | 09 | 05 | 96 | 02 | 2 | 999 | 81 | 5 | 6 | 5 | 2 | / | 75 | // |
| | Srimangal | | | | | | | | | | | | | | | | | |
| Dacca | Mymensingh | 025 | 2 | 8 | 13 | 02 | 97 | 50 | | 998 | 81 | 8 | 7 | 4 | 0 | 0 | 77 | 76 |
| | Narayanganj | 000 | 0 | 8 | 13 | 02 | 97 | 03 | 5 | 971 | 81 | 8 | 6 | 3 | | / | 77 | 79 |
| | Dacca (Tejgaon) | 301 | 9 | 8 | 23 | 05 | 96 | 02 | 6 | 978 | 77 | 7 | 8 | 4 | 7 | | 79 | 75 |
| | Faridpur | 180 | 3 | 8 | 20 | 02 | 97 | 02 | 6 | 974 | 79 | 8 | 5 | 5 | 0 | 0 | | 77 |
| Khulna | Barisal | | | | | | | | | | | | | | | | | |
| | Khulna | | | | | | | | | | | | | | | | | |
| | Satkhira | 105 | 3 | 8 | 00 | 00 | 97 | 50 | / | 976 | 81 | 8 | 7 | 9 | 0 | 0 | 77 | 79 |
| | Jessore | 300 | 1 | 8 | 23 | 09 | 95 | 61 | 6 | 970 | 79 | 7 | 7 | 3 | 2 | | 77 | 77 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 309 | 9 | 8 | 00 | 00 | 96 | 02 | 6 | 996 | 81 | 7 | 7 | 3 | 3 | 0 | 79 | 79 |
| | Bogra | 111 | 3 | 8 | 36 | 02 | 96 | 21 | 6 | 966 | 81 | 4 | 5 | 4 | 7 | 0 | 79 | 77 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 004 | 2 | 7 | 09 | 20 | 96 | 03 | 6 | 998 | 83 | 7 | 0 | 9 | 2 | 0 | 79 | 72 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 000 | 8 | 3 | 31 | 12 | 96 | 07 | 1 | 951 | 66 | 3 | 0 | 9 | 7 | 0 | 64 | 81 |
| | Sialkot | 000 | 0 | 7 | 00 | 00 | 97 | 03 | 1 | 958 | 86 | 3 | 5 | 5 | 2 | 0 | 77 | 80 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 943 | 85 | 4 | 0 | 9 | 7 | 0 | 78 | 81 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 000 | 0 | 6 | 31 | 05 | 97 | 03 | 2 | 949 | 87 | 6 | 0 | 9 | 3 | 0 | 73 | 77 |
| | Campbellpur | 000 | 0 | 0 | 05 | 00 | 97 | 00 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | // | 75 |
| Sargodha | Khushab | 000 | 0 | 7 | 36 | 03 | 97 | 02 | 2 | 947 | 86 | 5 | 5 | 9 | 2 | 0 | 77 | // |
| | Sargodha | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 95 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 78 |
| | Lyallpur | 030 | 3 | 4 | 36 | 02 | 97 | 02 | 9 | 955 | 65 | 4 | 4 | / | 0 | 0 | 73 | 78 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 0 | 18 | 05 | 96 | 04 | 1 | 940 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 85 |
| | Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bahawalpur | Khanpur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 953 | 65 | 0 | 0 | 9 | 0 | 0 | 73 | 83 |
| | Bahawalpur | 000 | 0 | 0 | 20 | 02 | 96 | 00 | 3 | 964 | 89 | 0 | 0 | 9 | 0 | 0 | 73 | 96 |
| | Fort Abbas | /// | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 008 | 90 | 0 | 0 | 9 | 0 | 0 | 83 | 81 |
| Malakand | Chakdara | 000 | 0 | 7 | 05 | 07 | 97 | 02 | 2 | 952 | 75 | 3 | 0 | 9 | 3 | 8 | 60 | 72 |
| Peshawar | Peshawar | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 949 | 66 | 2 | 3 | 6 | 3 | 0 | 62 | 81 |
| | Haripur | 000 | 4 | 5 | 05 | 03 | 97 | 03 | 2 | 971 | 82 | 5 | 0 | 9 | 0 | 3 | 72 | 76 |
| D.I. Khan | Bannu | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 2 | 966 | 80 | 0 | 0 | 9 | 7 | 0 | 74 | 80 |
| | D.I. Khan | 000 | 0 | 0 | 05 | 02 | 97 | 02 | 0 | 950 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 84 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 386 | 78 | 0 | 0 | 9 | 0 | 0 | 66 | 80 |
| Kalat | Turbat | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 040 | 83 | 0 | 0 | 9 | 0 | 0 | 78 | 81 |
| | Jiwani | 000 | 0 | 5 | 13 | 05 | 96 | 03 | / | 967 | 83 | 5 | 6 | 5 | 0 | 0 | 74 | 79 |
| | Pasni | | | | | | | | | | | | | | | | | |
| | Ormara | 000 | 0 | 5 | 27 | 03 | 96 | 04 | 4 | 960 | 83 | 5 | 6 | 6 | 0 | 0 | 76 | // |
| | Lasbela | /// | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 975 | 80 | 0 | 0 | 9 | 0 | 0 | 76 | 80 |
| Karachi division | Karachi (Manora) | 000 | 0 | 4 | 27 | 03 | 96 | 02 | 1 | 978 | 82 | 4 | 6 | 4 | 0 | 0 | 77 | 81 |
| | Karachi (Airport) | 000 | 0 | 6 | 27 | 09 | 96 | 02 | 2 | 979 | 83 | 6 | 6 | 5 | 0 | 0 | 77 | 82 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 0 | 23 | 09 | 96 | 05 | 0 | 966 | 83 | 0 | 0 | 9 | 0 | 0 | 75 | 80 |
| | Hyderabad | 000 | 0 | 5 | 23 | 09 | 97 | 03 | 1 | 963 | 85 | 0 | 0 | 9 | 0 | 1 | 73 | 82 |
| | Badin | 000 | 0 | 0 | 23 | 12 | 96 | 02 | 1 | 977 | 83 | 0 | 0 | 9 | 0 | 0 | 75 | // |
| Khairpur | Padidan | 000 | 0 | 5 | 13 | 03 | 96 | 03 | 0 | 042 | 85 | 0 | 0 | 9 | 0 | 1 | 73 | 82 |
| | Nawabshah | 000 | 0 | 0 | 13 | 07 | 96 | 05 | 0 | 951 | 05 | 0 | 0 | 9 | 0 | 0 | 75 | 81 |
| | Sukkur | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 946 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 83 |
| | Kashmore | | | | | | | | | | | | | | | | | |
| | Jacobabad | 000 | 0 | 0 | 13 | 07 | 98 | 05 | 0 | 949 | 88 | 0 | 0 | 9 | 0 | 0 | // | 84 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 000 | 0 | 6 | 00 | 00 | 98 | 02 | 1 | /// | 68 | 9 | 5 | 4 | 0 | 0 | 60 | 62 |
| Malakand | Drosh * | 010 | 0 | 5 | 00 | 00 | 98 | 03 | 0 | 411 | 73 | 3 | 1 | 7 | 7 | 0 | 53 | 68 |
| Peshawar | Cherat * | 000 | 0 | 6 | 18 | 03 | 96 | 02 | 2 | 412 | 73 | 6 | 0 | 9 | 2 | 0 | 69 | 71 |
| | Kakul * | 000 | 0 | 5 | 16 | 05 | 97 | 03 | 2 | 406 | 77 | 3 | 4 | 6 | 3 | 0 | 38 | 70 |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | // | // | / | 401 | 80 | 8 | 5 | | 0 | 0 | 55 | // |
| | Parachinar * | 018 | 3 | 3 | 00 | 00 | 97 | 29 | 9 | 411 | 67 | 2 | 5 | 6 | 3 | 0 | 57 | 59 |
| D.I. Khan | Miranshah * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Wana * | 015 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 381 | 77 | 0 | 0 | 9 | 0 | 0 | 71 | 68 |
| Quetta | Fort Sandeman * | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 386 | 75 | 0 | 0 | 9 | 0 | 0 | 63 | 70 |
| | Hindubagh * | 000 | 0 | 0 | 18 | 02 | 95 | 05 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 43 | 55 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 000 | 0 | 0 | 05 | 01 | 96 | 02 | 0 | 373 | 84 | 0 | 0 | 9 | 0 | 0 | 68 | 79 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 09 | 07 | 95 | 06 | 0 | 397 | 76 | 0 | 0 | 9 | 0 | 0 | 64 | 67 |
| | Chaman * | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 477 | 77 | 0 | 0 | 9 | 0 | 0 | 44 | 74 |
| | Nushki * | 000 | 0 | 0 | 31 | 06 | 95 | 06 | 0 | 436 | 85 | 0 | 0 | 9 | 0 | 0 | 31 | 77 |
| | Dalbandin * | 000 | 0 | 0 | 23 | 03 | 94 | 06 | 0 | 391 | 83 | 0 | 0 | 9 | 0 | 0 | 65 | 74 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 02 | 92 | 06 | 0 | 404 | 72 | 0 | 0 | 9 | 0 | 0 | 50 | 71 |
| | Khuzdar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Panjgur * | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 384 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 74 |

Departure from Normal of / Rainfall

| Divisions (1) | Stations (2) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — 1 | 78.4 | +24.7 | — | — |
| | Cox's Bazar | — | — 1 | 46.3 | + 1.9 | — | 140 |
| | Chittagong | — | — | — | — | — | 108 |
| | Maijdee Court | — | — | — | — | — | 115 |
| | Comilla | — | — | — | — | — | 94 |
| | Brahmanbaria | — | — | — | — | — | 78 |
| | Sylhet | — | — | 42.5 | — | — | — |
| | Srimangal | — | — | — | — | — | 98 |
| Dacca | Mymensingh | — | — 2 | 32.7 | + 3.9 | — | 91 |
| | Narayanganj | — | + 1 | 3.1 | —18.1 | — | 74 |
| | Dacca (Tejgaon) | — | — | 21.1 | — | — | — |
| | Faridpur | — | — 2 | — | — | — | 71 |
| Khulna | Barisal | — | — | — | — | — | 81 |
| | Khulna | — | — | 2.6 | — 19.8 | — | 68 |
| | Satkhira | — | — | 19.7 | — 2.8 | — | 65 |
| | Jessore | — 3 | — 2 | 6.9 | —13.4 | — | 65 |
| Rajshahi | Pabna | — | — | — | — | — | 59 |
| | Sirajganj | — | — | — | — | — | 64 |
| | Rajshahi | — | — | — | — | — | — |
| | Bogra | — | — 2 | 5.0 | —16.1 | — | 69 |
| | Dinajpur | — | — | — | — | — | 72 |
| | Rangpur | — | — 6 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 0 | + 1 | 6.3 | + 7.1 | 9.5 | 19 |
| | Sialkot | — 1 | — 1 | 11.8 | + 3.8 | 17.8 | 32 |
| Rawalpindi | Jhelum | — | — | 19.3 | + 12.0 | 19.6 | — |
| | Islamabad | — | — | — | — | — | — |
| | Rawalpindi | — 4 | 0 | 19.3 | +12.0 | 19.6 | 36 |
| | Campbellpur | | — | | | | |
| Sargodha | Khushab | — 2 | // | 5.0 | + 1.2 | 7.0 | 15 |
| | Sargodha | — | — | 3.2 | — | 7.2 | — |
| | Lyallpur | // | — 9 | 6.2 | + 3.1 | 9.5 | 12 |
| Multan | Sahiwal | | | — | | | 10 |
| | Multan | — 2 | + 1 | 1.8 | + 0.2 | 2.4 | 7 |
| | Leiah | — | — | — | — | — | |
| Bahawalpur | Khanpur | — | — | 0.2 | — 1.4 | 0.6 | 8 |
| | Bahawalpur | — | — | 0.0 | — 1.6 | 0.3 | 6 |
| | Fort Abbas | — | — | — | | — | 6 |
| Malakand | Chakdara | | — | 2.9 | — | 13.0 | 8 |
| Peshawar | Peshawar | — 3 | + 1 | 0.3 | — 0.8 | 8.8 | 11 |
| | Haripur | — | — | | | | — |
| D.I. Khan | Bannu | — | — | 0.6 | — | 3.0 | 11 |
| | D.I. Khan | — 2 | — 1 | | | | |
| Quetta | Sibi | — | — | | | | 9 |
| | Nokkundi | — | — | 0.0 | — | 0.2 | 5 |
| Kalat | Turbat | — | — | 0.0 | — | 0.0 | 2 |
| | Jiwani | — | — | 0.0 | — | 0.0 | — |
| | Pasni | — | — | — | | — | 5 |
| | Ormara | — | — | 0.0 | + 0.3 | 0.8 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | 6 |
| Karachi division | Karachi (Manora) | | + 1 | 0.0 | — | 0.0 | 8 |
| | Karachi (Airport) | — | — | 0.0 | — | 0.0 | 8 |
| Hyderabad | Nagarparker | — | — | — | — | — | — |
| | Chhor | — | — | 1.9 | — | 2.6 | 7 |
| | Hyderabad | + 2 | — 1 | 0.7 | — 1.6 | 0.7 | 9 |
| | Badin | — | — | 0.1 | — 3.6 | 0.1 | — |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | — | 1.3 | — | 1.3 | — |
| | Kashmore | — | — | — | | — | 4 |
| | Jacobabad | — 4 | 0 | 2.5 | + 1.5 | 2.6 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | HILL STATIONS | | | | | | — |
| Kashmir | Srinagar * | | | | | | 71 |
| | Gulmarg ** | | | | | | 26 |
| | Sonamarg ** | | | | | | 3 |
| | Dras ** | | | | | | 6 |
| | Leh ** | | | | | | — |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | 5 |
| | Aliabad * | | | | | | 59 |
| | Gilgit * | | | | | | 18 |
| Rawalpindi | Murree * | 0 | 0 | 21.0 | + 9.1 | 29.4 | 29 |
| Malakand | Drosh * | — | — 5 | 1.3 | — | 9.9 | — |
| Peshawar | Cherat * | — 4 | 0 | 12.1 | — | 20.0 | — |
| | Kakul * | — | — | 17.5 | — | 32.4 | 29 |
| | Landikotal * | — | — | 5.1 | — | 14.7 | 13 |
| | Parachinar * | — 7 | — 7 | 4.4 | — | 11.9 | 11 |
| D.I. Khan | Miranshah * | — | — | 0.6 | — 2.0 | 1.6 | 13 |
| | Wana * | — | — | 0.2 | — | 1.0 | — |
| Quetta | Fort Sandeman * | — 5 | — 4 | 5.1 | + 3.1 | 2.9 | 9 |
| | Hindubagh * | — | — | 0.4 | — | 2.0 | — |
| | Loralai * | — | — | — | — | — | 14 |
| | Barkhan * | — | — | — | — | — | 9 |
| | Harnai * | — | — | 0.0 | — 2.3 | 0.0 | 8 |
| | Samungli (Quetta) * | — 1 | — 1 | 0.4 | + 0.0 | 3.2 | — |
| | Chaman * | — 5 | — 1 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | — 6 | — 1 | 0.0 | — 0.0 | 0.7 | 7 |
| Kalat | Kalat * | — 5 | + 15 | 0.0 | — 0.1 | 0.4 | — |
| | Khuzdar * | — | — | 0.6 | — | 0.6 | 5 |
| | Panjgur * | — 4 | — 2 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

**WEDNESDAY THE 21st JULY, 1971.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0I_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA ... | 99 1 71 | 10 6 51 | 21 0 63 | 82 4 24 | 97 0 22 | 03 6 25 | 56 3 21 | .. | ... | ... | ... | ... | ... | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo) | 1000mb (hhh TTTa DD) | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 997 246 07 | 511 /// // | 401 170 00 | 028 021 3/ | 575 029 05 | 748 133 26 | 962 271 50 | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 995 272 14 | 543 /// // | 400 206 16 | 062 146 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 995 270 36 | 524 /// // | 400 244 69 | 079 134 65 | 580 081 // | 750 153 // | 963 253 // | 253 351 // | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 954 278 60 | 558 /// // | 260 256 60 | 052 132 57 | 578 061 // | 749 175 // | 962 294 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 974 270 30 | 545 /// // | 360 015 // | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed (PmPmPmdmdmfmfmfm) | TROPOPAUSE First ($P_tP_tP_tT_tT_tT_{at}$) | Transition ($d_td_tf_tf_tf_t$) | Second ($P_tP_tP_tT_tT_tT_t$) | Transition (dt dt ft ft ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 545 000 00 | 218 483 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 600 084 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 552 000 // | 232 383 // | ... | ... | ... | | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 843 601 // | 280 094 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

**At 1200 hrs. G.M.T. † of Previous day (ddfff)**

| Height in kms. a.s.l. → / STATION 1 | 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) |
|---|---|---|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 285 11 | 285 20 | 295 18 | 030 01 | 255 05 | 035 01 | 270 09 | 270 08 |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 155 11 | 180 11 | 175 15 | 150 45 | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 130 04 | 180 05 | ... | 145 08 | 150 07 | 210 03 | 290 20 | 285 20 | 270 22 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 335 06 | 315 06 | 305 07 | 300 10 | 350 09 | 300 06 | 285 11 | 275 19 | 275 27 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 250 19 | 260 14 | 270 16 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 305 04 | 310 04 | 310 04 | 300 04 | 285 04 | 320 07 | 350 09 | 330 12 | 330 14 |
| Multan ... | 245 03 | 255 04 | 260 07 | 280 08 | 275 07 | 015 03 | 325 04 | 290 11 | ... |
| Nawab Shah ... | 260 14 | 180 14 | 155 05 | 260 05 | 130 06 | 320 09 | 315 02 | ... | ... |
| Nokkundi ... | ... | ... | 345 19 | 330 14 | 301 02 | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 235 04 | 170 04 | 265 16 | 170 13 | 290 15 |
| Sargodha ... | 285 02 | 315 03 | 315 04 | 280 03 | 205 01 | 305 07 | 275 16 | 265 16 | 265 24 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

**At 0000 hrs. G.M.T. † of date (ddfff)**

| Height in kms. a.s.l. → / STATION 1 | 0.3 (11) | 0.6 (12) | 0.9 (13) | 1.5 (14) | 2.1 (15) | 3.0 (16) |
|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | 120 05 | 130 07 | 015 02 | 295 02 | 200 07 |
| Chaklala ... | 220 27 | 235 25 | 220 21 | 245 06 | 290 09 | 355 15 |
| Chhor ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | No | Ascent | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | 235 09 | 270 6 | 005 02 | 335 03 |
| Dalbandin ... | ... | ... | 200 08 | ... | ... | ... |
| D. I. Khan ... | 120 10 | 090 07 | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 150 02 | 205 09 | 245 14 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 185 20 | 195 21 | 215 15 | 190 5. | 210 03 | 275 08 |
| Jacobabad ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 105 07 | 110 12 | 110 05 | 180 02 | 150 04 | 205 02 |
| Jhelum ... | 215 21 | 235 07 | 215 05 | 340 04 | 315 10 | 330 14 |
| Jiwani ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 213 12 | 065 14 | 200 13 | 215 14 | 210 16 | 280 13 |
| Khanpur ... | ... | ... | ... | 255 06 | 275 19 | 310 17 |
| Khuzdar ... | 110 09 | 105 07 | 100 06 | 010 02 | 320 03 | 270 16 |
| Lahore ... | 160 07 | 220 15 | 240 19 | 220 13 | 150 06 | ... |
| Multan ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | 340 14 | 350 16 | 300 14 | 315 17 |
| Nokkundi ... | ... | ... | ... | 315 10 | 301 11 | 275 13 |
| Panjgur ... | ... | 3.0 03 | 055 03 | 180 02 | 180 03 | 175 05 |
| Peshawar ... | MIS- | E A | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 140 22 | 110 09 | 080 05 | 050 05 | 260 08 | 290 08 |
| Sargodha ... | ... | ... | ... | ... | 215 04 | 235 00 |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

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

| Height in kms. a.s.l. → / STATION 1 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | 230 03 | 250 06 | 200 03 | 230 03 | 006 03 | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 200 13 | 200 13 | 200 13 | 180 13 | 180 12 | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 135 03 | 135 05 | 170 04 | 230 03 | 295 06 | 295 03 | 285 04 | 205 11 | 215 51 | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 130 17 | 125 15 | 120 09 | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 265 06 | 275 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 240 06 | 245 06 | 245 06 | 260 03 | 215 05 | 270 03 | 240 09 | 250 13 | ... | ... | ... |
| Multan ... | 210 12 | 225 02 | 3/5 03 | 050 04 | 165 04 | 305 10 | 335 10 | 350 15 | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | 015 07 | 010 04 | 140 04 | 095 05 | 205 08 | 165 12 | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | /// // | 285 17 | 200 04 | 235 12 | 295 15 | 295 12 | 250 16 | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | 207 25 | ... | 345 01 | ... | 245 13 | ... | 235 15 | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l → / STATION 1 | 0.3 (2) | 0.6 (3) | 0.9 (4) | 1.5 (5) | 2.1 (6) | 3.0 (7) | 3.6 (8) | 4.5 (9) | 5.4 (10) | 6.0 (11) | 7.2 (12) | 9.0 (13) | 10.5 (14) | 12.0 (15) | 13.5 (16) | 14.1 (17) | 15.0 (18) | 16.2 (19) | 18.5 (20) | 20.5 (21) | 23'5 (22) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 260 14 | 270 21 | 260 17 | 275 15 | 295 15 | 315 13 | 330 10 | 355 14 | 360 11 | 360 08 | 090 07 | 205 04 | 135 06 | 090 05 | 055 11 | 090 05 | 010 10 | 120 10 | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C.

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

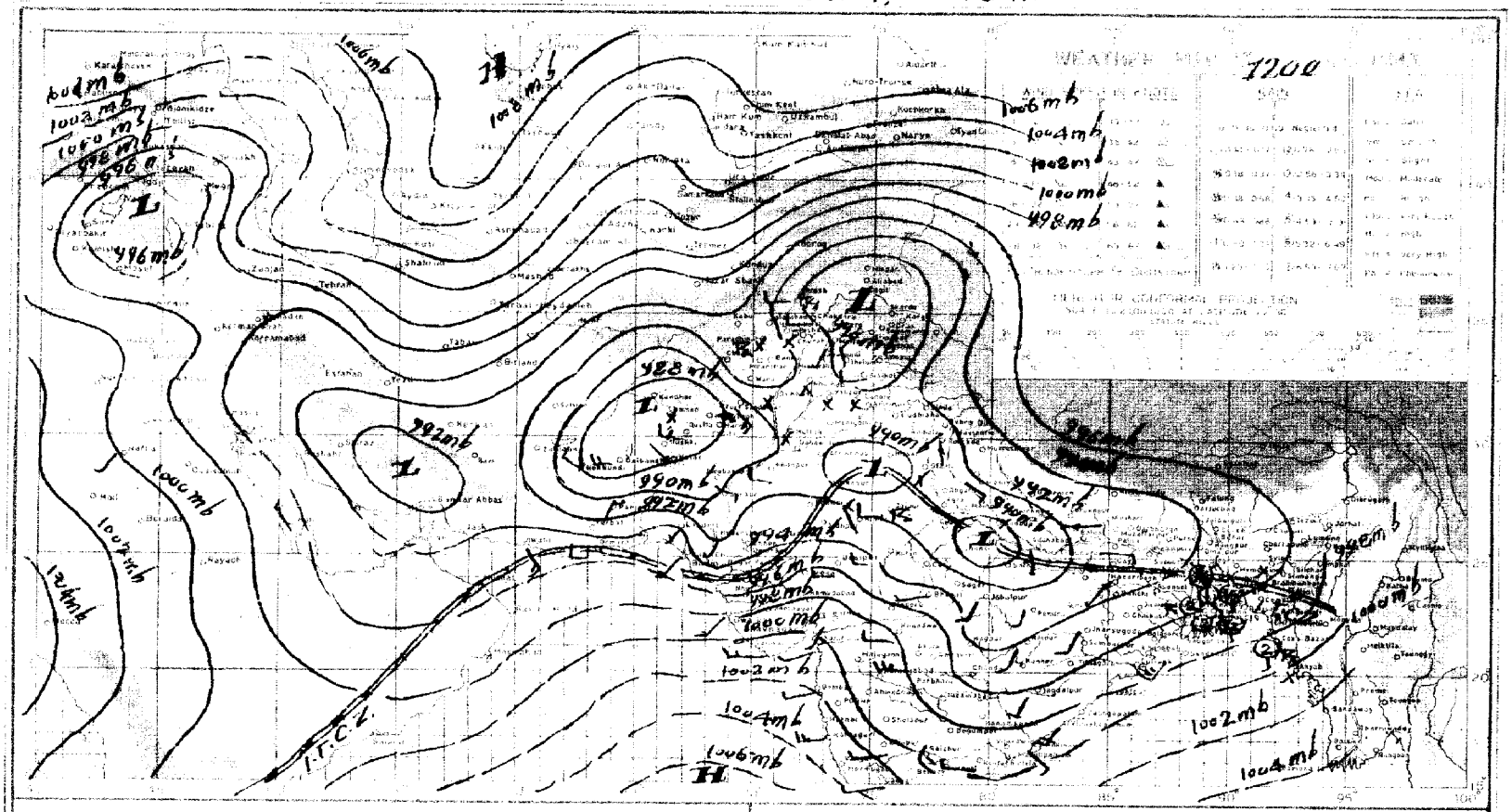
† The actual time of observations may vary within half an hour of the specified time.

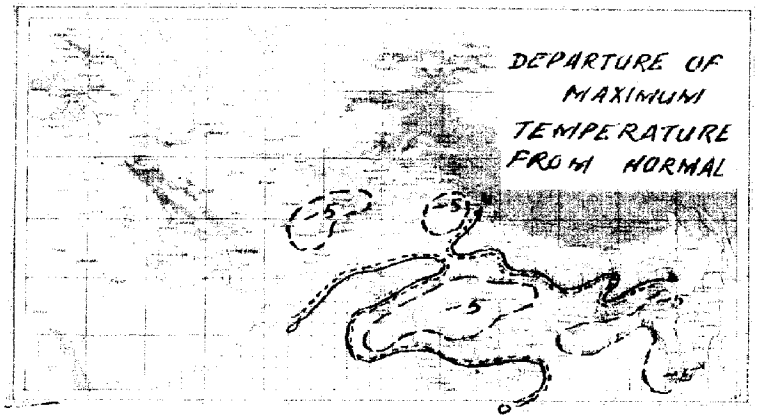
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

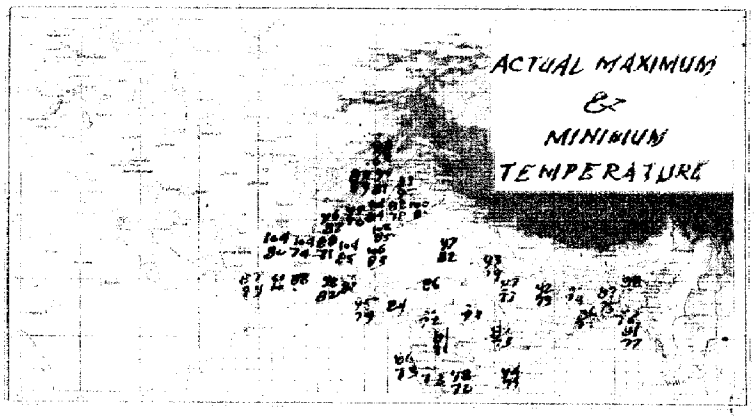
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

TUESDAY 20th JULY, 1971

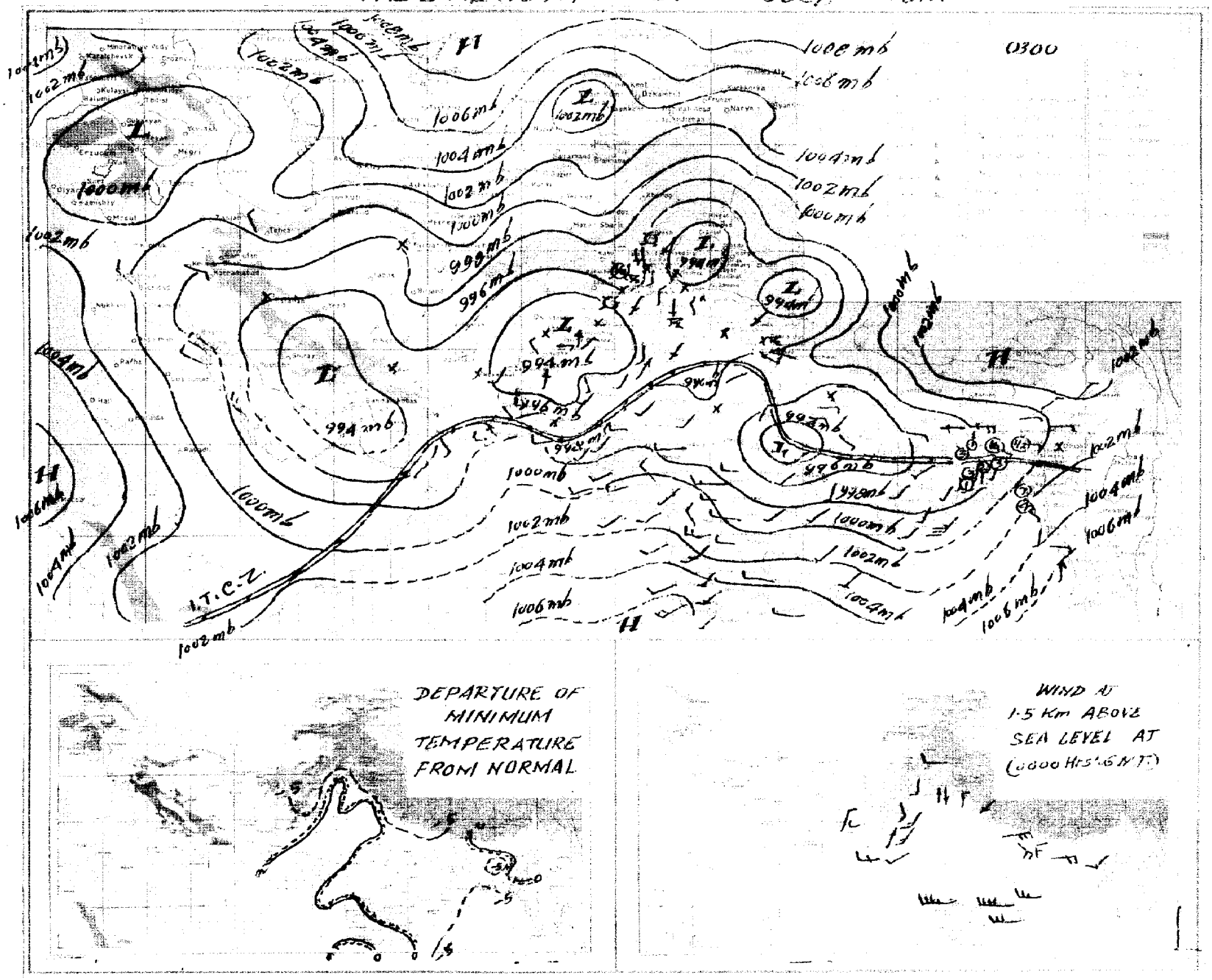


# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st JULY 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**THURSDAY THE 22nd JULY, 1971.**

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

Yesterday's well marked low over south Uttar Pradesh and adjoining areas persists.

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

Yesterday,s secondary western disturbance over Kashmir has moved away eastwards. The other secondary western disturbance over Afghanistan and adjoining areas of West Pakistan is moving away eastwards with its associated trough extending upto Lahore division.

Widespread rain/thundershowers have occured in Malakand division and local in Peshawar division. Isolated thunderstorms have been reported from D.I. Khan division.

Chief amounts of rainfall are Dacca (upto 1200 GMT) 4", Peshawar 2", Chittagong (upto 1200 GMT) 1½", Cox's Bazar (upto 1200 GMT) 1", Jessore (upto 1200-GMT) ¾", Srimangal, (upto 1200 GMT), Khulna (upto 1200 GMT), Cherat and Murree ½" each, Rangamati (upto 1200 GMT), Bogra (upto 1200 GMT) and Chakdara ¼" each.

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

**Forecast valid until the evening of the 23rd July, 1971** :—Rain/thundershowers will be fairly widespread in East Pakistan, local in Lahore, Sargodha and Rawalpindi divisions and Kashmir and scattered in Malakand, Peshawar, D. I. Khan and Multan divisions. Isolated light rain/drizzle are also likely over Karachi, Hyderabad and Khairpur divisions.

Karachi-32
The 22nd July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † GL (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 ... | 025 | 7 | 9 | 18 | 05 | 95 | 61 | 6 | 012 | 75 | 9 | / | 3 | / | / | 75 | 88 |
| | Cox's Bazar ... | 598 | 9 | 8 | 18 | 07 | 96 | 61 | 9 | 009 | 75 | 7 | 9 | 3 | 2 | 0 | 75 | 75 |
| | Chittagong ... | 153 | 9 | 8 | 13 | 09 | 96 | 60 | 6 | 992 | 75 | 7 | 7 | 3 | 2 | / | 75 | 79 |
| | Maijdee Court ... | | | | | | | | | | | | | | | | | |
| | Comilla ... | | | | | | | | | | | | | | | | | |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | | | | | | | | | | | | | | | | | |
| | Srimangal ... | 045 | 9 | 8 | 13 | 09 | 96 | 02 | 9 | 954 | 80 | / | / | / | / | / | 41 | 83 |
| Dacca | Mymensingh ... | 000 | 0 | 6 | 00 | 00 | 97 | 02 | 2 | 959 | 84 | 6 | 5 | 4 | 0 | 0 | 79 | 81 |
| | Narayanganj ... | 005 | 3 | 8 | 20 | 02 | 97 | /2 | 6 | 953 | 83 | 5 | 6 | 5 | 1 | 0 | 77 | 83 |
| | Dacca (Tejgaon) ... | 351 | 9 | / | 18 | 02 | 96 | 61 | 6 | 957 | 79 | 6 | 9 | 3 | 7 | / | 79 | 83 |
| | Faridpur ... | | | | | | | | | | | | | | | | | |
| Khulna | Barisal ... | | | | | | | | | | | | | | | | | |
| | Khulna ... | 049 | 3 | 7 | 00 | 00 | 97 | 02 | 0 | 957 | 79 | 3 | 4 | 4 | 0 | 0 | 79 | 79 |
| | Satkhira ... | 040 | 2 | 8 | 23 | 05 | 97 | // | 7 | /// | 79 | 4 | 7 | 9 | 0 | 0 | // | // |
| | Jessore ... | 081 | 8 | 8 | 18 | 07 | 96 | 51 | 6 | 952 | 79 | 6 | 7 | 4 | 2 | 0 | 77 | 79 |
| Rajshahi | Pabna ... | | | | | | | | | | | | | | | | | |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | 011 | 1 | 8 | 18 | /2 | 96 | 02 | 6 | 945 | 81 | 2 | 4 | 3 | 0 | 0 | 2/ | 83 |
| | Bogra ... | 020 | 5 | / | C9 | 03 | 96 | 02 | 6 | 941 | 81 | 4 | 5 | 4 | 4 | 0 | 77 | 83 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | 000 | 0 | 3 | 13 | 02 | 96 | 01 | 1 | 960 | 85 | 3 | 0 | 9 | 1 | 0 | 80 | 92 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 2 | 05 | 03 | 96 | 05 | 0 | 910 | 00 | 2 | 2 | 7 | 0 | 0 | 74 | 85 |
| | Sialkot ... | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 919 | 99 | 0 | 0 | 9 | 0 | 0 | 71 | 99 |
| Rawalpindi | Jhelum ... | 000 | 0 | 0 | 13 | 02 | 97 | 01 | 0 | 910 | 99 | / | 0 | 9 | 0 | 0 | 71 | // |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 000 | 0 | 1 | 00 | 00 | 97 | 09 | 1 | 907 | 96 | 1 | 1 | 6 | 0 | 0 | 61 | 97 |
| | Campbellpur ... | 000 | 0 | 6 | 13 | 00 | 97 | 00 | 0 | /// | 95 | 9 | 3 | 9 | / | / | // | 99 |
| Sargodha | Khushab ... | 000 | 0 | 0 | 23 | 03 | 97 | /0 | 6 | 911 | 00 | 0 | 0 | 9 | 0 | 0 | 74 | 01 |
| | Sargodha ... | 000 | 0 | 3 | 27 | 03 | 57 | 03 | 0 | 912 | 00 | 3 | 0 | 9 | 3 | 0 | 78 | 02 |
| | Lyallpur ... | 000 | 0 | 5 | 36 | 02 | 97 | 02 | 1 | 926 | 97 | 5 | 4 | 9 | / | 0 | 68 | 04 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 0 | 23 | 03 | 96 | 05 | 0 | 911 | 02 | 0 | 0 | 9 | 0 | 0 | 72 | 03 |
| | Leiah ... | 000 | 0 | 5 | 36 | 02 | 95 | 51 | 2 | 923 | 02 | 0 | 5 | 7 | 0 | 0 | 71 | 02 |
| Bahawalpur | Khanpur ... | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 909 | 02 | 0 | 0 | 9 | 0 | 0 | 65 | 06 |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 56 | 00 | 0 | 907 | 04 | 0 | 0 | 9 | 0 | 0 | 80 | 05 |
| | Fort Abbas ... | | | | | | | | | | | | | | | | | |
| Malakand | Chakdara ... | 049 | 9 | 8 | 00 | 00 | 56 | 21 | 6 | 972 | 79 | 6 | 7 | 3 | 2 | / | 77 | 79 |
| Peshawar | Peshawar ... | 016 | 0 | 8 | 27 | 38 | 93 | 98 | 1 | 932 | 89 | 7 | 9 | 6 | 2 | / | 60 | 00 |
| | Haripur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan | Bannu ... | 000 | 0 | 6 | 16 | 02 | 98 | 20 | 9 | 926 | 92 | 2 | 2 | 7 | 0 | 0 | 58 | 99 |
| | D. I. Khan ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 907 | 02 | 0 | 0 | 9 | 0 | 8 | 75 | 02 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 003 | 0 | 0 | 31 | 12 | 95 | 05 | 0 | 894 | 04 | 0 | 0 | 9 | 0 | 0 | 04 | 04 |
| Kalat | Turbat ... | | | | | | | | | | | | | | | | | |
| | Jiwani ... | 000 | 0 | 2 | 18 | 10 | 96 | 01 | 1 | 948 | 64 | 2 | 6 | 5 | 0 | 0 | 75 | 82 |
| | Pasni ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Ormara ... | 000 | 0 | 0 | 27 | /3 | 90 | 00 | 0 | 992 | 03 | 0 | 0 | 9 | 0 | 0 | 67 | 03 |
| | Lasbela ... | 000 | 0 | 0 | 23 | 03 | 98 | 00 | 0 | 939 | 04 | 0 | 0 | 8 | 0 | 0 | 78 | 05 |
| Karachi division | Karachi (Manora) ... | | | | | | | | | | | | | | | | | |
| | Karachi (Airport) ... | 000 | 0 | 5 | 23 | 12 | 96 | 03 | 2 | 956 | 87 | 5 | 6 | 5 | 0 | 0 | 73 | 91 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad ... | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 1 | 937 | 95 | 0 | 0 | 9 | 0 | 0 | 73 | 05 |
| | Badin ... | 000 | 0 | 4 | 23 | 10 | 97 | 02 | 1 | 957 | 92 | 4 | 4 | 6 | 0 | 0 | 72 | 95 |
| Khairpur | Padidan ... | 000 | 0 | 3 | 18 | 05 | 96 | 03 | 1 | 913 | 05 | / | 0 | 9 | 0 | 4 | 69 | 08 |
| | Nawabshah ... | 000 | 0 | 0 | 18 | /9 | 96 | 05 | 6 | 921 | 04 | 0 | 0 | 9 | 0 | 0 | 72 | 06 |
| | Sukkur ... | 000 | 0 | 0 | 23 | 03 | 56 | 02 | 0 | 911 | 08 | 0 | 0 | 9 | 0 | 0 | 76 | 09 |
| | Kashmore ... | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | 94/ | 03 | 0 | 0 | 9 | 0 | 0 | 71 | C4 |
| | Jacobabad ... | 000 | 0 | 0 | 13 | 07 | 96 | 05 | 0 | 904 | 05 | 0 | 0 | 9 | 0 | 0 | 67 | 05 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 000 | 0 | 5 | 31 | 05 | 97 | 02 | 1 | /// | 74 | 3 | 1 | 4 | 4 | 0 | 65 | 75 |
| Malakand | Drosh * ... | 000 | 6 | 8 | 23 | 03 | 97 | 02 | 9 | 406 | 81 | 5 | 5 | 7 | 2 | / | 42 | 90 |
| Peshawar | Cherat * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Kakul * ... | 000 | 0 | 2 | 23 | 05 | 97 | 01 | 1 | 385 | 84 | 1 | 2 | 6 | 3 | 0 | // | 86 |
| | Landikotal * ... | 000 | 8 | 7 | 18 | 15 | 97 | 03 | 1 | 405 | 82 | 7 | 9 | 7 | 0 | 0 | 41 | // |
| | Parachinar * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * ... | 000 | 0 | 8 | /5 | 05 | 99 | 00 | 1 | 383 | 94 | 8 | / | 9 | 0 | 1 | 75 | 95 |
| | Wana * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta | Fort Sandeman * ... | 000 | 0 | 5 | 05 | 12 | 96 | 05 | 1 | 357 | 89 | 4 | 4 | 7 | 1 | 1 | 53 | // |
| | Hindubagh * ... | 000 | 0 | 0 | 27 | 09 | 95 | 05 | 0 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 49 | 93 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 20 | 01 | 96 | 02 | 0 | 379 | 92 | 0 | 2 | 9 | 0 | 0 | 69 | 98 |
| | Samungli (Quetta) * ... | 000 | 0 | 1 | 31 | 07 | 97 | 02 | 0 | 379 | 92 | 1 | 1 | 6 | 0 | 0 | 32 | 94 |
| | Chaman * ... | 000 | 0 | 0 | 27 | /3 | 97 | 00 | 0 | 443 | 94 | 0 | 0 | 9 | 0 | 0 | 46 | 95 |
| | Nushki * ... | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 418 | 02 | / | 0 | 9 | 0 | 0 | 46 | 03 |
| | Dalbandin * ... | 000 | 0 | 0 | 23 | 16 | 97 | 07 | 0 | 388 | 02 | 0 | 0 | 9 | 0 | 0 | 52 | 04 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 18 | 00 | 94 | 00 | 2 | 347 | 98 | 0 | 0 | 9 | 0 | 0 | 67 | 90 |
| | Khuzdar * ... | 000 | 0 | 1 | 18 | 03 | 96 | 05 | 0 | 397 | 97 | 1 | / | 7 | 0 | 0 | 34 | 98 |
| | Panjgur * ... | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 306 | 01 | 0 | 0 | 9 | 0 | 0 | 37 | 03 |

### 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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Maijdee Court | | | | | | | | | | | | | | | | | |
| Comilla | | | | | | | | | | | | | | | | | |
| Brahmanbaria | | | | | | | | | | | | | | | | | |
| Sylhet | | | | | | | | | | | | | | | | | |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Mymensingh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Faridpur | | | | | | | | | | | | | | | | | |
| Barisal | | | | | | | | | | | | | | | | | |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pabna | | | | | | | | | | | | | | | | | |
| Sirajganj | | | | | | | | | | | | | | | | | |
| Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dinajpur | | | | | | | | | | | | | | | | | |
| Rangpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jammu | | | | | | | | | | | | | | | | | |
| Lahore (Jail Rd.) | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 940 | // | 0 | 0 | 9 | 0 | 0 | 75 | 83 |
| Sialkot | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 0 | 951 | 89 | 0 | 0 | 9 | 0 | 0 | 51 | 79 |
| Jhelum | 000 | 0 | 0 | 27 | 02 | 95 | 02 | 0 | 949 | 84 | 0 | 0 | 9 | 0 | 0 | 67 | 76 |
| Islamabad | | | | | | | | | | | | | | | | | |
| Rawalpindi | 000 | 0 | 0 | 27 | 03 | 96 | 06 | 0 | 959 | 77 | 0 | 0 | 9 | 0 | 0 | 68 | 67 |
| Campbellpur | 000 | 0 | 0 | 05 | // | 57 | 00 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 80 | 76 |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 950 | 87 | 0 | 0 | 9 | 0 | 0 | 72 | // |
| Sargodha | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lyallpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 950 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 80 |
| Sahiwal | | | | | | | | | | | | | | | | | |
| Multan | 000 | 0 | 0 | 23 | 03 | 96 | 05 | 0 | 942 | 88 | 0 | 8 | 9 | 0 | 0 | 77 | 85 |
| Leiah | 000 | 0 | 0 | 36 | 02 | 56 | 00 | 0 | 933 | 89 | 0 | 0 | 9 | 0 | 0 | 75 | 80 |
| Khanpur | 000 | 0 | 0 | 23 | 07 | 96 | 02 | 0 | 953 | 84 | 0 | 0 | 9 | 0 | 0 | 74 | 82 |
| Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 964 | 89 | 0 | 0 | 9 | 0 | 0 | 69 | 96 |
| Fort Abbas | | | | | | | | | | | | | | | | | |
| Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar | 202 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 558 | // | 0 | 0 | 9 | 0 | 0 | 78 | 71 |
| Haripur | 060 | 0 | 0 | 31 | 05 | 98 | 00 | 0 | 411 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | 62 |
| Bannu | 000 | 0 | 4 | 00 | 00 | 98 | 02 | 2 | 977 | 78 | 0 | 0 | 9 | 0 | 7 | 71 | 77 |
| D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 551 | 68 | 0 | 0 | 9 | 0 | 0 | 73 | 83 |
| Sibi | | | | | | | | | | | | | | | | | |
| Nokkundi | 000 | 0 | 0 | 31 | 09 | 95 | 05 | 4 | 935 | 91 | 0 | 0 | 9 | 0 | 0 | 51 | 81 |
| Turbat | | | | | | | | | | | | | | | | | |
| Jiwani | 000 | 0 | 7 | 13 | 05 | 96 | 03 | 1 | 978 | 82 | 7 | 6 | 5 | 0 | 0 | 72 | 79 |
| Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 0 | 0 | 0 | 67 | // |
| Ormara | 000 | 0 | 6 | 00 | 00 | 96 | 02 | 2 | 974 | 63 | 6 | 6 | 6 | 0 | 0 | 77 | // |
| Lasbela | /// | 0 | 4 | 00 | 00 | 98 | 00 | 0 | 977 | 83 | 0 | 0 | 8 | 0 | 0 | 77 | 81 |
| Karachi (Manora) | | | | | | | | | | | | | | | | | |
| Karachi (Airport) | 000 | 0 | 7 | 27 | 10 | 96 | 03 | 5 | 989 | 63 | 7 | 6 | 5 | 0 | 0 | 77 | 81 |
| Nagarparker | | | | | | | | | | | | | | | | | |
| Chhor | 000 | 0 | 0 | 23 | 15 | 96 | 02 | 0 | 964 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 79 |
| Hyderabad | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | 966 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 81 |
| Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Padidan | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 945 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 81 |
| Nawabshah | 000 | 0 | 0 | 18 | 09 | 96 | 02 | 0 | 952 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 65 |
| Sukkur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad | 000 | 0 | 0 | 13 | 09 | 96 | 05 | 0 | 943 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 83 |
| Veraval | | | | | | | | | | | | | | | | | |
| HILL STATIONS | | | | | | | | | | | | | | | | | |
| Srinagar | | | | | | | | | | | | | | | | | |
| Gulmarg | | | | | | | | | | | | | | | | | |
| Sonamarg | | | | | | | | | | | | | | | | | |
| Dras | | | | | | | | | | | | | | | | | |
| Leh | | | | | | | | | | | | | | | | | |
| Skardu | | | | | | | | | | | | | | | | | |
| Misgar | | | | | | | | | | | | | | | | | |
| Aliabad | | | | | | | | | | | | | | | | | |
| Gilgit | | | | | | | | | | | | | | | | | |
| Murree | 049 | 9 | 0 | 05 | 05 | 98 | 00 | 9 | 396 | 70 | 0 | 0 | 9 | 0 | 0 | 50 | 55 |
| Drosh | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 398 | 69 | 0 | 0 | 9 | 0 | 0 | 52 | 67 |
| Cherat | 060 | 0 | 0 | 36 | 05 | 98 | 00 | 0 | 411 | 75 | 0 | 0 | 9 | 0 | 0 | 52 | 62 |
| Kakul | 000 | 0 | 0 | 29 | 02 | 96 | 02 | 0 | 401 | 73 | 0 | 0 | 9 | 0 | 0 | 57 | 69 |
| Landikotal | 000 | 0 | 4 | 36 | 02 | 96 | 03 | 2 | 411 | 80 | 4 | 0 | / | 2 | 0 | 65 | 74 |
| Parachinar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 409 | 71 | 0 | 0 | 9 | 0 | 0 | 54 | 64 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 397 | 80 | 0 | 0 | 9 | 0 | 0 | 73 | 72 |
| Wana | 000 | 0 | 0 | 00 | 00 | 58 | 00 | 0 | 372 | 79 | 0 | 0 | 9 | 0 | 0 | 73 | 70 |
| Fort Sandeman | 000 | 0 | 0 | 00 | 00 | 96 | 09 | 0 | 392 | // | 0 | 0 | 9 | 0 | 0 | 60 | 72 |
| Hindubagh | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 372 | 86 | 0 | 0 | 9 | 0 | 0 | 72 | 81 |
| Loralai | | | | | | | | | | | | | | | | | |
| Barkhan | | | | | | | | | | | | | | | | | |
| Harnai | 000 | 0 | 0 | 25 | 02 | 95 | 05 | 0 | /// | 77 | 0 | 0 | 9 | 0 | 0 | 44 | 61 |
| Samungli (Quetta) | 000 | 0 | 0 | 13 | 07 | 96 | 06 | 0 | 395 | 77 | 0 | 0 | 9 | 0 | 0 | 64 | 70 |
| Chaman | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 477 | 77 | 0 | 0 | 9 | 0 | 0 | 44 | 75 |
| Nushki | 000 | 0 | 0 | 39 | 07 | 94 | 06 | 0 | 437 | 86 | 0 | 0 | 9 | 0 | 0 | 32 | 81 |
| Dalbandin | 000 | 0 | 0 | 23 | 03 | 95 | 06 | 0 | 392 | 85 | 0 | 0 | 9 | 0 | 0 | 13 | 75 |
| Kalat | 000 | 0 | 0 | 23 | 00 | 93 | 00 | 0 | 391 | 72 | 0 | 0 | 9 | 0 | 0 | 63 | 71 |
| Khuzdar | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 376 | 78 | 0 | 0 | 9 | 0 | 0 | 66 | 76 |
| Panjgur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

### Departure from Normal of / Rainfall

| STATIONS (2) | Maximum temperature TxTx (37) | Minimum temperature TnTn (38) | Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|
| Rangamati | — | — | — | — | — | — |
| Cox's Bazar | — 10 | — | 78.4 | +24.7 | — | 140 |
| Chittagong | — 7 | — | 46.8 | + 1.9 | — | 108 |
| Maijdee Court | | — | 30.4 | — 3.9 | — | 115 |
| Comilla | | — | 22.1 | — 6.0 | — | 94 |
| Brahmanbaria | | — | — | — | — | 78 |
| Sylhet | | — | 42.5 | — | — | — |
| Srimangal | | — | — | — | — | 98 |
| Mymensingh | — 7 | — | 32.7 | + 3.9 | — | 91 |
| Narayanganj | — 5 | — | 3.1 | —18.1 | — | 74 |
| Dacca (Tejgaon) | — | — | 21.1 | — | — | — |
| Faridpur | | — | 1.8 | — | — | 71 |
| Barisal | | — | 25.9 | — 1.4 | — | 81 |
| Khulna | — | — | 2.6 | — 9.8 | — | 68 |
| Satkhira | | — | 19.7 | — 2.8 | — | 65 |
| Jessore | — 10 | — | 6.8 | —13.3 | — | 65 |
| Pabna | | — | — | — | — | 59 |
| Sirajganj | | — | — | — | — | 64 |
| Rajshahi | — | — | — | — | — | — |
| Bogra | — 6 | — | 5.0 | —16.1 | — | 69 |
| Dinajpur | | — | — | — | — | 72 |
| Rangpur | + 2 | | 23.7 | — 5.9 | — | 84 |
| Jammu | | | | | | — |
| Lahore (Jail Rd.) | — 15 | + 3 | 6.3 | + 0.9 | 9.5 | 19 |
| Sialkot | + 2 | 0 | 11.8 | + 3.6 | 17.8 | 32 |
| Jhelum | — | — | 7.0 | — | 11.7 | — |
| Islamabad | — | — | — | — | — | — |
| Rawalpindi | 0 | — 10 | 19.4 | +11.0 | 19.7 | 36 |
| Campbellpur | — | — | — | — | — | — |
| Khushab | — 1 | — | 5.0 | + 1.1 | 7.0 | 15 |
| Sargodha | — | — | 3.1 | — | 7.2 | — |
| Lyallpur | + 3 | — 2 | 6.2 | + 3.0 | 9.4 | 12 |
| Sahiwal | — | | — | — | — | 10 |
| Multan | — 1 | + 1 | 1.8 | + 0.2 | 2.4 | 7 |
| Leiah | — | — | — | — | — | 8 |
| Khanpur | — | — | 0.2 | — 1.6 | 0.6 | 6 |
| Bahawalpur | — | — | 0.0 | — 1.7 | 0.3 | 6 |
| Fort Abbas | | | — | — | — | 8 |
| Chakdara | — | — | 2.9 | — | 13.0 | — |
| Peshawar | — 1 | — 9 | 2.3 | — 1.2 | 10.8 | 11 |
| Haripur | — | — | 12.1 | — | 20.0 | — |
| Bannu | — | — | 0.6 | — | 3.0 | 11 |
| D. I. Khan | — 1 | 0 | 0.5 | — 1.5 | 3.3 | |
| Sibi | — | | 0.0 | — | 0.0 | 9 |
| Nokkundi | — | — | 0.0 | — | 0.0 | 5 |
| Turbat | — | | 0.0 | — | 0.0 | 2 |
| Jiwani | — | — | 0.0 | — | 1.5 | — |
| Pasni | — | — 10 | 0.0 | — 0.5 | 0.0 | 5 |
| Ormara | — | — | 0.8 | + 0.3 | 0.8 | 6 |
| Lasbela | — | — | 0.0 | — | 0.0 | 6 |
| Karachi (Manora) | | | 0.0 | — | 0.2 | 8 |
| Karachi (Airport) | — | — | 0.0 | — | 0.2 | 8 |
| Nagarparker | | | 0.0 | — | 0.0 | — |
| Chhor | — | — | 1.9 | — | 2.6 | 7 |
| Hyderabad | + 7 | 0 | 0.7 | — 1.7 | 0.7 | 9 |
| Badin | — | — | 0.1 | — 3.1 | 0.1 | |
| Padidan | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | — | — | 1.3 | — | 1.3 | — |
| Kashmore | — | — | 0.0 | — | 0.0 | 4 |
| Jacobabad | — 3 | — 1 | 2.5 | + 1.5 | 2.6 | |
| Veraval | | | | | | 20 |
| HILL STATIONS | | | | | | 26 |
| Srinagar | | | | | | — |
| Gulmarg | | | | | | 71 |
| Sonamarg | | | | | | 26 |
| Dras | | | | | | 3 |
| Leh | | | | | | 6 |
| Skardu | | | | | | — |
| Misgar | | | | | | — |
| Aliabad | | | | | | 5 |
| Gilgit | | | | | | 59 18 |
| Murree | — 1 | — 7 | 21.4 | + 9.1 | 29.9 | 29 |
| Drosh | — 7 | — 6 | 1.3 | — | 9.8 | — |
| Cherat | — | — 9 | 3.9 | — 0.2 | 3.5 | — |
| Kakul | — | — | 17.5 | — | 32.4 | 29 |
| Landikotal | | — | 5.1 | — | 14.7 | 13 |
| Parachinar | — | — 2 | 4.4 | — | 11.9 | 11 |
| Miranshah | — | — | 0.0 | — 2.0 | 1.6 | 13 |
| Wana | — | — | 0.2 | — | 0.9 | — |
| Fort Sandeman | — | — 2 | 5.1 | + 3.1 | 2.9 | 9 |
| Hindubagh | — | — | 0.3 | — | 2.1 | — |
| Loralai | — | — | — | — | — | 14 |
| Barkhan | — | — | 0.1 | — | 0.0 | 9 |
| Harnai | — | — | 0.0 | — 2.4 | 0.0 | 8 |
| Samungli (Quetta) | + 1 | + 2 | 0.4 | — | 3.2 | — |
| Chaman | — 6 | 0 | 0.0 | — 0.1 | 1.3 | — |
| Nushki | — | — | — | — | 1.1 | 4 |
| Dalbandin | — 5 | 0 | 0.0 | — | 0.7 | 7 |
| Kalat | — 3 | + 7 | 0.0 | — 0.6 | 0.4 | — |
| Khuzdar | — | — | 0.6 | — | 0.7 | 5 |
| Panjgur | 0 | | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 22nd JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV $_{w\ w}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC_hh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{w'}T_{w'}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh T1Ta DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 994 270 42 | ... | 400 256 68 | 078 146 65 | 581 067 / / | 753 123 | 968 255 / / | | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 956 232 50 | ... | 370 206 / / | 039 130 | 577 061 | 749 149 | 953 237 / / | 250 399 | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 975 284 30 | ... | 370 180 57 | / / 054 63 | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_{at}$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | At 0000 hrs. G.M.T. † of date (ddff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (ddff) 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 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 255 02 | 180 02 | 195 03 | 180 03 | 255 03 | 190 11 | 260 23 | 235 29 | ... | ... | ... | ... | ... | ... | ... | 275 01 | 215 02 | 335 03 | 325 09 | 310 07 | 315 10 | ... | 235 18 | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 33 | 230 35 | 230 03 | 245 35 | 250 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | No | Ascent | Due to | R in | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 01 | ... | 010 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 035 08 | 040 03 | 060 05 | 090 03 | 130 02 | 170 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 215 05 | 320 01 | 060 03 | ... | ... | ... | ... | ... | ... | 150 00 | 245 02 | 020 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 01 | 255 20 | 220 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 150 01 | 185 03 | 015 02 | 210 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 13/ 09 | 155 09 | 155 13 | 195 11 | 255 07 | 280 06 | 260 / / | 255 16 | ... | 185 18 | 190 11 | 120 07 | 135 07 | 185 06 | 240 12 | 190 07 | 185 05 | 175 04 | 180 06 | 260 05 | 310 07 | 320 16 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 130 03 | 130 04 | 135 04 | 115 05 | 105 07 | 095 08 | 105 08 | 010 09 | 015 12 | 320 08 | 305 08 | 280 04 | 070 06 | 081 7 | 285 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 240 17 | 240 22 | 250 15 | ... | 255 15 | ... | ... | ... | ... | 160 13 | 155 15 | 125 18 | 270 01 | 320 22 | 024 14 | 115 10 | 110 09 | 180 03 | 310 08 | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 205 11 | 210 12 | 205 12 | 220 12 | 240 12 | 250 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 07 | 280 11 | 280 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 030 08 | 025 08 | 020 06 | 020 06 | ... | 220 02 | ... | ... | ... | 080 08 | 075 12 | 080 12 | 120 08 | 220 05 | 305 10 | 006 07 | 020 04 | 030 03 | 170 04 | 125 04 | 100 04 | ... | ... | ... | ... | ... |
| Lahore ... | 220 16 | 210 17 | 210 12 | 205 12 | 210 16 | 210 12 | 215 04 | ... | ... | 255 14 | 245 15 | 215 23 | 240 23 | 215 21 | ... | 320 03 | 025 04 | 015 05 | 350 06 | ... | 285 04 | ... | ... | ... | ... | ... |
| Multan ... | 170 15 | 160 13 | 195 09 | ... | 050 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 08 | 255 06 | 290 03 | 290 02 | 280 08 | 300 08 | 305 03 | 330 14 | 275 12 | ... | ... |
| N.wab Shah ... | ... | ... | 315 11 | 340 08 | 330 13 | 305 25 | 305 03 | ... | 300 31 | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | 300 05 | 290 04 | 175 02 | 335 03 | ... | ... | ... | ... | ... | 330 01 | 320 01 | 345 05 | 250 06 | 260 06 | ... | 095 02 | 340 04 | 315 09 | 325 06 | 295 10 | 280 15 | 270 17 | 270 12 | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 255 05 | 360 01 | 285 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | /// / | 250 25 | 215 03 | 275 13 | 175 13 | 250 15 | ... | ... | ... | 240 10 | 260 08 | 275 20 | ... | ... | ... | 740 10 | 260 08 | 275 20 | 260 15 | ... | ... | ... | ... |
| Quetta ... | 155 03 | 130 03 | 115 01 | 215 05 | 220 08 | 225 03 | 295 16 | 285 20 | 260 23 | 085 02 | 085 05 | 085 06 | 035 07 | 345 09 | 090 14 | 050 03 | 125 03 | 140 02 | 045 03 | 330 88 | 305 10 | 290 11 | 285 15 | 260 13 | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Varsval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23·5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ! | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Iliii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

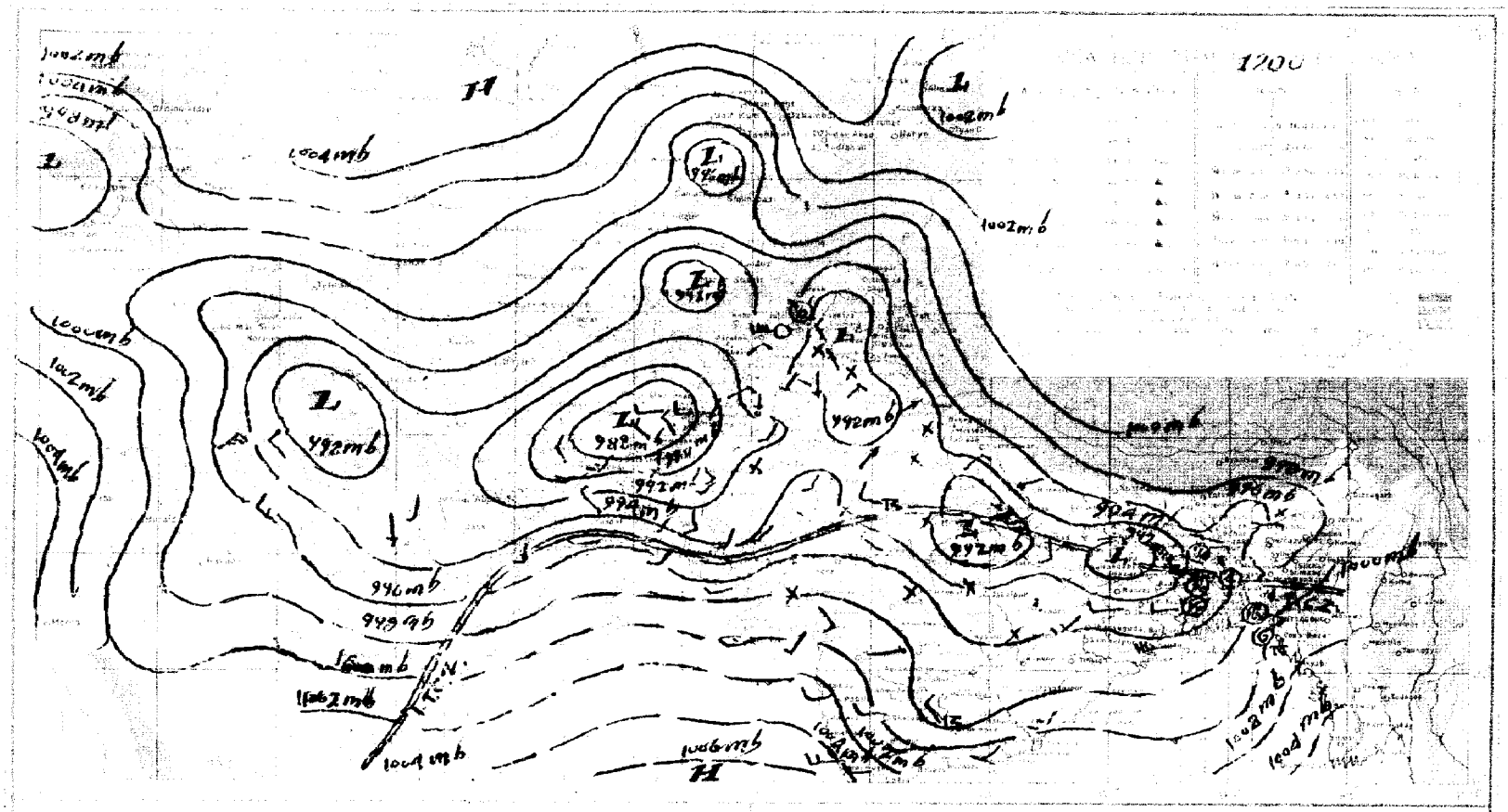
† The actual time of observations may vary within h lf an hour of the specified time.

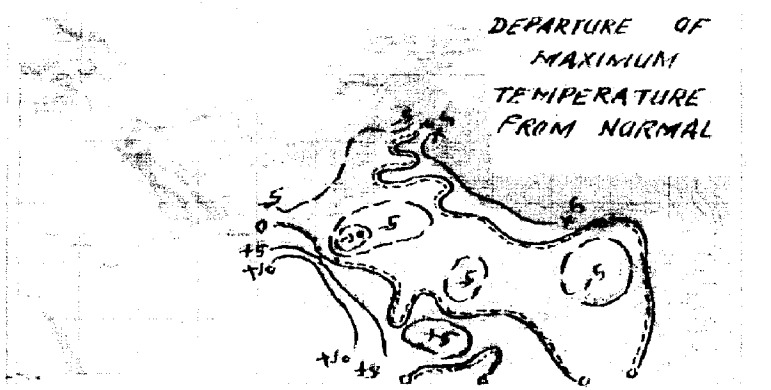
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through Eas· The next three figures give the wind speed "ff" in knots or in knots increased by 500.

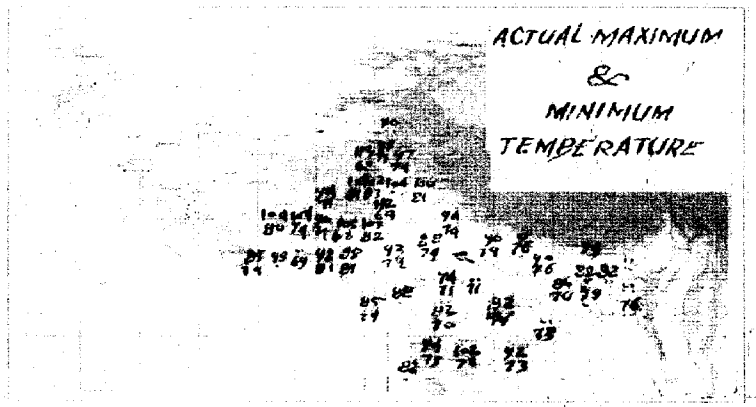
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 21st JULY, 197

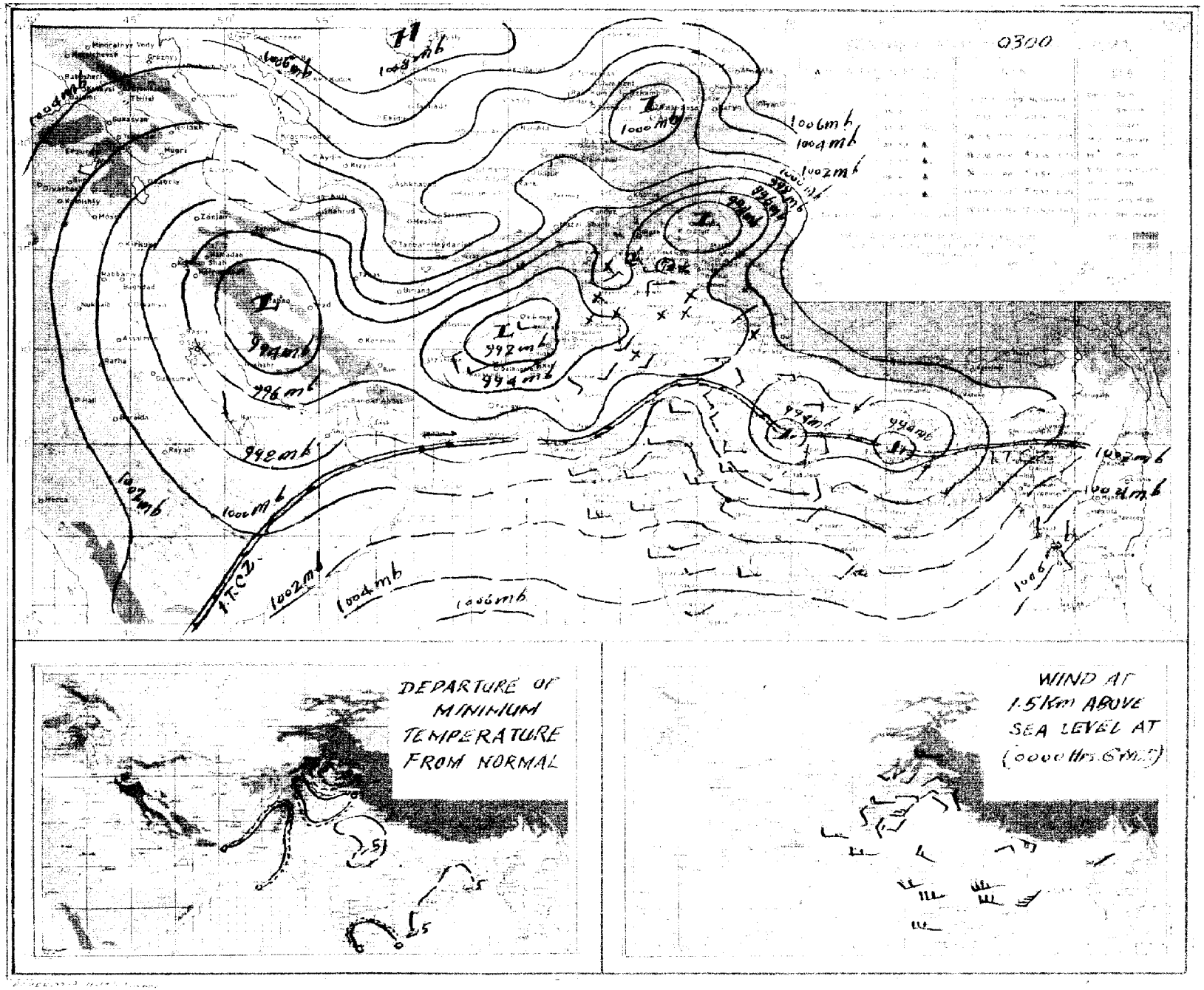


# PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**FRIDAY THE 23rd JULY, 1971.**

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

Yesterday's well marked low over southwest Uttar Pradesh and adjoining areas persists. Fairly widespread rain has fallen in East Pakistan.

Yesterday,s secondary western disturbance over northern areas of West Pakistan and its associated trough have moved away eastwards.

Axis of the monsoon trough runs from Multan division to Assam.

Scattered thunderstorms have been reported from Peshawar division.

Chief amounts of rainfall are Satkhira 2", Chittagong, Narayanganj and Jessore 1½" each, Comilla, Sylhet, Dacca and Khulna 1" each, Rangamati ¾" and Barisal and Pabna ½" each.

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

**Forecast valid until the evening of the 24th July, 1971** :—Rain/thundershowers will be widespread over East Pakistan with locally moderate to heavy falls. Local rain/thundershowers are likely to occur over Lahore, Sargodha, Rawalpindi, Malakand and Peshawar divisions and in Kashmir and scattered over D. I. Khan, Multan and Quetta divisions. A few falls of drizzle may also occur over coastal Kalat, Karachi and Hyderabad divisions.

Karachi-32
The 23rd July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature °F (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past Weather (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Minimum temperature (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 048 | 9 | 6 | 18 | 05 | 98 | 01 | 6 | 015 | 81 | 4 | 7 | 5 | 7 | 0 | 77 | 74 | — | — | — | — | — | — |
| | Cox's Bazar | ... | 099 | 9 | 8 | 09 | 05 | 96 | 06 | 6 | 994 | 77 | 6 | 6 | 3 | 4 | 0 | 75 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | 2 | 76.4 | +22.0 | — | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 081 | 9 | 8 | 23 | 05 | 93 | 61 | 6 | 998 | 77 | 6 | 7 | 3 | 7 | 0 | 76 | // | — | — | 46.8 | + 7.2 | — | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 115 |
| | Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 092 | 2 | 7 | 18 | 05 | 96 | 02 | 6 | 993 | 81 | 4 | 5 | 4 | 0 | 0 | 81 | 79 | — | + 2 | 23.0 | — 6.2 | — | 94 |
| | Brahmanbaria | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Sylhet | ... | 056 | 2 | 7 | 18 | 05 | 96 | 61 | 6 | 971 | 79 | 6 | 6 | 4 | 2 | 0 | 72 | 04 | 095 | 9 | 8 | 03 | 05 | 95 | 66 | / | 001 | 77 | 7 | 7 | 3 | 2 | / | 75 | 75 | — | — | 42.5 | — | — | 78 |
| | Srimangal | ... | 079 | 5 | 7 | 13 | 05 | 96 | 02 | 6 | 991 | 79 | 3 | 5 | 3 | 3 | 2 | 58 | 84 | 023 | 2 | 5 | 18 | 50 | 96 | 01 | 6 | 998 | 84 | 3 | 5 | 3 | 3 | 2 | 79 | 75 | — 7 | — | — | — | — | 98 |
| Dacca | Mymensingh | ... | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 5 | /// | /// | 7 | 5 | 4 | 0 | 0 | 79 | 88 | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 993 | 81 | 7 | 5 | 4 | 0 | 0 | 79 | 75 | 0 | — 3 | 32.7 | +34.1 | — | 91 |
| | Narayanganj | ... | 159 | 2 | 6 | 13 | 02 | 97 | 07 | 6 | 957 | 81 | 6 | 6 | 4 | 3 | 1 | 79 | // | 159 | 2 | 6 | 13 | 02 | 97 | 07 | 6 | 957 | 81 | 6 | 6 | 4 | 3 | 1 | 79 | // | — | // | 3.1 | — | — | 74 |
| | Dacca (Tejgaon | ... | 046 | 9 | 7 | 18 | 02 | 97 | 02 | 6 | 964 | 79 | 2 | 2 | 5 | 7 | 0 | 77 | 83 | 015 | 7 | 7 | 18 | 02 | 96 | 12 | 6 | 987 | 81 | 6 | 8 | 4 | 7 | 0 | 79 | 76 | — | — | 21.1 | — | — | — |
| | Faridpur | ... | 071 | / | 8 | 20 | 02 | 97 | 22 | 6 | 957 | 79 | 5 | 7 | 5 | 1 | 0 | 79 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 71 |
| Khulna | Barisal | ... | 073 | 9 | 7 | 18 | 07 | 96 | 02 | 6 | 971 | 83 | 3 | 6 | 7 | 3 | 7 | 81 | // | 385 | 9 | 8 | 18 | 02 | 93 | 63 | 3 | 966 | 77 | 8 | 5 | 4 | / | / | 77 | 77 | — | // | — | 2 | 26.1 | + 4.1 | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 100 | 9 | 3 | 13 | 05 | 97 | 02 | 0 | 972 | 7 | 0 | 3 | 9 | 0 | 0 | 79 | 65 | — | — | 26.0 | —19.0 | — | 68 |
| | Satkhira | ... | 000 | 0 | 4 | 10 | 04 | 96 | 02 | 3 | 953 | 83 | 4 | 2 | 9 | 1 | 0 | 77 | // | 235 | 0 | 6 | 18 | 05 | 97 | 02 | 3 | 964 | 81 | 6 | 2 | 9 | 1 | 2 | 79 | 78 | — | — | 19.7 | — 2.7 | — | 65 |
| | Jessore | ... | 059 | 9 | 8 | 13 | 00 | 97 | 50 | 6 | 967 | 79 | 8 | 6 | 3 | 0 | 0 | 7/ | 77 | 108 | 4 | 8 | 23 | 03 | 92 | 43 | 5 | 101 | 77 | 7 | 7 | 3 | 2 | / | 76 | 76 | — 22 | — 3 | 6.9 | — 4.2 | — | 65 |
| Rajshahi | Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 59 |
| | Sirajganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Bogra | ... | 006 | 1 | 5 | 13 | 03 | 96 | 61 | 6 | 949 | 83 | 2 | 0 | 5 | 3 | 0 | 77 | 84 | 008 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 983 | 81 | 3 | 4 | 7 | 0 | 0 | 77 | 77 | — 5 | — 2 | — | — | — | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 72 |
| | Rangpur | ... | 000 | 0 | 5 | 13 | 02 | 96 | 03 | 1 | 957 | 84 | 5 | 9 | 0 | 7 | 0 | 79 | // | 012 | 8 | 3 | 09 | 05 | 96 | 01 | 6 | 996 | 83 | 3 | 0 | 1 | 0 | / | 81 | 88 | // | + 10 | 5.0 | —16.7 | — | 84 |
| Kashmir | Jammu | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Lahore | Lahore (Jail Rd.) | ... | 000 | 0 | 3 | 31 | 05 | 96 | 06 | 0 | 000 | 02 | 1 | 2 | 7 | 0 | 2 | 72 | 02 | 000 | 0 | 0 | 00 | 00 | 96 | 01 | 1 | 939 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 82 | + 2 | — 2 | 6.3 | + 0.7 | 9.5 | 19 |
| | Sialkot | ... | 000 | 0 | 0 | 00 | 00 | 99 | 01 | 0 | 908 | 98 | 0 | 0 | 9 | 0 | 0 | 73 | 00 | 000 | 0 | 1 | 09 | 05 | 95 | 02 | 0 | 945 | 86 | 0 | 0 | 9 | 0 | 1 | 72 | 70 | + 3 | — 9 | 11.8 | + 2.2 | 17.6 | 32 |
| Rawalpindi | Jhelum | ... | 000 | 0 | 0 | 13 | 02 | 98 | 02 | 0 | 902 | 01 | 0 | 0 | 9 | 0 | 0 | 67 | 02 | 030 | 0 | 0 | 13 | 00 | 97 | 02 | 0 | 933 | 99 | 0 | 0 | 9 | 0 | 0 | 75 | 00 | — | — | 7.0 | — | 17.8 | — |
| | Islamabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Rawalpindi | ... | 000 | 0 | 2 | 02 | 30 | 97 | 03 | 0 | 904 | 92 | / | / | 6 | 0 | 0 | 66 | 97 | 002 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 936 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 72 | — | 0 | — 5 | 19.4 | +11.5 | 19.7 | 36 |
| | Campbellpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 11 | 00 | 97 | 00 | 0 | ... | 82 | 0 | 0 | 9 | 0 | 0 | 62 | // | — | — | — | — | — | — |
| Sargodha | Khushab | ... | 000 | 0 | 0 | 13 | 03 | 97 | 00 | 5 | 959 | 06 | 0 | 0 | 9 | 0 | 0 | 68 | 06 | 003 | 0 | 0 | 05 | 03 | 96 | 06 | 0 | 935 | 88 | 0 | 0 | 9 | 0 | 0 | 88 | // | + 4 | — | 5.0 | + 1.0 | 7.0 | 15 |
| | Sargodha | ... | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 905 | 100 | 0 | 0 | 9 | 0 | 0 | 73 | 02 | 000 | 0 | 2 | 09 | 03 | 96 | 06 | 0 | 927 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 84 | — | — | 3.2 | — | 7.2 | — |
| | Lyallpur | ... | 000 | 0 | 0 | 36 | 02 | 98 | 00 | 0 | 915 | 99 | 0 | 0 | 9 | 0 | 0 | 67 | 02 | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 932 | 89 | 0 | 0 | 9 | 0 | 0 | 72 | 82 | + 1 | — | 6.2 | + 3.0 | 9.5 | 12 |
| Multan | Sahiwal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Multan | ... | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 907 | 04 | 0 | 0 | 9 | 0 | 0 | 70 | 06 | 000 | 0 | 6 | 33 | 00 | 96 | 05 | 0 | 929 | 88 | 2 | 0 | 9 | 3 | 1 | 77 | 80 | + 2 | — 5 | 1.8 | + 0.1 | 2.4 | 10 |
| | Lelah | ... | 000 | 0 | 0 | 36 | 00 | 95 | 00 | 0 | 911 | 01 | 0 | 0 | 9 | 0 | 0 | 71 | 02 | 000 | 0 | 0 | 36 | 03 | 98 | 02 | 0 | 945 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 83 | — | — | — | — | — | 7 |
| Bahawalpur | Khanpur | ... | 000 | 0 | 1 | 36 | 00 | 98 | 01 | 1 | /// | 73 | 1 | 2 | 6 | 0 | 0 | 68 | 06 | 000 | 0 | 0 | 23 | 01 | 96 | 02 | 0 | 946 | 81 | 0 | 0 | 9 | 0 | 0 | // | 82 | — | — | — | — | — | 8 |
| | Bahawalpur | ... | 080 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 908 | 05 | 0 | 0 | 9 | 0 | 0 | 56 | 05 | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 933 | 88 | 0 | 0 | 9 | 0 | 0 | 72 | 85 | — | — | 0.2 | — 1.6 | 0.6 | 6 |
| | Fort Abbas | ... | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 949 | 16 | 0 | 0 | 7 | 0 | 0 | // | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 1.7 | 0.3 | 6 |
| Malakand | Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 05 | 07 | 97 | 02 | 0 | 969 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 73 | — | — | 2.9 | — | 13.0 | 8 |
| Peshawar | Peshawar | ... | 000 | 0 | 1 | 00 | 00 | 97 | 03 | 0 | 899 | 99 | 0 | 9 | 6 | 0 | 1 | 57 | 01 | 000 | 0 | 0 | 36 | 02 | 97 | 02 | 0 | 930 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 78 | — 0 | — 2 | 2.3 | + 1.2 | 11.0 | 11 |
| | Hazipur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| D. I. Khan | Bannu | ... | 000 | 0 | 3 | 00 | 00 | 99 | 01 | 2 | 928 | 07 | 0 | 0 | 9 | 0 | 0 | 66 | 98 | 000 | 0 | 3 | 00 | 00 | 99 | 03 | 1 | 946 | 81 | 0 | 0 | 9 | 0 | 2 | 73 | 78 | — | — | 0.6 | — | 3.0 | 11 |
| | D. I. Khan | ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 906 | 04 | 0 | 0 | 9 | 0 | 0 | 69 | 04 | 000 | 0 | 0 | 05 | 04 | 96 | 00 | 5 | 98 | ... | 0 | 0 | 9 | 0 | 0 | 78 | 85 | + 1 | + 2 | 0.5 | — 1.6 | 3.3 | 9 |
| Quetta | Sibi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 5 |
| | Nokkundi | ... | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 4 | 880 | 06 | 0 | 0 | 9 | 0 | 0 | 69 | 06 | 000 | 0 | 0 | 36 | 03 | 97 | 02 | 0 | 917 | 92 | 0 | 0 | 9 | 0 | 0 | 50 | 81 | — | — | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 034 | 83 | 0 | 0 | 9 | 0 | 0 | 71 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | ... | 000 | 0 | 0 | 18 | 10 | 96 | 01 | 0 | 949 | 84 | 0 | 0 | 9 | 0 | 0 | 73 | 81 | 000 | 0 | 7 | 13 | 05 | 96 | 02 | 2 | 972 | 80 | 7 | 6 | 5 | 0 | 0 | 73 | 78 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | ... | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | /// | 89 | 0 | 0 | 0 | 0 | 0 | 79 | 89 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | ... | 76 | 0 | 0 | 8 | 0 | 0 | 67 | // | — 2 | // | 0.0 | — 0.6 | 0.0 | 6 |
| | Ormara | ... | 000 | 0 | 1 | 25 | 10 | 96 | 02 | 2 | 945 | 87 | 1 | 6 | 6 | 0 | 0 | 75 | 91 | 000 | 0 | 6 | 27 | 07 | 96 | 02 | 2 | 969 | 83 | 6 | 6 | 6 | 0 | 0 | 74 | // | — | — | 0.8 | — 0.2 | 0.8 | 6 |
| | Lasbela | ... | 000 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 937 | 02 | 0 | 0 | 8 | 0 | 0 | 81 | 06 | /// | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 977 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| | Karachi (Airport) | ... | 000 | 0 | 5 | 27 | 12 | 96 | 13 | 1 | 956 | 31 | 5 | 6 | 5 | 0 | 0 | 75 | 91 | 000 | 0 | 7 | 27 | 02 | 96 | 02 | 2 | 976 | 83 | 7 | 6 | 5 | 0 | 0 | 75 | 82 | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Chhor | ... | 000 | 0 | 0 | 28 | 12 | 96 | 02 | 0 | 937 | 94 | 0 | 0 | 9 | 0 | 0 | 73 | 95 | 000 | 0 | 7 | 23 | 14 | 96 | 02 | 2 | 966 | 83 | 4 | 5 | 6 | 3 | 0 | 74 | // | — | — | 1.9 | — | 2.6 | 7 |
| | Hyderabad | ... | 000 | 0 | 0 | 23 | 09 | 97 | 02 | 0 | 935 | 93 | 0 | 0 | 9 | 0 | 0 | 73 | 02 | 000 | 0 | 5 | 23 | 09 | 97 | 03 | 1 | 961 | 84 | 0 | 1 | 9 | 6 | 1 | 70 | 81 | + 4 | 0 | 0.7 | — 1.8 | 0.7 | 9 |
| | Badin | ... | 000 | 0 | 3 | 23 | 10 | 97 | 02 | 1 | 957 | 93 | 3 | 4 | 6 | 0 | 0 | 72 | 96 | 000 | 0 | 6 | 23 | 09 | 96 | 01 | 1 | 978 | 83 | 1 | 1 | 6 | 0 | 0 | 74 | 81 | — | — | 0.1 | — 3.3 | 0.1 | |
| Khairpur | Padidan | ... | 000 | 0 | 0 | 18 | 05 | 96 | 03 | 0 | 909 | 06 | 2 | 0 | 9 | 3 | 0 | 67 | 08 | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 930 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | ... | 000 | 0 | 0 | 18 | 01 | 96 | 02 | 0 | 919 | 06 | 0 | 0 | 9 | 0 | 0 | 75 | 06 | 000 | 0 | 0 | 18 | 10 | 96 | 02 | 0 | 946 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 80 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | ... | 000 | 0 | 0 | 13 | 02 | 96 | 02 | 0 | 910 | 03 | 0 | 0 | 9 | 0 | 0 | 72 | 09 | 000 | 0 | 0 | 23 | 05 | 96 | 02 | 0 | 942 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 81 | — | — | 1.4 | — | 1.4 | — |
| | Kashmore | ... | 000 | 0 | 0 | 23 | 03 | 98 | 02 | 0 | 943 | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | ... | 000 | 0 | 0 | 18 | 05 | 96 | 05 | 0 | 909 | 03 | 0 | 0 | 9 | 0 | 0 | 70 | 03 | 000 | 0 | 0 | 13 | 07 | 96 | 05 | 0 | 939 | 86 | 0 | 0 | 9 | 0 | 0 | 77 | // | — 5 | // | 2.5 | + 1.5 | 2.6 | 20 |
| Junagadh | Veraval | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 28 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Dras ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Miagar ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Aliabad ** | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | ... | 000 | 0 | 0 | 31 | 05 | 98 | 00 | 0 | 376 | 76 | 0 | 0 | 9 | 0 | 0 | 62 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21.4 | + 8.7 | 28.6 | 18 |
| Malakand | Drosh * | ... | 000 | 0 | 3 | 27 | 09 | 99 | 02 | 0 | 347 | 97 | 3 | 1 | 7 | 0 | 0 | // | 99 | 000 | 0 | 0 | 00 | 00 | 90 | 02 | 0 | 394 | 83 | 0 | 0 | 9 | 0 | 0 | 49 | 74 | + 2 | — 1 | 1.3 | — | 9.8 | 29 |
| Peshawar | Cherat * | ... | 000 | 0 | 0 | 13 | 03 | 98 | 00 | 0 | 385 | 98 | 0 | 0 | 9 | 0 | 0 | 62 | 99 | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 404 | 78 | 0 | 0 | 9 | 0 | 0 | 69 | 62 | + 10 | — 9 | 3.9 | — 0.3 | 3.5 | — |
| | Kakul * | ... | 000 | 0 | 0 | 23 | 05 | 90 | 20 | 0 | 385 | 85 | 0 | 0 | 9 | 0 | 0 | 58 | 87 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.5 | — | 32.4 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 09 | 05 | 98 | 02 | 0 | 393 | 84 | 0 | 0 | 9 | 0 | 0 | 53 | 72 | — | — | 5.1 | — | 15.0 | 13 |
| | Parachinar * | ... | 000 | 4 | 4 | 13 | 02 | 97 | 17 | 9 | 388 | 83 | 4 | 9 | 6 | 0 | 0 | 49 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 4.4 | — | 12.0 | 11 |
| D. I. Khan | Miranshah * | ... | 000 | 0 | 4 | 05 | 05 | 97 | 00 | 1 | 385 | 94 | 0 | 5 | 9 | 1 | 2 | 75 | 96 | 000 | 0 | 0 | 05 | 05 | 90 | 00 | 0 | 389 | 83 | 0 | 0 | 9 | 0 | 0 | 72 | 73 | — | — | 0.0 | — 2.0 | 1.6 | 13 |
| | Wana * | ... | 000 | 0 | 6 | 13 | 06 | 96 | 03 | 0 | 398 | // | 6 | 3 | 7 | 0 | 0 | // | 94 | 000 | 0 | 8 | 00 | 00 | 90 | 00 | 0 | 387 | 65 | 0 | 0 | 9 | 0 | 0 | // | 90 | — | — | 0.0 | — | 1.0 | — |
| Quetta | Fort Sandeman * | ... | 000 | 0 | 2 | 23 | 02 | 96 | 05 | 6 | 362 | 97 | 2 | 4 | 7 | 0 | 0 | 38 | 97 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 380 | 80 | 0 | 0 | 9 | 0 | 0 | 53 | 74 | — 1 | 0 | 5.1 | + 3.0 | 2.6 | 9 |
| | Hindubagh * | ... | 000 | 0 | 8 | 25 | 09 | 95 | 03 | 0 | /// | 90 | 8 | 5 | 4 | 0 | 0 | 54 | 93 | 000 | 0 | 0 | 25 | 09 | 98 | 02 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 50 | 65 | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| | Barkhan * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 1.4 | — | 1.4 | 14 |
| | Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 9 |
| | Samungli (Quetta) * | ... | 000 | 0 | 0 | 13 | 03 | 96 | 02 | 0 | 379 | 92 | 0 | 0 | 9 | 0 | 0 | 69 | 99 | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 366 | 85 | 0 | 0 | 9 | 0 | 0 | 65 | 81 | — | — | 0.0 | — 2.5 | 0.0 | 8 |
| | Chaman * | ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 455 | 96 | 0 | 0 | 9 | 0 | 0 | 54 | 94 | 000 | 0 | 0 | 31 | 02 | 96 | 04 | 0 | 395 | 71 | 0 | 0 | 9 | 0 | 0 | 59 | 65 | + 4 | — 3 | 0.4 | — 0.0 | 3.2 | — |
| | Nushki * | ... | 000 | 0 | 0 | 13 | 05 | 95 | 06 | 0 | 418 | 02 | 0 | 0 | 9 | 0 | 0 | // | 64 | 000 | 0 | 0 | 27 | 03 | 97 | 02 | 0 | 447 | 77 | 0 | 0 | 9 | 0 | 0 | 44 | 74 | — 7 | — 1 | 0.0 | — 0.1 | 1.3 | — |
| | Dalbandin * | ... | 000 | 0 | 0 | 13 | 07 | 95 | 06 | 0 | 399 | 04 | 0 | 0 | 9 | 0 | 0 | // | 05 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 432 | 90 | 0 | 0 | 9 | 0 | 0 | 37 | 83 | — | — | 0.0 | — | 0.0 | 4 |
| Kalat | Kalat * | ... | 000 | 0 | 0 | 31 | 00 | 94 | 00 | 2 | 358 | 86 | 0 | 0 | 9 | 0 | 0 | 79 | 90 | 000 | 0 | 0 | 31 | 00 | 96 | 04 | 0 | 372 | 69 | 0 | 0 | 9 | 0 | 0 | 50 | 69 | — 4 | — 2 | 0.0 | — 0.1 | 0.7 | 7 |
| | Khuzdar * | ... | 000 | 0 | 1 | 31 | 09 | 97 | 02 | 0 | 357 | 98 | 1 | 1 | 7 | 0 | 0 | 79 | 99 | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 375 | 80 | 0 | 0 | 9 | 0 | 0 | 65 | 74 | — 3 | + 13 | 0.0 | — 0.6 | 0.4 | — |
| | Panjgur * | ... | 000 | 0 | 1 | 31 | 05 | 97 | 03 | 0 | 385 | 02 | 1 | 2 | 6 | 0 | 0 | 68 | // | 000 | 0 | 1 | 31 | 02 | 96 | 03 | 0 | 390 | 81 | 0 | 0 | 9 | 0 | 0 | 69 | 76 | // | 0 | 0.6 | — | 0.8 | 5 |

Given in Code.

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

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

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

When over 999 it given RRR see the summary bove for the accua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 23rd JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OT_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

At surface and Standard Isobaric Levels (hhh TTTa DD)

| STATION | Time of ascent in G. M. T. | Surface PoPoPoToToToDoDo | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 997 172 15 | 506 /// // | 430 190 22 | 048 094 21 | 577 031 13 | ... | .. | ... | ... | ... | .. | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 994 280 38 | 531 /// // | 400 230 61 | 065 124 63 | 579 065 // | 750 151 // | 963 259 // | 243 471 / | ... | ... | ... | .. | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 953 254 56 | 566 /// // | 355 256 65 | 048 166 65 | 583 007 // | 757 115 // | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 972 290 30 | 560 /// // | 350 200 57 | 954 255 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed PmPmPmdmdmfmfmfm | TROPOPAUSE First PtPtPtTtTtTat | Transition dtdtftftft | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 600 096 64 | 506 000 // | 362 149 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 734 000 // | 600 210 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

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

| Height in kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | 225 04 | 265 05 | 295 02 | 335 02 | 325 10 | 295 21 | 345 07 | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 180 13 | 220 17 | 220 30 | ... | 225 17 | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | 080 04 | 150 04 | 150 07 | 145 10 | 155 13 | 150 13 | 010 02 | 010 13 | 305 15 |
| D. I. Khan ... | ... | ... | ... | 259 10 | 220 13 | 205 11 | 070 04 | 335 06 | 300 15 |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 285 06 | 270 09 | 295 08 | 080 08 | 160 04 | 190 06 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 135 04 | 050 03 | 030 03 | 320 10 | 325 15 | 340 15 | 320 23 | 295 32 | 255 13 |
| Jhelum ... | 150 09 | 225 04 | 245 03 | 325 05 | 325 09 | 320 07 | 025 10 | 350 05 | 315 09 |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 210 09 | 185 05 | 190 06 | 200 07 | 225 05 | 240 04 | 030 03 | 300 04 | 300 09 |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | 205 07 | 205 05 | 200 06 | 295 09 | 320 08 | 230 03 | 50 05 | 170 05 |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | 070 03 | 135 03 | 180 04 | 295 04 | 286 03 | 270 18 | 330 /7 | 305 06 |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | 205 01 | 320 09 | ... | ... | ... |
| Quetta ... | 355 03 | 285 04 | 260 01 | 260 04 | /// // | 310 03 | 310 10 | 305 12 | 295 16 |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | 070 08 | 115 10 | 155 03 | 315 06 | 310 06 |
| Chaklala ... | 230 11 | 225 18 | 240 14 | ... | ... | ... |
| Chhor ... | 180 19 | 180 14 | 195 13 | ... | 205 17 | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | 245 09 | 235 19 | 250 17 | 260 15 | 240 18 | ... |
| Cox's Bazar ... | 225 12 | 225 19 | 225 22<br>290 06 | 305 02 | 165 01 | 255 10 |
| Dacca ... | 080 07 | 105 09 | 120 09 | 135 09 | 145 10 | 180 09 |
| Dalbandin ... | ... | ... | ... | 250 2 | 230 6/ | 185 0 |
| D. I. Khan ... | ... | ... | ... | 215 05 | 220 08 | 290 12 |
| Drosh ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 175 04 | 260 04 | 295 05 |
| Gilgit ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 175 15 | 200 07 | 235 05 | 265 06 | 300 06 | 255 11 |
| Jacobabad ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | 115 12 | 120 15 | 130 13 | 170 06 | 170 10 | 175 19 |
| Jhelum ... | 130 10 | 120 10 | ... | ... | ... | ... |
| Jiwani ... | 210 08 | 215 15 | 207 17 | 235 22 | 270 15 | 270 11 |
| Karachi ... | 210 08 | 215 15 | 207 17 | 235 22<br>275 12 | 270 15<br>185 12 | 270 11<br>310 15 |
| Khanpur ... | 180 06 | 225 08 | 185 05 | 160 03 | /// // | 050 04 |
| Khuzdar ... | 225 21 | 230 19 | 235 15 | 245 07 | 250 09 | 215 07 |
| Lahore ... | 225 31 | 225 21 | 220 12 | 270 11 | 260 10 | 295 12 |
| Multan ... | ... | ... | 340 21 | 320 18 | 315 12 | 295 11 |
| Nawab Shah ... | ... | ... | ... | 245 09 | 290 08 | 261 10 |
| Nokkundi ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | 340 05 | 270 02 | 105 01 | 235 02<br>280 04 | 180 04<br>300 04 |
| Peshawar ... | ... | ... | ... | /// // | 275 06 | 265 07 |
| Parachinar ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 095 09 | 100 09 | 125 04 | 350 0: | 265 03 | 275 11 |
| Sargodha ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | 230 10 | 140 03 | 315 05 | 3/0 05 | 340 06 | 320 12 | 315 71 | 320 19 | 290 29 | 295 33 |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | 190 07 | 215 08 | 235 03 | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | 150 04 | 125 03 | 150 03 | 280 05 | 320 09 | 305 10 | 310 13 | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 245 14 | 265 16 | 275 16 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | ... | ... | ... | ... | ... | ... | ... | 335 15 | ... | ... | ... |
| Khanpur ... | 147 05 | 145 06 | 150 05 | 205 04 | 305 04 | 315 08 | 325 04 | 045 07 | 030 08 | ... | ... |
| Khuzdar ... | 185 13 | 225 12 | 215 08 | 180 59 | 185 08 | 270 58 | 340 07 | 030 06 | 260 05 | 1:0 58 | 120 12 |
| Lahore ... | 210 07 | 310 02 | 360 03 | 315 06 | 318 11 | 351 02 | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | 350 03 | 195 03 | 200 04 | 310 04 | 320 06 | 045 10 | 050 18 | 005 21 | 030 27 | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | 130 03 | 015 05 | 125 05 | 075 01 | 300 05 | 300 14 | 340 08 | 275 03 | 225 09 | 275 09 | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.→ | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | 215 11 | 215 18 | 230 16 | 240 14 | 235 12 | 250 08 | 310 10 | 050 10 | 050 10 | 310 10 | 340 18 | 320 40 | 050 19 | 100 12 | 025 35 | 035 35 | 010 34 | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Iiiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

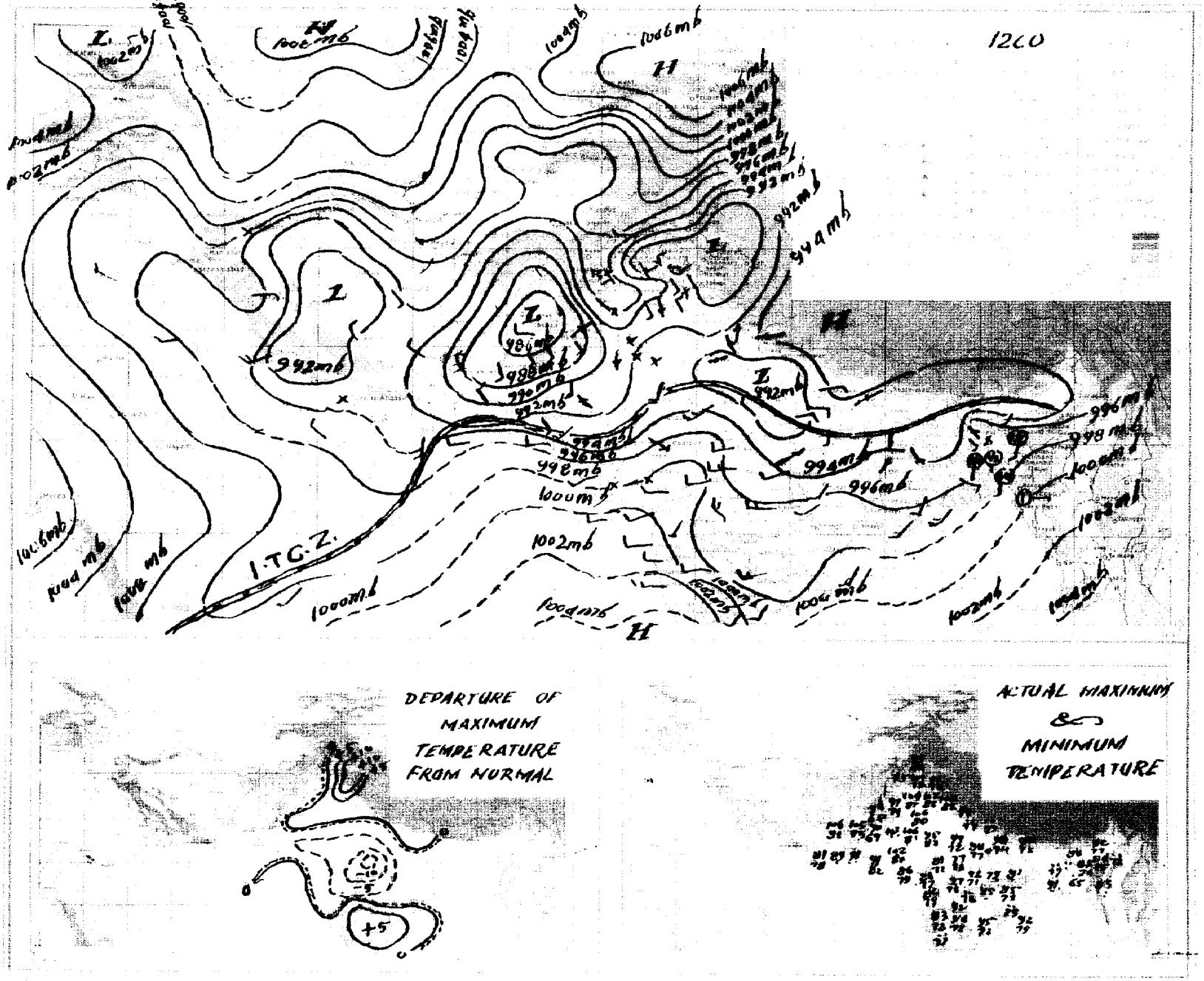
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

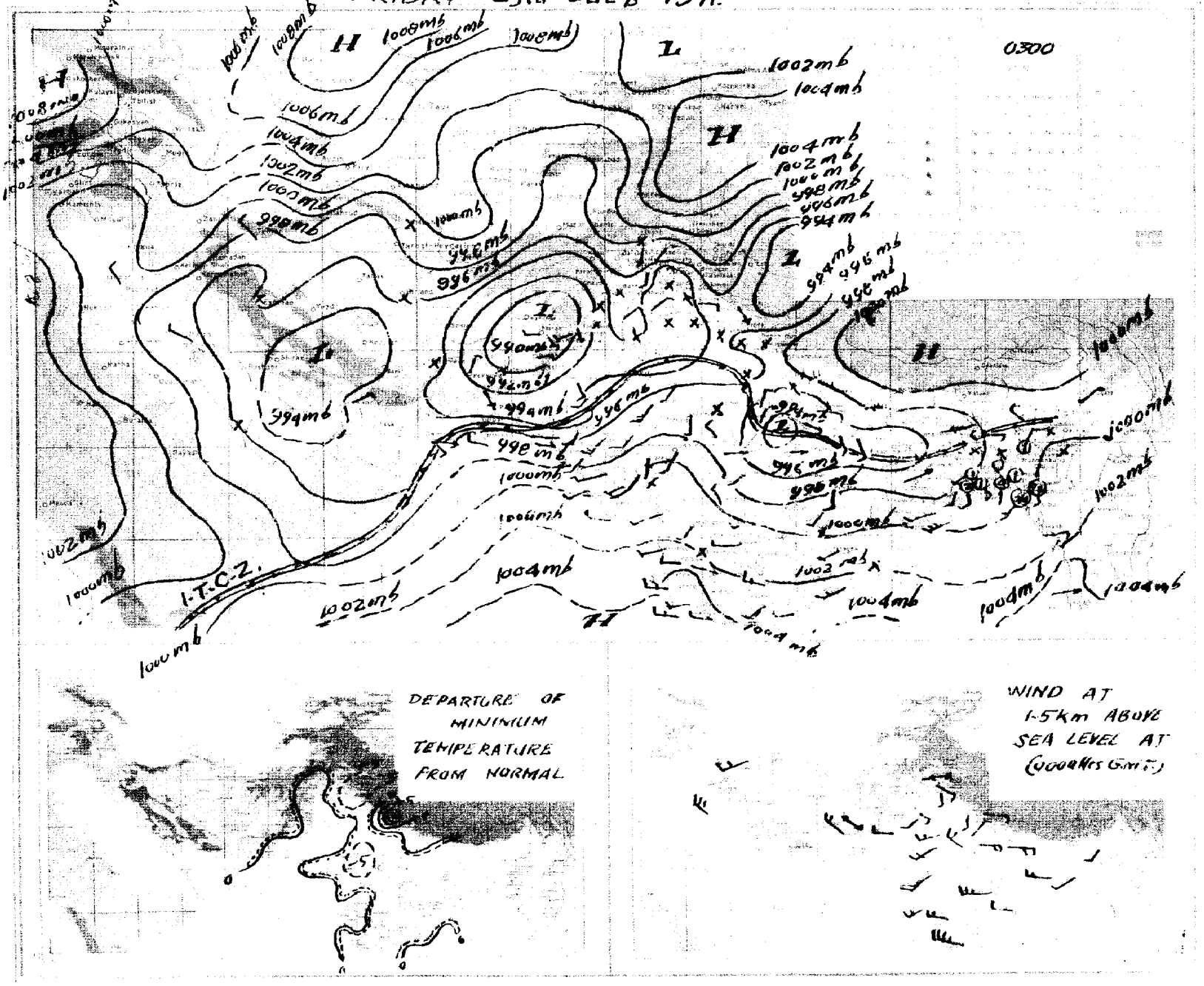
# PAKISTAN DAILY WEATHER MAP

THURSDAY 22nd JULY, 1971.



# PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd JULY 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**SATURDAY THE 24th JULY, 1971.**

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

Yesterday's well marked low over Uttar Pradesh and adjoining areas weakened last evening into a low which persists over there.
Monsoon which started slackening over East Pakistan last evening has now weakened.
Axis of the monsoon trough runs from Bahawalpur division to southern Chittagong division.
Rain/thundershowers have been local in Chittagong and Khulna divisions and scattered in Rajshahi division.
A western disturbance which lay over East Russian Turkistan last evening has moved slightly eastwards. Its associated trough lies over Kashmir and adjoining areas.
Scattered thunderstorms have been reported from Peshawar division.
Chief amounts of rainfall are Satkhira 2", Maijdee Court and Chittagong 1" each, Bogra ¾" and Rangamati and Cox's Bazar ½" each.
Day temperatures were 3—5 °F (2—3 °C) above normal in Lahore and Sargodha divisions and were to the same extent below normal in East Pakistan and in western Quetta, northern Kalat and Khairpur divisions.

**Forecast valid until the evening of the 25th July, 1971** :—Rain/thundershowers will be local in East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Malakand and Peshawar divisions and in Kashmir. A few falls of drizzle are also likely to occur over coastal Kalat and Karachi divisions.

**Earth Quake Report** The seismographs of the geophysical centre, Quetta have recorded an earth quake of moderate intensity on 24th July 1971 at 05 hours 51 minutes W.P.S.T. Its epicentre lies about 400 miles west of Quetta in southeastern Iran.

Karachi-32
The 24th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature °F (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degree (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 (TnTn) | Departure from Normal of Maximum temperature (TxTx) | Departure from Normal of Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1971 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 7 | 18 | 05 | 97 | 02 | 9 | 987 | 81 | 6 | 4 | 7 | 1 | 1 | 74 | 84 | 046 | 7 | 6 | 18 | 02 | 98 | 02 | 6 | 995 | 79 | 5 | 7 | 5 | 7 | 0 | 75 | 75 | — | — | — | — | — | — |
| | Cox's Bazar | 076 | 9 | 8 | 18 | 05 | 96 | 51 | 5 | 978 | 77 | 6 | 6 | 3 | 5 | 0 | 58 | 80 | 057 | 9 | 8 | 18 | 13 | 96 | 02 | 0 | 998 | 81 | 5 | 7 | 4 | 3 | 0 | 77 | 75 | — 5 | — 1 | 47.7 | + 6.2 | — | 140 |
| | Chittagong | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | 108 |
| | Maijdee Court | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 115 |
| | Comilla | 080 | 0 | 3 | 16 | 03 | 96 | 01 | / | 968 | 81 | 3 | 4 | 7 | 8 | 0 | 79 | 83 | 030 | 0 | 6 | 18 | 05 | 96 | 02 | 2 | 985 | 83 | 6 | 4 | 5 | 0 | 0 | 77 | 77 | — 8 | 0 | 20.0 | — 6.8 | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | 78 |
| | Sylhet | 000 | 0 | 8 | 18 | 13 | 96 | 21 | 6 | 964 | 81 | 6 | 3 | 5 | | / | 74 | // | 104 | 8 | 8 | 18 | 02 | 96 | 03 | 2 | 993 | 83 | 5 | 6 | 6 | 2 | 0 | 69 | // | — | — | 42.5 | +12.7 | — | — |
| | Srimangal | 000 | 0 | 5 | 00 | 00 | 96 | 01 | 0 | 963 | 83 | 2 | 2 | 5 | 3 | 2 | // | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | — | — | — | 98 |
| Dacca | Mymensingh | 055 | 3 | 7 | 00 | 00 | 96 | 02 | 6 | 968 | 84 | 7 | 5 | 4 | 0 | 0 | 81 | 87 | 076 | 0 | 6 | 13 | 02 | 97 | 02 | / | 993 | 81 | 6 | 5 | 4 | 0 | 0 | 79 | 79 | + 1 | + 1 | 32.7 | + 7.9 | — | 91 |
| | Narayanganj | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 159 | 2 | 8 | 13 | 02 | 97 | 01 | 6 | 993 | 81 | 6 | 6 | 4 | 3 | 1 | 79 | 76 | — | — 3 | 31 | +19.4 | — | 74 |
| | Dacca (Tejgaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 | 7 | 7 | 18 | 02 | 96 | 01 | 6 | 987 | 81 | 6 | 8 | 4 | 3 | 0 | 79 | 76 | — | — | 26 | — | — | — |
| | Faridpur | 050 | 6 | 4 | 20 | 07 | 96 | 02 | 6 | 954 | 84 | / | / | / | / | / | 79 | 86 | 030 | 0 | 7 | 13 | 02 | 97 | 03 | 2 | 961 | 84 | 6 | 6 | 4 | 3 | / | 79 | 81 | — 2 | + 2 | — | — | — | 71 |
| Khulna | Barisal | 005 | 6 | 6 | 21 | 05 | 96 | 02 | 5 | 962 | 84 | 4 | 4 | 4 | 1 | 8 | 81 | 86 | 005 | 9 | 6 | 00 | 00 | 96 | 02 | 2 | 977 | 84 | 3 | 5 | 4 | / | 6 | 81 | 86 | — 1 | + 5 | 26.1 | — 2.5 | — | 81 |
| | Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 242 | 0 | 4 | 00 | 00 | 97 | 3 | 9 | 978 | 83 | 4 | 2 | 9 | 0 | 0 | 81 | 79 | — | — | 2.6 | —11.1 | — | 68 |
| | Satkhira | 242 | 2 | 8 | 18 | 03 | 97 | 03 | 6 | 953 | 79 | 8 | 7 | 9 | 0 | 0 | 79 | 87 | 235 | 0 | 6 | 18 | 05 | 97 | 02 | 3 | 904 | 81 | 6 | 2 | 9 | 1 | 2 | 81 | 62 | — | — | 19.7 | — 3.1 | — | 65 |
| | Jessore | 009 | 4 | 6 | 18 | 05 | 97 | 01 | 9 | 950 | 84 | 6 | 4 | 4 | 2 | 0 | 81 | 90 | 000 | 2 | 5 | 23 | 03 | 96 | 01 | 9 | 972 | 81 | 2 | 6 | 5 | 4 | 0 | 79 | 79 | — 1 | 0 | 6.9 | —14.2 | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 974 | 84 | 5 | 2 | 5 | 3 | 0 | 79 | 79 | — | — | — | — | — | — |
| | Bogra | 079 | 1 | 7 | 05 | 03 | 96 | 03 | 6 | 951 | 81 | 3 | 6 | 4 | 3 | 0 | 79 | 86 | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 983 | 81 | 3 | 5 | 4 | 7 | 0 | 79 | 77 | — 3 | — 2 | 5.8 | —12.7 | — | 69 |
| | Dinajpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 082 | 2 | / | 13 | 02 | 96 | 02 | 9 | 977 | 84 | 5 | 6 | 4 | 3 | 0 | 79 | 77 | — | — 2 | — | — | — | 72 |
| | Rangpur | 000 | 0 | 4 | 13 | 02 | 96 | 03 | 0 | 960 | 84 | 4 | 0 | 9 | 1 | 0 | 79 | 93 | 000 | 0 | 5 | 05 | 02 | 96 | 03 | 1 | 999 | 83 | 5 | 0 | 9 | 4 | 0 | 81 | 79 | + 3 | + 1 | 23.7 | — 7.1 | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 5 | 31 | 02 | 96 | 06 | 1 | 898 | 02 | 3 | 2 | 7 | 0 | 2 | 71 | 03 | 000 | 0 | 5 | 09 | 03 | 96 | 05 | 1 | 953 | 85 | 2 | 2 | 7 | | | 76 | 84 | + 3 | + 3 | 6.3 | + 0.7 | 9.5 | 19 |
| | Sialkot | 000 | 0 | 2 | 27 | 03 | 97 | 21 | / | 111 | 99 | 1 | 1 | 7 | 0 | 0 | 73 | 01 | 000 | 0 | 5 | 09 | 07 | 98 | 02 | 2 | 964 | 8 | 0 | 0 | 9 | 0 | 5 | 74 | 79 | + 2 | 0 | 11.8 | + 2.2 | 17.8 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 900 | 01 | / | 1 | 6 | 0 | 1 | 70 | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 7.0 | — | 11.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi | 000 | 0 | / | 00 | 00 | 96 | 06 | 0 | 895 | 97 | 1 | 1 | 6 | 0 | 0 | 71 | 99 | 000 | 0 | 6 | 13 | 03 | 97 | 06 | 1 | 952 | 86 | | | 6 | 3 | | 77 | 81 | + 2 | + 4 | 19.4 | +11.1 | 19.7 | 36 |
| | Campbellpur | 000 | 0 | 0 | // | / | 98 | / | 0 | / | 07 | 0 | / | / | / | / | // | 01 | 000 | 0 | 0 | 23 | 00 | 97 | 00 | 0 | // | // | 0 | 0 | 0 | 0 | 0 | 81 | 76 | — | — | — | — | — | — |
| Sargodha | Khushab | 000 | 0 | 0 | 18 | 03 | 97 | 06 | 0 | 894 | 04 | 0 | 0 | 9 | 0 | 0 | 72 | 06 | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | 905 | 91 | 0 | 0 | 9 | 0 | 0 | 72 | // | + 2 | / / / | 5.0 | + 0.9 | 7.0 | 15 |
| | Sargodha | 000 | 0 | 3 | 05 | 03 | 96 | 06 | 0 | 901 | 05 | 1 | 1 | 6 | 0 | 1 | 79 | 03 | 000 | 0 | 0 | 23 | 03 | 96 | 06 | 0 | 944 | 91 | 0 | 0 | 9 | 0 | 0 | 78 | 74 | — | — | 3.2 | — | 7.2 | — |
| | Lyallpur | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 901 | 97 | 0 | 0 | 9 | 0 | 0 | 63 | // | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 961 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 65 | / / | + 3 | 6.2 | + 3.0 | 9.4 | 12 |
| Multan | Sahiwal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 10 |
| | Multan | 000 | 0 | 4 | 23 | 05 | 96 | 05 | 1 | 903 | 02 | 1 | 0 | 9 | 3 | 2 | 72 | 04 | 000 | 0 | 0 | 18 | 09 | 96 | 05 | 0 | 942 | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — 0 | — | 1.8 | + 0.1 | 2.4 | 7 |
| | Laiah | 000 | 0 | 0 | 36 | 00 | 95 | 03 | 0 | 907 | 02 | 0 | 0 | 9 | 0 | 0 | // | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 23 | 30 | 96 | 02 | 0 | // | / | 0 | 0 | 9 | 0 | 0 | 91 | 06 | 000 | 0 | 1 | 23 | 05 | 96 | 01 | 2 | 957 | 85 | 0 | 0 | 9 | 0 | 0 | 72 | 82 | — | — | 0.2 | — 1.5 | 0.6 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 20 | 00 | 96 | 00 | 0 | 930 | 02 | 0 | 0 | 9 | 0 | 0 | 60 | 04 | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 961 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | 85 | — | — | 0.0 | — 1.7 | 0.2 | 6 |
| | Fort Abbas | 000 | 0 | 0 | 31 | 04 | 98 | 05 | 0 | 989 | 97 | 0 | 0 | 9 | 0 | 0 | 97 | 18 | 000 | 0 | 0 | 31 | 04 | 98 | 00 | 0 | 920 | 91 | 0 | 0 | 9 | 0 | 0 | 83 | 82 | — | — | — | — | — | 8 |
| Malakand | Chakdara | 000 | 0 | 0 | 27 | 05 | 98 | 02 | 0 | 988 | 99 | 0 | 0 | 9 | 0 | 0 | 67 | 00 | 000 | 0 | 2 | 05 | // | 96 | 03 | 0 | 929 | 83 | 2 | / | 7 | 0 | 0 | 70 | 77 | — | — | 2.9 | — | 1.3 | — |
| Peshawar | Peshawar | 000 | 0 | 1 | 36 | 03 | 96 | 06 | 0 | 880 | 01 | 0 | 0 | 9 | 0 | 0 | 65 | 03 | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 931 | 88 | 0 | 0 | 9 | 0 | 0 | 71 | 83 | + 2 | + 3 | 2.9 | — | 13.0 | 11 |
| | H. ripur | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 915 | 97 | 0 | 0 | 9 | 0 | 0 | 64 | 99 | 000 | 0 | 0 | 05 | 03 | 98 | 00 | 0 | 964 | 88 | 0 | 0 | 9 | 0 | 0 | 65 | 77 | — | — | 2.3 | + 1.1 | 10.8 | |
| D.I. Khan | Bannu | 000 | 0 | 4 | 23 | 02 | 98 | 03 | 2 | 908 | 02 | / | / | / | / | / | // | 04 | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 1 | 949 | 83 | | | 9 | 0 | 5 | 70 | 81 | — | — | 0.7 | — | 3.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 892 | 05 | 0 | 0 | 9 | 0 | 0 | 75 | 07 | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 937 | 89 | 0 | 0 | 9 | 0 | 0 | 77 | 85 | — 4 | — 3 | 0.5 | — 1.6 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi | 000 | 0 | 2 | 36 | 05 | 96 | 03 | 0 | 074 | 07 | 0 | 0 | 9 | 0 | 8 | 56 | 09 | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 936 | 87 | 0 | 0 | 9 | 0 | 0 | 47 | 81 | — | — | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 993 | 01 | 0 | 0 | 9 | 0 | 0 | 68 | 01 | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | 040 | 82 | 0 | 0 | 9 | 0 | 0 | 71 | 81 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 5 | 18 | 10 | 96 | 02 | 1 | 945 | 84 | 5 | 6 | 5 | 0 | 0 | 72 | 87 | 000 | 0 | 7 | 18 | 03 | 96 | 02 | 2 | 977 | 81 | 7 | 6 | 5 | 0 | 0 | 73 | 79 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | // | 89 | 0 | 0 | 9 | 0 | 0 | 79 | 07 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | // | 76 | 0 | 0 | 9 | 0 | 0 | 67 | / | — | — | 0.0 | — 0.6 | 0.0 | 6 |
| | Ormara | 000 | 0 | 1 | 27 | 14 | 96 | 02 | 0 | 949 | 86 | 1 | 6 | 6 | 0 | 0 | 74 | 89 | 000 | 0 | 6 | 27 | 10 | 96 | 02 | 2 | 970 | 82 | 6 | 6 | 6 | 0 | 0 | 76 | 76 | — | — | 0.0 | — 0.5 | 0.8 | 6 |
| | Lasbela | 000 | 0 | 0 | 23 | 02 | 97 | 02 | 0 | 018 | 13 | 0 | 0 | 9 | 0 | 0 | 73 | 09 | /// | 0 | 2 | 00 | 00 | 98 | 00 | 0 | 968 | 80 | 0 | 0 | 8 | 0 | 0 | 76 | 79 | — | — | 0.0 | | 0.0 | |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 7 | 27 | 12 | 96 | 02 | 2 | 951 | 86 | 7 | 5 | 6 | 0 | 0 | 76 | 88 | 000 | 0 | 7 | 27 | 12 | 96 | 02 | 2 | 978 | 83 | 7 | 6 | 5 | 0 | 0 | 72 | 80 | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 4 | 13 | 14 | 96 | 02 | 1 | 934 | 93 | 4 | 5 | 6 | 0 | 0 | 73 | 94 | 000 | 0 | 7 | 23 | 10 | 96 | 02 | 2 | 963 | 82 | 5 | 5 | 6 | 2 | 0 | 73 | 80 | — | — | 1.9 | — | 2.6 | 7 |
| | Hyderabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 4 | 25 | 09 | 97 | 02 | 0 | 960 | 85 | 0 | 0 | 9 | 0 | 1 | 73 | 81 | — | — | 0.7 | — 1.9 | 0.7 | 9 |
| | Badin | 000 | 0 | 7 | 23 | 12 | 97 | 03 | 2 | 957 | 74 | / | 4 | 6 | 0 | 0 | // | 93 | 000 | 0 | 5 | 23 | 09 | 96 | 03 | 1 | 978 | 83 | 5 | 8 | 6 | 0 | 0 | 73 | 81 | — | — | 0.1 | — 3.5 | 0.1 | |
| Khairpur | Padidan | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 894 | 07 | 0 | 0 | 9 | 0 | 4 | 69 | 08 | 000 | 0 | 2 | 13 | 02 | 96 | 03 | 0 | 941 | 85 | 0 | 0 | 9 | 0 | 4 | 73 | 79 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 3 | 18 | 05 | 96 | 01 | 0 | 907 | 05 | 0 | 0 | 9 | 0 | 2 | 70 | 07 | 000 | 0 | 2 | 18 | 10 | 96 | 03 | 0 | 944 | 85 | 0 | / | / | / | / | 75 | 79 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 902 | 06 | 0 | 0 | 9 | 0 | 0 | 73 | 08 | 000 | 0 | 6 | 23 | 05 | 96 | 0 | / | 964 | 84 | 0 | 0 | 9 | 7 | 0 | 72 | 80 | — | — | 1.4 | — | 1.4 | — |
| | Kashmore | 000 | 0 | 0 | 23 | 02 | 96 | 02 | 0 | 934 | 06 | 0 | 0 | 9 | 0 | 0 | 69 | 07 | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 0 | 960 | 87 | 0 | 0 | 9 | 0 | 0 | 74 | 82 | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 0 | 18 | 07 | 96 | 05 | 0 | 898 | 02 | 8 | 0 | 9 | 0 | 8 | 72 | 04 | 000 | 0 | 3 | 13 | 07 | 96 | 05 | 0 | 942 | 85 | 0 | 0 | 9 | 0 | 1 | 75 | // | — 4 | / / | 2.5 | + 1.5 | 2.9 | |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Skardu ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Alisbad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Rawalpindi | Murree * | 000 | 0 | 5 | 05 | 05 | 98 | 02 | 1 | 368 | 75 | 5 | 1 | 4 | 0 | 0 | 65 | 77 | 000 | 0 | 6 | 05 | 02 | 97 | 02 | 1 | 407 | 67 | 6 | 5 | 3 | 8 | 0 | 63 | 63 | + 1 | + 1 | 21.4 | + 7.3 | 29.9 | 18 |
| Malakand | Drosh * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 23 |
| Peshawar | Cherat * | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 376 | 92 | 0 | 0 | 9 | 0 | 0 | 65 | 91 | 030 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 404 | 78 | 0 | 0 | 9 | 0 | 0 | 69 | 62 | + 2 | — 9 | 3.9 | — 0.4 | 3.5 | — |
| | Kakul * | 000 | 0 | 1 | 16 | 05 | 97 | // | 1 | 343 | 67 | 0 | 0 | 9 | 0 | 1 | 58 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.5 | — | 32.4 | 29 |
| | Landikotal * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 083 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 399 | 85 | 0 | 0 | 9 | 0 | 0 | 67 | 72 | — | — | 5.1 | — | 14.7 | 13 |
| | Parachinar * | 000 | 0 | 6 | 13 | 07 | 97 | 17 | 02 | 372 | 85 | 5 | 9 | 6 | 0 | 3 | 57 | 87 | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 431 | 88 | / | / | / | / | / | 54 | 67 | + 1 | + 1 | 4.4 | — | 11.9 | 11 |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 00 | 0 | 376 | 96 | 5 | 0 | 9 | 0 | 2 | // | 98 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 391 | 78 | 0 | 0 | 9 | 0 | 0 | 72 | 70 | — | — | 0.0 | — 2.0 | 1.6 | 13 |
| | Wana * | 000 | 0 | 0 | 13 | 04 | 98 | 03 | 0 | 406 | 87 | 2 | 5 | 8 | 0 | 0 | 83 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.2 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 00 | 00 | 96 | 05 | 0 | 352 | 97 | 3 | 4 | 7 | 0 | 0 | 39 | 98 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 385 | 83 | 0 | 0 | 9 | 0 | 0 | // | // | + 1 | / / | 5.1 | + 3.0 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 09 | 98 | 02 | 0 | // | 93 | 0 | 0 | 9 | 0 | 0 | 59 | 90 | 000 | 0 | 0 | 29 | 02 | 98 | 02 | 0 | // | 81 | 0 | 0 | 9 | 0 | 0 | 45 | 61 | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai * | 000 | 0 | 0 | 03 | 01 | 96 | 02 | 0 | 360 | 99 | 0 | 0 | 9 | 0 | 0 | 61 | 93 | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 373 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 82 | — | — | 0.0 | — 2.7 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 1 | 13 | 12 | 97 | 03 | 0 | 364 | 95 | 1 | 1 | 6 | 0 | 0 | 63 | 93 | 000 | 0 | 1 | 13 | 05 | 96 | 04 | 0 | 396 | 76 | 0 | 0 | 9 | 0 | 1 | 61 | 65 | | 0 | — 3 | 0.4 | — 0.0 | 3.2 | — |
| | Chaman * | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 459 | 96 | 0 | 0 | 9 | 0 | 0 | 54 | 97 | 000 | 0 | 0 | 27 | 03 | 99 | 00 | 0 | 483 | 86 | 0 | 0 | 9 | 0 | 0 | 61 | 79 | — 4 | — 4 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 27 | 02 | 96 | 06 | 0 | 406 | 03 | 0 | 0 | 9 | 0 | 0 | 45 | 05 | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 435 | 83 | 0 | 0 | 9 | 0 | 0 | 52 | 81 | — | — | — | — | — | 4 |
| | Dalbandin * | 000 | 0 | 0 | 13 | 05 | 96 | 02 | 0 | 392 | 06 | 0 | 0 | 9 | 0 | 0 | // | 08 | 000 | 0 | 0 | 13 | 03 | 93 | 02 | 0 | 397 | 84 | 0 | 0 | 9 | 0 | 0 | 52 | 76 | — 1 | — | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | Kalat * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 2 | 388 | 72 | 0 | 0 | 9 | 0 | 0 | 54 | 70 | | + 14 | 0.0 | — 0.7 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 3 | 27 | 03 | 97 | 03 | 0 | 344 | 01 | 2 | 5 | 6 | 3 | 0 | 37 | 02 | 000 | 0 | 0 | 27 | 02 | 96 | 02 | 0 | 380 | 81 | 0 | 0 | 9 | 0 | 0 | 65 | 77 | — | — | 0.6 | — | 0.8 | 5 |
| | Panjgur * | 000 | 0 | 4 | // | 05 | 97 | 03 | 0 | 358 | 03 | 2 | 5 | 7 | 0 | 1 | 59 | 04 | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 394 | 81 | 0 | 0 | 9 | 0 | 0 | 73 | 75 | + 1 | — 1 | 0.0 | | | — |

Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 24th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ | N dd FF | VV $_{w\ w}$ W | PPP TT | $N_hC_hhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OI_sT_sT_dT_d$ | $1T_wT_wT_{w_1}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA ZAFRA ... | 99 2 05 | 10 6 37 | 23 1 23 | 62 5 24 | 97 0 22 | 99 5 27 | 54 4 70 | 00 1 23 | ... | ... | ... | 12 8 60 | 30 6 04 | |
| —do— ... | 99 2 41 | 10 6 34 | 23 1 23 | 82 5 13 | 92 0 22 | 95 5 81 | 63 7 // | 64 7 10 | ... | ... | 05 2 81 | 13 3 05 | 30 1 02 | 50 6 40 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoToToToDoDo | hhh T1T$_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 995 244 10 | 508 /// // | 440 188 03 | 006 // / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 993 276 42 | 531 /// // | 400 226 // | 053 124 / / | 577 055 / / | 750 121 // | 965 275 / | 244 487 / / | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 953 288 58 | 572 /// // | 302 566 3 | 037 136 / / | 577 057 / / | 750 115 / | 969 225 // | 251 461 . | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 972 310 50 | 567 /// // | 350 104 / / | 678 125 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels: PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PcPtPcTtTcTat | dcdctftftft | $P_1P_1P_1T_1T_1T_1$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 525 000 45 | 085 789 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 544 000 / / | 183 513 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 790 000 / / | 560 305 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chakdala ... | ... | 195 02 | 190 01 | 266 03 | 255 01 | 350 05 | 355 05 | 355 15 | ... | ... | 115 08 | 120 12 | 125 11 | 260 07 | ... | ... | 145 12 | 120 12 | 110 09 | 260 09 | 285 11 | 255 08 | 245 10 | 210 11 | ... | ... |
| Chhor ... | 220 14 | 215 12 | 200 13 | ... | 185 13 | ... | ... | ... | ... | 225 26 | 230 28 | 230 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 165 07 | 180 09 | 195 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 135 16 | 140 13 | 110 09 | 220 10 | 240 11 | ... | ... | ... | ... | 165 19 | 165 12 | 190 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 180 08 | 180 08 | 185 06 | 225 05 | 240 06 | 180 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 12 | 115 12 | 130 10 | 175 10 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 100 05 | 060 05 | 340 04 | 165 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 180 08 | 170 09 | 175 06 | 125 06 | 15 06 | 325 05 | 345 07 | 250 12 | 240 10 | 180 06 | 100 07 | 150 06 | 215 04 | 105 04 | 110 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 025 09 | 035 06 | 210 03 | 150 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 110 01 | 225 05 | 315 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 290 01 | 095 02 | 140 02 | 029 02 | 045 09 | 045 12 | ... | ... | ... | 300 02 | 165 02 | 165 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 180 03 | 205 05 | 160 05 | /// // | 310 12 | 335 15 | 310 17 | /20 21 | 290 25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 165 15 | 160 72 | 160 10 | 275 13 | 285 11 | ... | ... | ... | ... | 160 07 | 165 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 245 20 | 250 20 | 260 16 | ... | ... | ... | ... | ... | ... | 270 24 | 270 26 | 275 26 | 275 22 | 310 15 | 310 15 | 155 17 | 260 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 240 06 | 250 06 | 230 06 | 265 06 | 285 03 | 105 02 | 357 06 | 325 01 | 310 10 | 215 13 | 210 15 | 210 15 | 205 16 | 215 15 | 240 9 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | 005 02 | 290 02 | 260 03 | 26 03 | 241 03 | 260 05 | ... | ... | ... | ... | ... | ... | 215 08 | 285 07 | 305 11 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 005 02 | 290 02 | 280 04 | 265 03 | 241 03 | 260 05 | ... | ... | ... | 155 08 | 195 12 | 190 09 | 115 08 | 265 06 | 025 09 | 065 16 | 110 11 | 145 09 | 210 03 | 300 03 | 015 12 | 350 07 | 350 13 | 015 12 | 335 18 | ... |
| Multan ... | 215 09 | 205 07 | 205 11 | 215 15 | 250 08 | 300 05 | 325 02 | 335 07 | 010 05 | 190 07 | 215 19 | 230 10 | 145 03 | 005 09 | 020 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 190 08 | 205 08 | 220 07 | 340 05 | 315 10 | 350 15 | 325 12 | 350 14 | 040 03 | ... | ... | ... | ... | ... | ... | 150 04 | 135 03 | 050 06 | 030 08 | 020 07 | 020 12 | 060 17 | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 330 17 | 340 10 | 335 12 | 310 16 | 320 08 | 275 14 | 265 13 | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 050 12 | 085 09 | 135 11 | 170 03 | 275 06 | 325 06 | 020 04 | 140 05 | ... | 330 06 | 010 06 | 020 11 | 315 06 | 270 07 | ... | 255 02 | 145 03 | 210 03 | 210 09 | 220 10 | 255 10 | 295 08 | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 270 04 | 250 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 275 04 | 285 08 | 330 09 | 305 10 | 270 11 | ... | ... | ... | /// // | 295 04 | 275 06 | ... | ... | ... | /// / | 305 05 | 310 12 | 280 18 | 215 11 | 240 12 | 260 14 | ... |
| Sargodha ... | ... | ... | ... | 210 03 | ... | 305 13 | ... | 360 14 | ... | 310 05 | 250 06 | 250 06 | 185 08 | 125 04 | 025 08 | 070 03 | 080 01 | 120 01 | 165 04 | 135 02 | 310 71 | 130 10 | 300 15 | 295 11 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Hiii Cdd $V_r$ V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

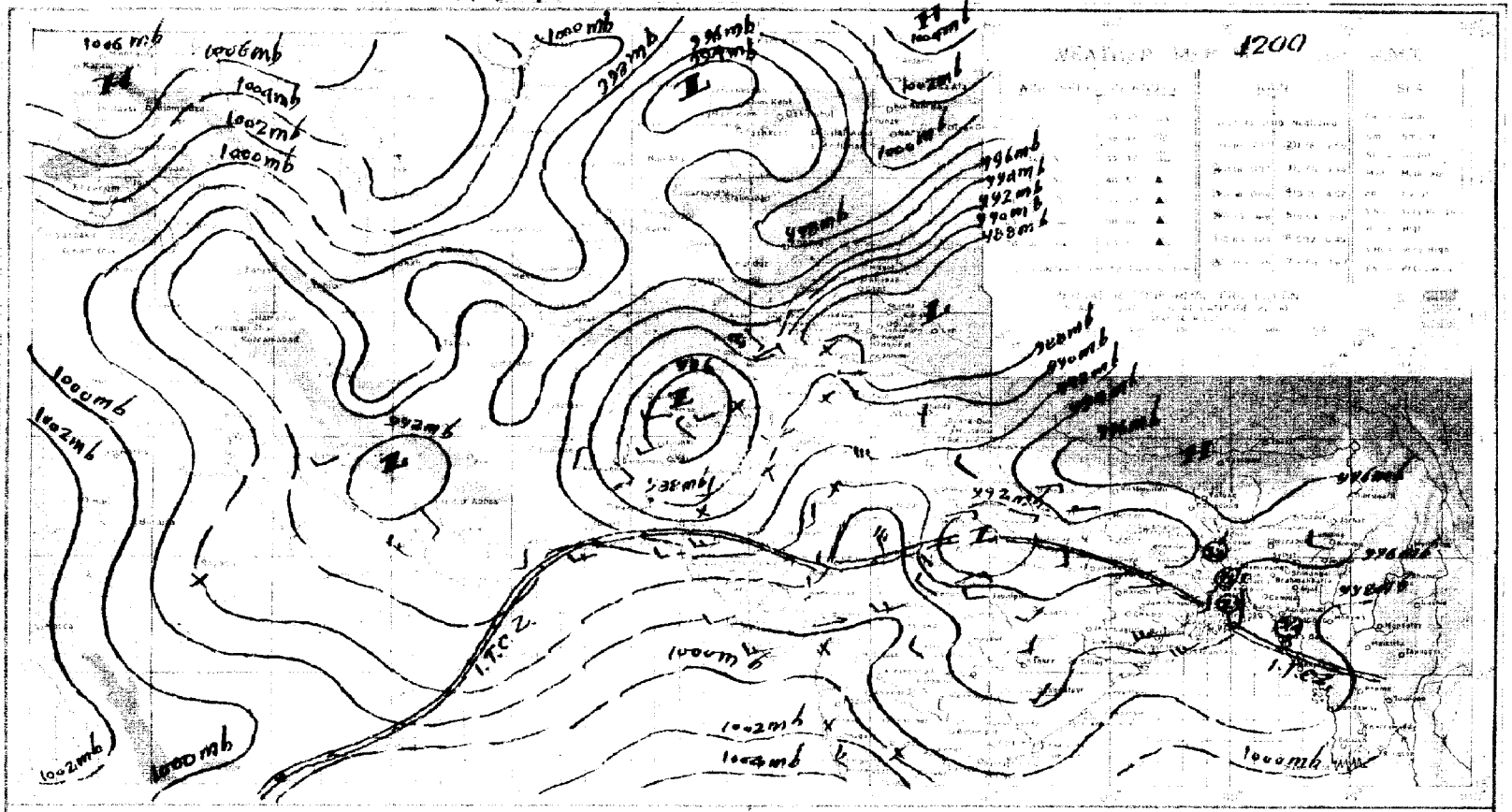
† The actual time of observations may vary within half an hour of the specified time.

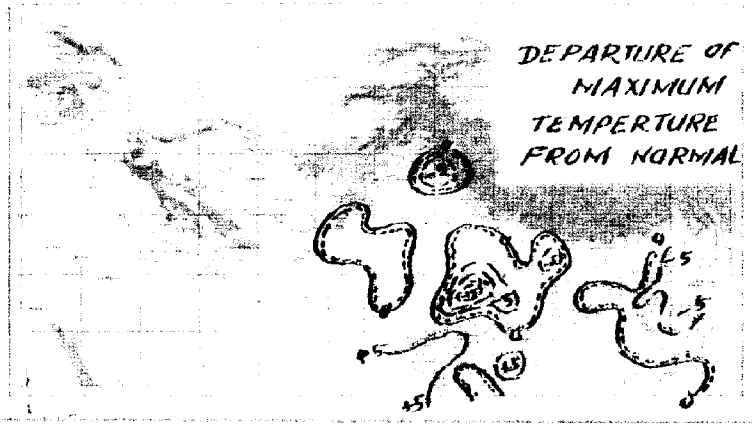
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

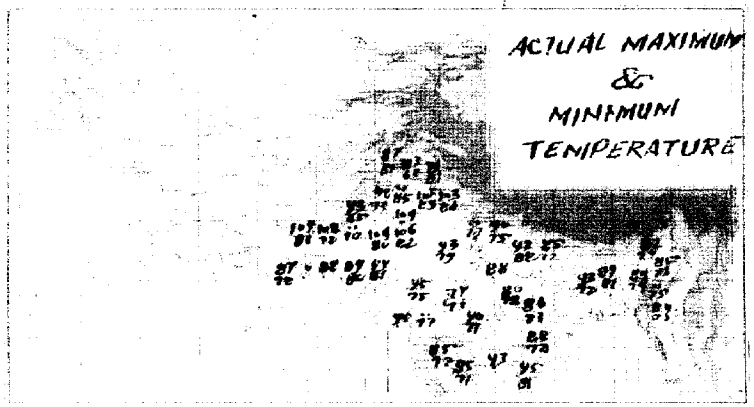
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

# PAKISTAN DAILY WEATHER MAP

FRIDAY 23rd JULY, 1971.

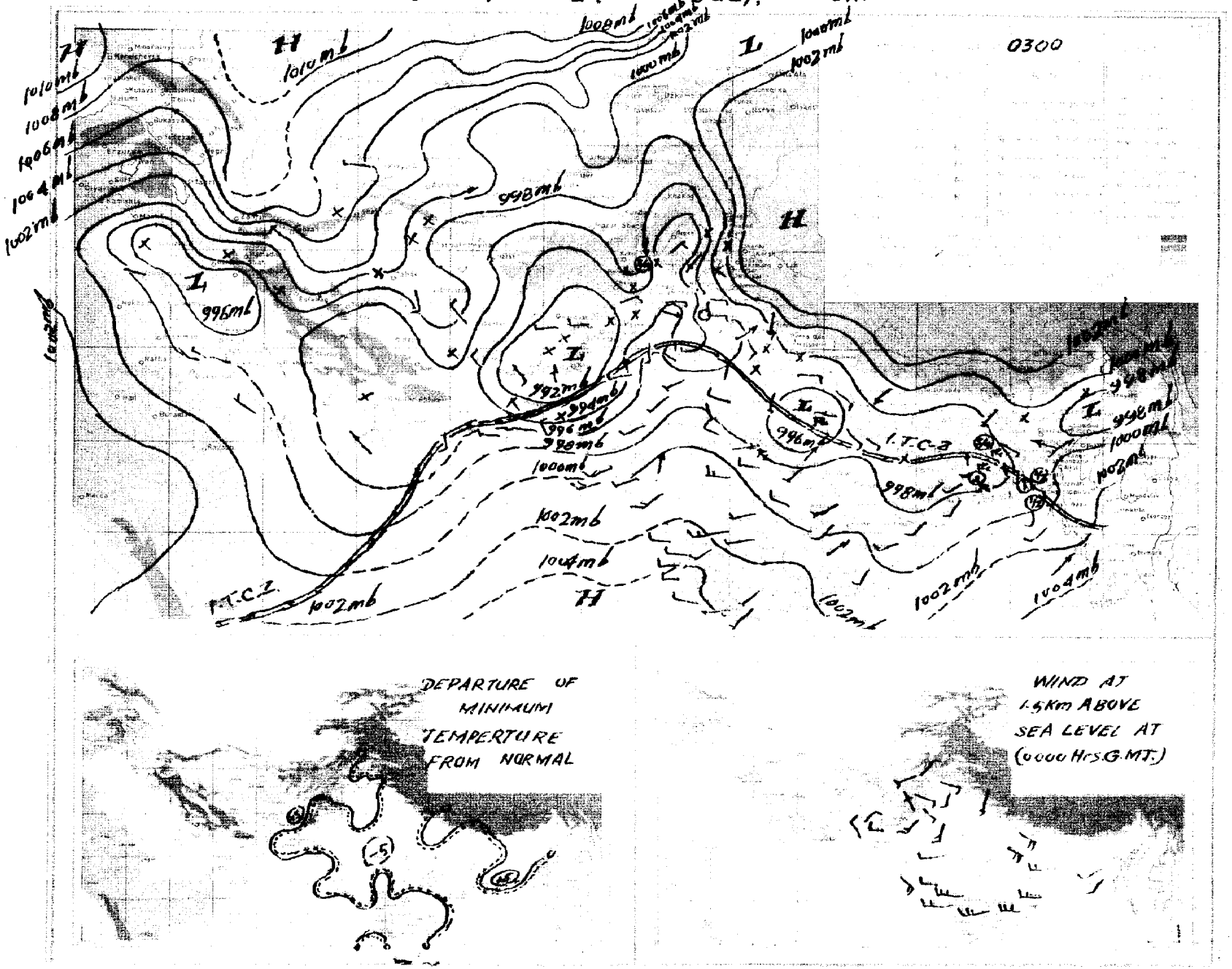


# PAKISTAN DAILY WEATHER MAP

SATURDAY 24th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**SUNDAY THE 25th JULY, 1971.**

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

Observations from West Bengal and adjoining Bihar and Orissa absent but apperantly a low has developed over West Bengal and adjoining East Pakistan.

Yesterday's low over southwest Uttar Pradesh and adjoining areas persists.

Local rainfall has been reported from Chittagong division and scattered from Dacca, Khulna and Rajshahi divisions.

Yesterday's western disturbance over East Russian Turkistan has moved away eastwards. Its associated trough over Kashmir and adjoining areas of West Pakistan persists.

Scattered thunderstorms/showers have occured in Lahore, Rawalpindi and Malakand divisions.

Chief amounts of rainfall are Cox's Bazar 3", Jessore and Hatiya 1" each, Pabna (upto 1200 GMT) ¾", Sialkot ½" and Murree, Chittagong and Srimangal (upto 0000 GMT) ¼" each.

Day temperatures were 3—4 °F (2 °C) above normal in Dacca, Rajshahi, Sargodha, Malakand and central Quetta divisions and were 3—8 °F (2—4 °C) below normal in Chittagong and Khairpur divisions.

**Forecast valid until the evening of the 26th July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan with a few moderately heavy falls over coastal districts. Scattered thunderstorms/showers are likely to occur over Lahore, Rawalpindi and Malakand divisions and in adjoining Kashmir. Isolated thunderstorms are also likely over Peshawar, Sargodha and D. I. Khan division. A few falls of light drizzle may occur over coastal Kalat and Karachi divisions. Weather will be dry elsewhere over West Pakistan.

Karachi-32
The 25th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

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

| DIVISIONS (1) | STATIONS (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wc (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths) PPP (11) | Dry Bulb temperature °F TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † 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 ... | 030 | 0 | 8 | 00 | 00 | 96 | 50 | 2 | 972 | 78 | 4 | 4 | 4 | 2 | 0 | 78 | 81 |
| | Chittagong ... | 000 | 1 | 7 | 13 | 16 | 96 | 60 | 2 | 967 | 80 | 7 | 7 | 3 | 3 | 0 | 77 | 86 |
| | Maijdee Court ... | 008 | 9 | 4 | 16 | 02 | 96 | 03 | 2 | 964 | 82 | 4 | 0 | 5 | 2 | 0 | 78 | 84 |
| | Comilla ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 0 | 952 | 89 | 4 | 8 | 5 | 3 | 0 | 75 | 91 |
| | Srimangal ... | 000 | 0 | 4 | 23 | 03 | 96 | 07 | 0 | 959 | 86 | 2 | 5 | 9 | 9 | 2 | 81 | 83 |
| Dacca | Mymensingh ... | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 961 | 87 | 4 | 5 | 5 | 0 | 0 | 80 | 93 |
| | Narayanganj ... | 000 | 0 | 5 | 14 | 02 | 95 | 02 | 2 | 955 | 87 | 4 | 6 | 6 | 3 | / | 80 | 87 |
| | Dacca (Tejgaon) ... | 000 | 0 | 6 | 13 | 05 | 97 | 02 | 2 | 957 | 85 | 3 | 3 | 5 | 4 | 1 | 78 | 89 |
| | Faridpur ... | | | | | | | | | | | | | | | | | |
| Khulna | Barisal ... | 000 | 0 | 1 | 27 | 07 | 97 | 03 | 0 | 989 | 99 | 1 | 1 | 7 | 0 | 0 | 72 | 00 |
| | Khulna ... | | | | | | | | | | | | | | | | | |
| | Satkhira ... | | | | | | | | | | | | | | | | | |
| | Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | Pabna ... | 080 | 0 | 4 | 10 | // | 99 | 03 | 1 | /// | 86 | 4 | 3 | 6 | 0 | 0 | 80 | 91 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | 027 | 1 | 8 | 00 | 00 | 96 | 02 | 6 | 945 | 83 | 6 | 7 | 4 | 3 | 0 | 83 | 83 |
| | Bogra ... | 008 | 8 | 5 | 00 | 00 | 96 | 02 | 2 | 952 | 90 | 3 | 2 | 4 | 3 | 0 | 79 | 90 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | | | | | | | | | | | | | | | | | |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 5 | 00 | 00 | 96 | 05 | 1 | 925 | 99 | 1 | 4 | 7 | 2 | 7 | 76 | 00 |
| | Sialkot ... | 000 | 0 | 6 | 00 | 00 | 98 | 00 | 0 | 937 | 97 | 2 | 4 | 6 | 2 | 0 | 77 | 96 |
| Rawalpindi | Jhelum ... | | | | | | | | | | | | | | | | | |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 000 | 0 | 6 | 13 | 03 | 96 | 06 | 1 | 915 | 96 | 1 | 1 | 6 | 0 | 1 | 75 | 99 |
| | Campbellpur ... | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 97 | 10 |
| Sargodha | Khushab ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sargodha ... | 000 | 0 | 6 | 18 | 03 | 96 | 06 | 0 | 915 | 04 | 0 | 0 | 9 | 3 | 1 | 77 | 05 |
| | Lyallpur ... | | | | | | | | | | | | | | | | | |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 5 | 18 | 07 | 96 | 05 | 1 | 918 | 04 | 2 | 0 | 9 | 3 | 1 | 71 | 05 |
| | Leiah ... | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur ... | ... | ... | ... | ... | ... | ... | ... | - | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bahawalpur ... | | | | | | | | | | | | | | | | | |
| | Fort Abbas ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdara ... | 008 | 0 | 1 | 27 | 02 | 97 | 03 | 0 | 989 | 99 | 1 | 1 | 7 | 0 | 8 | 72 | 88 |
| Peshawar | Peshawar ... | 000 | 0 | 0 | 09 | 03 | 96 | 06 | 0 | 892 | 02 | 0 | 0 | 9 | 0 | 0 | 69 | 03 |
| | Haripur ... | 000 | 0 | 0 | 23 | 05 | 97 | 00 | 0 | 906 | 99 | 0 | 0 | 9 | 0 | 0 | 74 | 88 |
| D. I.-Khan | Bannu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | D. I. Khan ... | | | | | | | | | | | | | | | | | |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 000 | 0 | 0 | 31 | 05 | 96 | 02 | 0 | 695 | 03 | 0 | 0 | 9 | 0 | 0 | 55 | 09 |
| Kalat | Turbat ... | 000 | 0 | 0 | 25 | 02 | 96 | 00 | 0 | 003 | 01 | 0 | 0 | 9 | 0 | 0 | // | 01 |
| | Jiwani ... | 000 | 0 | 2 | 18 | 09 | 96 | 02 | 0 | 960 | 83 | 2 | 6 | 5 | 0 | 0 | 74 | 86 |
| | Pasni ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 142 | 76 | 0 | 0 | 9 | 0 | 0 | 67 | 95 |
| | Ormara ... | 000 | 0 | 1 | 25 | 14 | 96 | 04 | 4 | 955 | 86 | 1 | 6 | 6 | 0 | 0 | 76 | 83 |
| | Lasbela ... | | | | | | | | | | | | | | | | | |
| Karachi division | Karachi (Manora) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) ... | 000 | 9 | 7 | 23 | 12 | 96 | 02 | 5 | 963 | 85 | 7 | 6 | 5 | 0 | 0 | 77 | 90 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | 000 | 0 | 6 | 23 | 14 | 96 | 02 | 2 | 947 | 93 | 6 | 5 | 6 | 0 | 0 | 73 | 93 |
| | Hyderabad ... | 000 | 0 | 3 | 23 | 09 | 97 | 01 | 0 | 944 | 95 | 0 | 0 | 9 | 0 | 1 | 73 | 00 |
| | Badin ... | 000 | 0 | 5 | 23 | 10 | 97 | 02 | / | 970 | 90 | 3 | 4 | 6 | 6 | 0 | 73 | 93 |
| Khairpur | Padidan ... | 080 | 0 | 6 | 18 | 05 | 96 | 03 | 1 | 921 | 04 | 6 | 0 | 9 | 7 | 0 | 66 | 06 |
| | Nawabshah ... | 000 | 0 | 6 | 13 | 09 | 96 | 02 | 2 | 930 | 02 | 6 | 0 | 9 | 0 | 3 | 73 | 05 |
| | Sukkur ... | 000 | 0 | 6 | 23 | 03 | 96 | 03 | 0 | 919 | 06 | 6 | 0 | 9 | 6 | 0 | 77 | 07 |
| | Kashmore ... | 000 | 0 | 6 | 23 | 03 | 98 | 03 | 0 | 929 | 03 | 0 | 0 | 9 | 6 | 0 | 79 | 83 |
| | Jacobabad ... | 000 | 0 | 2 | 28 | 03 | 96 | 05 | 0 | 914 | 105 | 1 | 0 | 9 | 3 | 1 | 72 | 105 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Drosh * ... | 000 | 0 | 7 | 23 | 09 | 97 | 95 | 9 | 394 | 83 | 7 | 9 | 7 | 0 | 0 | 48 | 00 |
| Peshawar | Cherat * ... | 000 | 0 | 0 | 28 | 06 | 98 | 00 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | 69 | 91 |
| | Kakul * ... | 000 | 0 | 5 | 16 | 09 | 95 | 05 | 1 | 395 | 86 | 2 | 3 | 6 | 0 | 3 | 65 | 91 |
| | Landikotal * ... | 000 | 0 | 2 | 18 | 05 | 93 | 03 | 0 | 379 | 94 | 2 | 0 | / | 0 | 3 | 64 | 96 |
| | Parachinar * ... | 000 | 0 | 4 | 13 | 02 | 97 | 02 | 0 | 338 | 87 | 2 | 2 | 7 | 4 | 0 | 50 | 88 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 4 | 05 | 01 | 97 | 00 | 1 | 388 | 99 | 4 | 0 | 9 | 0 | 1 | 99 | 00 |
| | Wana * ... | | | | | | | | | | | | | | | | | |
| Quetta | Fort Sandeman * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hindubagh * ... | 000 | 0 | 0 | 25 | 13 | 98 | 02 | 0 | /// | 93 | 0 | 0 | 9 | 0 | 0 | 71 | 96 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 372 | 00 | 0 | 0 | 9 | 0 | 0 | 65 | // |
| | Samungli (Quetta) * ... | 000 | 0 | 1 | 31 | 16 | 97 | 07 | 0 | 387 | 94 | 1 | 1 | 6 | 0 | 0 | 72 | 96 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | // | 00 | 0 | 452 | 99 | 0 | 0 | 9 | 0 | 0 | 69 | // |
| | Nushki * ... | 000 | 0 | 0 | 27 | 03 | 96 | 06 | 0 | 418 | 02 | 0 | 0 | 9 | 0 | 0 | 49 | 04 |
| | Dalbandin * ... | 000 | 0 | 0 | 31 | 03 | 96 | 02 | 0 | 394 | 07 | 0 | 0 | 9 | 0 | 0 | 69 | 09 |
| Kalat | Kalat * ... | 000 | 0 | 0 | 36 | 00 | 94 | 00 | 2 | 369 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 91 |
| | Khuzdar * ... | 000 | 0 | 5 | 10 | 35 | 97 | 03 | 0 | 357 | 00 | 3 | 1 | 7 | 6 | 0 | 46 | 02 |
| | Panjgur * ... | 000 | 8 | 2 | 31 | 05 | 96 | 05 | 0 | 385 | 04 | 0 | 0 | 9 | 0 | 1 | 68 | 05 |

**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 degree 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 cenths) PPP (28) | Dry Bulb temperature °F TT (29) | Amount of Lowest Cloud † Nh (30) | Low Cloud form † CL (31) | Height of Lowest Cloud † h (32) | Medium Cloud form † CM (33) | High Cloud form † CH (34) | Dewpoint temperature °F TdTd (35) | Minimum temperature TnTn (36) | Departure from Normal of: Maximum temperature TxTx (37) | Departure from Normal of: Minimum temperature TnTn (38) | Rainfall: Since 1st June, 1971 to-date (39) | Rainfall: Departure from normal (40) | Rainfall: Since 1st January, 1971 to-date (41) | Rainfall: Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 009 | 3 | 7 | 18 | 05 | 97 | 60 | 6 | 002 | 77 | 5 | 7 | 4 | 1 | / | 74 | 77 | — | — | — | — | — | — |
| Cox's Bazar | 318 | 3 | 8 | 09 | 03 | 96 | 51 | 5 | 906 | 77 | 6 | 6 | 3 | 5 | 0 | 76 | 76 | — 4 | 0 | 62.1 | +23.2 | — | 140 |
| Chittagong | 037 | 8 | 6 | 13 | 05 | 96 | 63 | 6 | 990 | 77 | 6 | 7 | 3 | 2 | / | 76 | 76 | 0 | — 1 | 48.0 | + 8.6 | — | 108 |
| Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | 30.4 | — 7.7 | — | 115 |
| Comilla | 000 | 9 | 8 | 13 | 05 | 96 | 02 | 2 | 984 | 80 | 4 | 4 | 5 | 2 | / | 74 | 77 | — | 0 | 23.0 | — 7.4 | — | 94 |
| Brahmanbaria | | | | | | | | | | | | | | | | | | — | — | — | — | — | 78 |
| Sylhet | 009 | 3 | 7 | 13 | 05 | 96 | 02 | 6 | 982 | 80 | 6 | 4 | 5 | 0 | / | 79 | // | — | — | 42.6 | — | — | — |
| Srimangal | 026 | 9 | 8 | 18 | 03 | 96 | 06 | / | 989 | 81 | | | / | 7 | 2 | 77 | 77 | — 8 | + 1 | — | — | — | 98 |
| Mymensingh | 000 | 0 | 4 | 13 | 02 | 97 | 01 | 1 | 960 | 84 | 4 | 5 | 5 | 0 | 0 | 81 | 79 | + 5 | + 1 | 32.7 | + 2.3 | — | 91 |
| Narayanganj | 000 | 0 | 8 | 13 | 02 | 97 | 03 | 2 | 979 | 84 | 8 | 6 | 3 | / | | 79 | 80 | — 11 | + 1 | — | — | — | 74 |
| Dacca (Tejgaon) | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 983 | 84 | 5 | 6 | 3 | 7 | 0 | 80 | 80 | — | — | 21.1 | — | — | — |
| Faridpur | | | | | | | | | | | | | | | | | | — | — | — | — | — | 71 |
| Barisal | 003 | 9 | 8 | 00 | 00 | 97 | 02 | 6 | 975 | 83 | 6 | 3 | 4 | 2 | / | 80 | 80 | + 13 | + 1 | 26.1 | — 3.0 | — | 81 |
| Khulna | | | | | | | | | | | | | | | | | | — | — | — | — | — | 68 |
| Satkhira | | | | | | | | | | | | | | | | | | — | — | — | — | — | 65 |
| Jessore | 120 | 2 | 5 | 09 | 03 | 96 | 01 | 5 | 970 | 84 | 4 | 6 | 3 | 2 | 0 | 80 | 80 | — | + 1 | 8.1 | —13.6 | — | 65 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 59 |
| Sirajganj | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| Rajshahi | 000 | 0 | 2 | 09 | 02 | 96 | 02 | 0 | 969 | 88 | 2 | 1 | 5 | 3 | 0 | 83 | 78 | — | — | — | — | — | — |
| Bogra | 000 | 0 | 6 | 18 | 03 | 96 | 02 | 1 | 952 | 86 | 5 | 4 | 4 | 2 | 0 | 80 | 80 | + 1 | + 1 | 5.8 | —16.8 | — | 69 |
| Dinajpur | | | | | | | | | | | | | | | | | | — | — | — | | — | 72 |
| Rangpur | | | | | | | | | | | | | | | | | | — | — | — | | — | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 0 | 5 | 09 | 03 | 96 | 05 | 2 | 975 | 85 | 1 | 5 | 7 | 7 | 0 | 75 | 84 | 0 | + 4 | 6.3 | + 0.3 | 9.5 | 19 |
| Sialkot | 042 | 3 | 8 | 00 | 00 | 98 | 02 | 9 | 984 | 78 | 3 | 5 | 6 | 2 | / | 75 | 71 | — 1 | — 8 | 12.2 | + 3.2 | 18.2 | 32 |
| Jhelum | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Islamabad | | | | | | | | | | | | | | | | | | — | — | — | — | — | |
| Rawalpindi | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 955 | 86 | 0 | 0 | 9 | 0 | 0 | 73 | 81 | + 2 | + 4 | 19.4 | +10.8 | 19.7 | 36 |
| Campbellpur | 000 | 0 | 0 | 09 | 01 | 97 | 00 | 0 | // | // | 0 | 0 | 9 | 0 | 0 | 83 | 76 | | | — | — | — | — |
| Khushab | 000 | 0 | 0 | 36 | 03 | 97 | 03 | 0 | 147 | 87 | 0 | 0 | 9 | 0 | 0 | 80 | // | — | // | 5.0 | + 0.1 | 7.4 | 15 |
| Sargodha | 000 | 0 | 0 | 09 | 03 | 96 | 06 | 0 | 962 | 88 | 0 | 0 | 9 | 0 | 0 | // | 85 | — | — | 3.1 | — | 7.2 | — |
| Lyallpur | | | | | | | | | | | | | | | | | | — | — | — | — | — | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| Multan | 000 | 0 | 0 | 12 | 05 | 96 | 05 | 0 | 958 | 88 | 0 | 0 | 9 | 0 | 0 | 77 | 88 | + 1 | + 4 | 1.8 | — 0.1 | 2.4 | 7 |
| Leiah | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Khanpur | 000 | 0 | 1 | 20 | // | 96 | 01 | 1 | 970 | 85 | 1 | 0 | 9 | 3 | 0 | 73 | 83 | — | — | 0.7 | — 1.8 | 0.6 | 6 |
| Bahawalpur | | | | | | | | | | | | | | | | | | — | — | — | — | — | 6 |
| Fort Abbas | /// | | 0 | 13 | 02 | 98 | 00 | 0 | 920 | 91 | 0 | 0 | 9 | 0 | 0 | 83 | 82 | — | — | — | — | — | 8 |
| Chakdara | 000 | 0 | 2 | 05 | 05 | 97 | 01 | 1 | 951 | 81 | 2 | 0 | 9 | 3 | 0 | 71 | 86 | — | — | 2.9 | | 1.3 | |
| Peshawar | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 951 | 88 | 0 | 0 | 9 | 0 | 0 | 79 | 79 | + 3 | — 1 | 2.3 | + 1.1 | 10.1 | 11 |
| Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.1 | — | 20.0 | — |
| Bannu | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 972 | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — | — | 0.6 | — | 3.0 | 11 |
| D. I. Khan | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Sibi | | | | | | | | | | | | | | | | | | — | — | | | | 5 |
| Nokkundi | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 964 | 91 | 0 | 0 | 9 | 0 | 0 | // | 77 | — | — | 0.0 | — | 0.0 | 2 |
| Turbat | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | — |
| Jiwani | 000 | 0 | 7 | 16 | 03 | 96 | 02 | 1 | 001 | 81 | 7 | 6 | 4 | 0 | 0 | 74 | 79 | — 5 | — 2 | 0.0 | — | 1.5 | 5 |
| Pasni | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 0.6 | 0.0 | 6 |
| Ormara | 000 | 0 | 7 | 17 | 05 | 96 | 02 | 2 | 992 | 81 | 6 | 6 | 6 | 0 | 0 | 75 | // | — | — | 0.8 | + 0.2 | 0.8 | 6 |
| Lasbela | | | | | | | | | | | | | | | | | | — | — | — | — | — | |
| Karachi (Manora) | 000 | 0 | 7 | 27 | 03 | 96 | 01 | 2 | 992 | 83 | 7 | 6 | 4 | 1 | 1 | 77 | 81 | — | + 1 | — | — | — | 8 |
| Karachi (Airport) | 000 | 0 | 7 | 27 | 14 | 96 | 03 | 2 | 990 | 83 | 7 | 6 | 5 | 0 | 0 | 76 | 81 | — | — | 0.0 | — | 0.2 | 8 |
| Nagarparker | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Chhor | 020 | 0 | 7 | 32 | 07 | // | 02 | 2 | 968 | // | 5 | 5 | 6 | 2 | 0 | 74 | // | — | — | 1.9 | — | 2.6 | 7 |
| Hyderabad | 000 | 0 | 6 | 25 | 09 | 97 | 01 | 0 | 974 | 84 | 6 | 0 | 9 | 3 | 0 | 74 | 81 | + 2 | 0 | 0.7 | — 2.0 | 0.7 | 9 |
| Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.1 | — 3.7 | 0.1 | — |
| Padidan | 000 | 0 | 4 | 13 | 03 | 96 | 03 | 0 | 964 | 85 | 0 | 0 | 9 | 0 | 0 | 73 | 80 | — | — | 0.8 | — | 0.0 | — |
| Nawabshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 000 | 0 | 6 | 20 | 03 | 96 | 02 | 1 | 904 | 82 | 6 | 2 | 6 | 0 | 0 | 78 | 78 | — | — | 1.3 | — | 1.3 | — |
| Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| Jacobabad | 000 | 0 | 2 | 13 | 07 | 96 | 05 | 0 | 968 | 85 | 2 | 0 | 9 | 3 | 0 | 78 | 83 | — 3 | — 1 | 2.5 | + 1.5 | 2.6 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Murree * | 031 | 2 | 8 | 13 | 02 | 96 | 03 | 6 | 426 | 66 | 8 | 5 | 3 | / | / | 64 | 60 | — | — 2 | 21.7 | + 7.1 | 30.2 | 29 |
| Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | — | 1.3 | — | 9.8 | — |
| Cherat * | 000 | 0 | 4 | 18 | 03 | 96 | 02 | 2 | 417 | 46 | 4 | 3 | 0 | 0 | 0 | 73 | 74 | + 2 | + 3 | 3.9 | — 0.5 | 3.5 | — |
| Kakul * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.5 | — | 32.4 | 29 |
| Landikotal * | 000 | 0 | 0 | 09 | 05 | 98 | 02 | 0 | 413 | 83 | 0 | 0 | 9 | 0 | 0 | 73 | 78 | — | — | 5.1 | — | 14.7 | 13 |
| Parachinar * | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 419 | 79 | 0 | 0 | 9 | 0 | 0 | 51 | 69 | + 3 | + 3 | 4.4 | — | 11.9 | 11 |
| Miranshah * | 000 | 0 | 0 | 05 | 03 | 99 | 00 | 0 | 040 | 77 | 0 | 0 | 9 | 0 | 0 | 66 | 73 | — | — | 0.0 | — 2.1 | 1.6 | 13 |
| Wana * | | | | | | | | | | | | | | | | | | — | — | — | | — | — |
| Fort Sandeman * | 000 | 0 | 0 | 31 | 02 | 96 | 05 | 0 | 406 | 83 | 0 | 0 | 9 | 0 | 0 | 57 | 76 | — | + 2 | 5.1 | + 3.0 | 2.9 | 9 |
| Hindubagh * | 000 | 0 | 0 | 25 | 05 | 98 | 02 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 49 | 65 | — | — | 0.4 | — | 2.1 | — |
| Loralai * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| Barkhan * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 385 | 85 | 0 | 0 | 9 | 0 | 0 | 65 | 81 | — | — | 0.0 | — 2.8 | 0.0 | 8 |
| Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 04 | 0 | 428 | 68 | 0 | 0 | 9 | 0 | 0 | 49 | 59 | + 3 | — 8 | 0.4 | — 0.1 | 3.2 | — |
| Chaman * | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 482 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 72 | // | + 3 | 0.0 | — 0.1 | 1.3 | — |
| Nushki * | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 436 | 84 | 0 | 0 | 9 | 0 | 0 | // | // | — | — | — | — | — | 4 |
| Dalbandin * | 000 | 0 | 1 | 03 | 02 | 97 | 02 | 0 | 431 | 90 | 0 | 0 | 9 | 0 | 0 | 54 | 77 | 0 | + 2 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat * | 000 | 0 | 0 | 13 | 00 | 93 | 00 | 2 | 431 | 89 | 0 | 0 | 9 | 0 | 0 | 52 | 77 | — 2 | + 21 | 0.0 | — 0.7 | 0.4 | — |
| Khuzdar * | 000 | 0 | 0 | 36 | 03 | 96 | 02 | 0 | 396 | 82 | 0 | 0 | 9 | 0 | 0 | 60 | 74 | — | — | 0.6 | — | 0.8 | 5 |
| Panjgur * | 000 | 0 | 3 | 00 | 00 | 97 | 03 | 0 | 420 | 80 | 0 | 0 | 9 | 0 | 1 | 70 | 76 | — 4 | 0 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 25th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV w w W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{w1}T_{w1}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA ... | 99 1 97 | 10 7 05 | 25 0 63 | 62 1 12 | 97 0 32 | 04 2 28 | 63 0 30 | 13 1 03 | ... | 86 4 90 | 01 2 27 | f... | ... | ... |
| Bay of Bengal ... | 99 1 54<br>99 0 60 | 10 6 59<br>10 8 89 | 25 0 03<br>25 0 03 | 82 2 15<br>42 4 25 | 98 0 22<br>98 0 12 | 99 9 30<br>07 8 27 | 61 3 40<br>12 4 41 | ...<br>25 5 02 | ...<br>... | ...<br>... | ...<br>0 ... 02 | 12 6 / / | ...<br>... | ...<br>... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo) | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTT. DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 996 274 38 | 515 /// / / | 380 244 19 | 082 148 64 | 564 004 / / | 760 075 / / | 977 221 / / | 216 431 / / | 451 541 / / | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 954 294 50 | ... | 360 276 59 | 073 164 60 | 583 029 / / | 759 075 / / | 976 251 / / | 258 459 / / | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT, DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTtac | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | ... | 945 115 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.—> | At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 180 05 | 170 06 | 200 06 | 260 11 | 315 13 | 325 17 | 335 21 | ... | ... | 110 11 | 110 15 | 130 03 | 215 08 | 270 15 | ... | 120 06 | 120 04 | 290 04 | 290 11 | 305 10 | 325 11 | 340 19 | 350 25 | ... | ... |
| Chhor ... | 215 17 | 215 10 | 205 13 | 165 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 140 13 | 135 10 | 115 11 | 150 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar | No | Ascent | due to | rain | | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | 155 12 | 155 06 | 145 06 | 145 06 | 140 08 | 135 17 | 110 15 | 065 14 | 070 15 | ... | ... | ... | ... | ... | ... | 050 08 | 050 13 | 050 12 | 025 12 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 027 13 | 045 08 | 010 14 | 350 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 190 80 | 185 14 | 156 10 | 102 24 | 255 18 | 009 01 | 308 10 | 285 31 | 222 56 | 110 10 | 170 18 | 185 13 | 145 10 | 095 06 | 010 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 075 01 | 150 01 | 100 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 265 04 | 305 08 | 390 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 170 10 | 100 16 | 145 06 | 225 07 | 315 15 | 335 15 | 315 17 | 229 19 | 205 16 | 150 03 | 135 03 | 155 03 | 123 05 | 135 10 | 200 33 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 185 12 | 220 08 | 240 05 | /// / / | 325 08 | 325 08 | 070 06 | 065 06 | 065 06 | 160 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 235 15 | 260 19 | 270 19 | ... | ... | ... | ... | ... | ... | 240 19 | 245 19 | 245 19 | 265 17 | 285 14 | 355 10 | 270 26 | 270 33 | 275 24 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 190 10 | 208 10 | 200 10 | 115 66 | 070 20 | 035 10 | 081 01 | 010 27 | 360 10 | 205 10 | 225 11 | 225 10 | 205 12 | 150 12 | 150 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 290 07 | 305 03 | 310 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 085 04 | 110 06 | 140 04 | 160 07 | 247 / / | 275 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 115 07 | 115 06 | 040 04 | 315 01 | 285 04 | 290 12 | ... | ... | ... | ... | ... |
| Multan ... | 180 11 | 175 09 | 170 08 | 180 04 | 350 06 | 345 19 | 350 14 | 315 12 | 210 11 | 140 08 | 160 12 | 185 07 | 270 07 | 290 06 | 290 06 | 200 16 | 200 13 | 215 16 | 195 17 | 175 05 | 350 09 | ... | 330 13 | ... | ... | ... |
| Nawab Shah ... | 165 10 | 165 06 | 135 02 | 040 04 | 020 57 | 030 16 | 060 15 | 040 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 340 08 | 325 06 | 340 04 | 310 04 | 275 07 | 225 16 | ... | ... | ... | 010 10 | 335 23 | 010 10 | 280 08 | ... | ... | 010 10 | 335 15 | 325 10 | 260 11 | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 055 06 | 120 04 | 175 07 | 245 06 | 265 06 | 051 12 | 220 17 | ... | ... | 325 05 | 285 04 | 225 06 | 245 03 | 245 03 | 005 05 | 245 01 | ... | ... | 235 03 | 265 05 | ... | 180 04 | 225 08 | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 335 15 | 305 10 | 290 12 | 240 11 | 235 13 | ... | ... | ... | ... | 295 05 | 305 07 | ... | ... | ... | ... | 305 03 | 295 01 | ... | 150 01 | 250 03 | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 02 | 235 04 | 235 07 | 230 09 | 323 09 | 035 06 | 040 02 | 105 01 | 150 27 | 265 02 | 050 03 | 260 04 | 285 11 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.-> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (Hiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

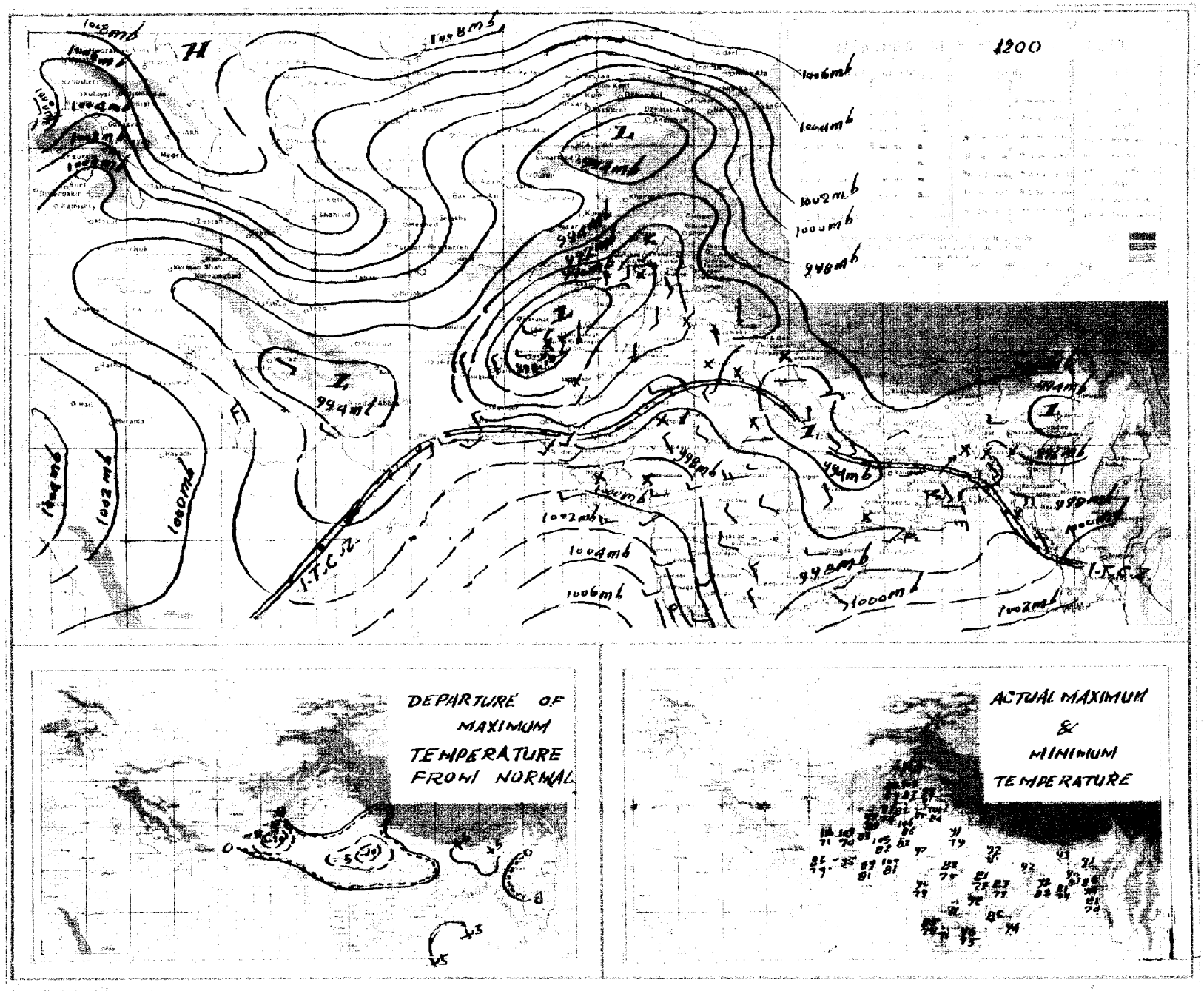
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

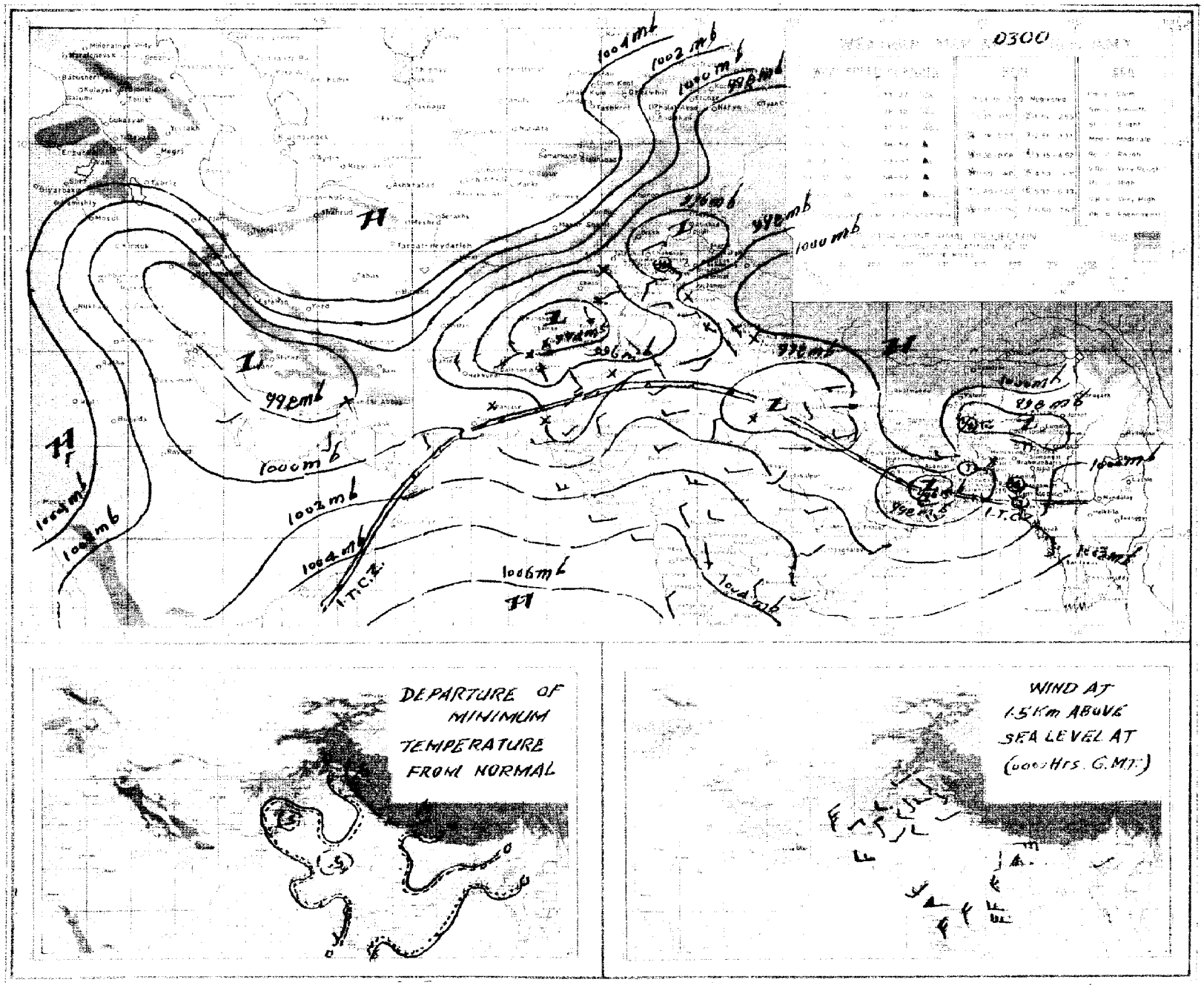
# PAKISTAN DAILY WEATHER MAP

SATURDAY 24 JULY 1971



# PAKISTAN DAILY WEATHER MAP

SUNDAY 25th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 26th JULY, 1971.

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

Observations from West Bengal and adjoining areas are absent but believe yesterday's low over West Bengal and adjoining East Pakistan persists and extends upto north Bay of Bengal.

Yesterday's low over southwest Uttar Pradesh has moved northeastwards and to-day lies over northeast Uttar Pradesh and adjoining areas.

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

The trough over Kashmir and adjoining areas of West Pakistan has moved away eastwards.

A westerly low pressure wave is moving across Russian Turkistan and northern Afghanistan.

Scattered thunderstorms/showers have occured in Lahore, Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are Cox's Bazar 5" and Bhola, Hatiya (upto 0000 GMT), Barisal, Rangpur and Kakul ½" each.

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

**Forecast valid until the evening of the 27th July, 1971** :—Rain/thundershowers will be fairly widespread over southern districts and local elsewhere over East Pakistan. Scattered rain/thunderstorms are also likely to occur over Lahore and Rawalpindi divisions and in adjoining Kashmir. Weather will be mainly dry elsewhere over West Pakistan.

**Earth Quake Report** Seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 25th July 1971 at 18 hours 01 minutes W.P.S.T. Its epicentre lies about 3900 miles southeast of Quetta near Celebes Sea. And another earthquake of violent intensity was recorded on 26th July, 1971 at 06 hours 36 minutes W.P.S.T. Its epicentre lies about 6000 miles southeast of Quetta near Guinea.

Karachi-32
The 26th July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † GL (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 ... | 016 | 7 | 7 | 18 | 02 | 97 | 21 | 6 | 982 | 79 | 6 | 7 | 4 | 1 | / | 7/ | 82 |
| | Cox's Bazar ... | 085 | 9 | 8 | 00 | 00 | 96 | 50 | 6 | 980 | 79 | 6 | 5 | 3 | 6 | 9 | 75 | 99 |
| | Chittagong ... | 039 | 9 | 7 | 13 | 07 | 96 | 02 | 6 | 959 | 81 | 1 | 6 | 3 | 1 | 0 | 77 | 83 |
| | Maijdee Court ... | 030 | 9 | 8 | 18 | 02 | 96 | 03 | 6 | 954 | 81 | 6 | 5 | 4 | 2 | 0 | 77 | 81 |
| | Comilla ... | | | | | | | | | | | | | | | | | |
| | Brahmanbaria ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Sylhet ... | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 2 | 955 | 83 | 6 | 5 | 2 | 3 | / | 79 | 79 |
| | Srimangal ... | 026 | 9 | 6 | 13 | 04 | 96 | 01 | 6 | 963 | 83 | 3 | 9 | 4 | 7 | 1 | 77 | 84 |
| Dacca | Mymensingh ... | 000 | 0 | 2 | 13 | 02 | 97 | 01 | 1 | 964 | 83 | 2 | 0 | 7 | 1 | 0 | 81 | 92 |
| | Narayanganj ... | 000 | 0 | 4 | 16 | 05 | 96 | 02 | 2 | 944 | 84 | 2 | 4 | 5 | 1 | 0 | 79 | 88 |
| | Dacca (Tejgaon) ... | 000 | 0 | 6 | 02 | 05 | 97 | 02 | 2 | 955 | 83 | 4 | 8 | 5 | 6 | 1 | 77 | 84 |
| | Faridpur ... | 000 | 0 | 8 | 19 | 03 | 95 | 03 | 2 | 959 | 84 | 5 | 6 | 4 | 3 | 1 | 77 | 84 |
| Khulna | Barisal ... | 005 | 8 | 7 | 14 | 05 | 96 | 02 | 6 | 958 | 83 | 5 | 4 | 4 | 7 | 0 | 77 | 84 |
| | Khulna ... | | | | | | | | | | | | | | | | | |
| | Satkhira ... | 000 | 0 | 8 | 18 | 05 | 97 | 50 | 5 | 953 | 79 | 8 | 7 | 9 | 0 | 0 | 79 | 84 |
| | Jessore ... | 002 | 2 | 6 | 09 | 05 | 96 | 02 | 5 | 952 | 83 | 5 | 6 | 4 | 2 | 0 | 77 | 92 |
| Rajshahi | Pabna ... | | | | | | | | | | | | | | | | | |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Bogra ... | | | | | | | | | | | | | | | | | |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 6 | 27 | 02 | 96 | 05 | 2 | 920 | 00 | 2 | 5 | 7 | 1 | 7 | // | 01 |
| | Sialkot ... | 042 | 0 | 7 | 00 | 00 | 98 | 03 | 1 | 932 | 96 | 0 | 0 | 9 | 0 | 6 | 79 | 96 |
| Rawalpindi | Jhelum ... | 000 | 0 | 4 | 13 | 05 | 96 | 03 | 1 | /18 | 99 | 0 | 0 | 9 | 1 | 1 | 75 | 99 |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 000 | 0 | 4 | 18 | 03 | 96 | 06 | 1 | 915 | 98 | 1 | 1 | 6 | 0 | 1 | 74 | 99 |
| | Campbellpur ... | 000 | 0 | 0 | 20 | 00 | 98 | 00 | 0 | /0 | 02 | 0 | 0 | 9 | 0 | 0 | // | // |
| Sargodha | Khushab ... | 000 | 0 | 0 | 00 | 00 | 97 | 06 | 0 | 932 | 06 | 0 | 0 | 9 | 0 | 0 | 75 | 08 |
| | Sargodha ... | 000 | 0 | 1 | 01 | 19 | 96 | 06 | 0 | 919 | 04 | 0 | 0 | 9 | 0 | 1 | 76 | 05 |
| | Lyallpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 4 | 18 | 05 | 96 | 05 | 1 | 923 | 03 | 1 | 0 | 9 | 3 | 1 | 74 | 04 |
| | Leiah ... | | | | | | | | | | | | | | | | | |
| Bahawalpur | Khanpur ... | 000 | 0 | 2 | 23 | 02 | 96 | 02 | 0 | 923 | 05 | 0 | 8 | 9 | 0 | 1 | 68 | 06 |
| | Bahawalpur ... | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 932 | 03 | 0 | 0 | 9 | 0 | 0 | 64 | 04 |
| | Fort Abbas ... | /// | / | 0 | 23 | 04 | 98 | 00 | 0 | 899 | 13 | 0 | 0 | 9 | 0 | 0 | 93 | 14 |
| Malakand | Chakdara ... | 000 | 0 | 2 | 27 | 07 | 95 | 03 | 0 | 889 | 00 | 2 | 2 | 7 | 0 | 0 | 76 | 01 |
| Peshawar | Peshawar ... | 000 | 0 | 2 | 36 | 03 | 96 | 06 | 0 | 895 | 01 | 1 | 1 | 6 | 0 | 1 | 77 | 03 |
| | Haripur ... | 000 | 0 | 0 | 23 | 03 | 97 | 00 | 0 | 903 | 99 | 0 | 0 | 9 | 0 | 0 | 71 | 01 |
| D. I. Khan | Bannu ... | 000 | 0 | 0 | 13 | 01 | 99 | 00 | 0 | 926 | 03 | 0 | 0 | 9 | 0 | 0 | 67 | // |
| | D. I. Khan ... | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 908 | 02 | 0 | 0 | 9 | 0 | 0 | 63 | 07 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 000 | 0 | 0 | 31 | 05 | 95 | 05 | 0 | 920 | 06 | 0 | 0 | 9 | 0 | 0 | 61 | 07 |
| Kalat | Turbat ... | 000 | 0 | 0 | 25 | 02 | 98 | 00 | 0 | 003 | 01 | 0 | 0 | 9 | 0 | 0 | 39 | 01 |
| | Jiwani ... | 000 | 0 | 2 | 18 | 02 | 96 | 01 | 1 | 981 | 85 | 2 | 6 | 4 | 0 | 0 | 74 | 06 |
| | Pasni ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | //. | 76 | 0 | 0 | 9 | 0 | 0 | 76 | 09 |
| | Ormara ... | 000 | 0 | 3 | 27 | 23 | 96 | 06 | 6 | 967 | 84 | 3 | 6 | 7 | 3 | 0 | 75 | 87 |
| | Lasbela ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi division | Karachi (Manora) ... | 000 | 0 | 5 | 25 | 09 | 96 | 03 | 1 | 977 | 85 | 2 | 6 | 4 | 3 | 0 | 76 | 86 |
| | Karachi (Airport) ... | 000 | 0 | 5 | 25 | 09 | 96 | 03 | 1 | 977 | 85 | 2 | 6 | 4 | 3 | 0 | 76 | 86 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | 000 | 0 | 7 | 23 | 14 | 96 | 03 | 2 | 957 | 93 | 5 | 5 | 6 | 3 | 0 | 75 | 95 |
| | Hyderabad ... | 000 | 0 | 5 | 23 | 09 | 97 | 03 | 1 | 958 | 94 | 0 | 0 | 9 | 3 | 1 | 72 | 98 |
| | Badin ... | 000 | 0 | 5 | 23 | 10 | 97 | 00 | 1 | 980 | 89 | 5 | 4 | 6 | 0 | 0 | 73 | 94 |
| Khairpur | Padidan ... | 003 | 0 | 4 | 18 | 03 | 96 | 03 | 1 | 934 | 06 | 2 | 4 | 7 | 3 | 0 | 65 | 10 |
| | Nawabshah ... | 000 | 0 | 2 | 18 | 05 | 96 | 01 | 0 | 943 | 04 | 2 | 0 | 9 | 0 | 2 | 76 | 05 |
| | Sukkur ... | 000 | 0 | 0 | 23 | 03 | 96 | 02 | 0 | 924 | 07 | 0 | 0 | 9 | 0 | 0 | 76 | 09 |
| | Kashmore ... | 000 | 0 | 0 | 23 | 02 | 98 | 02 | 0 | 924 | 05 | 0 | 0 | 9 | 0 | 0 | 70 | 06 |
| | Jacobabad ... | 000 | 0 | 5 | 18 | 03 | 96 | 05 | 1 | 920 | 06 | 7 | 7 | 9 | 0 | 6 | // | 06 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 000 | 0 | 8 | 13 | 05 | 97 | 03 | 1 | 393 | 75 | 8 | 5 | 3 | / | / | 68 | 76 |
| Malakand | Drosh * ... | 000 | 8 | 5 | 23 | 10 | 97 | 06 | 0 | 346 | 99 | 1 | 2 | 7 | 7 | 0 | 49 | 02 |
| Peshawar | Cherat * ... | 000 | 0 | 3 | 18 | 03 | 97 | 01 | 2 | 391 | 91 | 3 | 0 | 8 | 2 | 0 | 69 | 91 |
| | Kakul * ... | 019 | 6 | 3 | 16 | 09 | 95 | 05 | 6 | 395 | 86 | 3 | 3 | 6 | 0 | 3 | 68 | 87 |
| | Landikotal * ... | 000 | 0 | 2 | 18 | 05 | 98 | 03 | 0 | 389 | 94 | 2 | 0 | / | 0 | 3 | 71 | // |
| | Parachinar * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * ... | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | /// | 03 | 0 | 0 | 9 | 0 | 0 | 67 | 04 |
| | Wana * ... | 080 | 0 | 0 | 13 | 06 | 98 | 00 | 0 | 381 | 95 | 0 | 0 | 9 | 0 | 0 | 83 | 00 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 1 | 27 | 02 | 97 | 02 | 0 | 371 | 01 | 0 | 0 | 9 | 0 | 1 | 33 | 01 |
| | Hindubagh * ... | 000 | 0 | 0 | 25 | 25 | 94 | 05 | 0 | /// | 93 | 0 | 0 | 9 | 0 | 0 | 54 | 96 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 377 | 07 | 0 | 0 | 9 | 0 | 0 | 44 | 08 |
| | Samungli (Quetta) * ... | 000 | 0 | 0 | 31 | 12 | 96 | 06 | 0 | 408 | 93 | 0 | 0 | 9 | 0 | 0 | 53 | 95 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 95 | 05 | 0 | 444 | 97 | 0 | 0 | 9 | 0 | 0 | 45 | 98 |
| | Nushki * ... | 000 | 0 | 0 | 31 | 12 | 94 | 06 | 0 | 427 | 01 | 0 | 0 | 9 | 0 | 0 | 44 | 03 |
| | Dalbandin * ... | 000 | 0 | 0 | 13 | 03 | 97 | 02 | 0 | 429 | 06 | 0 | 0 | 9 | 0 | 0 | // | 08 |
| Kalat | Kalat * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Khuzdar * ... | 000 | 0 | 1 | 13 | 10 | 97 | 03 | 0 | 383 | 01 | 1 | 1 | 7 | 0 | 0 | // | 05 |
| | Panjgur * ... | 000 | 0 | 1 | 36 | 07 | 97 | 02 | 0 | 409 | 04 | 0 | 0 | 9 | 0 | 1 | // | 00 |

**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 degree 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 TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum temperature TnTn (38) | Rainfall Since 1st June, 1971 to-date (39) | Departure from normal (40) | Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Cox's Bazar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 14 | — | 82.1 | +21.8 | — | 140 |
| Chittagong | 007 | 9 | 7 | 13 | 12 | 96 | 60 | 6 | 980 | 79 | 6 | 4 | 4 | 2 | 0 | 75 | 76 | — 3 | — 1 | 48.1 | + 7.8 | — | 108 |
| Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | | 30.4 | — 8.6 | — | 115 |
| Comilla | | | | | | | | | | | | | | | | | | | | — | — | — | 94 |
| Brahmanbaria | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 9?8 | 84 | 0 | 0 | 9 | 3 | 0 | 77 | 77 | — | — | — | — | — | 78 |
| Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 42.8 | — | — | — |
| Srimangal | 005 | 9 | 5 | 11 | 03 | // | // | / | | | | | | | | | | — 7 | | — | — | — | 98 |
| Mymensingh | 003 | 0 | 5 | 13 | 04 | 97 | 02 | 1 | 960 | 84 | 5 | 5 | 5 | 0 | 0 | 81 | 79 | + 4 | + 1 | 32.7 | + 1.7 | — | 91 |
| Narayanganj | 000 | 0 | 8 | 09 | 04 | 97 | 03 | 2 | 965 | 84 | 8 | 6 | 4 | / | / | 75 | 80 | 0 | + 2 | 31.0 | —20.2 | — | 74 |
| Dacca (Tejgaon) | 005 | 3 | 7 | 13 | 05 | 97 | 02 | 2 | 976 | 83 | 6 | 8 | 3 | 7 | 0 | 75 | 79 | — | | 21.1 | — | — | — |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | — | — | — | 71 |
| Barisal | 023 | 9 | 7 | 14 | 12 | 96 | 02 | 6 | 953 | 83 | 6 | 3 | 3 | 2 | 0 | 79 | 78 | — 3 | 0 | 26.4 | — 3.3 | — | 81 |
| Khulna | | | | | | | | | | | | | | | | | | | | — | — | — | 68 |
| Satkhira | 010 | 0 | 4 | 00 | 00 | 97 | 03 | 5 | 950 | 83 | 4 | 3 | 9 | 0 | 0 | 81 | 80 | — | — | 19.8 | — 2.8 | — | 65 |
| Jessore | 015 | 8 | 8 | 36 | 05 | 96 | 20 | 6 | 941 | 81 | 6 | 7 | 3 | 2 | 0 | 77 | 79 | + 3 | 0 | 8.1 | —14.1 | — | 65 |
| Pabna | | | | | | | | | | | | | | | | | | | | — | — | — | 59 |
| Sirajganj | | | | | | | | | | | | | | | | | | | | — | — | — | 64 |
| Rajshahi | 000 | 0 | 4 | 09 | 02 | 96 | 02 | 0 | 943 | 88 | 8 | 2 | 2 | 3 | 1 | 79 | 90 | — | — | — | — | — | — |
| Bogra | | | | | | | | | | | | | | | | | | | | — | — | — | 69 |
| Dinajpur | | | | | | | | | | | | | | | | | | | | — | — | — | 72 |
| Rangpur | 000 | 0 | 4 | 09 | 02 | 96 | 01 | 2 | 977 | 89 | 4 | 0 | 9 | 2 | 0 | 81 | 79 | — | + 1 | 23.9 | — 7.7 | — | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 000 | 1 | 7 | 00 | 00 | 96 | 50 | 2 | 944 | 87 | 2 | 5 | 6 | 2 | 0 | 74 | 84 | + 1 | + 4 | 6.3 | + 0.3 | 9.5 | 19 |
| Sialkot | 006 | 2 | 8 | 09 | 02 | 97 | 60 | 6 | 957 | 79 | 5 | 5 | 5 | 2 | / | 78 | 78 | — 1 | — 1 | 12.3 | + 3.0 | 18.3 | 32 |
| Jhelum | 000 | 0 | 5 | 03 | 00 | 96 | 03 | 0 | 920 | 86 | 2 | 5 | 6 | 1 | 0 | 78 | // | — | — | 7.1 | — | 11.7 | — |
| Islamabad | | | | | | | | | | | | | | | | | | — | — | — | — | | — |
| Rawalpindi | 000 | 0 | 7 | 13 | 03 | 97 | 03 | 1 | 933 | 85 | 1 | 9 | 3 | 1 | / | 77 | 83 | + 2 | + 6 | 19.4 | +10.5 | 19.7 | 36 |
| Campbellpur | 000 | 0 | 0 | 09 | 03 | 97 | 00 | 0 | | 89 | 0 | 0 | 9 | 0 | 0 | 78 | 73 | — | — | — | — | | — |
| Khushab | 000 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | ¿83 | 88 | 0 | 0 | 9 | 0 | 0 | 73 | // | + 7 | // | 5.0 | + 0.5 | 7.0 | 15 |
| Sargodha | 000 | 0 | 6 | 05 | 03 | 96 | 05 | 2 | 924 | 87 | 6 | 0 | 9 | 7 | 0 | 71 | 86 | — | | 3.2 | — | 7.2 | — |
| Lyallpur | 000 | 0 | 4 | 29 | 02 | 97 | 02 | 1 | 931 | 86 | 4 | 4 | 7 | 0 | 0 | 75 | 85 | — | + 3 | 6.2 | + 2.6 | 9.5 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | — | | — | — | — | 10 |
| Multan | 000 | 0 | 4 | 18 | 05 | 96 | 07 | 1 | 924 | 86 | 1 | 0 | 9 | 3 | 1 | 76 | 86 | 0 | + 2 | 1.8 | — 0.2 | 2.4 | 7 |
| Leiah | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Khanpur | 000 | 0 | 1 | 23 | 07 | 96 | 02 | 0 | 941 | 84 | 0 | 0 | 9 | 0 | 1 | 73 | 82 | — | — | 0.2 | — 0.1 | 0.6 | 6 |
| Bahawalpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — 2.1 | 0.3 | 6 |
| Fort Abbas | /// | / | 0 | 31 | 04 | 98 | 00 | 0 | 913 | 89 | 0 | 0 | 9 | 0 | 0 | 69 | 82 | — | — | — | — | — | 8 |
| Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 2.9 | — | 13.0 | — |
| Peshawar | 000 | 0 | 1 | 36 | 02 | 96 | 06 | 0 | 908 | 90 | 1 | 0 | 9 | 0 | 3 | 77 | 85 | + 2 | + 5 | 2.3 | + 1.0 | 10.8 | 11 |
| Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.1 | — | 20.0 | |
| Bannu | 000 | 0 | 0 | 00 | 00 | 99 | 00 | 0 | 935 | 85 | 0 | 0 | 9 | 0 | 0 | 76 | 84 | — | — | 0.7 | — | 3.0 | 11 |
| D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.5 | — 1.9 | 3.3 | — |
| Sibi | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Nokkundi | 000 | 0 | 0 | 31 | 14 | 95 | 05 | 4 | 981 | 87 | 0 | 0 | 9 | 0 | 0 | 41 | 81 | — | — | 0.0 | — | 0.0 | 5 |
| Turbat | 000 | 0 | 0 | 27 | 02 | 98 | 00 | 0 | 844 | 82 | 0 | 0 | 9 | 0 | 0 | 73 | 83 | — | — | 0.0 | — | 0.0 | 2 |
| Jiwani | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 0 | 987 | 80 | 7 | 6 | 4 | 0 | 0 | 76 | 78 | — | — | 0.0 | — | 1.5 | — |
| Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 70 | 0 | 0 | 9 | 0 | 0 | 67 | // | + 6 | // | 0.0 | — 0.6 | 0.0 | 5 |
| Ormara | 000 | 0 | 6 | 27 | 07 | 96 | 02 | 2 | 976 | 81 | 6 | 6 | 6 | 0 | 0 | 75 | // | — | — | 0.8 | + 0.2 | 0.8 | 6 |
| Lasbela | /// | / | 0 | 00 | 00 | 98 | 00 | 0 | 987 | 81 | 0 | 0 | 9 | 0 | 0 | 75 | 79 | — | — | 0.0 | — | 0.0 | 6 |
| Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 1 | | — | — | — | 8 |
| Karachi (Airport) | 000 | 0 | 7 | 27 | 10 | 96 | 03 | 2 | 975 | 81 | 5 | 6 | 5 | 3 | 0 | 77 | 80 | — | — | 0.0 | — | 0.2 | 8 |
| Nagarparker | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Chhor | 020 | 0 | 3 | 23 | 21 | 96 | 01 | 2 | 960 | 82 | 1 | 5 | 6 | 0 | 3 | 75 | 79 | — | — | 1.9 | — | 2.6 | — |
| Hyderabad | 003 | 0 | 7 | 23 | 09 | 97 | 01 | 2 | 954 | 83 | 7 | 6 | 5 | 0 | 0 | 74 | 82 | 0 | + 2 | 0.7 | — 1.1 | 0.7 | 7 |
| Badin | 000 | 0 | 2 | 30 | // | 96 | 01 | 1 | 982 | 83 | 1 | 2 | 6 | 0 | 0 | 74 | 80 | — | — | 0.1 | — 3.8 | 0.1 | 9 |
| Padidan | 000 | 0 | 1 | 13 | 05 | 96 | 03 | 0 | 927 | 86 | 7 | 0 | 9 | 0 | 4 | 74 | 83 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | 030 | 0 | 3 | 31 | 10 | 96 | 03 | 0 | 937 | 85 | 3 | 0 | 9 | 0 | 3 | 75 | 81 | — | — | 0.0 | — | 0.0 | — |
| Sukkur | 000 | 0 | 0 | 23 | 05 | 96 | 05 | 0 | 934 | 85 | 0 | 0 | 9 | 0 | 0 | 75 | 62 | — | — | 1.4 | — | 1.4 | 4 |
| Kashmore | 000 | 0 | 0 | 18 | 02 | 96 | 02 | 0 | 949 | 86 | 0 | 0 | 9 | 0 | 0 | 71 | 81 | — | — | 0.0 | — | 0.0 | — |
| Jacobabad | 000 | 0 | 0 | 09 | 02 | 97 | 05 | 0 | 938 | 85 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | — 2 | + 3 | 2.5 | + 1.4 | 2.6 | 4 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 20 |
| HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Srinagar | | | | | | | | | | | | | | | | | | | | | | | — |
| Gulmarg | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Sonamarg | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Dras | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Leh | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Skardu | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar | | | | | | | | | | | | | | | | | | | | | | | — |
| Aliabad | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Gilgit | | | | | | | | | | | | | | | | | | | | | | | 59 18 |
| Murree | 000 | 5 | 8 | 09 | 05 | 97 | 03 | 9 | 405 | 62 | 8 | 5 | 3 | / | / | 55 | // | 0 | // | 21.7 | + 7.6 | 31.1 | 29 |
| Drosh | 000 | 0 | 2 | 00 | 00 | 96 | 05 | 4 | 375 | 84 | 2 | 2 | 6 | 0 | 0 | 63 | 78 | + 5 | + 5 | 1.3 | — | 9.9 | — |
| Cherat | 000 | 0 | 0 | 18 | 03 | 98 | 00 | 0 | 391 | 81 | 0 | 3 | 9 | 0 | 0 | 69 | 75 | + 2 | + 4 | 3.9 | — 0.6 | 3.5 | — |
| Kakul | 001 | 4 | 8 | 09 | 02 | 95 | 05 | 6 | 382 | 76 | 5 | 0 | 5 | 2 | / | 73 | // | — | — | 17.4 | — | 32.4 | 29 |
| Landikotal | 000 | 0 | 0 | 36 | 02 | 98 | 02 | 0 | 396 | 87 | 0 | 0 | 9 | 0 | 0 | 68 | 79 | — | — | 5.1 | — | 14.7 | 13 |
| Parachinar | 000 | 0 | 0 | 00 | 00 | 97 | 02 | 0 | 393 | 78 | 0 | 0 | 9 | 0 | 0 | 57 | // | — | // | 4.4 | — | 11.9 | 11 |
| Miranshah | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 380 | 86 | 0 | 0 | 9 | 0 | 0 | 70 | 72 | — | — | 0.0 | — 2.1 | 15.0 | 13 |
| Wana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.3 | — | 1.0 | — |
| Fort Sandeman | 000 | 0 | 1 | 00 | 00 | 96 | 05 | 0 | 384 | 84 | 0 | 0 | 9 | 0 | / | 52 | 75 | — 4 | 0 | 5.1 | + 2.8 | 2.9 | 9 |
| Hindubagh | 000 | 0 | 0 | 25 | 37 | 94 | 05 | 0 | /// | 78 | 0 | 0 | 9 | 0 | 0 | 48 | 67 | — | — | 0.4 | — | 2.1 | — |
| Loralai | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| Barkhan | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Harnai | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 369 | 87 | 0 | 0 | 9 | 0 | 0 | 70 | 80 | — | — | 0.0 | — 3.0 | 0.0 | 8 |
| Samungli (Quetta) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 3 | | 0.4 | — 0.1 | 3.2 | — |
| Chaman | 000 | 0 | 0 | 27 | 03 | 98 | 00 | 0 | 482 | 82 | 0 | 0 | 9 | 0 | 0 | 58 | 72 | — 3 | — 3 | 0.0 | — 0.1 | 1.3 | — |
| Nushki | 000 | 0 | 0 | 00 | 00 | 96 | 06 | 0 | 444 | 82 | 0 | 0 | 9 | 0 | 0 | 27 | 77 | — | — | 0.0 | — | 1.1 | 4 |
| Dalbandin | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 423 | 82 | 0 | 0 | 9 | 0 | 0 | 26 | 73 | — 1 | — 4 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | 000 | 0 | 0 | 13 | 00 | 93 | 00 | 2 | 427 | 70 | 0 | 0 | 9 | 0 | 0 | 38 | 60 | — | + 14 | 0.0 | — 0.7 | 0.4 | — |
| Khuzdar | 000 | 0 | 0 | 31 | 07 | 97 | 02 | 0 | 384 | 88 | 0 | 0 | 9 | 0 | 0 | 40 | 82 | — | — | 0.6 | — | 0.8 | 5 |
| Panjgur | 000 | 0 | 0 | 31 | 07 | 96 | 02 | 0 | 428 | 88 | 0 | 0 | 9 | 0 | 0 | 56 | 79 | — 3 | + 2 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

MONDAY THE 26th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV ww W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_w T_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA Olvatellu ... | 99 2 19 | 10 6 00 | 26 0 61 | 12 2 16 | 97 0 50 | 99 3 23 | 11 3 00 | 42 3 05 | ... | ... | 0 / / 23 | 12 1 14 | 30 2 02 | 19 5 04 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo | 1000mb (hhh TTTa DD) | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 995 266 14 | 488 // // | 440 182 07 | 065 100 15 | 579 031 03 | 753 111 17 | // 275 25 | 245 52/ // | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 996 270 26 | 532 // // | 400 941 0/ | // 203 0/ | 581 025 30 | 656 105 60 | 972 243 // | 253 471 // | 439 589 | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 994 270 33 | 523 // // | 400 198 63 | 071 164 64 | 582 047 // | 755 129 // | 968 275 // | 250 401 // | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 951 300 57 | 588 // | 350 292 63 | 060 204 61 | 587 046 // | 764 091 // | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed PmPmPmdmdmfmfmfm | TROPOPAUSE First PtPtPtTtTtTat | Transition dtdtftftft | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 549 333 // | 180 585 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 533 000 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 465 000 // | 350 167 // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 |
|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 225 11 | 225 09 | 205 09 | 160 06 | ... | ... | ... | ... | ... |
| Chittagong ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 150 18 | 170 21 | 180 25 | 170 27 | ... | ... | ... | ... | ... |
| Dacca ... | 150 12 | 150 15 | 140 18 | 130 13 | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 175 03 | 150 04 | 170 08 | 125 10 | 050 01 | 150 10 | 005 13 | 010 10 | 010 12 |
| Drosh ... | ... | ... | ... | 230 15 | 215 13 | 160 11 | 130 09 | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 130 01 | 190 02 | 235 01 | 325 01 | 015 03 | 300 24 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 175 07 | 200 07 | 210 07 | 290 13 | 235 13 | 320 20 | 285 09 | 245 04 | 160 02 |
| Jiwani ... | 180 02 | 105 04 | 085 05 | 055 13 | 060 16 | 020 12 | 020 11 | 040 07 | 010 10 |
| Karachi ... | 250 09 | 250 09 | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 230 05 | 235 06 | 235 08 | 220 04 | 155 03 | 080 06 | 075 06 | 080 12 | 090 12 |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 185 13 | 190 17 | 190 17 | 185 11 | 170 10 | 248 08 | 285 07 | 320 10 | 325 13 |
| Nawab Shah ... | 080 12 | 200 08 | 245 00 | 005 07 | 015 15 | 015 03 | 020 19 | 030 35 | 040 35 |
| Nokkundi ... | ... | ... | 335 14 | 330 16 | 260 04 | 250 05 | 265 16 | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 310 14 | 285 15 | 290 48 | ... | ... |
| Sargodha ... | 170 04 | 205 03 | 220 03 | 250 05 | 295 09 | 320 10 | 305 13 | 325 19 | 135 14 |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 |
|---|---|---|---|---|---|---|
| STATION 1 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 110 06 | 120 09 | 325 03 | 210 02 | 190 02 |
| Chhor ... | 220 21 | 220 08 | 200 07 | 195 06 | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | 255 01 | ... | 355 19 | ... |
| D. I. Khan ... | 165 03 | 180 08 | 185 12 | 220 27 | 300 12 | 340 08 |
| Drosh ... | ... | ... | ... | 225 01 | 125 01 | 180 02 |
| Fort Sandeman ... | ... | ... | ... | 270 07 | 290 12 | 305 21 |
| Gilgit ... | ... | ... | ... | 065 01 | 105 05 | 130 02 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | 345 33 | ... | 025 22 |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 135 05 | 125 10 | 155 03 | 250 13 | 211 13 | ... |
| Jiwani ... | 120 05 | ... | ... | ... | ... | ... |
| Karachi ... | 265 19 | 265 19 | 290 19 | 290 19 | 335 20 | 350 24 |
| Khanpur ... | 210 16 | 215 18 | 215 20 | 209 20 | 200 17 | 265 12 |
| Khuzdar ... | ... | ... | ... | 343 12 | 343 21 | 334 42 |
| Lahore ... | 255 07 | 260 12 | 250 20 | 255 23 | 240 08 | ... |
| Multan ... | 205 18 | 215 21 | 220 35 | ... | 225 45 | ... |
| Nawab Shah ... | 210 13 | 225 05 | 225 02 | 335 06 | 355 12 | 005 13 |
| Nokkundi ... | ... | ... | 315 09 | 345 09 | 360 11 | 020 13 |
| Panjgur ... | ... | ... | ... | 235 09 | 015 09 | 355 11 |
| Peshawar ... | ... | 330 07 | 315 06 | 250 05 | 265 15 | 310 28 |
| Parachinar ... | ... | ... | ... | 265 09 | 130 03 | ... |
| Quetta ... | ... | ... | ... | /// // | 300 09 | 290 10 |
| Sargodha ... | 185 01 | 185 06 | 185 05 | 220 03 | 245 03 | 3/5 13 |
| Skardu ... | ... | ... | ... | /// // | /// // | 220 06 |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 150 09 | 130 12 | 095 05 | 275 06 | 275 12 | 325 05 | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 130 23 | 130 26 | 130 24 | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 260 17 | 265 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 110 13 | 115 15 | 120 11 | 210 11 | 220 11 | ... | ... | ... | ... | ... | ... |
| Multan ... | 200 21 | 190 20 | 195 11 | 170 09 | 190 08 | 230 03 | 010 13 | 345 10 | 345 08 | ... | ... |
| Nawab Shah ... | 170 04 | 310 01 | 010 05 | 015 09 | 025 10 | 015 10 | 080 13 | 065 15 | 050 10 | 080 18 | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 320 09 | 310 12 | 340 03 | 320 03 | 280 04 | 105 08 | ... |
| Sargodha ... | 190 04 | 195 09 | 195 09 | 160 12 | 170 13 | 210 07 | 330 13 | 350 08 | 245 03 | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

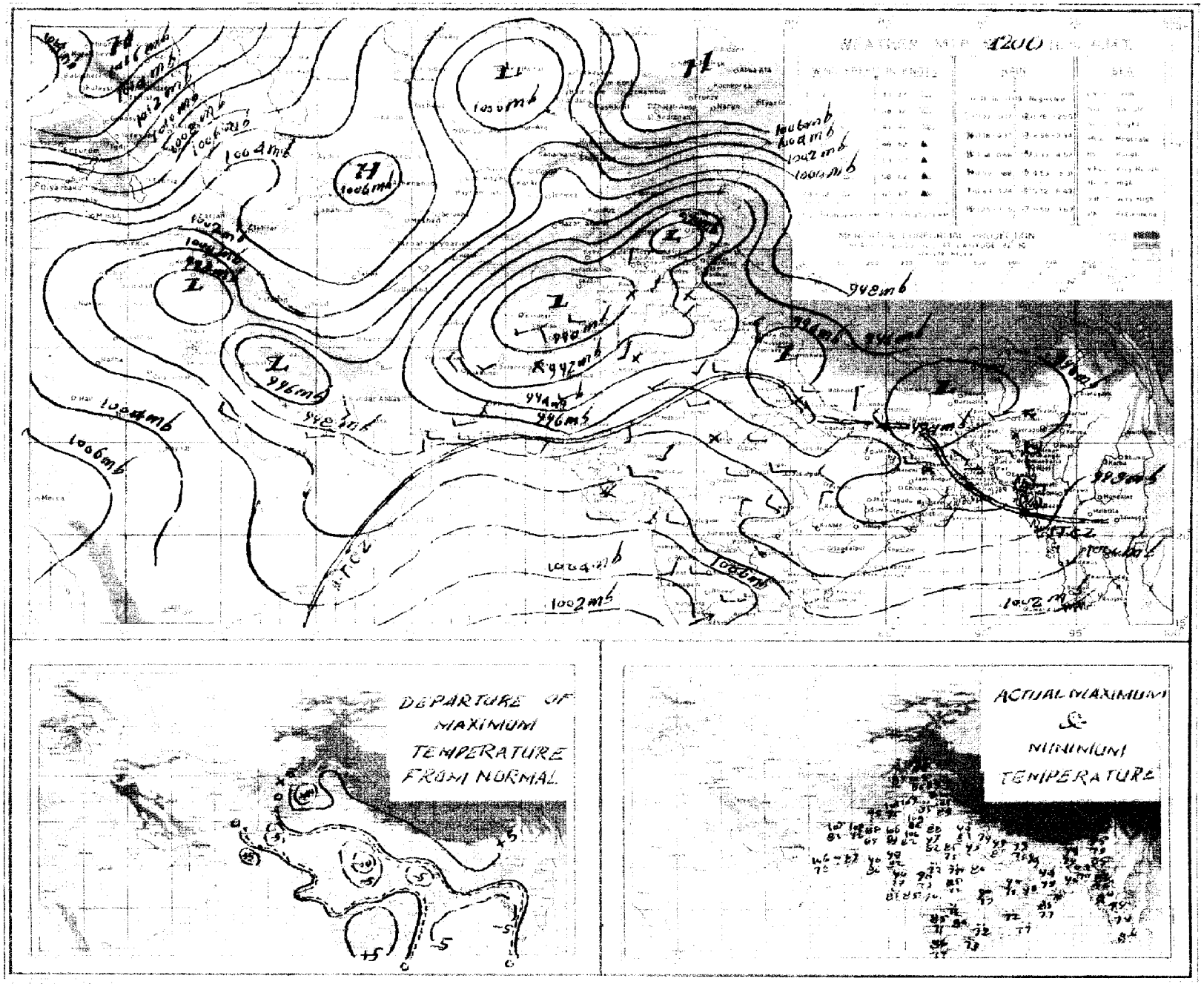
† The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

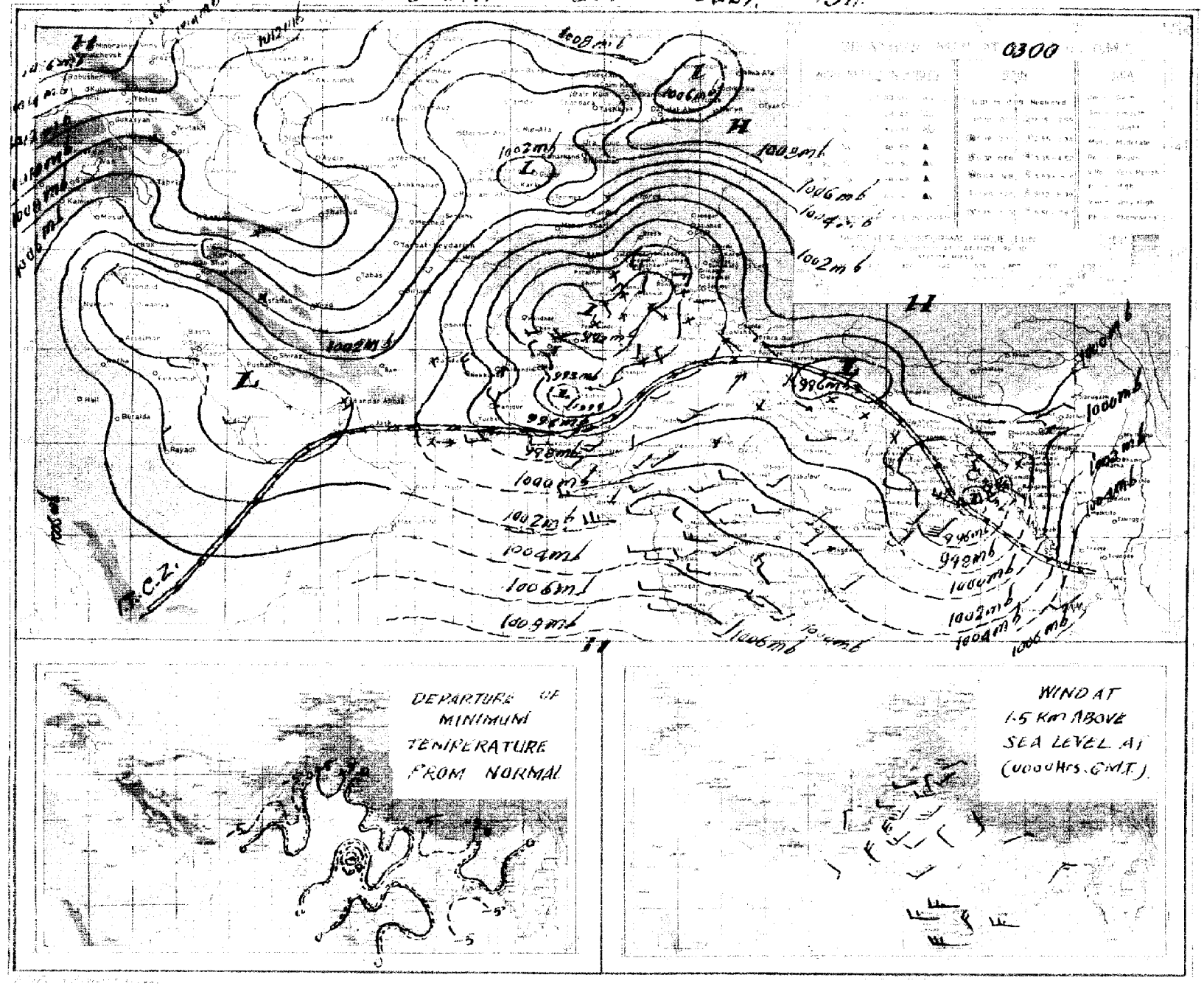
# PAKISTAN DAILY WEATHER MAP

SUNDAY 25th JULY, 1971



# PAKISTAN DAILY WEATHER MAP

MONDAY 26th JULY, 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**TUESDAY THE 27th JULY, 1971.**

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

Yesterday's low over West Bengal and adjoining East Pakistan and north Bay of Bengal became well marked and moved in-land northwestwards and now lies over Bihar and adjoining Uttar Pradesh. The other low over northeast Uttar Pradesh and adjoining areas has become unimportant.

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

Yesterday's westerly low pressure wave has moved slightly eastwards and lies over east Russian Turkistan. Its associated trough lies over Rawalpindi and Peshawar divisions and Kashmir.

Thunderstorms/rain have been scattered over Rawalpindi division. A few light falls of rain/drizzle have also been reported from Lahore and Peshawar divisions.

Chief amounts of rainfall are Cox's Bazar 4", Chittagong, Maijdee Court, Sandwip 2" each, Hatiya, Pabna 1½" each, Bhola, Comilla 1" each, Srimangal ¾", Dacca, Khulna (upto 1200 GMT) Jessore ½" each, Barisal (upto 1200 GMT) ¼".

Day temperatures 3 °F (2 °C) above normal in Multan division and 3—9 °F (2—5 °C) below normal in Chittagong, Dacca, Khulna, Rawalpindi, Sargodha, Quetta and Kalat divisions

**Forecast valid until the evening of the 28th July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan. Rain/thundershowers are likely to be local over Lahore and Rawalpindi divisions and in Kashmir and scattered over Multan, Sargodha and Peshawar divisions. Mainly dry weather likely to prevail elsewhere country.

**Heavy Rainfall Warning** Moderate to heavy rains are likely to fall over coastal districts of East Pakistan.

**Earth Quake Report** Seismograph of geophysical centre, Quetta recorded an earth quake of severe intensity on 27th July, 1971 at 07 hours 19 minutes W.P.S.T. Its epicentre lies about 10,000 miles southwest of Quetta near Chile Peru border Regions.

Karachi-32
The 27th July, 1971.

## OBSERVATIONS

M SHAHABUDDIN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | 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 † (CL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Wx) | Total Cloud amount (N) | Wind direction in tens of degree (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 (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Departure from Normal of: Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Rainfall: Departure from normal | Rainfall: Since 1st January, 1971 to-date | Rainfall: Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 082 | 6 | 6 | 18 | 05 | 9 | 01 | 6 | 005 | 83 | 4 | 7 | 5 | 0 | 0 | 73 | 82 | 005 | 5 | 6 | 18 | 05 | 98 | 02 | 6 | 041 | 83 | 5 | 7 | 5 | 7 | 0 | 75 | 76 | | | 85.4 | +24.7 | — | — |
| | Cox's Bazar | 259 | 9 | 8 | 13 | 05 | 96 | 60 | 6 | 992 | 79 | 5 | 7 | 3 | 2 | 0 | 75 | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | 6 | 50.1 | + 8.9 | — | 140 |
| | Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 195 | 9 | 8 | 00 | 00 | 94 | 63 | 6 | 033 | 74 | 7 | 7 | 3 | 2 | ... | 77 | 77 | — | 0 | 32.8 | — 7.1 | — | 108 |
| | Maijdee Court | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 | 9 | 8 | 16 | 02 | 96 | 03 | 6 | 018 | 77 | 4 | 5 | 4 | 2 | 0 | 73 | 75 | — | — 2 | 24.0 | — 7.9 | — | 115 |
| | Comilla | 000 | 0 | 7 | 13 | 05 | 96 | 02 | 2 | 976 | 80 | 7 | 4 | 4 | 0 | 0 | 77 | 96 | 090 | 7 | 1 | 13 | 05 | 96 | 02 | 6 | 019 | 79 | 1 | 4 | 4 | / | | 75 | 75 | — 1 | — 2 | | | | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 |
| | Sylhet | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 003 | 9 | 7 | 05 | 05 | 96 | 52 | 5 | 02 | 80 | 3 | 4 | 5 | 2 | ... | 79 | 77 | | | 42.9 | — | — | — |
| | Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 072 | 9 | 6 | 03 | 09 | 96 | 01 | 6 | 112 | 82 | 4 | 9 | 3 | 3 | 1 | 44 | 76 | — | 0 | 32.7 | + 1.1 | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 972 | 86 | 6 | 5 | 4 | 0 | 0 | 80 | 91 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 4 | — | | | | 91 |
| | Narayanganj | 000 | 0 | 8 | 13 | 05 | 95 | 02 | 5 | 960 | 82 | 8 | 6 | 4 | 0 | 0 | 77 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 5 | — | 3.1 | +20.6 | — | 74 |
| | Dacca (Tejgaon) | 007 | 6 | 7 | 13 | 09 | 97 | 01 | 6 | 957 | 83 | 5 | 5 | 4 | 7 | 0 | 75 | 85 | 046 | 9 | 7 | 13 | 05 | 97 | 21 | 6 | 001 | 80 | 6 | 6 | 3 | 7 | 0 | 77 | 77 | — | | 21.6 | — | — | — |
| | Faridpur | 000 | 0 | 8 | 11 | 09 | 96 | 02 | 2 | 942 | 83 | 6 | 4 | 5 | 1 | 0 | 75 | 84 | 000 | 0 | 8 | 11 | 09 | 96 | 03 | 2 | 001 | // | 4 | 4 | 5 | 1 | 0 | // | // | — 3 | | | | | 71 |
| Khulna | Barisal | 030 | 9 | 8 | 16 | 09 | 96 | 61 | 6 | 962 | 79 | 6 | 6 | 3 | 2 | / | 78 | 83 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | 26.4 | — 3.8 | — | 81 |
| | Khulna | 049 | 2 | 7 | 13 | 03 | 94 | 08 | 0 | /// | // | 3 | 3 | 4 | 0 | 0 | 79 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 180 | 0 | 6 | 13 | 05 | 97 | 60 | 5 | 976 | 77 | 6 | 7 | 9 | 0 | 0 | 77 | 80 | | | 2.6 | —22.5 | — | 65 |
| | Jessore | 038 | 2 | 7 | 13 | 05 | 96 | 02 | 6 | 935 | 80 | 5 | 7 | 3 | 2 | 0 | 77 | 96 | 064 | 9 | 7 | 13 | 07 | 96 | 20 | 5 | 994 | 80 | 5 | 6 | 3 | 2 | 0 | 79 | 77 | + 7 | — 2 | 8.6 | —14.0 | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 |
| | Rajshahi | 000 | 0 | 4 | 18 | 05 | 96 | 01 | 0 | 931 | // | 0 | 0 | 9 | 1 | 3 | 75 | 75 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| | Bogra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 013 | 9 | 7 | 13 | 07 | 96 | 03 | 2 | 995 | 83 | 6 | 6 | 4 | 3 | 0 | 77 | 77 | — | — 2 | 5.9 | —17.7 | — | 69 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 |
| | Rangpur | 000 | 0 | 5 | 09 | 02 | 96 | 01 | 2 | 944 | 84 | 3 | 2 | 6 | 1 | 0 | 81 | 90 | 025 | 9 | 5 | 09 | 05 | 96 | 01 | 6 | 993 | 82 | 5 | 0 | 9 | 1 | 0 | 80 | // | 0 | — | 23.8 | — 8.2 | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Iail Rd.) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 2 | 8 | 09 | 03 | 96 | 05 | 2 | 957 | 84 | 2 | 5 | 7 | 2 | 0 | 77 | 80 | — | | 6.3 | — 0.0 | 9.5 | 19 |
| | Sialkot | 015 | 0 | 8 | 09 | 02 | 97 | 02 | 2 | 949 | 78 | 1 | 5 | 6 | 3 | 1 | 74 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.3 | + 2.7 | 18.3 | 32 |
| Rawalpindi | Jhelum | 000 | 3 | 8 | 09 | 05 | 97 | 02 | 2 | 940 | 83 | 7 | 3 | 9 | 1 | 4 | // | 66 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 7.1 | — | 11.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Rawalpindi | 000 | 0 | 8 | 13 | 07 | 96 | 06 | 2 | 933 | 84 | 3 | 5 | 6 | 2 | 0 | 73 | 90 | 000 | 0 | 8 | 05 | 07 | 96 | 04 | 6 | 957 | 83 | 5 | 9 | 6 | 2 | / | 76 | 77 | — 6 | 0 | 19.1 | +10.2 | 19.7 | 36 |
| | Campbellpur | 000 | 0 | 0 | 08 | 09 | 93 | 08 | / | /// | 94 | 0 | 0 | 9 | 0 | 0 | 74 | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | | | | — |
| Sargodha | Khushab | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 8 | 09 | 03 | 97 | 50 | 5 | 967 | 83 | 6 | 2 | 9 | 2 | 4 | 73 | / | — | — | 4.9 | + 0.3 | 7.0 | 15 |
| | Sargodha | 000 | 0 | 8 | 09 | 12 | 96 | 07 | 2 | 924 | 87 | 8 | 0 | 9 | 2 | / | 77 | 93 | 000 | 3 | 8 | 00 | 00 | 96 | 06 | 6 | 945 | 81 | 3 | 5 | 7 | 2 | / | 75 | 80 | | | 3.1 | — | 7.2 | — |
| | Lyallpur | 000 | 0 | 5 | 07 | 02 | 97 | 02 | 1 | 909 | 92 | 5 | 4 | 7 | 0 | 0 | 68 | 97 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | 6.2 | + 2.5 | 9.4 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| | Multan | 000 | 0 | 0 | 18 | 05 | 96 | 06 | 0 | 903 | 101 | 9 | / | 0 | / | / | 73 | 105 | 000 | 0 | 7 | 23 | 09 | 96 | 05 | 4 | 944 | 87 | 3 | 5 | 6 | 3 | 0 | 76 | 86 | — 2 | + 2 | 1.8 | — 0.2 | 2.4 | 7 |
| | Leiah | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 2 | 23 | 05 | 96 | 05 | 0 | 896 | 05 | 0 | 0 | 9 | 0 | 1 | 68 | 05 | 000 | 0 | 4 | 23 | 07 | 96 | 03 | 0 | 946 | 84 | 4 | 0 | 9 | 3 | 0 | 74 | // | | | 0.2 | — 2.0 | 0.6 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 927 | 02 | 0 | 0 | 9 | 0 | 0 | 64 | 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — 2.2 | 0.2 | 6 |
| | Fort Abbas | /// | / | 1 | 23 | 20 | 96 | 09 | 0 | 949 | // | 0 | 0 | 9 | 0 | 0 | 92 | // | 000 | 0 | 0 | 05 | 04 | 98 | 00 | 0 | 913 | 89 | 0 | 0 | 9 | 0 | 0 | 62 | 82 | | | | | | 8 |
| Malakand | Chakdara | 000 | 0 | 6 | // | 07 | 95 | 03 | 2 | 987 | 97 | 6 | 0 | 9 | 4 | 0 | 73 | 99 | 000 | 0 | 8 | 27 | 07 | 95 | 03 | 2 | 931 | 82 | 8 | 0 | 9 | 2 | / | 72 | 80 | | | 0.8 | — | 3.7 | — |
| Peshawar | Peshawar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 8 | 36 | 02 | 95 | 06 | / | 94 | 83 | 4 | 5 | 6 | 2 | / | 74 | // | — | — | 2.3 | + 0.9 | 10.8 | 11 |
| | Hoti pur | 000 | 0 | 0 | 13 | 05 | 97 | 00 | 0 | 878 | 93 | 0 | 0 | 9 | 0 | 0 | 73 | 01 | 005 | 2 | 8 | 31 | 03 | 97 | 50 | 6 | 972 | 79 | 8 | 7 | 6 | 0 | 0 | 76 | 78 | | | 12.2 | — | 20.1 | — |
| D.I. Khan | Bannu | 000 | 0 | 6 | 07 | 02 | 98 | 31 | 3 | 915 | 95 | 0 | 0 | 9 | 7 | 7 | 73 | 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.6 | — | 3.0 | 11 |
| | D. I. Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 23 | 05 | 96 | 05 | 0 | 946 | 85 | 6 | 0 | 9 | 3 | 0 | 77 | 82 | — | 0 | 0.5 | — 2.0 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Nokkundi | 000 | 0 | 0 | 31 | 28 | 94 | 05 | 4 | 923 | 02 | 0 | 0 | 9 | 0 | 0 | 61 | 04 | 000 | 0 | 0 | 31 | 10 | 95 | 05 | 4 | 953 | 88 | 0 | 0 | 9 | 0 | 0 | 33 | 80 | | | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 07 | 04 | 98 | 00 | 0 | 983 | 14 | 0 | 0 | 9 | 0 | 0 | 15 | 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 0 | 23 | 09 | 96 | 02 | 1 | 941 | 88 | 0 | 0 | 9 | 0 | 0 | 90 | 90 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — | 1.5 | 5 |
| | Panjgur | 000 | 0 | 0 | 27 | 04 | 97 | 00 | 0 | 133 | 89 | 0 | 0 | 9 | 0 | 0 | 79 | // | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 944 | 76 | 0 | 0 | 9 | 0 | 0 | 68 | 95 | | | 0.0 | — 0.6 | 0.0 | 6 |
| | Ormara | 000 | 0 | 6 | 25 | 16 | 96 | 06 | 0 | 939 | 84 | 5 | 6 | 6 | 3 | 0 | 79 | 87 | 000 | 0 | 3 | 00 | 00 | 96 | 02 | 2 | 947 | 82 | 3 | 6 | 6 | 0 | 0 | 79 | // | | | 0.8 | + 0.1 | 0.8 | 6 |
| | Lasbela | /// | 0 | 0 | 18 | 03 | 98 | 03 | 0 | 927 | 02 | 0 | 0 | 9 | 0 | 0 | 77 | 03 | /// | 0 | 3 | 00 | 00 | 98 | 00 | 0 | 959 | 83 | 0 | 0 | 9 | 0 | 0 | 77 | 80 | | | 0.0 | — | 0.0 | 8 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 27 | 05 | 96 | 03 | 2 | 988 | // | 7 | 6 | 4 | / | / | 79 | 81 | | | | | | 8 |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 12 | 96 | 02 | 0 | 943 | 85 | 7 | 6 | 5 | 0 | 0 | 75 | 89 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Chhor | 000 | 0 | 0 | 23 | 03 | 96 | 00 | 0 | 875 | 96 | 0 | 0 | 9 | 0 | 0 | 57 | 96 | 000 | 0 | 4 | 23 | 09 | 96 | 02 | 0 | 955 | 82 | 4 | 5 | 6 | 0 | 0 | 76 | 80 | | | 1.9 | — | 2.6 | 7 |
| | Hyderabad | 000 | 0 | 4 | 23 | 09 | 97 | 01 | 2 | 926 | 92 | 4 | 0 | 9 | 3 | 0 | 75 | 97 | 000 | 0 | 3 | 23 | 09 | 97 | 01 | 1 | 943 | 84 | 3 | 5 | 6 | 0 | 0 | 75 | 82 | 0 | + 2 | 0.7 | —22.2 | 0.7 | 9 |
| | Badin | 000 | 0 | 6 | 23 | 10 | 97 | 03 | 1 | 951 | 88 | 4 | 4 | 6 | 2 | 0 | 73 | 93 | 000 | 0 | 6 | 23 | 10 | 96 | 03 | 1 | 960 | 83 | / | 6 | 5 | 0 | 0 | 76 | 80 | | | 0.1 | — 2.8 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 0 | 27 | 08 | 96 | 02 | 0 | 895 | 07 | 0 | 4 | 9 | 0 | 1 | 70 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 1 | 18 | 10 | 96 | 05 | 0 | 908 | 03 | 0 | 0 | 9 | 0 | 4 | 76 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 895 | 05 | 0 | 0 | 9 | 0 | 0 | 75 | 06 | 000 | 0 | 6 | 23 | 05 | 96 | 03 | 0 | 938 | 83 | 6 | 0 | 9 | 0 | 0 | 74 | 80 | | | 1.3 | — | 1.3 | — |
| | Khairpur | 000 | 0 | 0 | 23 | 0. | 96 | 02 | 0 | 937 | 01 | 0 | 0 | 9 | 0 | 0 | 72 | 02 | 000 | 0 | 0 | 18 | 02 | // | 02 | 0 | 931 | 83 | 0 | 0 | 9 | 0 | 0 | 72 | 81 | | | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 0 | 18 | 07 | 96 | 05 | 0 | 884 | 08 | 0 | 0 | 9 | 0 | 0 | 70 | 09 | 000 | 0 | 2 | 11 | 09 | 96 | 05 | 0 | 938 | 84 | 0 | 0 | 9 | 0 | / | 79 | 83 | + 2 | — 1 | 2.5 | + 1.4 | 7.6 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | 000 | 8 | 8 | 05 | 05 | 97 | 03 | 1 | 335 | 68 | 8 | 5 | 3 | / | / | 63 | 74 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 2 | — | 21.7 | + 7.2 | 30.1 | 29 |
| Malakand | Drosh * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 27 | 02 | 96 | 05 | 4 | 373 | 86 | 4 | 8 | 6 | 6 | 0 | 67 | 83 | — | — 10 | 1.3 | — | 9.8 | — |
| Peshawar | Chitral * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 7 | 18 | 05 | 95 | 02 | 2 | 408 | 72 | 7 | 4 | 8 | 0 | 0 | 69 | 70 | — | — 1 | 3.9 | — 0.6 | 3.5 | — |
| | Kakul * | 000 | 0 | 7 | 23 | 09 | 95 | 05 | 2 | 378 | 82 | 5 | 4 | 6 | 2 | 0 | 70 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 17.4 | — | 32.4 | 29 |
| | Landikotal * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 |
| | Parachinar * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 6 | 13 | 02 | 96 | 03 | 0 | 392 | 72 | 4 | 5 | 6 | 3 | 0 | 59 | // | — | — | 4.4 | — | 12.0 | 11 |
| D.I. Khan | Miranshah * | 000 | 0 | 0 | 05 | 05 | 99 | 00 | 0 | 337 | 79 | 0 | 0 | 9 | 0 | 0 | 72 | 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.0 | — 2.1 | 1.6 | 13 |
| | Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 2 | 00 | 00 | 97 | 03 | 0 | 39/ | 80 | 2 | 5 | 8 | 0 | 0 | 77 | 71 | | | 0.7 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 3 | 31 | 02 | 97 | 03 | 0 | 345 | 00 | 0 | 0 | 9 | 3 | 1 | 35 | 01 | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 579 | 87 | 2 | 5 | 7 | 2 | 7 | 63 | 79 | + 2 | + 4 | 5.1 | + 2.7 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 25 | 19 | 98 | 02 | 0 | /// | 91 | 0 | 0 | 9 | 0 | 0 | 60 | 94 | 000 | 0 | 0 | 25 | 05 | 95 | 05 | 0 | /// | 80 | 0 | 0 | 9 | 0 | 0 | 51 | 66 | | | 0.3 | — | 2.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | Harnai * | 000 | 0 | 0 | 31 | 01 | 96 | 02 | 0 | 370 | 04 | 0 | 0 | 9 | 0 | 0 | 53 | 06 | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 365 | 84 | 0 | 0 | 9 | 0 | 0 | 71 | 81 | | | 0.0 | — 3.1 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 27 | 10 | 97 | 06 | 0 | 381 | 92 | 0 | 0 | 9 | 0 | 0 | // | 92 | 000 | 0 | 0 | 00 | 00 | 94 | 06 | 4 | 408 | 74 | 0 | 0 | 9 | 0 | 0 | 46 | 65 | — 1 | — 3 | 0.4 | — 0.1 | 3.2 | — |
| | Chaman * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 482 | 82 | 5 | 8 | 9 | 0 | 0 | // | 72 | — | — 3 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 10 | 94 | 06 | 0 | 416 | 98 | 0 | 0 | 9 | 0 | 0 | 41 | 99 | 000 | 0 | 0 | 36 | 05 | 94 | 06 | 0 | 433 | 81 | 0 | 0 | 9 | 0 | 0 | // | 80 | | | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 31 | 10 | 93 | 07 | 0 | 418 | 02 | 0 | 0 | 9 | 0 | 0 | // | 04 | 000 | 0 | 0 | 00 | 00 | 95 | 06 | 0 | 406 | 81 | 0 | 0 | 9 | 0 | 0 | 36 | 73 | — 5 | — 4 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 01 | 94 | 00 | 2 | 374 | 83 | 0 | 0 | 9 | 0 | 0 | 57 | 84 | 000 | 0 | 0 | 18 | 01 | 93 | 00 | 2 | 373 | 73 | 0 | 0 | 9 | 0 | 0 | 52 | // | — 8 | — | 0.0 | — 0.7 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 2 | 31 | 12 | 96 | 05 | 0 | 357 | 99 | 0 | 0 | 9 | 0 | 1 | 43 | 01 | 000 | 0 | 0 | 31 | 02 | 96 | 05 | 0 | 369 | 85 | 0 | 0 | 9 | 0 | 0 | 46 | 81 | | | 0.5 | — | 0.7 | 5 |
| | Panjgur * | 000 | 0 | 0 | 00 | 00 | 94 | 07 | 0 | 410 | 98 | 0 | 0 | 9 | 0 | 0 | 76 | 99 | 000 | 0 | 0 | 06 | 09 | 96 | 02 | 0 | 408 | 83 | 0 | 0 | 9 | 0 | 0 | 63 | 79 | — 4 | — 2 | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

When over 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 27th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | 99L₁L₂L₃ | Q₁L₀L₀L₀L₀ | YYGG$_{iw}$ | N dd FF | VV $_{w\,w}$ W | PPP TT | $N_hC_lhC_mC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sC_hh_s$ | $O1_sT_sT_dT_d$ | $1T_wT_w$ | $T_{w_1}T_{w_1}3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| BAY OF BENGAL ... | 99 1 96 | 10 8 79 | 27 0 63 | 62 4 22 | 97 / /2 | /1 0 34 | 66 5 00 | ... | ... | ... | ... | 13 4 /0 | ... | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh T1T$_c$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 999 250 / / | ... | 410 177 14 | 019 084 26 | 573 047 79 | 746 151 24 | 957 299 49 | 232 253 7/ | 412 663 / / | 648 803 / / | ... | ... | ... |
| Dacca ... | 00 00 | 996 270 26 | ... | 400 /// / / | ... | ... | ... | 972 243 / / | 253 47 / / | 439 589 / / | 686 290 00 | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 992 274 27 | ... | 430 238 20 | 088 //0 66 | 508 001 / / | 764 095 / / | 980 225 / / | 266 387 / / | 458 495 / / | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 953 278 33 | 000 005 65 | 330 224 4/ | 029 144 47 | 580 024 57 | 757 087 / / | 973 237 / / | 258 427 / / | 444 581 / / | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 533 000 24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 800 186 36 | 475 000 / / | 119 683 / / | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.—> | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 135 08 | 130 10 | 160 04 | 095 02 | ... | ... | ... | ... | ... | 125 08 | 160 12 | 190 09 | 240 11 | ... | ... | 090 04 | 130 09 | 150 16 | 165 16 | ... | ... | ... | ... | ... | ... |
| Chhor ... | 215 89 | 220 19 | 220 20 | ... | 210 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 140 15 | 150 20 | 155 24 | 165 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | No | As.ent | due | to rain | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 115 13 | 125 15 | 125 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 117 12 | 180 2/ | 190 19 | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 130 19 | 120 25 | 130 21 | 140 13 | 200 06 | 250 07 | 315 10 | ... | ... | 060 13 | 060 13 | 095 16 | 360 05 / / | 215 12 / / | 300 17 195 01 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 230 12 | 205 17 | 180 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 040 07 | 360 05 | 310 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 095 09 | 125 12 | 150 08 | 220 15 | 245 18 | ... | 255 15 | ... | ... | 025 06 | 035 09 | 090 07 | 185 18 | 185 09 | 210 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 230 07 | 310 05 | 030 06 | 360 16 | 340 21 | 330 18 | 305 14 | 020 17 | 015 03 | 120 02 | 015 13 | 345 13 | ... | ... | ... | 128 22 | 015 13 | 345 13 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 240 13 | 249 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 245 22 | 255 15 | 255 19 | 290 21 | 310 21 | 340 21 | 015 15 | 035 12 | 060 15 | 080 24 | ... |
| Khanpur ... | 195 10 | 165 14 | 165 14 | 170 14 | 130 06 | 130 03 | 255 08 | 235 1/ | 235 25 | 190 9/ | 190 20 | 195 10 | 205 20 | 230 15 | 020 15 | 190 9/ | 190 20 | 195 10 | 205 20 | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 300 07 | 350 15 | 935 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 090 06 | 105 12 | 115 10 | 235 07 | 230 10 | ... | ... | ... | ... | 130 12 | 130 17 | 140 15 | 155 19 | 220 13 | ... | 145 05 | 115 14 | 245 05 | 350 4/ | 290 04 | ... | ... | ... | ... | ... | ... |
| Multan ... | 175 13 | 165 19 | 190 21 | ... | ... | ... | ... | ... | ... | 208 12 | 210 16 | 200 19 | 200 07 | 300 14 | ... | 205 12 | 210 17 | 215 13 | 235 09 | 255 06 | ... | ... | ... | ... | ... | ... |
| N wab Shah ... | 115 15 | 235 08 | 005 09 | 015 07 | 350 06 | 010 08 | 090 11 | 065 14 | 065 14 | 195 13 | 205 24 | 220 15 | 250 05 | 340 05 | 345 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | No | ascent | due to | strong | wind | ... | ... | ... | ... | ... | ... | 325 21 | 335 35 | 340 43 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 23 | 345 35 | ... | ... | ... | ... | 330 23 | 345 35 | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 130 12 | 140 15 | 155 13 | 180 12 | 250 08 | 305 17 | ... | ... | ... | 335 01 | 040 02 | 205 04 | 205 04 | 275 06 | ... | 355 03 | 350 06 | 250 04 | 225 05 | 285 08 | 010 02 | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 270 10 | 260 08 | 300 04 | 305 03 | 060 05 | ... | ... | ... | ... | 280 04 | 275 07 | ... | ... | ... | ... | 314 03 | 215 06 | 230 06 | 045 10 | 050 10 | ... | ... |
| Sargodha ... | 105 21 | 115 21 | 120 21 | 200 16 | 215 23 | 265 07 | 340 05 | 385 22 | ... | 130 01 | 130 04 | 130 14 | 180 12 | 160 10 | 275 07 | 100 12 | 145 07 | 255 03 | 110 06 | 170 06 | 200 05 | 275 04 | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

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

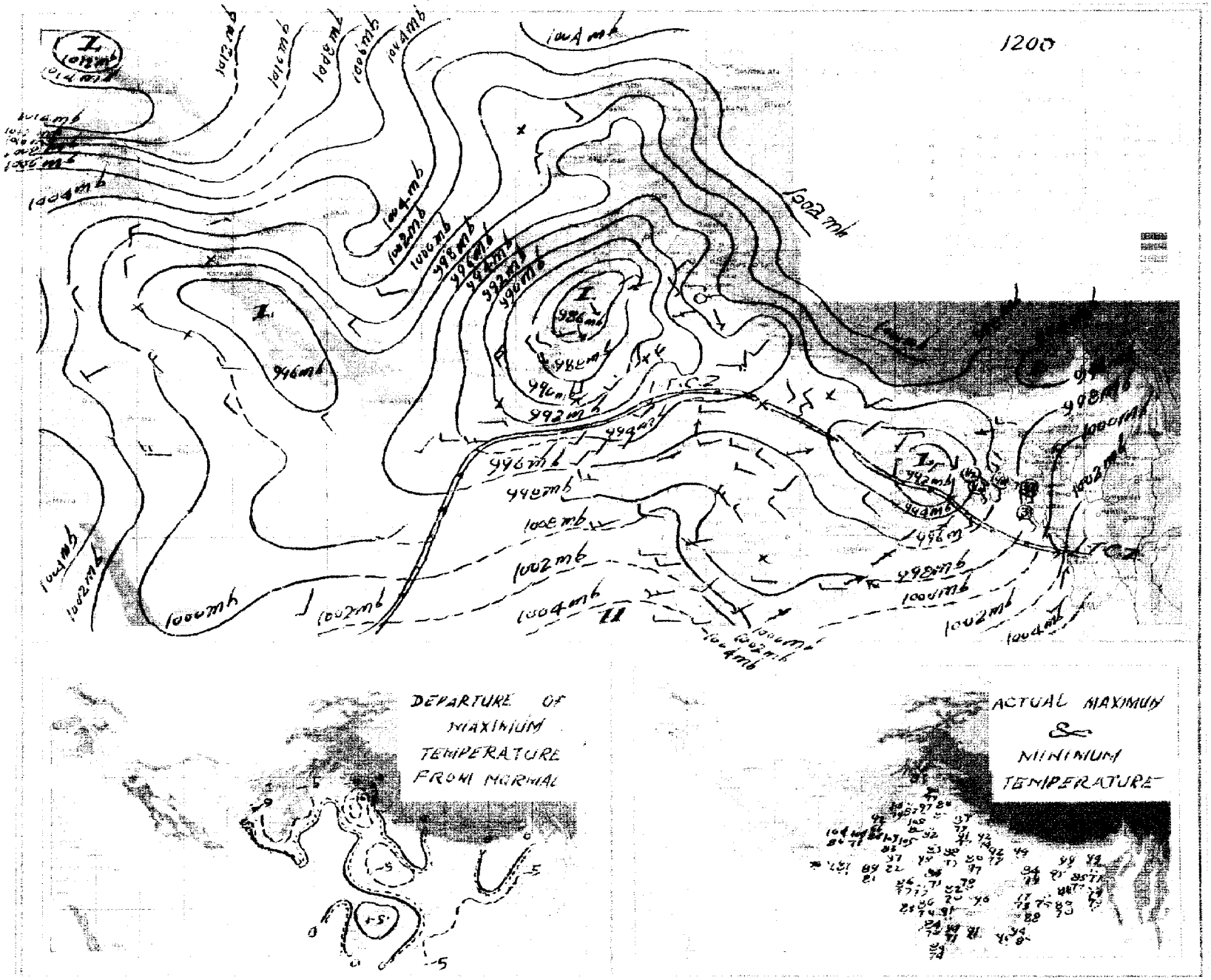
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(height)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
T$_c$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

† The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

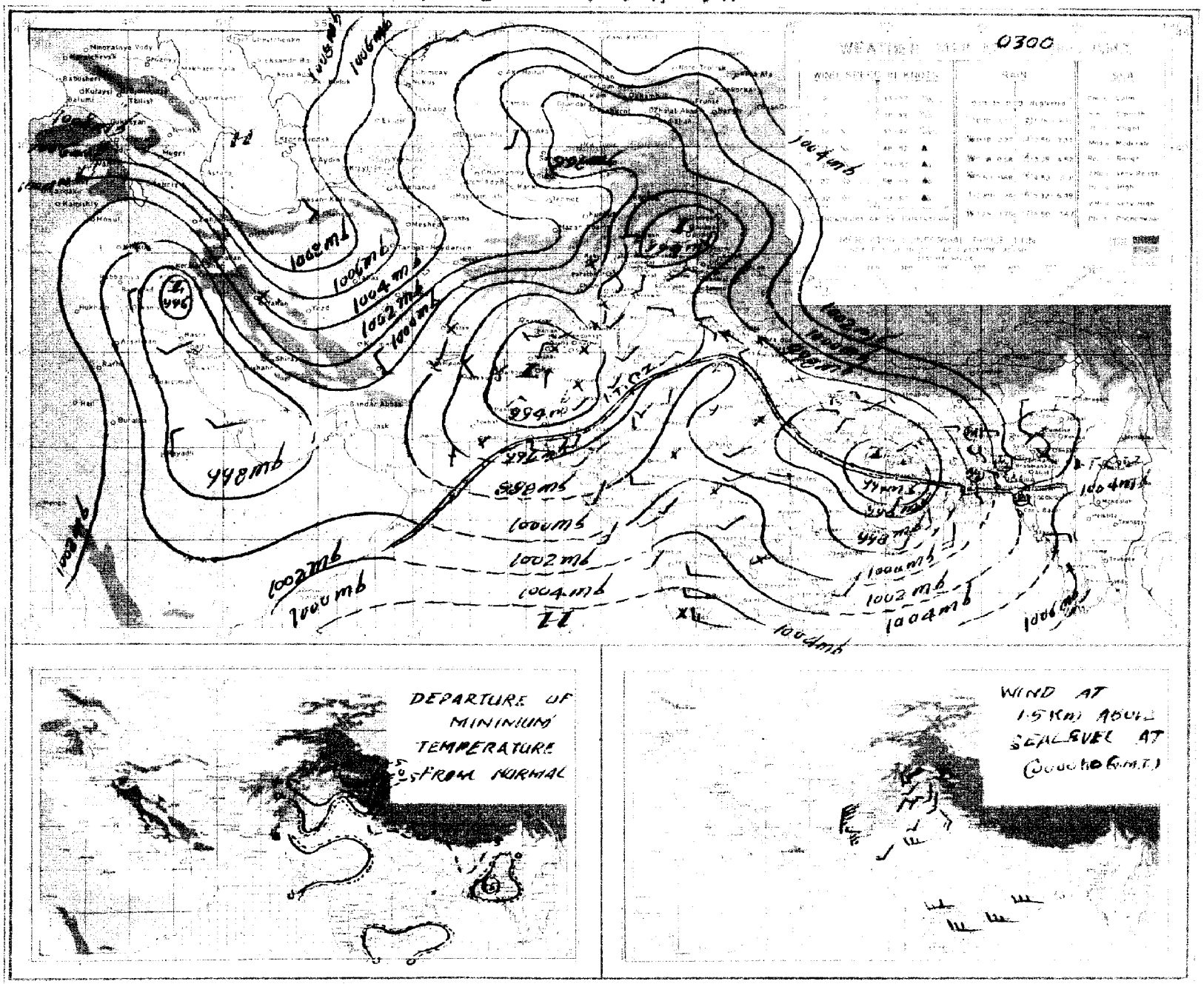
# PAKISTAN DAILY WEATHER MAP

MONDAY 26th JULY, 1971



# PAKISTAN DAILY WEATHER MAP

TUESDAY 27th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**WEDNESDAY THE 28th JULY, 1971.**

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

Yesterday's well marked low over Bihar and adjoining areas has moved rapidly westwards and now lies over southwest Uttar Pradesh and adjoining areas.

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

The westerly low pressure wave over East Russian Turkistan now lies north of Kashmir. Its associated trough extends into Rawalpindi, Sargodha and Peshawar divisions.

Rain/thundershowers have been local in Rawalpindi and Peshawar divisions. Light rain/drizzle have also been reported from Lahore, Sargodha, Multan, Bahawalpur, Malakand and Hyderabad divisions and isolated thunderstorms from Quetta division.

Chief amounts of rainfall are Cox's Bazar 3", Jessore 1½", Bogra ¾", Hatiya, Narayanganj, Khulna and Kohat ½" each and Chittagong and Kakul ¼" each.

Day temperatures were 8—12 °F (4—7 °C) below normal in Lahore, Rawalpindi, Sargodha and Peshawar divisions and 3—7 °F (2—4 °C) so in East Pakistan and in Multan, western Quetta and northern Kalat divisions.

**Forecast valid until the evening of the 29th July, 1971 :**—Rain/thundershowers will be local in East Pakistan and in Lahore, Rawalpindi and Sargodha divisions and scattered in Kashmir and elsewhere over West Pakistan outside coastal areas where light rain/drizzle may fall.

**Earth Quake Report** The seismograph of geophysical centre Quetta have recorded an earth quake of moderate intensity on 27th July, 1971 at 1932 W.P.S.T. with its epicentre about 2000 miles east of Quetta near Burma. Another earth quake of severe intensity have also been recorded on 28th July, 1971 at 0623 W.P.S.T. with its epicentre about 5800 miles southeast of Quetta near New Guinea.

Karachi-32
The 28th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Wc) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Winds speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs. and tenths) (PPP) | Dry Bulb temperature °C (TT) | Amount of Lowest Cloud † (Nh) | Height of Lowest Cloud † (GL) | Low Cloud form † (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 degree (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 (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 000 | 0 | 1 | 18 | 05 | 98 | 03 | 1 | 022 | 83 | 4 | 7 | 5 | 7 | 0 | 77 | 83 | 001 | 2 | 6 | 18 | 02 | 98 | 03 | 6 | 047 | 83 | 4 | 7 | 5 | 7 | 0 | 77 | 78 | — | — | — | — | — | — |
| | Cox's Bazar | 299 | 9 | 8 | 18 | 07 | 96 | 60 | 2 | 014 | 77 | 4 | 5 | 4 | 4 | 0 | 75 | 80 | 257 | 9 | 7 | 18 | 03 | 97 | 03 | 6 | 036 | 83 | 5 | 4 | 4 | 2 | 0 | 79 | 75 | — 5 | — 1 | 68.0 | +24.9 | — | 140 |
| | Chittagong | 029 | 1 | 8 | 16 | 05 | 96 | 21 | 6 | 009 | 80 | 2 | 5 | 3 | 2 | 0 | 75 | 80 | 029 | 9 | 7 | 09 | 06 | 96 | 02 | 6 | 033 | 81 | 3 | 4 | 4 | 3 | 0 | 79 | 73 | — 6 | — 4 | 50.4 | +08.2 | — | 108 |
| | Maijdee Court | 080 | 6 | 8 | 16 | 05 | 96 | 03 | 6 | 98 | 77 | 5 | 5 | 5 | 3 | 1 | 75 | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 7 | — | 32.6 | — 8.1 | — | 115 |
| | Comilla | 000 | 0 | 3 | 18 | 05 | 91 | 01 | 1 | 000 | 77 | 0 | 0 | 2 | 2 | 6 | 68 | 80 | 000 | 0 | 3 | 08 | 00 | 96 | 02 | 0 | 029 | 88 | 3 | 4 | 7 | 0 | 8 | 79 | 75 | — 7 | — 2 | 23.9 | — 8.6 | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 78 |
| | Sylhet | 014 | 4 | 6 | 13 | 02 | 97 | 01 | 9 | 000 | 79 | 3 | 3 | 5 | 3 | 0 | 77 | 86 | 014 | 0 | 7 | 09 | 02 | 96 | 02 | 2 | 999 | 83 | 4 | 0 | 9 | 1 | 0 | 79 | 77 | — | — | 42.4 | — | — | — |
| | Srimangal | 010 | 9 | 6 | 13 | 05 | 96 | 03 | 6 | 108 | 84 | 4 | 9 | 3 | 7 | 2 | 77 | 85 | 000 | 0 | 5 | 00 | 00 | 96 | 03 | 0 | 039 | 83 | 3 | 9 | 3 | 3 | 1 | 77 | 76 | — 3 | 0 | — | — | — | 98 |
| Dacca | Mymensingh | 000 | 0 | 5 | 13 | 02 | 97 | 02 | 2 | 995 | 88 | 5 | 5 | 4 | 0 | 0 | 83 | 91 | 000 | 0 | 4 | 00 | 00 | 97 | 01 | 1 | 036 | 84 | 4 | 5 | 5 | 0 | 0 | 77 | 77 | + 3 | + 1 | 32.7 | + 5.7 | — | 91 |
| | Narayanganj | 000 | 0 | 8 | 13 | 04 | 95 | 02 | 2 | 995 | 83 | 5 | 6 | 3 | 3 | 1 | 77 | 84 | 055 | 0 | 6 | 13 | 02 | 97 | 02 | 2 | 028 | 84 | 4 | 6 | 3 | 3 | 1 | 77 | 79 | — 4 | 0 | 3.1 | —21.0 | — | 74 |
| | Dacca (Tejgaon | 013 | 9 | 7 | 13 | 05 | 97 | 02 | 6 | 994 | 80 | 5 | 8 | 3 | 4 | 0 | 77 | 84 | 013 | 5 | 7 | 13 | 05 | 97 | 02 | 6 | 018 | 83 | 7 | 5 | 4 | 0 | 0 | 77 | 76 | — | — | 21.7 | — | — | — |
| | Faridpur | 000 | 6 | 8 | 16 | 07 | 96 | 02 | 2 | 982 | 82 | 5 | 4 | 5 | 1 | 0 | 75 | 84 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 4 | — | — | — | — | 71 |
| Khulna | Barisal | 003 | 9 | 6 | 16 | 07 | 97 | 01 | 6 | 992 | 80 | 4 | 3 | 4 | 1 | 8 | 75 | 82 | 009 | 9 | 7 | 00 | 00 | 97 | 03 | 2 | 028 | 81 | 6 | 8 | 4 | 1 | 0 | 79 | 76 | — 3 | — 2 | 26.4 | — 4.4 | — | 81 |
| | Khulna | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 986 | 83 | 2 | 1 | 4 | 0 | 0 | 77 | 88 | 050 | 9 | 4 | 13 | 05 | 97 | 02 | 0 | 020 | 81 | 0 | 4 | 4 | 0 | 0 | 79 | 77 | — | — | 2.6 | —23.0 | — | 68 |
| | Satkhira | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 055 | 0 | 8 | 18 | 02 | 99 | 03 | 2 | 023 | 81 | 4 | 3 | 9 | 2 | 1 | 79 | // | — | — | 19.8 | — 4.7 | — | 65 |
| | Jessore | 098 | 7 | 6 | 11 | 12 | 96 | 01 | 6 | 977 | 83 | 5 | 6 | 3 | 7 | 0 | 75 | 84 | 170 | 9 | 5 | 13 | 07 | 96 | 01 | 6 | 020 | 85 | 3 | 6 | 4 | 3 | 0 | 79 | 75 | — 5 | — 4 | 9.6 | —15.5 | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi | 045 | 2 | 8 | 13 | 03 | 96 | 06 | 6 | 980 | 74 | 6 | 4 | 5 | 3 | 0 | 72 | 90 | 000 | 0 | 4 | 18 | 02 | 96 | 02 | 6 | 013 | 88 | 3 | 2 | 5 | 3 | 0 | 72 | 91 | — | — | — | — | — | — |
| | Bogra | 005 | 5 | 5 | 09 | 05 | 96 | 02 | 2 | 982 | 83 | 2 | 5 | 5 | 3 | 0 | 76 | 86 | 077 | 6 | 6 | 09 | 02 | 96 | 02 | 2 | 022 | 84 | 3 | 5 | 5 | 7 | 0 | 79 | 76 | — 2 | — 3 | 6.7 | —17.5 | — | 63 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| | Rangpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 005 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 931 | 87 | 4 | 5 | 6 | 7 | 0 | 74 | 87 | 005 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 971 | 85 | 2 | 5 | 7 | 7 | 0 | 76 | 79 | — 12 | — 1 | 6.4 | — 0.2 | 9.5 | 19 |
| | Sialkot | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 2 | 961 | 84 | 2 | 5 | 6 | 2 | 1 | 79 | 86 | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 978 | 81 | 8 | 0 | 9 | 2 | . | 77 | 80 | — 10 | + 1 | 12.3 | + 2.4 | 18.3 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 8 | 05 | 03 | 96 | 08 | 2 | 961 | // | 7 | 4 | 6 | 1 | . | 75 | 99 | 000 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 965 | 84 | 5 | 5 | 6 | . | . | 78 | 81 | — | — | 7.1 | — | 11.7 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | R walpindi | 000 | 0 | 7 | 13 | 07 | 96 | 06 | 2 | 953 | 85 | 4 | 5 | 6 | 2 | 0 | 74 | 86 | 000 | 4 | 8 | 00 | 00 | 96 | 95 | 9 | 982 | 77 | 9 | 3 | 6 | 2 | . | 76 | 77 | — 10 | 0 | 19.7 | —10.2 | 20.0 | 36 |
| | Campbellpur | 000 | 0 | 4 | 09 | / | 98 | 00 | 0 | // | 97 | 0 | 0 | 9 | 0 | 0 | // | 99 | 008 | 7 | 8 | 09 | 00 | 97 | 00 | 0 | // | 79 | 0 | 9 | 9 | 0 | 0 | 79 | 72 | — | — | — | — | — | — |
| Sargodha | Khushab | 000 | 0 | 0 | 05 | 05 | 96 | 03 | 2 | 977 | 92 | 7 | 2 | 9 | 1 | 0 | 78 | 95 | 000 | 0 | 8 | 09 | 03 | 97 | 03 | 2 | 945 | 85 | 6 | 2 | 9 | 2 | 4 | 76 | // | — 7 | // | 5.0 | + 0.1 | 7.0 | 15 |
| | Sargodha | 000 | 0 | 7 | 13 | 07 | 96 | 06 | 0 | 946 | 88 | 3 | 5 | 6 | 2 | 0 | 78 | 90 | 000 | 0 | 6 | 09 | 03 | 96 | 06 | 2 | 972 | 84 | 2 | 5 | 6 | 3 | 1 | 77 | 81 | — | — | 3.2 | — | 7.2 | — |
| | Lyallpur | 002 | 3 | 6 | 00 | 00 | 97 | 02 | 5 | 928 | 87 | 6 | 4 | 7 | 0 | 0 | 72 | 92 | 002 | 9 | 5 | 29 | 02 | 97 | 02 | 5 | 975 | 83 | 5 | 3 | 0 | 0 | 0 | 76 | 81 | — 9 | — 1 | 6.3 | + 2.5 | 9.5 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| | Multan | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 931 | 97 | 3 | 5 | 6 | 7 | 0 | 76 | 98 | 001 | 8 | 6 | 13 | 05 | 96 | 02 | 6 | 960 | 88 | 2 | 5 | 6 | 3 | 0 | 76 | 85 | — 5 | + 1 | 18.4 | — 0.4 | 2.9 | 7 |
| | Lieiah | /// | / | 0 | 36 | 04 | 95 | 00 | 0 | 892 | 04 | 0 | 0 | 9 | 0 | 0 | 79 | 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 0 | 7 | 00 | 00 | 91 | 05 | 6 | /// | // | 7 | 6 | 2 | . | . | 63 | // | 000 | 0 | 7 | 00 | 00 | 96 | 00 | 2 | 968 | 88 | 7 | 0 | 9 | 7 | 0 | 75 | 86 | — | — | 0.2 | — 2.2 | 0.6 | 6 |
| | Bahawalpur | 000 | 0 | / | 00 | 00 | 95 | 00 | 0 | 935 | 97 | 0 | 0 | 9 | 0 | 0 | 71 | 01 | 000 | 0 | 0 | 00 | 04 | 96 | 00 | 0 | 973 | 93 | 0 | 0 | 9 | 0 | 0 | 72 | 84 | — | — | 0.0 | — 2.3 | 0.3 | 6 |
| | Fort Abbas | 000 | 0 | 4 | 00 | 00 | 96 | 03 | 2 | 933 | 96 | 4 | 0 | 9 | 0 | 1 | // | 97 | 000 | 0 | / | / | . | 98 | 00 | 0 | 913 | 87 | 0 | 0 | 9 | 0 | 0 | 63 | 81 | — | — | — | — | — | 8 |
| Malakand | Chakdara | 000 | 0 | 8 | 27 | 03 | 96 | 03 | 2 | 992 | 86 | 8 | 0 | 9 | 9 | 0 | 75 | 87 | 008 | 0 | 8 | 00 | 00 | 96 | 02 | 2 | 945 | 79 | 8 | 0 | 9 | 2 | . | 73 | 76 | — | — | 0.9 | — | 3.8 | — |
| Peshawar | Peshawar | 000 | 0 | 7 | 36 | 09 | 96 | 06 | 2 | 932 | 91 | 2 | 3 | 6 | 3 | 1 | 77 | 93 | 000 | 0 | 7 | 36 | 05 | 96 | 06 | 2 | 957 | 81 | 3 | 3 | 6 | 2 | 0 | 77 | 81 | — 8 | + 1 | 2.3 | + 0.9 | 10.8 | 11 |
| | H ripur | 000 | 4 | 5 | 13 | 03 | 97 | 03 | 2 | 962 | 82 | 5 | 0 | 5 | 3 | 0 | 79 | 95 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.2 | — | 20.1 | — |
| D.I. Khan | B nnu | 000 | 0 | 8 | 00 | 00 | 98 | 02 | 0 | 918 | 84 | 0 | 0 | 5 | 0 | 0 | 88 | 96 | 000 | 0 | 7 | 00 | 00 | 98 | 04 | 2 | 972 | 84 | 0 | 0 | 9 | 7 | 0 | 73 | 83 | — | — | 0.7 | — | 3.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 924 | 00 | 0 | 0 | 9 | 0 | 0 | 79 | 01 | 000 | 0 | 7 | 09 | 02 | 97 | 02 | 6 | 964 | 85 | 2 | 1 | 9 | 4 | 0 | 79 | 83 | + 1 | + 1 | 0.5 | — 2.1 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi | 000 | 0 | 0 | 31 | 21 | 94 | 05 | 4 | 695 | 02 | 0 | 0 | 9 | 0 | 0 | 55 | 03 | 000 | 0 | 0 | 36 | 21 | 94 | 05 | 4 | 947 | 67 | 0 | 0 | 9 | 0 | 0 | // | 82 | — | — | 0.0 | — | 0.0 | 2 |
| | Turbat | 000 | 0 | 0 | 25 | 03 | 98 | 00 | 0 | 949 | 14 | 0 | 0 | 9 | 0 | 0 | 71 | 14 | 000 | 0 | 0 | 05 | 02 | 98 | 00 | 0 | 003 | 91 | 0 | 0 | 9 | 0 | 0 | 61 | 80 | — | — | 0.0 | — | 0.0 | — |
| Kalat | Jiwani | 000 | 0 | 0 | 18 | 10 | 95 | 02 | 0 | 919 | 95 | 0 | 0 | 9 | 0 | 0 | 71 | 97 | 000 | 0 | 5 | 13 | 07 | 96 | 03 | 0 | 951 | 84 | 5 | 6 | 4 | 0 | 0 | 81 | 81 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | 942 | 67 | 0 | 0 | 9 | 0 | 0 | 67 | 95 | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | / | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | // | // | 0.0 | — 0.6 | 0.0 | 6 |
| | Ormara | 000 | 0 | 2 | 27 | 12 | 96 | 03 | 3 | 917 | 88 | 1 | 6 | 6 | 0 | 0 | 78 | 90 | 000 | 0 | 6 | 09 | 07 | 96 | 06 | 6 | 955 | 81 | 1 | 6 | 0 | 3 | 0 | 80 | 54 | — | — | 0.8 | + 0.1 | 0.8 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Karachi division | Karachi (Manora) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 09 | 96 | 02 | 2 | 934 | 87 | 4 | 6 | 5 | 3 | 0 | 74 | 92 | 000 | 0 | 7 | 00 | 00 | 96 | 03 | 2 | 962 | 84 | 4 | 6 | 5 | 3 | 0 | 78 | 82 | — | — | 0.0 | — | 0.2 | — |
| Hyderabad | Nagarparkar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Chhor | 000 | 0 | 7 | 23 | 09 | 96 | 02 | 2 | 930 | 92 | 4 | 5 | 6 | 2 | 0 | 73 | 94 | 000 | 0 | 0 | 23 | 02 | 96 | 00 | 0 | 991 | 84 | 0 | 0 | 9 | 0 | 0 | 77 | 81 | — | — | 1.9 | — | 2.6 | 7 |
| | Hyderabad | 000 | 0 | 8 | 23 | 05 | 97 | 03 | 2 | 925 | 92 | 3 | 0 | 9 | 2 | 1 | 75 | 97 | 000 | 0 | 7 | 18 | 03 | 97 | 03 | 1 | 968 | 83 | 7 | 0 | 9 | 3 | 0 | 77 | 82 | — 10 | + 2 | 0.7 | — 2.3 | 0.7 | 9 |
| | Badin | 000 | 0 | 7 | 23 | 10 | 97 | 03 | 2 | 945 | 90 | 4 | 4 | 6 | 2 | 0 | 74 | 93 | 000 | 0 | 8 | 00 | 00 | 96 | 03 | 1 | 975 | 83 | 1 | 7 | 6 | 1 | / | 77 | 82 | — | — | 0.1 | — 3.9 | 0.1 | — |
| Khairpur | Padidan | 000 | 0 | 6 | 09 | 03 | 96 | 03 | 1 | 906 | 04 | 0 | 0 | 9 | 0 | 4 | 65 | 05 | 000 | 0 | 5 | 09 | 03 | 96 | 03 | 0 | 963 | 87 | 3 | 5 | 6 | 4 | 0 | 75 | 83 | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | 000 | 0 | 6 | 18 | 10 | 96 | 03 | 0 | 918 | 99 | 2 | 4 | 6 | 3 | 0 | 80 | 04 | 000 | 0 | 5 | 13 | 07 | 96 | 03 | 1 | 969 | 84 | 5 | 0 | 9 | 3 | 0 | 77 | 81 | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | 000 | 0 | 7 | 23 | 02 | 96 | 03 | 0 | 917 | 03 | 7 | 0 | 9 | 9 | 0 | 95 | 04 | 000 | 0 | 7 | 13 | 03 | 96 | 03 | 0 | 961 | 89 | 7 | 0 | 9 | 9 | 0 | 78 | 82 | — | — | 1.4 | — | 1.4 | — |
| | K shmore | 000 | 0 | 8 | 05 | 0 | 98 | 03 | 2 | 913 | 97 | 0 | 0 | 9 | 0 | 0 | 72 | 98 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 7 | 18 | 05 | 96 | 02 | 0 | 909 | 97 | 7 | 0 | 9 | 7 | 0 | 74 | // | 000 | 0 | 7 | 18 | 02 | 96 | 05 | 2 | 970 | 87 | 4 | 0 | 9 | 3 | 1 | 79 | 83 | // | — 1 | 2.5 | + 1.4 | 2.6 | 20 |
| Junagadh | Ver val | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Drae ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Misgar ** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Aliabad * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Gilgit * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Rawalpindi | Murree * | 015 | 5 | 9 | 13 | 02 | 90 | 49 | 6 | 396 | 65 | 9 | / | 0 | / | / | 63 | 66 | 035 | 2 | 9 | 07 | 02 | 90 | 49 | 6 | 417 | 63 | 9 | / | 0 | . | / | 62 | 61 | — 22 | 0 | 22.1 | + 7.1 | 30.5 | 29 |
| Malakand | Drosh * | 000 | 0 | 7 | 28 | 16 | 95 | 04 | 0 | 333 | 96 | 5 | 8 | 6 | 7 | 0 | 51 | // | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | // | — | | | | — |
| Peshawar | Cherat * | 000 | 0 | 1 | 18 | 12 | 96 | 02 | 2 | 390 | 81 | 4 | 8 | 8 | 0 | 0 | 68 | 82 | 006 | 7 | 8 | 18 | 03 | 92 | 05 | 5 | 406 | 71 | 8 | 3 | 0 | 0 | 0 | 71 | 71 | — 6 | 0 | 4.0 | — 0.9 | 3.6 | — |
| | Kakul * | 014 | 6 | 8 | 18 | 02 | 94 | 06 | 6 | 397 | 74 | 6 | 7 | 5 | 2 | / | 69 | 71 | 019 | 3 | 8 | 11 | 02 | 94 | 05 | 6 | 413 | 71 | 5 | 7 | 5 | 2 | 1 | 69 | 70 | — | — | 17.4 | — | 32.4 | 29 |
| | Landikotal * | /// | / | 8 | 08 | 05 | 97 | 02 | 2 | 392 | 83 | 8 | 5 | 1 | 0 | 0 | 75 | 87 | 000 | 0 | 8 | 09 | 05 | 97 | 02 | 2 | 398 | 76 | 8 | 0 | / | 0 | 0 | 73 | 74 | — | — | 5.3 | — | 14.9 | 13 |
| | Parachinar * | 000 | 0 | 8 | 13 | 05 | 95 | 17 | 9 | 396 | 77 | 7 | 9 | 5 | 2 | 7 | 69 | 83 | 009 | 3 | 6 | 13 | 02 | 97 | 17 | 9 | 412 | 71 | 5 | 9 | 5 | 2 | 0 | 69 | 69 | — 3 | + 3 | 4.4 | — | 12.0 | 11 |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 02 | 2 | 414 | 98 | 6 | 0 | 9 | 0 | 2 | 69 | 99 | 000 | 0 | 4 | 05 | 05 | 97 | 00 | 1 | 311 | // | 4 | 0 | 9 | 0 | 1 | 67 | 70 | — | — | 0.0 | — 2.2 | 1.6 | 13 |
| | Wana * | 011 | 0 | 8 | 13 | 04 | 96 | 50 | 0 | 400 | 80 | 8 | 5 | 7 | 0 | 0 | 77 | 90 | 011 | 0 | 0 | 00 | 00 | 96 | 00 | 0 | 391 | 78 | 0 | 0 | 9 | 0 | 0 | 76 | 70 | — | — | 0.3 | — | 0.9 | — |
| Quetta | Fort Sandeman * | 000 | 0 | 8 | 09 | 14 | 96 | 10 | 9 | 360 | 91 | 7 | 3 | 6 | / | / | 55 | 97 | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 2 | 995 | 72 | 4 | 4 | 7 | 2 | 0 | 65 | 78 | — | — | 5.1 | + 2.6 | 2.9 | 9 |
| | Hindubagh * | 000 | 0 | 0 | 34 | 13 | 99 | 05 | 0 | /// | 97 | 0 | 0 | 9 | 0 | 0 | 60 | 98 | 000 | 0 | 8 | 16 | 02 | 95 | 02 | 0 | / | 75 | 8 | 4 | 4 | 0 | 0 | 52 | 67 | — | — | 0.4 | — | 2.1 | — |
| | Loralai * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan * | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Marnai * | 000 | 0 | 0 | 13 | 01 | 96 | 02 | 0 | 383 | 98 | 0 | 0 | 9 | 0 | 0 | 69 | 99 | 000 | 0 | 0 | 22 | 01 | 96 | 03 | 2 | 385 | 85 | 0 | 5 | 7 | / | . | 69 | 82 | — | — | 0.0 | — 3.3 | 0.0 | 8 |
| | Samungli (Quetta) * | 000 | 0 | 0 | 00 | 00 | 96 | 05 | 0 | 371 | 92 | 0 | 0 | 9 | 0 | 0 | 74 | 95 | 000 | 0 | 6 | 13 | 07 | 96 | 06 | 1 | 394 | 77 | 5 | 0 | 9 | 3 | 1 | 69 | 63 | + 2 | — 5 | 0.4 | — 0.1 | 3.2 | — |
| | Chaman * | 000 | 0 | 5 | 13 | 07 | 96 | 00 | 0 | 444 | 97 | 0 | 0 | 9 | 0 | 0 | 49 | 98 | 000 | 0 | 8 | 27 | 03 | 96 | 03 | 0 | 485 | 79 | 8 | 6 | 7 | 0 | 0 | 62 | 72 | — 2 | — 3 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | 000 | 0 | 0 | 31 | 03 | 97 | 02 | 0 | 425 | 97 | 0 | 0 | 9 | 0 | 0 | 42 | 99 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | 000 | 0 | 0 | 13 | 03 | 97 | 00 | 0 | /// | // | 0 | 0 | 9 | 0 | 0 | // | 94 | 000 | 0 | 5 | 23 | 02 | 94 | 06 | 0 | 399 | 86 | 5 | 0 | 9 | 2 | . | 32 | 80 | — 5 | — 3 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | Kalat * | 000 | 0 | 0 | 31 | 01 | 94 | 00 | 2 | 347 | 88 | 0 | 0 | 9 | 0 | 0 | 70 | 90 | 000 | 0 | 0 | 27 | 00 | 93 | 00 | 2 | 380 | 71 | 0 | 0 | 9 | 0 | 0 | 57 | 71 | — 2 | + 2 | 0.0 | — 0.8 | 0.4 | — |
| | Khuzdar * | 000 | 0 | 5 | 13 | 07 | 96 | 05 | 1 | 352 | 99 | 5 | 0 | 9 | 5 | 0 | 46 | 02 | 000 | 0 | 2 | 18 | 02 | 96 | 05 | 0 | 379 | 82 | 0 | 0 | 9 | 0 | 1 | 67 | 80 | — | — | 0.5 | — | 0.6 | 5 |
| | Panjgur * | 000 | 0 | 0 | 36 | 12 | 95 | 05 | 0 | 396 | 95 | 0 | 0 | 9 | 0 | 0 | 73 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 3 | — | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

When ever 999 is given RRR see the summary have for the actus amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 28th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | N dd FF | $VVwwW$ | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sC h_sh_s$ | $0T_sT_sT_dT_d$ | $1T_wT_wT_{wt}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| BAY OF BENGAL ... | 99 1 85 | 10 8 48 | 28 0 63 | 22 1 25 | 97 0 10 | 00 8 29 | 00 9 01 | ... | ... | ... | ... | ... | ... | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface ($P_oP_oP_oT_oT_oT_oD_oD_o$) | 1000 mb (hhh $TTT_a$ DD) | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 001 258 13 | 020 254 08 | 400 190 30 | 065 092 56 | 578 051 44 | 751 143 35 | 963 273 15 | 243 471 // | 427 615 // | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 992 276 28 | 544 /// // | 400 214 43 | 038 138 60 | 572 051 // | 752 037 // | 973 161 // | ... | ... | ... | ... | ... | ... |
| Multan ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | 00 00 | 995 280 42 | 548 /// // | 350 242 50 | 861 138 33 | 585 016 59 | 761 099 52 | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed ($P_mP_mP_md_md_mf_mf_mf_m$) | TROPOPAUSE First ($P_tP_tP_tT_tT_tT_at$) | Transition ($d_td_tf_tf_tf_t$) | Second ($P_tP_tP_tT_tT_tT_t$) | Transition (dt dt ft ft ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 566 000 46 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 486 00 59 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

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

| Height in kms. a.s.l.→ STATION 1 | 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) |
|---|---|---|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 155 10 | 130 08 | 130 10 | 215 05 | ... | ... | ... | ... |
| Chhor ... | 205 08 | 210 10 | /80 10 | 075 06 | 045 12 | 015 13 | ... | ... | ... |
| Chittagong ... | No | Ascent | due | to rain | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 160 24 | 160 29 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 060 05 | 115 03 | 150 12 | 150 14 | 145 21 | 195 09 | 265 09 | 310 16 | 320 12 |
| Drosh ... | ... | ... | ... | 230 13 | 215 09 | 185 06 | 145 04 | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 235 03 | 290 03 | 240 04 | 290 07 | 295 10 | 280 08 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 120 10 | 130 06 | 135 10 | 135 15 | 195 10 | 230 02 | ... | ... | ... |
| Jiwani ... | 185 13 | 220 12 | 250 09 | 330 08 | 020 11 | 325 12 | 300 21 | 265 21 | 280 21 |
| Karachi ... | 215 14 | 205 08 | 345 06 | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 020 05 | 140 05 | 005 08 | 345 04 | 320 03 | 330 07 | 330 01 | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 065 01 | 200 02 | 210 03 | 280 04 | 270 04 | ... | ... | ... | ... |
| Multan ... | 135 06 | 145 01 | 155 12 | 155 13 | 170 17 | ... | ... | ... | ... |
| Nawab Shah ... | 155 17 | 160 07 | 130 03 | 030 11 | 020 08 | 345 09 | ... | ... | ... |
| Nokkundi ... | No | Ascent | due to | strong | wind | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 015 09 | 065 08 | 125 08 | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | ... | 255 03 | 170 03 | 003 88 | 025 24 | ... |
| Sargodha ... | 120 13 | 150 13 | 160 09 | 200 04 | 235 12 | 270 10 | 065 11 | ... | ... |
| Skardu ... | ... | ... | ... | /// // | ... | 255 03 | 040 01 | 060 03 | 350 02 |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0000 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.→ STATION 1 | 0.3 (11) | 0.6 (12) | 0.9 (13) | 1.5 (14) | 2.1 (15) | 3.0 (16) |
|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | 255 13 | 240 12 | 225 13 | 175 09 | 155 80 | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 140 12 | 170 12 | 195 13 | ... | 19/ 12 | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 230 08 | 215 05 | 180 07 |
| Gilgit ... | ... | ... | ... | 115 07 | 105 10 | 100 17 |
| Ishurdi ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 185 07 | 235 05 | 325 07 | 280 06 | 290 10 | 295 10 |
| Karachi ... | 240 08 | 240 04 | 325 09 | 340 20 | 005 14 | 050 19 |
| Khanpur ... | 225 06 | 220 05 | 210 6/ | 220 04 | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 150 19 | 155 11 | 150 10 | 180 08 | 125 13 | 085 14 |
| Nokkundi ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | 345 12 | 345 19 | 355 27 |
| Peshawar ... | ... | 340 01 | 345 01 | /97 07 | 090 05 | 129 02 |
| Parachinar ... | ... | ... | ... | 308 4/ | 325 04 | ... |
| Quetta ... | ... | ... | ... | ... | ... | ... |
| Sargodha ... | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| Height in kms. a.s.l.→ STATION 1 | 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 130 13 | 125 08 | 133 08 | 140 12 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 110 17 | 105 10 | 065 12 | 100 09 | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 280 04 | 185 03 | 170 02 | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 025 03 | 005 03 | 320 02 | 305 06 | 010 05 | 025 05 | ... | ... | ... | ... | ... |
| Multan ... | 155 1/ | 165 62 | 165 10 | 165 10 | 165 09 | 155 07 | 140 12 | 120 06 | 145 12 | 145 12 | ... |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 190 03 | 120 02 | 110 03 | ... | ... | ... | ... |
| Sargodha ... | 110 07 | 160 03 | 170 03 | 215 06 | 215 05 | 190 03 | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.→ STATION 1 | 0.3 (2) | 0.6 (3) | 0.9 (4) | 1.5 (5) | 2.1 (6) | 3.0 (7) | 3.6 (8) | 4.5 (9) | 5.4 (10) | 6.0 (11) | 7.2 (12) | 9.0 (13) | 10.5 (14) | 12.0 (15) | 13.5 (16) | 14.1 (17) | 15.0 (18) | 16.2 (19) | 18.5 (20) | 20.5 (21) | 23.5 (22) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

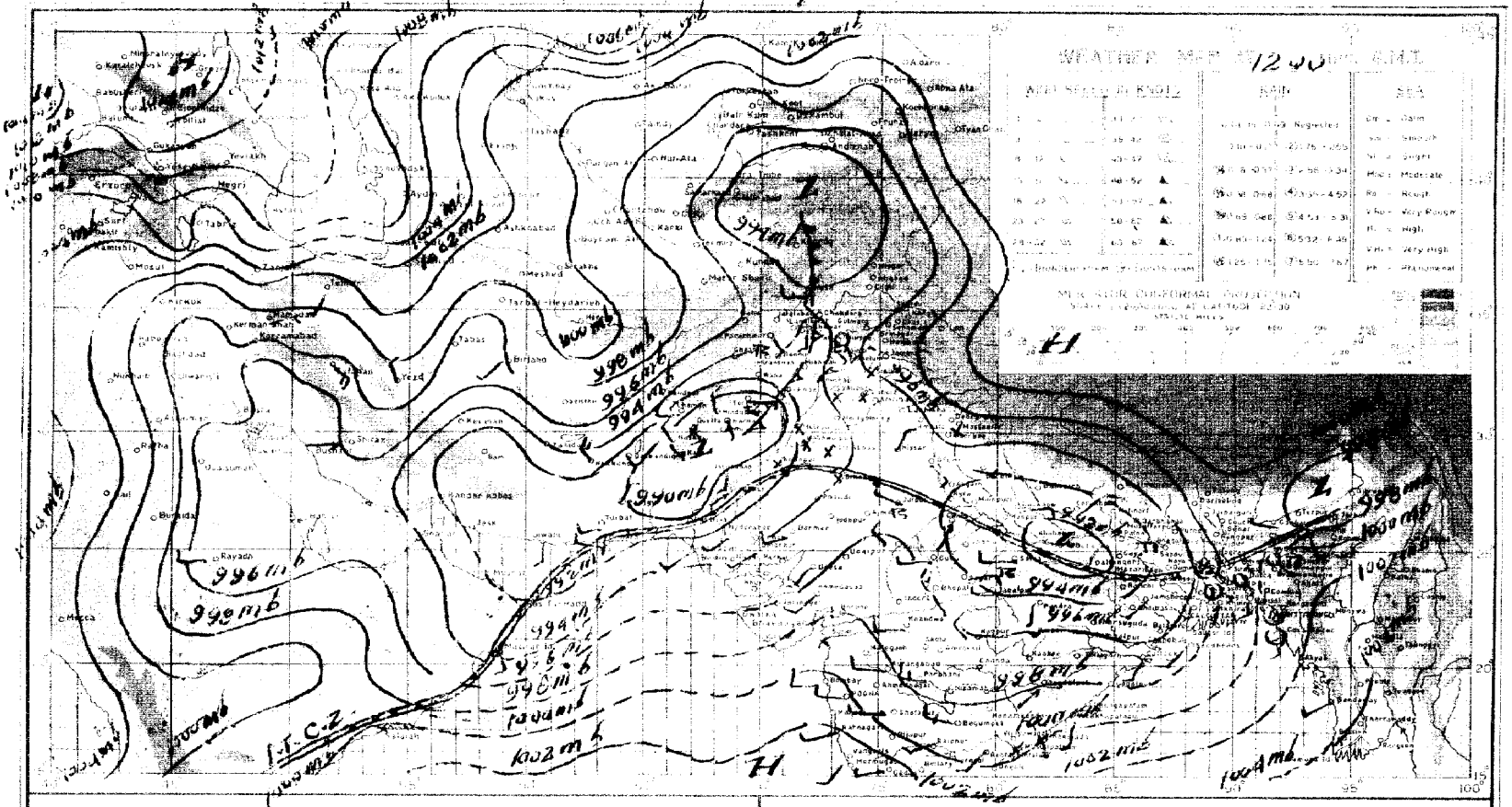
† The actual time of observations may vary within half an hour of the specified time.

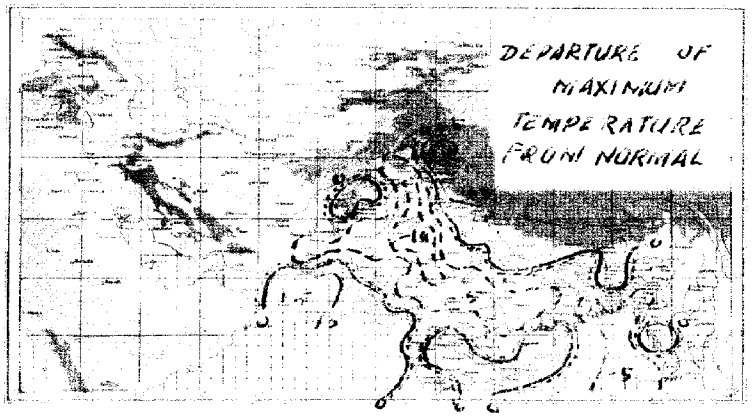
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

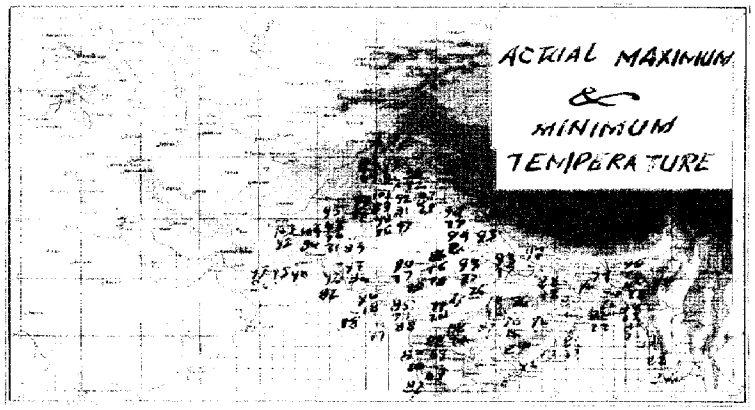
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

# PAKISTAN DAILY WEATHER MAP

TUESDAY 27th JULY, 1971

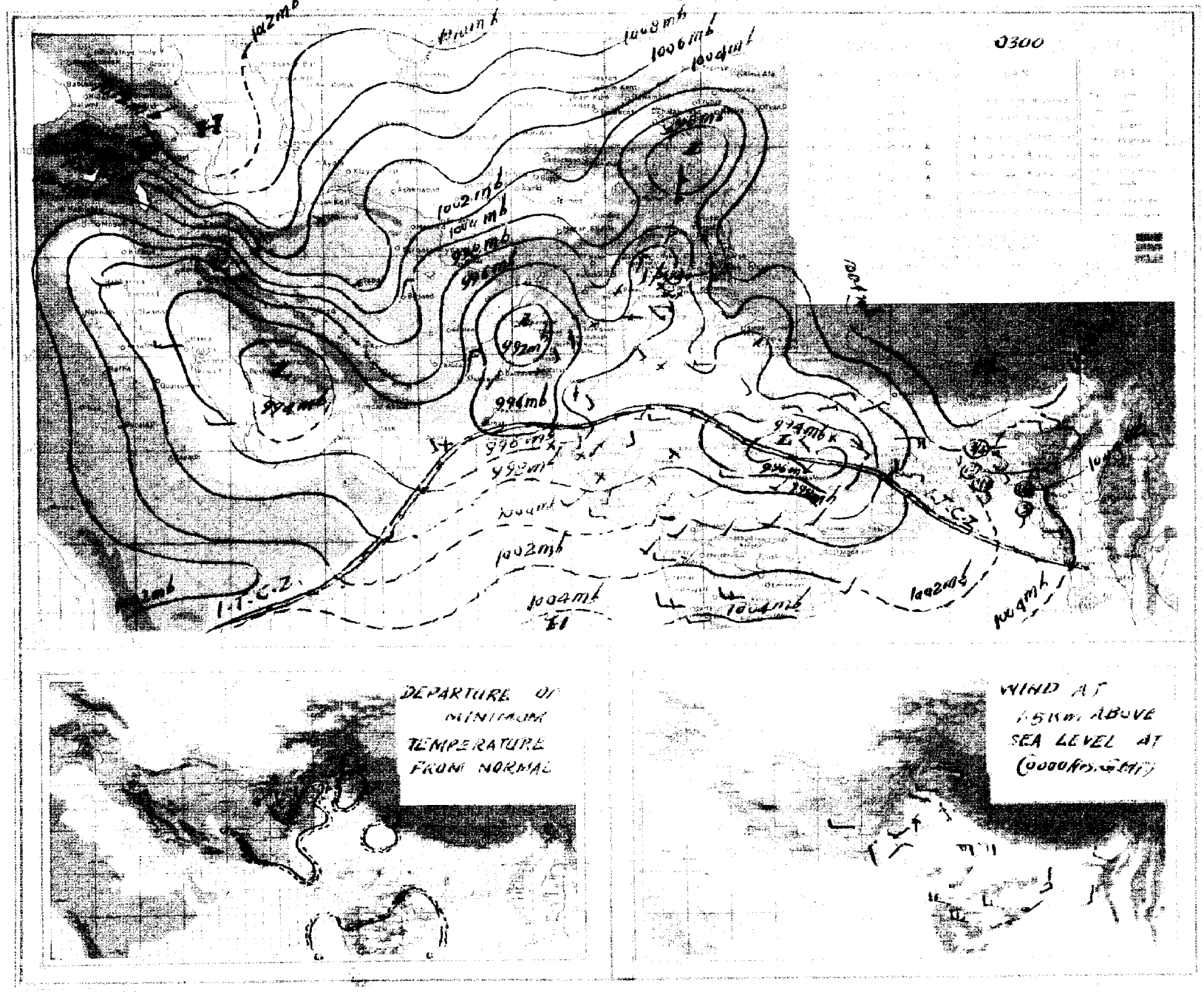


# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1–4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

**THURSDAY THE 29th JULY, 1971.**

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

Yesterday's well marked low has moved further westwards and now lies over northwest Madhya Pradesh and adjoining Uttar Pradesh and Rajasthan.

Rainfall have been fairly widespread in Rajshahi division, local in Khulna division and scattered elsewhere in East Pakistan.

Yesterday's low pressure wave over north of Kashmir and its associated trough have moved away eastwards. A fresh secondary western disturbance to-day lies over Afghanistan and adjoining areas of West Pakistan.

Widespread rain/thundershowers have occured in Malakand division, fairly widespread in Rawalpindi division, local in Bahawalpur and Peshawar divisions and scattered in Kalat division. Light rain/drizzle have also been reported from Lahore. Sargodha and Quetta divisions and a few thunderstorms from Hyderabad and Khairpur divisions.

Chief amounts of rainfall are Kakul 3", Murree 2", Jessore 1½", Sylhet, Rawalpindi, Khanpur and Chakdara 1" each, Maijdee Court, Srimangal, Satkhira, Pabna and Rangpur 3/4" each, Rajshahi, Jhelum and Parachinar ½" each and Mymensingh ¼".

Day temperatures were 10–15 °F (6 8 °C) below normal in Rawalpindi, Peshawar and Khairpur divisions and 3—6 °F (2–3 °C) so in Lahore, Sargodha, Malakand D. I. Khan and Kalat divisions and in most of the places in Quetta division.

**Forecast valid until the evening of the 30th July, 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan and in Lahore, Rawalpindi, Sargodha, Peshawar and Malakand divisions with a few heavy falls and scattered elsewhere over West Pakistan and in Kashmir.

Karachi-32
The 29th July, 1971.

## OBSERVATIONS

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature ° TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Cox's Bazar ... | 000 | 0 | 7 | 18 | 07 | 97 | 02 | 2 | 0 2 | ι3 | 5 | 5 | 4 | 3 | 0 | 77 | 84 |
| | Chittagong ... | | | | | | | | | | | | | | | | | |
| | Maijdee Court ... | 070 | 8 | 6 | 1. | 02 | 96 | 91 | 6 | 994 | 84 | 4 | 2 | 5 | 3 | / | 79 | 86 |
| | Comilla ... | 000 | 0 | 6 | 18 | 05 | 96 | 02 | 0 | 007 | 84 | 0 | 0 | 9 | 0 | 6 | 77 | 88 |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Srimangal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca | Mymensingh ... | 000 | 0 | 6 | 13 | 04 | 97 | 02 | 1 | 998 | 81 | 6 | 5 | 4 | 0 | 0 | 79 | 91 |
| | Narayanganj ... | 000 | 0 | 6 | 13 | 02 | 95 | 02 | 2 | 003 | 81 | 2 | 6 | 6 | 3 | 1 | 79 | 87 |
| | Dacca (Tejgaon) ... | 000 | 0 | 5 | 18 | 05 | 97 | 02 | 0 | 003 | 84 | 3 | 5 | 4 | 0 | 3 | 79 | 88 |
| | Faridpur ... | | | | | | | | | | | | | | | | | |
| Khulna | Barisal ... | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 2 | 007 | 84 | 4 | 4 | 4 | 0 | 8 | 79 | 89 |
| | Khulna ... | 049 | 2 | 5 | 00 | 00 | 97 | 02 | 0 | 005 | 81 | 2 | 3 | 4 | 0 | 0 | 79 | 91 |
| | Satkhira ... | 085 | 2 | 8 | 00 | 00 | 97 | 03 | 6 | 997 | 81 | 4 | 3 | 9 | 2 | 0 | 79 | 90 |
| | Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Rajshahi | Pabna ... | | | | | | | | | | | | | | | | | |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | 048 | 3 | 4 | 18 | 02 | 96 | 02 | 6 | 982 | 81 | 2 | 2 | 5 | 3 | 2 | 79 | 90 |
| | Bogra ... | 000 | 0 | 6 | 13 | 03 | 96 | 01 | 2 | 994 | 84 | 4 | 6 | 5 | 3 | 0 | 75 | 89 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | 008 | 2 | 3 | 13 | 02 | 96 | 01 | 6 | 962 | 84 | 3 | 0 | 9 | 1 | 0 | 79 | // |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 000 | 0 | 8 | 05 | 02 | 97 | 03 | 2 | 978 | 92 | 5 | 8 | 6 | 2 | / | 76 | 95 |
| | Sialkot ... | 000 | 0 | 8 | 00 | 00 | 97 | 02 | 2 | 950 | 89 | 4 | 5 | 6 | 2 | / | 80 | 93 |
| Rawalpindi | Jhelum ... | 000 | 3 | 7 | 05 | 02 | 97 | 02 | 2 | 944 | 89 | 2 | 5 | 6 | 1 | 0 | 73 | 95 |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 027 | 0 | 8 | 05 | 02 | 97 | 03 | 2 | 955 | 82 | 5 | 5 | 6 | 2 | | 75 | 81 |
| | Campbellpur ... | 000 | 0 | 0 | 05 | 00 | 97 | 00 | 0 | /// | 96 | 0 | 0 | 9 | 0 | 0 | 77 | 96 |
| Sargodha | Khushab ... | 000 | 0 | 5 | 36 | 03 | 97 | 02 | 2 | 9?? | 97 | 5 | 0 | 9 | 9 | 0 | 79 | 9? |
| | Sargodha ... | 000 | 0 | 7 | 05 | 02 | 96 | 06 | 2 | 937 | 95 | 2 | 5 | 6 | 3 | 0 | 78 | 99 |
| | Lyallpur ... | 000 | 0 | 4 | 00 | 00 | 97 | 02 | 1 | 937 | 90 | 0 | 0 | 9 | 0 | 4 | 59 | 96 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 4 | 13 | 05 | 97 | 01 | 2 | 927 | 99 | 2 | 1 | 6 | 3 | 0 | 76 | 02 |
| | Leiah ... | 000 | 0 | 0 | 36 | 00 | 95 | 02 | 0 | 910 | 04 | 0 | 0 | 9 | 0 | 0 | 81 | 03 |
| Bahawalpur | Khanpur ... | 090 | 4 | 4 | 00 | 00 | 96 | 03 | 9 | 946 | 70 | 8 | 2 | 9 | / | 8 | 72 | 03 |
| | Bahawalpur ... | 000 | 0 | 5 | 00 | 00 | 95 | 05 | 0 | 956 | 97 | 0 | 0 | 7 | 0 | 2 | 60 | 01 |
| | Fort Abbas ... | /// | / | 2 | 13 | 04 | 96 | 00 | 1 | 932 | 98 | 4 | 0 | 9 | 0 | 0 | 80 | 99 |
| Malakand | Chakdara ... | 052 | 8 | 8 | 00 | 00 | 96 | 1 | 6 | 993 | 78 | 8 | 5 | 5 | 0 | 0 | 75 | 79 |
| Peshawar | Peshawar ... | 000 | 0 | 7 | 09 | 03 | 96 | 05 | 2 | 942 | 85 | 4 | 9 | 6 | 2 | 0 | 78 | 88 |
| | Haripur ... | 042 | 4 | 8 | 05 | 03 | 97 | 03 | 6 | 9.4 | 76 | 6 | 0 | 9 | 4 | 0 | 76 | 82 |
| D.I. Khan | Bannu ... | 000 | 0 | 5 | 16 | 12 | 98 | 03 | 2 | 950 | 94 | 0 | 0 | 9 | 7 | 0 | 70 | 95 |
| | D. I. Khan ... | 056 | 2 | 8 | 36 | 15 | 96 | 95 | 7 | 956 | 82 | 5 | 3 | 6 | 2 | / | 70 | 98 |
| Quetta | Sibi .. | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 000 | 0 | 0 | 36 | 13 | 94 | 05 | 4 | 685 | 05 | 0 | 0 | 9 | 0 | 0 | 53 | 05 |
| Kalat | Turbat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Jiwani ... | 000 | 0 | 6 | 16 | 14 | 96 | 02 | 1 | 932 | 90 | 6 | 6 | 3 | 0 | 0 | 67 | 92 |
| | Pasni ... | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 6 | 7 | 9 | 0 | 2 | // | // |
| | Ormara ... | 000 | 0 | 6 | 16 | 07 | 96 | 02 | 2 | 944 | 92 | 1 | 6 | 6 | 3 | 0 | 75 | 93 |
| | Lasbela ... | 000 | 0 | 3 | 18 | 02 | 98 | 00 | 0 | 933 | 04 | 0 | 0 | 8 | 0 | 0 | 62 | 03 |
| Karachi division | Karachi (Manora) ... | 000 | 0 | 5 | 23 | 07 | 96 | 03 | 2 | 946 | 86 | 5 | 6 | 4 | 0 | 0 | 78 | 87 |
| | Karachi (Airport) ... | 000 | 0 | 7 | 23 | 05 | 96 | 02 | 2 | 928 | 86 | 7 | 5 | 5 | 3 | 0 | 77 | 87 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Hyderabad ... | 000 | 0 | 8 | 23 | 03 | 97 | 02 | 2 | 947 | 95 | 3 | 0 | 9 | 3 | 1 | 73 | // |
| | Badin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khairpur | Padidan ... | 000 | 0 | 6 | 18 | 05 | 96 | 01 | 2 | 937 | 98 | 2 | 4 | 6 | 7 | 0 | 74 | 99 |
| | Nawabshah ... | 000 | 0 | 1 | 13 | 07 | 96 | 01 | 0 | 939 | 98 | 1 | 0 | 9 | 0 | 1 | 77 | 99 |
| | Sukkur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Kashmore ... | 000 | 0 | 8 | 23 | 03 | 98 | 03 | 2 | 921 | 94 | 8 | 2 | 2 | 0 | 0 | 74 | 95 |
| | Jacobabad ... | 000 | 0 | 6 | 13 | 03 | 96 | 05 | 2 | 881 | 97 | 6 | 0 | 9 | 7 | 0 | 70 | 97 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 030 | 7 | 9 | 05 | 05 | 90 | 61 | 6 | 403 | /5 | 9 | / | 0 | / | / | 65 | 66 |
| Malakand | Drosh * ... | 002 | 6 | 7 | 23 | 03 | 96 | 02 | 9 | 394 | 79 | 5 | 6 | 6 | 2 | 0 | 67 | 90 |
| Peshawar | Cherat * ... | 000 | 6 | 8 | 18 | 03 | 97 | 97 | 9 | 395 | 50 | 8 | 6 | 7 | / | / | 65 | 93 |
| | Kakul * ... | 008 | 6 | 8 | 16 | 05 | 96 | 05 | 6 | 400 | 73 | 6 | 7 | 3 | 2 | / | 71 | 77 |
| | Landikotal * ... | 000 | 0 | 8 | 05 | 05 | 97 | 02 | 2 | 432 | 83 | 8 | 0 | / | 2 | 0 | 76 | 80 |
| | Parachinar * ... | 018 | 4 | 8 | 05 | 05 | 96 | 15 | 9 | 411 | 70 | 6 | 9 | 5 | 2 | / | 63 | 82 |
| D.I. Khan | Miranshah * ... | 000 | 0 | 8 | 05 | 05 | 97 | 00 | 1 | 409 | // | 8 | 0 | 9 | 0 | 1 | 69 | 98 |
| | Wana * ... | 015 | 0 | 8 | 13 | 02 | 96 | 01 | 1 | 381 | 74 | 8 | 3 | 7 | 0 | 0 | 73 | 86 |
| Quetta | Fort Sandeman * ... | 000 | 0 | / | 00 | 00 | 96 | 05 | 2 | 363 | 96 | 5 | 4 | 1 | 3 | 1 | 60 | 91 |
| | Hindubagh * ... | 000 | 0 | 8 | 25 | 02 | 95 | 03 | 0 | /// | 89 | 8 | 4 | 4 | 0 | 0 | 55 | 92 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 0 | 13 | 01 | 96 | 03 | 0 | 377 | 83 | 0 | 2 | 7 | / | / | 73 | 92 |
| | Samungli (Quetta) * ... | 000 | 0 | 6 | 13 | 12 | 96 | 03 | 0 | 373 | 87 | 3 | 4 | 6 | 4 | 0 | // | 99 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 03 | 96 | 00 | 0 | 443 | 94 | 0 | 0 | 9 | 0 | 0 | 46 | 96 |
| | Nushki * ... | 000 | 0 | 4 | 31 | 03 | 94 | 06 | 0 | 418 | 02 | 0 | 0 | 9 | 0 | 3 | 46 | 03 |
| | Dalbandin * ... | 000 | 0 | 0 | 31 | 03 | 94 | 06 | 0 | 388 | 03 | 0 | 0 | 9 | 0 | 0 | 63 | 04 |
| Kalat | Kalat * ... | 000 | 0 | 8 | 05 | 00 | 92 | 00 | 2 | 362 | 80 | 0 | 2 | 9 | 0 | 0 | 65 | 90 |
| | Khuzdar * ... | 005 | 0 | 5 | 00 | 00 | 96 | 90 | 1 | 373 | 86 | 3 | 5 | 6 | 3 | 0 | 64 | 91 |
| | Panjgur * ... | 000 | 0 | 0 | 00 | 00 | 95 | 05 | 0 | 394 | 99 | 0 | 0 | 9 | 0 | 0 | 79 | 01 |

**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 degree 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 TnTn (36) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | 000 | 0 | 5 | 18 | 05 | 98 | 01 | 2 | 059 | 83 | 3 | 4 | 6 | 7 | 0 | 77 | 78 |
| | Cox's Bazar | 000 | 0 | 7 | 00 | 00 | 96 | 02 | 2 | 049 | 84 | 4 | 4 | 4 | 4 | 0 | 77 | 77 |
| | Chittagong | | | | | | | | | | | | | | | | | |
| | Maijdee Court | 070 | 9 | 7 | 16 | 04 | 7 | .3 | 2 | 038 | 81 | 4 | 2 | 5 | 2 | 1 | 74 | 77 |
| | Comilla | 000 | 0 | 5 | 00 | 00 | 96 | 02 | 0 | 032 | 83 | 3 | 4 | 7 | 3 | 0 | 79 | 81 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | |
| | Sylhet | 119 | 9 | 7 | 18 | 02 | 6 | 61 | 2 | 940 | 77 | 5 | 4 | 2 | 2 | 0 | 77 | 77 |
| | Srimangal | ·82 | 9 | 6 | 13 | 02 | 6 | 01 | 6 | 040 | 84 | 3 | 9 | 5 | 4 | 5 | 79 | 79 |
| Dacca | Mymensingh | 018 | 2 | 6 | 00 | 00 | 97 | 02 | 6 | 041 | 83 | 5 | 6 | 4 | 0 | 0 | 77 | 77 |
| | Narayanganj | 000 | 0 | 8 | 23 | 03 | 97 | 03 | 2 | 037 | 84 | | 6 | 4 | / | / | 79 | 83 |
| | Dacca (Tejgaon) | 000 | 0 | 7 | 08 | 02 | 97 | 02 | 2 | 035 | 84 | 2 | 6 | 9 | 0 | 0 | 60 | 81 |
| | Faridpur | | | | | | | | | | | | | | | | | |
| Khulna | Barisal | 000 | 0 | 2 | 21 | 05 | 97 | 02 | 2 | 032 | 84 | 4 | 4 | 4 | 3 | 8 | 79 | 86 |
| | Khulna | 000 | 0 | 6 | 13 | 05 | 97 | 02 | 0 | 030 | 84 | 1 | 1 | 4 | 0 | 0 | 79 | 81 |
| | Satkhira | 065 | 0 | 4 | 18 | 04 | 97 | 03 | 1 | 931 | 86 | 2 | 3 | 9 | 2 | 5 | 79 | 75 |
| | Jessore | 170 | 9 | 5 | 13 | 07 | 96 | 01 | 6 | 026 | 83 | 3 | 6 | 4 | 3 | 0 | 79 | 77 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | |
| | Sirajganj | | | | | | | | | | | | | | | | | |
| | Rajshahi | 003 | 0 | 8 | 18 | 02 | 91 | 02 | 0 | 024 | 83 | 4 | 2 | 5 | 3 | 0 | 79 | // |
| | Bogra | 003 | 0 | 7 | 13 | 02 | 96 | 02 | 2 | 02 | 84 | 3 | 3 | 5 | 7 | 0 | 79 | 79 |
| | Dinajpur | | | | | | | | | | | | | | | | | |
| | Rangpur | 080 | 9 | 7 | 09 | 02 | 96 | 02 | 6 | 706 | 83 | 7 | 7 | 6 | 0 | 0 | 56 | 77 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) | 001 | 1 | 8 | 1. | 02 | 96 | 61 | 2 | 991 | 80 | 4 | 8 | 6 | 2 | | 79 | 81 |
| | Sialkot | 030 | 0 | 8 | 09 | 02 | 96 | 02 | 2 | 990 | 80 | 4 | 5 | 5 | 2 | / | 77 | 79 |
| Rawalpindi | Jhelum | 04 | 3 | 8 | 05 | 12 | 97 | 63 | 2 | 991 | 75 | 2 | 7 | 6 | 2 | 1 | 73 | 75 |
| | Islamabad | | | | | | | | | | | | | | | | | |
| | Rawalpindi | 09? | 3 | 8 | 05 | 03 | 96 | 95 | 9 | 993 | 72 | 8 | / | / | 2 | | 72 | 72 |
| | Campbellpur | 000 | 0 | 8 | 13 | 07 | 97 | 00 | 0 | /// | 81 | 0 | 0 | 9 | 0 | 0 | 72 | 72 |
| Sargodha | Khushab | 001 | 0 | 8 | 05 | 03 | 97 | 03 | 2 | 9?? | 83 | 6 | 2 | 9 | 2 | 4 | 80 | // |
| | Sargodha | 003 | 0 | | 09 | 07 | 97 | 03 | 6 | 974 | 85 | 5 | 7 | 4 | 2 | / | 79 | 83 |
| | Lyallpur | 000 | 0 | 6 | 36 | 02 | 96 | 02 | 1 | 972 | 87 | 6 | 4 | 7 | 0 | 0 | 77 | 83 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | |
| | Multan | 000 | 0 | 7 | 13 | 04 | 97 | 03 | 2 | 963 | 87 | 1 | 5 | 6 | 7 | 0 | 80 | 85 |
| | Leiah | 000 | 0 | 0 | 36 | 04 | 93 | 00 | 0 | 949 | 90 | 0 | 0 | 9 | 0 | 0 | 78 | 85 |
| Bahawalpur | Khanpur | 090 | 0 | 3 | 23 | 03 | 96 | 02 | 0 | 972 | 88 | 2 | 0 | 9 | 3 | 0 | 79 | 80 |
| | Bahawalpur | 000 | 0 | 0 | 00 | 00 | 94 | 05 | 0 | 926 | 90 | 0 | 0 | 9 | 0 | 0 | 63 | 85 |
| | Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Malakand | Chakdara | 094 | 3 | 8 | 00 | 00 | 96 | 29 | 9 | 956 | 73 | 8 | 3 | 6 | 1 | 1 | 75 | 75 |
| Peshawar | Peshawar | 000 | 0 | 7 | 06 | 02 | 96 | 50 | 2 | 964 | 62 | 3 | 5 | 6 | 4 | 0 | 78 | 81 |
| | Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Bannu | 000 | 0 | 5 | 00 | 00 | 98 | 03 | 2 | 971 | 76 | 3 | 2 | 7 | 7 | 0 | 78 | 83 |
| | D. I. Khan | 000 | 0 | 6 | 00 | 00 | 96 | 05 | 0 | 964 | 89 | 4 | 2 | 9 | 3 | 0 | 81 | 84 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | |
| | Nokkundi | 000 | 0 | 5 | 31 | 28 | | | | 544 | .8 | 0 | 0 | 6 | 4 | 0 | | 85 |
| Kalat | Turbat | 000 | 0 | 0 | 13 | 02 | 98 | 00 | 0 | // | 83 | 0 | 0 | 9 | 0 | 0 | 72 | 80 |
| | Jiwani | 000 | 0 | 7 | // | 0 | 96 | 02 | 1 | 976 | 83 | 5 | 6 | 5 | 3 | 0 | 79 | 80 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // |
| | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Lasbela | /// | / | 3 | 00 | 00 | 96 | 00 | 0 | 982 | 82 | 0 | 0 | 9 | 0 | 0 | 76 | 81 |
| Karachi division | Karachi (Manora) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Karachi (Airport) | 000 | 0 | 7 | 23 | 02 | 96 | 02 | 1 | 989 | 83 | 3 | 6 | 5 | 3 | 0 | 79 | 82 |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | |
| | Chhor | 000 | 0 | 4 | 23 | 07 | 96 | 01 | 2 | 980 | 85 | 4 | 5 | 6 | 0 | 0 | // | 83 |
| | Hyderabad | 000 | 6 | 6 | 18 | 12 | 97 | 03 | 5 | 986 | 85 | 8 | 0 | 9 | 3 | 0 | 77 | 83 |
| | Badin | 000 | 9 | 6 | 23 | 03 | 96 | 01 | 1 | 990 | 84 | 1 | 2 | 6 | 6 | 0 | 77 | 82 |
| Khairpur | Padidan | 000 | 8 | 7 | 18 | 03 | 96 | 03 | 5 | 972 | 78 | 5 | 5 | 6 | 7 | 0 | 75 | 76 |
| | Nawabshah | 000 | 0 | 1 | 19 | 07 | 96 | 02 | 2 | 981 | 87 | 7 | 0 | 9 | 2 | 0 | 75 | 63 |
| | Sukkur | 000 | 0 | 7 | 13 | 03 | 96 | 00 | 0 | 970 | 88 | 0 | 0 | 0 | 9 | 9 | 78 | |
| | Kashmore | 000 | 0 | 4 | 00 | 00 | 98 | 03 | 2 | 961 | 87 | 4 | 2 | 6 | 0 | 0 | 75 | 83 |
| | Jacobabad | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | |
| | HILL STATIONS | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * | | | | | | | | | | | | | | | | | |
| | Gulmarg ** | | | | | | | | | | | | | | | | | |
| | Sonamarg ** | | | | | | | | | | | | | | | | | |
| | Dras ** | | | | | | | | | | | | | | | | | |
| | Leh ** | | | | | | | | | | | | | | | | | |
| | Skardu * | | | | | | | | | | | | | | | | | |
| | Misgar ** | | | | | | | | | | | | | | | | | |
| | Aliabad * | | | | | | | | | | | | | | | | | |
| | Gilgit * | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * | 240 | 2 | 9 | 31 | 05 | 90 | 49 | 9 | 422 | 62 | 9 | / | 0 | / | / | 60 | 60 |
| Malakand | Drosh * | 002 | 0 | 4 | 00 | 00 | 98 | 0/ | / | 409 | 80 | 3 | 2 | 6 | 0 | 0 | 67 | 73 |
| Peshawar | Cherat * | 007 | 9 | 8 | 18 | 03 | 92 | 02 | 2 | 421 | 71 | 8 | 3 | 0 | 0 | 0 | 71 | 71 |
| | Kakul * | 297 | 3 | 8 | 18 | 03 | 94 | 29 | 9 | 406 | 67 | 8 | 7 | 4 | / | | 66 | 67 |
| | Landikotal * | 000 | 0 | 8 | 36 | 02 | 97 | 02 | 2 | 417 | 76 | 8 | 0 | / | 2 | 0 | 73 | 74 |
| | Parachinar * | 044 | 3 | 6 | 10 | 32 | 97 | 29 | 9 | 421 | 71 | 4 | 5 | 5 | 2 | 0 | 67 | 67 |
| D.I. Khan | Miranshah * | 000 | 0 | 6 | 05 | 05 | 97 | 00 | 1 | 408 | 85 | 6 | 0 | 9 | 0 | 2 | 69 | 71 |
| | Wana * | 015 | 0 | 6 | 00 | 00 | 97 | 03 | 0 | 381 | 74 | 6 | 5 | 8 | 0 | 0 | 73 | 70 |
| Quetta | Fort Sandeman * | 000 | 0 | 6 | 27 | 02 | 96 | 05 | 2 | 404 | 78 | 5 | 4 | 7 | 1 | 1 | 61 | 71 |
| | Hindubagh * | 000 | 0 | 8 | 09 | 02 | 95 | 03 | 2 | /// | 71 | 0 | 0 | 6 | 8 | 0 | 47 | 61 |
| | Loralai * | | | | | | | | | | | | | | | | | |
| | Barkhan * | | | | | | | | | | | | | | | | | |
| | Harnai * | 003 | 0 | 0 | 05 | 01 | 96 | 02 | 0 | 395 | 79 | 0 | 2 | 7 | / | / | // | 77 |
| | Samungli (Quetta) * | 003 | 0 | 7 | 13 | 05 | 96 | 05 | 2 | 408 | 73 | 2 | 5 | 6 | 7 | 0 | 69 | 71 |
| | Chaman * | 000 | 0 | 8 | 27 | 03 | 96 | 03 | 0 | 460 | 82 | 8 | 6 | 8 | 0 | 0 | 47 | 78 |
| | Nushki * | 000 | 0 | 0 | 00 | 00 | 94 | 06 | 0 | 448 | 68 | 0 | 0 | 9 | 0 | 0 | 70 | 85 |
| | Dalbandin * | 000 | 0 | 7 | 25 | 02 | 94 | 06 | 2 | 409 | 71 | 7 | 0 | 9 | 0 | / | 40 | 86 |
| Kalat | Kalat * | 000 | 0 | 0 | 18 | 00 | 93 | 00 | 2 | 390 | 75 | 0 | 0 | 9 | 0 | 0 | 56 | 75 |
| | Khuzdar * | 017 | 9 | 7 | 00 | 00 | 96 | 03 | 2 | 396 | 76 | 4 | 5 | 6 | 2 | 0 | 68 | 70 |
| | Panjgur * | 000 | 0 | 4 | 23 | 03 | 95 | 05 | 1 | 407 | 83 | 0 | 0 | 9 | 0 | 2 | 75 | 80 |

**Departure from Normal of / Rainfall**

| Divisions (1) | Stations (2) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum temperature TnTn (38) | Rainfall Since 1st June, 1971 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati | — | — | — | — | — | — |
| | Cox's Bazar | — 1 | + 1 | 88.0 | +23.6 | — | 140 |
| | Chittagong | — | — | — | — | — | 108 |
| | Maijdee Court | + 2 | 0 | — | — | — | 115 |
| | Comilla | — 1 | + 4 | — | — | — | 94 |
| | Brahmanbaria | — | — | | | | 78 |
| | Sylhet | — | — | 44.0 | — | — | — |
| | Srimangal | | + 3 | — | — | — | 98 |
| Dacca | Mymensingh | + 4 | — 1 | 32.9 | + 0.? | — | 91 |
| | Narayanganj | — 1 | + 4 | 3.1 | −20.5 | — | 74 |
| | Dacca (Tejgaon) | — | — | 21.7 | — | — | — |
| | Faridpur | | | — | — | — | 71 |
| Khulna | Barisal | + 2 | + 8 | 26.4 | — 5.5 | — | 81 |
| | Khulna | — | — | 2.6 | — 3.9 | — | 68 |
| | Satkhira | — | — | 20.6 | — 4.3 | — | 65 |
| | Jessore | | — 2 | 7.9 | —15.7 | — | 65 |
| Rajshahi | Pabna | — | — | — | — | — | 59 |
| | Sirajganj | — | — | — | — | — | 64 |
| | Rajshahi | — | — | — | — | — | |
| | Bogra | 0 | 0 | 6.7 | —18.1 | — | 67 |
| | Dinajpur | | — | — | — | — | 72 |
| | Rangpur | // | — 1 | — | — | — | 84 |
| Kashmir | Jammu | | | | | | — |
| Lahore | Lahore (Jail Rd.) | — 4 | — 1 | 6.4 | — 0.3 | 9.5 | 19 |
| | Sialkot | — 3 | 0 | 12.3 | + 2.1 | 18.3 | 32 |
| Rawalpindi | Jhelum | — | — | 7.5 | — | 12.2 | — |
| | Islamabad | | | | | | |
| | Rawalpindi | — 15 | — 5 | 20.6 | +11.1 | 20.9 | 36 |
| | Campbellpur | — | — | — | | — | |
| Sargodha | Khushab | — 3 | | 5.0 | — 0.0 | 7.? | 15 |
| | Sargodha | | — | 3.2 | — | 7.? | — |
| | Lyallpur | — 5 | + 1 | 6.3 | + 2.4 | 9.5 | 12 |
| Multan | Sahiwal | — | — | — | — | — | 10 |
| | Multan | — 1 | + 1 | 1.8 | — 0.5 | 2.4 | 7 |
| | Leiah | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | — | — | 1.1 | — 1.4 | 1.5 | 6 |
| | Bahawalpur | — | — | 0.0 | — 2.5 | 0.3 | 6 |
| | Fort Abbas | — | — | — | — | — | |
| Malakand | Chakdara | — | — | 1.8 | — | 4.7 | 8 |
| Peshawar | Peshawar | — 13 | + 1 | 2.3 | + 0.9 | 10.8 | 11 |
| | Haripur | — | — | 12.2 | — | 20.1 | |
| D.I. Khan | Bannu | — | — | 0.7 | — | 3.0 | 11 |
| | D. I. Khan | — 4 | + 2 | 0.5 | — 2.2 | 3.3 | |
| Quetta | Sibi | — | — | — | — | — | 9 |
| | Nokkundi | — | — | 0.0 | — | 0.0 | 5 |
| Kalat | Turbat | — | — | 0.0 | — | 0.0 | 2 |
| | Jiwani | — | — | 0.0 | — | 1.5 | — |
| | Pasni | // | // | 0.0 | — 0.7 | 0.0 | 5 |
| | Ormara | — | — | 0.8 | + 0.1 | 0.8 | 6 |
| | Lasbela | — | — | 0.0 | — | 0.0 | 6 |
| Karachi division | Karachi (Manora) | 0 | — | — | — | — | 8 |
| | Karachi (Airport) | — | — | 0.0 | — | 0.2 | 8 |
| Hyderabad | Nagarparker | — | — | | | | — |
| | Chhor | — | — | 1.9 | — | 2.6 | 7 |
| | Hyderabad | | + 3 | 0.7 | — 2.4 | 0.7 | 9 |
| | Badin | — | — | 0.1 | — 3.9 | 0.1 | |
| Khairpur | Padidan | — | — | 0.0 | — | 0.0 | — |
| | Nawabshah | — | — | 0.0 | — | 0.0 | 4 |
| | Sukkur | — | — | 1.4 | — | 1.4 | — |
| | Kashmore | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | — 10 | — | 2.5 | + 1.3 | 2.6 | 20 |
| Junagadh | Veraval | | | | | | 26 |
| | HILL STATIONS | | | | | | — |
| Kashmir | Srinagar * | | | | | | 71 |
| | Gulmarg ** | | | | | | 26 |
| | Sonamarg ** | | | | | | 3 |
| | Dras ** | | | | | | 6 |
| | Leh ** | | | | | | — |
| | Skardu * | | | | | | — |
| | Misgar ** | | | | | | 5 |
| | Aliabad * | | | | | | 59 |
| | Gilgit * | | | | | | 18 |
| Rawalpindi | Murree * | — 10 | — 2 | 24.5 | + 9.5 | 32.9 | 29 |
| Malakand | Drosh * | — 7 | 0 | 1.3 | — | 0.0 | — |
| Peshawar | Cherat * | + 5 | 0 | 4.0 | — 0.7 | 3.6 | — |
| | Kakul * | — | — | 17.4 | — | 32.4 | 29 |
| | Landikotal * | — | — | 5.3 | — | 14.9 | 13 |
| | Parachinar * | — 4 | + 1 | 4.8 | — | 12.4 | 11 |
| D.I. Khan | Miranshah * | — | — | 0.0 | — 2.2 | 1.6 | 13 |
| | Wana * | — | — | 0.3 | | 1.0 | — |
| Quetta | Fort Sandeman * | — 8 | — 4 | 5.1 | + 2.5 | 2.9 | 9 |
| | Hindubagh * | — | — | 0.4 | — | 2.0 | — |
| | Loralai * | — | — | — | — | — | 14 |
| | Barkhan * | — | — | | | | 9 |
| | Harnai * | — | — | 0.0 | — 3.5 | 0.0 | 8 |
| | Samungli (Quetta) * | + 6 | + 3 | 0.5 | — 0.1 | 3.2 | — |
| | Chaman * | — 4 | + 3 | 0.0 | — 0.1 | 1.3 | — |
| | Nushki * | — | — | 0.0 | — | 1.1 | 4 |
| | Dalbandin * | — 5 | — 9 | 0.0 | — 0.1 | 0.7 | 7 |
| Kalat | Kalat * | — 2 | + 20 | 0.0 | — 0.8 | 0.4 | — |
| | Khuzdar * | — | — | 0.7 | — | 0.9 | 5 |
| | Panjgur * | — 2 | + 3 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

When ever 999 is given RRR see the summary bove for the actua amounts of rainfall.

# PAKISTAN DAILY WEATHER REPORT

**THURSDAY THE 29th JULY, 1971.**

**WIRELESS REPORTS FROM SHIPS**

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGGi_w$ | $N\ ddFF$ | $VV\ ww\ W$ | $PPP\ TT$ | $N_hC_LhC_MC_H$ | $D_sV_sa\ PP$ | $7RR\ t_Rt_R$ | $8N_sCh_sh_s$ | $0\,1_sT_sT_dT_d$ | $1T_wT_wT_{wc}T_w$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| | | | | | | | | | | | | | | |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface | 1000mb | 850mb | 700mb | 500mb | 400mb | 300mb | 200mb | 150mb | 100mb | 70mb | 50mb | 30mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | PoPoPoToToToDoDo | hhh TTTa DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 001 274 11 | 018 262 10 | 400 174 36 | 058 082 45 | 550 010 02 | 750 147 61 | 962 281 // | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | ... | | | | | | |
| Peshawar ... | 00 00 | 956 278 34 | 540 /// // | 370 240 42 | 070 148 34 | 583 017 41 | 758 125 40 | 972 251 // | 254 461 // | 439 613 // | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 975 270 15 | 530 /// // | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP TTTa DD | | | | | | | Max. Wind Speed | TROPOPAUSE First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | $P_tP_tP_tT_tT_tT_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | 00 00 | 565 000 46 | 502 114 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 517 000 41 | 350 181 53 | 132 677 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (ddfff) (cols 2–10); At 0000 hrs. G.M.T. † of date (ddfff) (cols 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 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 065 09 | 015 05 | 235 06 | 260 12 | 260 13 | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 15 | 240 09 | 185 05 | ... | 130 05 | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 240 06 | 245 08 | 265 10 | 280 11 | ... | ... |
| Dacca ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 275 01 | 005 16 | 360 07 | 040 19 |
| D. I. Khan ... | 180 04 | 190 06 | 180 06 | 180 12 | 180 11 | 175 10 | 155 03 | 080 04 | 126 26 | 140 12 | 170 13 | 175 11 | 175 16 | 165 08 | 320 04 |
| Drosh ... | ... | ... | ... | 230 07 | 170 03 | 0.0 05 | ... | ... | ... | ... | ... | ... | 225 02 | 165 01 | 205 04 |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 235 05 | 080 00 | 070 07 |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 010 08 | 340 10 | 310 06 | 260 08 | 275 09 | ... | ... | ... | ... | 175 07 | 170 10 | 175 10 | 195 09 | 205 10 | ... |
| Jiwani ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // | 115 19 | 140 30 | ... | ... | ... |
| Karachi ... | 195 12 | 185 17 | 155 15 | 105 15 | 060 19 | 030 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 250 04 | 285 03 | 290 80 | 270 08 | 260 12 | 250 15 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 310 04 | 330 05 | 360 09 |
| Lahore ... | 005 06 | 345 06 | 340 05 | 315 03 | 295 04 | 265 07 | 265 09 | ... | ... | 130 06 | 160 09 | 200 11 | 170 06 | ... | ... |
| Multan ... | 180 12 | 160 13 | 170 4/ | 200 14 | 195 10 | 350 12 | ... | ... | ... | 205 14 | 156 14 | 190 15 | 175 13 | 081 13 | 265 07 |
| Nawab Shah ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 190 18 | 180 15 | 175 12 | 075 09 | 035 11 | 035 19 |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 325 15 | 345 19 | 355 30 |
| Peshawar ... | ... | 030 56 | 050 07 | 155 13 | 220 13 | ... | ... | ... | ... | ... | 040 02 | 070 04 | 205 03 | 205 05 | 275 06 |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 105 03 | 275 01 |
| Quetta ... | ... | ... | ... | /// // | 195 08 | 315 05 | ... | ... | ... | ... | ... | ... | /// // | 235 07 | 270 07 |
| Sargodha ... | 065 02 | 165 02 | 170 03 | 205 07 | 245 05 | 005 03 | ... | ... | ... | 185 07 | 170 09 | 175 11 | 195 07 | 220 09 | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 260 03 | 190 03 |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

At 0600 hrs. G.M.T. † of date (ddfff)

| 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 1 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cherat ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 180 06 | 180 08 | 170 10 | 150 15 | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 110 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 285 02 | 235 04 | 210 05 | 180 03 | 085 20 | 020 16 | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 180 08 | 185 12 | 185 05 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 200 16 | 200 14 | 170 15 | 120 09 | 075 05 | 040 13 | 035 15 | 020 23 | ... | ... | ... |
| Nokkundi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 030 07 | 035 02 | 215 03 | ... | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 265 01 | 180 04 | 165 07 | ... | ... | ... | ... |
| Sargodha ... | 050 11 | 065 12 | 080 09 | 205 05 | 245 09 | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms. a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

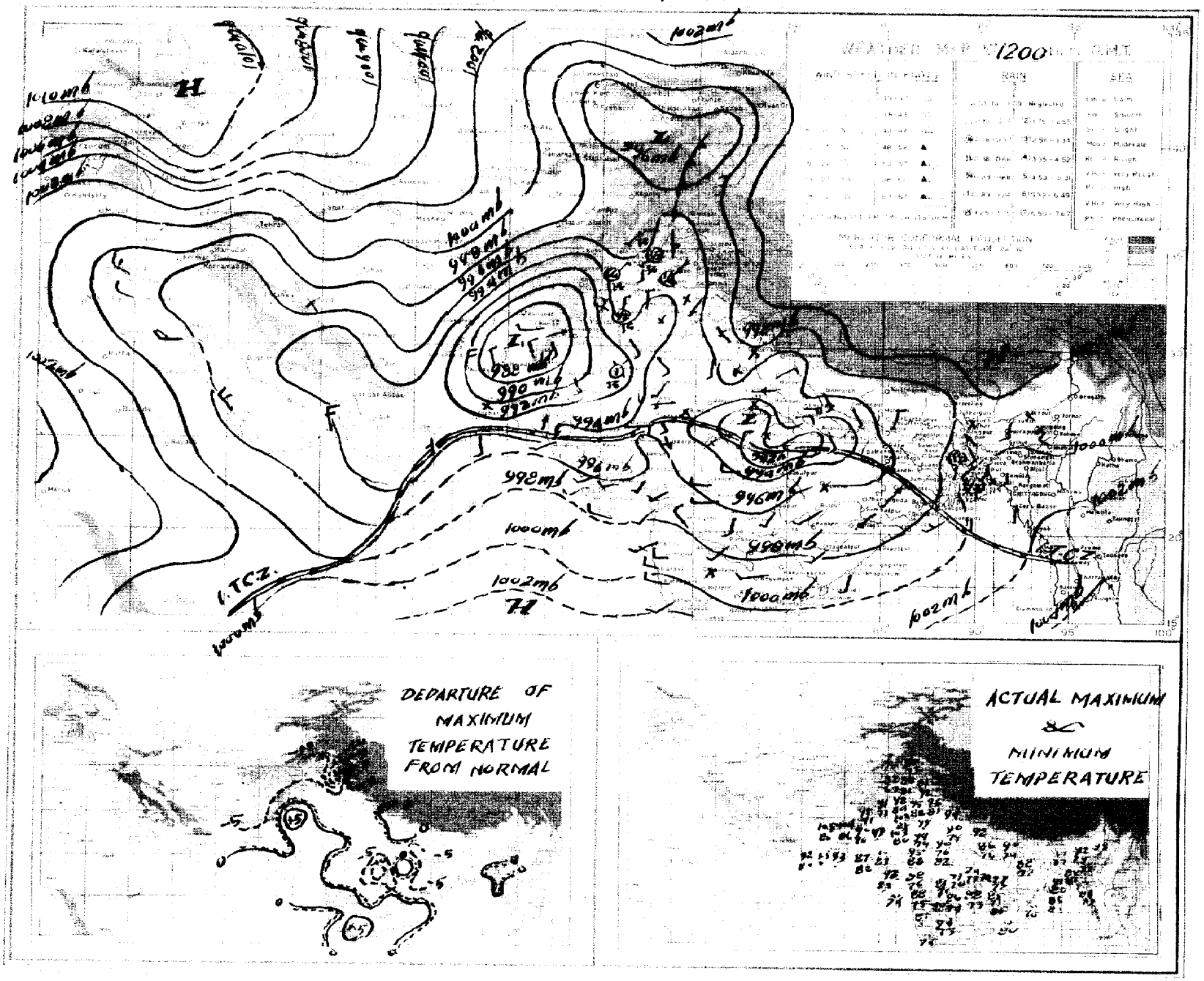
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

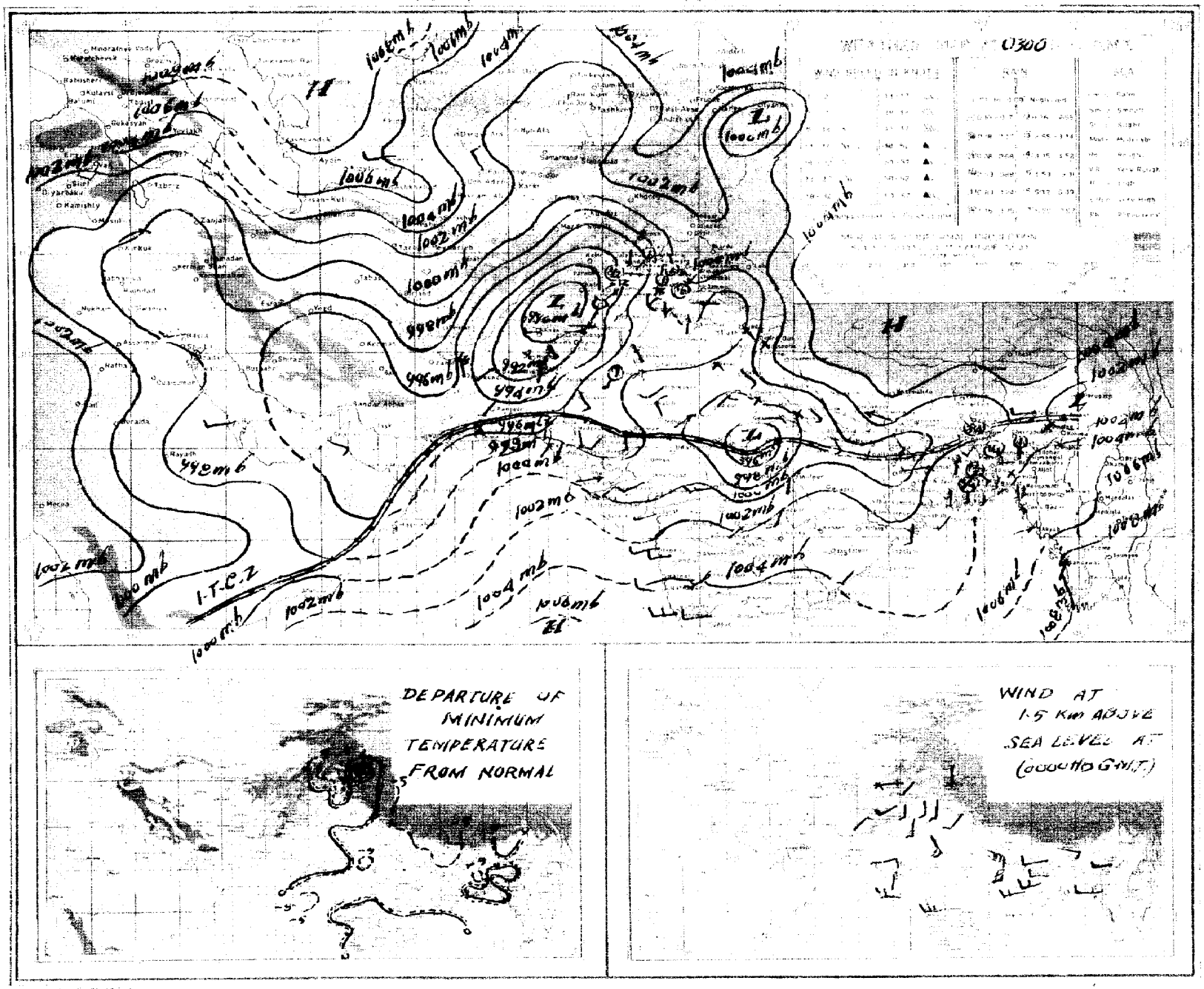
# PAKISTAN DAILY WEATHER MAP

WEDNESDAY 28th JULY, 1971



# PAKISTAN DAILY WEATHER MAP

THURSDAY 29th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1–4 Rs. 5/- per month

Reg. No. S-1467
Volume No. 25

# PAKISTAN DAILY WEATHER REPORT

**FRIDAY THE 30th JULY, 1971.**

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

Observations completely lacking but believe yesterday's well marked low has moved northwestwards and now lies over southeast Rajasthan and adjoining areas.

Yesterday's secondary western disturbance is now bordering Malakand, Peshawar and D. I. Knan divisions.

Rain/thundershowers have been fairly widespread in East Pakistan.

Widespread rain/thundershowers have occured in Rawalpindi division fairly widespread in Lahore. Malakand and Hyderabad divisions and local in Peshawar and Karachi divisions and scattered in Khairpur division scattered thunderstorms have also been reported from Bahawalpur, D. I. Khan and Quetta divisions and light rain from Sargodha and Kalat divisions.

Chief amounts of rainfall are Satkhira 5", Barisal (upto 0000 GMT), Hatiya and Haripur (upto 1200 GMT) 3" each, Cox's Bazar, Maijdee Court, Bogra and Chakdara 1½" each, Comilla, Jhelum, Rawalpindi and Chhor 1" each, Sandwip, Sylhet, Srimangal, Mymensingh (upto 0000 GMT) Khulna, Rajshahi, Rangpur, Lahore, Murree, Campbellpur, Cherat and Karachi Airport ½" each and Kakul and Badin ¼" each.

Day temperatures were 3–6 °F (2–3 °C) above normal in Chittagong, Dacca, Khulna and Karachi divisions and were 12—20 °F (7—11 °C) below normal in Lahore, Rawalpindi, Sargodha and Peshawar divisions and 3—8 °F (2—4 °C) so in D. I. Khan, Quetta and Khairpur divisions.

**Forecast valid until the evening of the 31st July. 1971** :—Rain/thundershowers will be fairly widespread in East Pakistan, local in Lahore, Rawalpindi, Malakand, Sargodha, Peshawar and Multan divisions and in Kashmir with a few moderate to heavy falls and scattered in Bahawalpur. Khairpur and Quetta divisions. Rain/drizzle may also fall at a few places in Karachi, Hyderabad and Kalat divisions.

Karachi-32
The 30th July, 1971.

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

ARSHAD NOOR KHAN
*for* Director Meteorological Services.

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

| Divisions (1) | Stations (2) | Rainfall in Cents RRR (3) | Past weather commenced at † Wt (4) | Total cloud amount N (5) | Wind direction in tens of degrees dd (6) | Winds speed in Knots ff (7) | Horizontal visibility † VV (8) | Present weather † ww (9) | Past weather † W (10) | Sea level pressure (mbs. and tenths)° PPP (11) | Dry Bulb temperature °F TT (12) | Amount of Lowest Cloud † Nh (13) | Low Cloud from † CL (14) | Height of Lowest Cloud † h (15) | Medium Cloud form † CM (16) | High Cloud form † CH (17) | Dewpoint temperature °F TdTd (18) | Maximum temperature °F TxTx (19) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chittagong | Rangamati ... | 000 | 0 | 5 | 18 | 09 | 98 | 03 | 2 | 043 | 93 | 3 | 4 | 6 | 7 | 0 | 76 | 85 |
| | Cox's Bazar ... | 000 | 0 | 7 | 13 | 12 | 96 | 02 | 2 | 003 | 83 | 5 | 4 | 4 | 2 | 0 | 77 | 86 |
| | Chittagong ... | 000 | 0 | 7 | 18 | 05 | 96 | 02 | 2 | 029 | 83 | 5 | 4 | 4 | 3 | 2 | 75 | 88 |
| | Maijdee Court ... | 080 | 3 | 6 | 00 | 00 | 96 | 01 | 6 | 014 | 83 | 4 | 2 | 4 | / | / | 81 | 94 |
| | Comilla ... | 000 | 0 | 4 | 13 | 05 | 96 | 02 | 1 | 009 | 82 | 4 | 4 | 7 | 0 | 0 | 79 | 93 |
| | Brahmanbaria ... | | | | | | | | | | | | | | | | | |
| | Sylhet ... | 069 | 1 | 6 | 13 | 02 | 96 | 02 | 6 | 017 | 83 | 5 | 5 | 4 | 2 | / | 61 | 83 |
| | Srimangal ... | 035 | 9 | 8 | 00 | 00 | 93 | 01 | 6 | 021 | // | 4 | 5 | 3 | 3 | 1 | 77 | 88 |
| Dacca | Mymensingh ... | 010 | 4 | 5 | 18 | 02 | 97 | 02 | 6 | 016 | 88 | 5 | 5 | 4 | 0 | 0 | 79 | 94 |
| | Narayanganj ... | 000 | 0 | 5 | 18 | 02 | 95 | 02 | 2 | 010 | 88 | 3 | 6 | 6 | 3 | 1 | 74 | 88 |
| | Dacca (Tjegaon) ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Faridpur ... | 011 | 3 | 7 | 16 | 05 | 96 | 02 | 6 | 019 | 88 | 5 | 4 | 5 | 1 | 0 | 79 | 90 |
| Khulna | Barisal ... | 035 | 3 | 7 | 00 | 00 | 96 | 02 | 9 | 015 | 81 | 3 | 4 | 4 | 1 | 8 | 81 | 90 |
| | Khulna ... | 000 | 0 | 3 | 00 | 00 | 97 | 02 | 0 | 015 | 89 | 2 | 1 | 4 | 0 | 0 | 81 | 92 |
| | Satkhira ... | 000 | 0 | 8 | 00 | 03 | 97 | 03 | 9 | 011 | 87 | 8 | 7 | 9 | 9 | 9 | 81 | 93 |
| | Jessore ... | 000 | 4 | / | 13 | 03 | 96 | 23 | 9 | 008 | 83 | 4 | 6 | 3 | 2 | 0 | 77 | 90 |
| Rajshahi | Pabna ... | 039 | 4 | 5 | 13 | 05 | 97 | 01 | 9 | /// | 81 | 5 | 3 | 6 | 0 | 0 | 77 | 90 |
| | Sirajganj ... | | | | | | | | | | | | | | | | | |
| | Rajshahi ... | 000 | 0 | 8 | 13 | 02 | 96 | 02 | 0 | 998 | 88 | 3 | 2 | 5 | 3 | 0 | 79 | 90 |
| | Bogra ... | 031 | 7 | 7 | 13 | 02 | 96 | 02 | 6 | 001 | 83 | 2 | 1 | 5 | 3 | 0 | 73 | 8 |
| | Dinajpur ... | | | | | | | | | | | | | | | | | |
| | Rangpur ... | 042 | 8 | 4 | 05 | 02 | 96 | 01 | 6 | 967 | 83 | 2 | 5 | 6 | 2 | 0 | 79 | 90 |
| Kashmir | Jammu ... | | | | | | | | | | | | | | | | | |
| Lahore | Lahore (Jail Rd.) ... | 055 | 5 | 8 | 00 | 00 | 96 | 60 | 6 | 933 | 77 | 4 | 6 | 6 | 2 | | 75 | 91 |
| | Sialkot ... | 005 | 5 | 2 | 09 | 02 | 97 | 02 | 0 | 006 | 77 | 4 | 7 | 0 | 3 | 2 | 76 | 80 |
| Rawalpindi | Jhelum ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | Islamabad ... | | | | | | | | | | | | | | | | | |
| | Rawalpindi ... | 100 | 9 | 8 | 05 | 03 | 97 | 61 | 9 | 002 | 74 | 4 | 5 | 4 | 2 | / | 73 | 75 |
| | Campbellpur ... | 000 | 0 | 0 | 05 | 00 | 98 | 00 | 0 | /// | 73 | 0 | 0 | 9 | 0 | 0 | 73 | 66 |
| Sargodha | Khushab ... | 000 | 0 | 8 | 36 | 21 | 97 | 03 | 2 | 973 | 97 | 6 | 2 | 9 | 2 | 0 | 77 | 93 |
| | Sargodha ... | 001 | 0 | 7 | 01 | 10 | 96 | 02 | 6 | 973 | 80 | 4 | 5 | 4 | 2 | / | 78 | 89 |
| | Lyallpur ... | 008 | 3 | 6 | 36 | 02 | 90 | 62 | 5 | 956 | 88 | 0 | 4 | 7 | 0 | 0 | 72 | 90 |
| Multan | Sahiwal ... | | | | | | | | | | | | | | | | | |
| | Multan ... | 000 | 0 | 6 | 13 | 10 | 96 | 07 | 2 | 952 | 95 | / | 5 | 6 | 3 | 0 | 76 | 03 |
| | Leiah ... | 003 | 0 | 0 | 36 | 06 | 95 | 03 | 0 | 92 | // | 0 | 0 | 9 | 0 | 0 | 75 | 93 |
| Bahawalpur | Khanpur ... | 090 | 5 | 7 | 23 | 02 | 96 | 03 | 9 | 943 | 96 | 2 | 5 | 9 | 7 | 0 | 76 | 99 |
| | Bahawalpur ... | 000 | 0 | / | 00 | 00 | 95 | 00 | 0 | 959 | 98 | 0 | 0 | 9 | 0 | 0 | 70 | 0/ |
| | Fort Abbas ... | /// | / | / | 03 | 02 | 98 | 03 | 0 | 955 | 98 | 0 | 0 | 9 | 0 | 0 | 79 | 99 |
| Malakand | Chakdara ... | 045 | 8 | 8 | 27 | 05 | 96 | 0 | 9 | 366 | 77 | 8 | 5 | 6 | / | / | 74 | 78 |
| Peshawar | Peshawar ... | 000 | 0 | 7 | 36 | 03 | 97 | 17 | 2 | 979 | 80 | 5 | 3 | 6 | 2 | 0 | 74 | 89 |
| | Haripur ... | 334 | 3 | 8 | 05 | 03 | 97 | 52 | 6 | 007 | 74 | 8 | 7 | 6 | 0 | 0 | 73 | 76 |
| D. I. Khan | Bannu ... | 030 | 0 | 5 | 00 | 00 | 98 | 02 | 0 | 939 | 76 | 0 | 0 | 9 | 0 | 0 | 83 | 01 |
| | D. I. Khan ... | 000 | 0 | 8 | 03 | 04 | 96 | 0 | 0 | 954 | 54 | 0 | 0 | 9 | 0 | 0 | 82 | 04 |
| Quetta | Sibi ... | | | | | | | | | | | | | | | | | |
| | Nokkundi ... | 003 | 0 | 0 | 31 | 12 | 95 | 05 | 4 | 931 | 04 | 0 | 0 | 9 | 0 | 0 | 50 | 06 |
| Kalat | Turbat ... | 000 | 0 | 0 | 11 | 04 | 98 | 00 | 0 | 007 | 03 | 0 | 0 | 9 | 0 | 0 | 80 | // |
| | Jiwani ... | 000 | 0 | 4 | 18 | 12 | 96 | 02 | 1 | 963 | 86 | 4 | 6 | 5 | 0 | 0 | 77 | 88 |
| | Pasni ... | 000 | 0 | 0 | 27 | 02 | 97 | 00 | 0 | /// | 76 | 0 | 0 | 3 | 0 | 0 | 69 | // |
| | Ormara ... | 000 | 0 | 4 | 31 | // | 96 | 04 | 4 | 959 | 89 | 1 | 6 | 3 | 0 | / | 81 | 91 |
| | Lasbela ... | 000 | 0 | 6 | 00 | 03 | 98 | 03 | 0 | 955 | 00 | 0 | 0 | 8 | 0 | 0 | 81 | 01 |
| Karachi division | Karachi (Manora) ... | 000 | 0 | 6 | 23 | 07 | 96 | 03 | 2 | 966 | 88 | 6 | 5 | 5 | 0 | 0 | 77 | 91 |
| | Karachi (Airport) ... | 000 | 0 | 7 | 23 | 16 | 96 | 03 | 2 | 967 | 89 | 3 | 6 | 5 | 3 | 0 | 79 | 95 |
| Hyderabad | Nagarparker ... | | | | | | | | | | | | | | | | | |
| | Chhor ... | 000 | 0 | 3 | 23 | 07 | 96 | 02 | 1 | 943 | 97 | 3 | 0 | 9 | 1 | 0 | 75 | 98 |
| | Hyderabad ... | 000 | 0 | 7 | 23 | 03 | 95 | 49 | 7 | /// | 93 | 7 | 4 | 9 | 6 | 7 | 69 | 99 |
| | Badin ... | 000 | 0 | 4 | 23 | 03 | 97 | 01 | 1 | 966 | 95 | 2 | 2 | 9 | 6 | 0 | 73 | 95 |
| Khairpur | Padidan ... | 000 | 0 | 2 | 18 | 05 | 96 | 03 | 1 | 939 | 03 | 1 | 1 | 7 | 3 | 0 | 70 | 04 |
| | Nawabshah ... | 000 | 0 | 5 | 18 | 07 | 96 | 02 | 1 | 945 | 01 | 5 | 0 | 9 | 4 | / | 77 | 02 |
| | Sukkur ... | 000 | 0 | 7 | 16 | 05 | 96 | 03 | 0 | 939 | 77 | 7 | 0 | 9 | 9 | 0 | 78 | 05 |
| | Kashmore ... | 000 | 0 | 8 | 18 | 03 | 96 | 03 | 2 | 945 | 03 | 8 | 2 | 2 | 0 | 0 | 74 | 31 |
| | Jacobabad ... | 000 | 0 | 6 | 18 | 03 | 96 | 03 | 0 | 939 | 03 | 1 | 1 | 7 | 3 | 0 | 41 | 04 |
| Junagadh | Veraval ... | | | | | | | | | | | | | | | | | |
| | **HILL STATIONS** | | | | | | | | | | | | | | | | | |
| Kashmir | Srinagar * ... | | | | | | | | | | | | | | | | | |
| | Gulmarg ** ... | | | | | | | | | | | | | | | | | |
| | Sonamarg ** ... | | | | | | | | | | | | | | | | | |
| | Dras ** ... | | | | | | | | | | | | | | | | | |
| | Leh ** ... | | | | | | | | | | | | | | | | | |
| | Skardu * ... | | | | | | | | | | | | | | | | | |
| | Misgar ** ... | | | | | | | | | | | | | | | | | |
| | Aliabad * ... | | | | | | | | | | | | | | | | | |
| | Gilgit * ... | | | | | | | | | | | | | | | | | |
| Rawalpindi | Murree * ... | 043 | 2 | 9 | 11 | 05 | 90 | 49 | 6 | 423 | 62 | 9 | / | 0 | / | / | 26 | 63 |
| Malakand | Drosh * ... | 000 | 2 | 7 | 29 | 16 | 96 | 17 | 9 | 369 | 90 | 6 | 9 | 6 | 6 | 0 | 69 | 97 |
| Peshawar | Cherat * ... | 000 | 0 | 8 | 18 | 21 | 92 | 50 | 6 | 428 | 68 | 8 | 3 | 0 | 0 | 8 | 68 | 72 |
| | Kakul * ... | | | | | | | | | | | | | | | | | |
| | Landikotal * ... | 000 | 0 | 8 | 09 | 05 | 97 | 02 | 0 | 416 | 75 | 8 | 2 | / | 2 | 0 | 69 | 85 |
| | Parachinar * ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D.I. Khan | Miranshah * ... | | | | | | | | | | | | | | | | | |
| | Wana * ... | 000 | 0 | 8 | 13 | 06 | 97 | 03 | 0 | 391 | 79 | 8 | 3 | 7 | 0 | 0 | 75 | 92 |
| Quetta | Fort Sandeman * ... | 000 | 0 | 7 | 13 | 03 | 96 | 05 | 9 | 391 | 85 | 4 | 4 | 7 | 3 | 1 | 64 | 91 |
| | Hindubagh * ... | 000 | 0 | 8 | // | 19 | 95 | 03 | 0 | /// | 90 | 8 | 5 | 4 | 0 | 0 | 60 | 94 |
| | Loralai * ... | | | | | | | | | | | | | | | | | |
| | Barkhan * ... | | | | | | | | | | | | | | | | | |
| | Harnai * ... | 000 | 0 | 1 | 31 | 10 | 96 | 02 | 0 | 390 | 95 | 0 | 2 | 7 | 0 | 0 | 67 | 97 |
| | Samungli (Quetta) * ... | 000 | 0 | 7 | 31 | 05 | 97 | 03 | 0 | 379 | 59 | 8 | 0 | 9 | 7 | 0 | 68 | 95 |
| | Chaman * ... | 000 | 0 | 0 | 27 | 05 | 96 | 00 | 0 | 443 | 96 | 0 | 0 | 9 | 0 | 0 | 46 | 93 |
| | Nushki * ... | 000 | 0 | 0 | 31 | 05 | 94 | 06 | 6 | 425 | 03 | 0 | 0 | 9 | 0 | 0 | 48 | 04 |
| | Dalbandin * ... | 000 | 0 | 5 | 34 | 05 | 94 | 06 | 1 | 433 | 04 | 5 | 0 | 9 | 2 | 0 | 33 | 06 |
| Kalat | Kalat * ... | 000 | 0 | 8 | 13 | 00 | 92 | 90 | 2 | 371 | 85 | 0 | 2 | 9 | 0 | 0 | 49 | 90 |
| | Khuzdar * ... | 001 | 3 | 8 | 13 | 07 | 96 | 03 | 5 | 385 | 77 | 7 | 8 | 6 | 1 | 0 | 68 | 93 |
| | Panjgur * ... | 000 | 0 | 5 | 31 | 05 | 95 | 05 | 2 | 308 | 90 | 5 | 5 | 6 | 0 | 0 | // | 03 |

**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 degree 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 TnTn (36) | Departure from Normal of Maximum temperature TxTx (37) | Departure from Normal of Minimum temperature TnTn (38) | Rainfall Since 1st June, 1971 to-date (39) | Rainfall Departure from normal (40) | Rainfall Since 1st January, 1971 to-date (41) | Annual Normal (42) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rangamati | 000 | 0 | 7 | 18 | 03 | 98 | 02 | 2 | 087 | 77 | 5 | 7 | 5 | 7 | 0 | 74 | 77 | — | — | — | — | — | — |
| Cox's Bazar | 145 | 0 | 7 | 14 | 10 | 97 | 02 | 2 | 071 | 79 | 5 | 5 | 4 | 3 | / | 74 | 77 | 0 | 0 | 89.4 | +23.8 | — | 140 |
| Chittagong | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | +2 | — | 5.4 | +6.6 | — | 108 |
| Maijdee Court | 131 | 3 | 8 | 18 | 02 | 96 | 61 | 6 | 066 | 79 | 5 | 4 | 4 | 2 | / | 79 | 75 | −2 | −2 | 34.8 | −8.3 | — | 115 |
| Comilla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | ... | .. | +3 | — | 23.9 | −10.1 | — | 94 |
| Brahmanbaria | 062 | 9 | 6 | 03 | 00 | 96 | 61 | 6 | 053 | 74 | 6 | 7 | 3 | 2 | / | 74 | // | — | — | — | — | — | 78 |
| Sylhet | 041 | 9 | 7 | 03 | 00 | 96 | 2 | 6 | 063 | 8 | 3 | 5 | 5 | 4 | 2 | 77 | 77 | — | — | 44.6 | — | — | — |
| Srimangal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | −2 | +1 | — | — | — | 98 |
| Mymensingh | 00. | 0 | 8 | 23 | 2 | 97 | 03 | 5 | 058 | 83 | 8 | 6 | 3 | / | / | 79 | 81 | +7 | — | 32.9 | +0.2 | — | 91 |
| Narayanganj | 009 | 2 | 8 | 18 | 05 | 96 | 21 | 6 | 053 | 81 | 6 | 7 | 3 | 2 | | 81 | 79 | 0 | +2 | 3.2 | −21.8 | — | 74 |
| Dacca (Tjegaon) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 21.8 | — | — | — |
| Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | +3 | — | — | — | — | 71 |
| Barisal | 102 | 9 | 8 | 18 | 05 | 6 | 51 | 6 | 063 | 83 | 6 | 3 | 3 | 2 | / | 81 | 77 | +3 | −1 | 26.4 | −5.5 | — | 81 |
| Khulna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | — | — | 2.6 | −23.9 | — | 68 |
| Satkhira | 475 | 0 | 4 | 18 | 04 | 97 | 03 | 2 | 060 | 83 | 4 | 3 | 9 | 0 | 0 | 61 | 75 | — | — | 20.6 | −4.9 | — | 65 |
| Jessore | 000 | 0 | 7 | 13 | 05 | 96 | 02 | 2 | 054 | 83 | 4 | 6 | 4 | 2 | 0 | 81 | 79 | +1 | 0 | 7.9 | −16.2 | — | 65 |
| Pabna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 59 |
| Sirajganj | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| Rajshahi | 033 | 8 | 8 | 23 | 02 | 96 | 02 | 6 | 041 | 83 | 3 | 5 | 3 | 3 | 0 | 81 | 90 | — | — | — | — | — | — |
| Bogra | 165 | 8 | 3 | 13 | 02 | 96 | 02 | 2 | 093 | 81 | 5 | 6 | 4 | 3 | 0 | 77 | 74 | −1 | −5 | 8.4 | −17.0 | — | 69 |
| Dinajpur | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| Rangpur | 056 | 8 | 7 | 00 | 00 | 96 | 03 | 2 | 006 | 81 | 7 | 0 | 9 | 2 | 0 | 79 | 77 | 0 | −1 | — | — | — | 84 |
| Jammu | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore (Jail Rd.) | 051 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 017 | 81 | 2 | 5 | 6 | 7 | 0 | 77 | 77 | −18 | −3 | 7.0 | −0.1 | 10.1 | 19 |
| Sialkot | 037 | 0 | 8 | 00 | 00 | 98 | 02 | 2 | 027 | 79 | 3 | 5 | 6 | 2 | | 76 | 75 | −16 | −3 | 12.3 | +1.6 | 18.4 | 32 |
| Jhelum | 106 | 3 | 7 | 05 | 02 | 97 | 02 | 2 | 023 | 77 | 3 | | 6 | 1 | 0 | 75 | 74 | — | — | 7.5 | — | 12.0 | — |
| Islamabad | | | | | | | | | | | | | | | | | | — | — | — | — | — | |
| Rawalpindi | 113 | 4 | 8 | 05 | 02 | 96 | 61 | 6 | 031 | 75 | 6 | 5 | 4 | 2 | 1 | 73 | 77 | −21 | 0 | 21.9 | +11.8 | 22.2 | 36 |
| Campbellpur | 064 | 8 | 8 | 09 | 00 | 97 | 00 | 0 | /// | 73 | | / | / | / | / | 73 | 73 | — | — | — | — | — | — |
| Khushab | 001 | 0 | 8 | 09 | 03 | 97 | 53 | 2 | 017 | 83 | 7 | 2 | 9 | 1 | 4 | 77 | // | −12 | // | 5.0 | −0.2 | 7.6 | 15 |
| Sargodha | 003 | 1 | 7 | 05 | 02 | 97 | 09 | 0 | 015 | 81 | 7 | 6 | 4 | 0 | 0 | 74 | 74 | — | — | 3.2 | — | 7.2 | — |
| Lyallpur | 003 | 9 | 0 | 00 | 00 | 97 | 00 | 5 | 007 | 83 | 0 | 0 | 9 | 0 | 0 | 74 | 78 | −11 | −4 | 6.3 | +2.4 | 9.6 | 12 |
| Sahiwal | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | | 1.8 | −0.6 | 2.4 | 7 |
| Leiah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | 8 |
| Khanpur | 003 | 0 | 7 | 23 | 03 | 96 | 03 | 2 | 999 | 85 | 3 | 5 | 5 | 7 | 0 | 78 | 84 | — | — | 1.1 | −1.5 | 1.5 | 6 |
| Bahawalpur | 000 | 0 | 1 | 00 | 00 | 94 | 05 | 0 | 013 | 85 | 0 | 0 | 9 | 0 | 0 | 76 | 83 | — | — | 0.0 | −2.6 | 0.3 | 6 |
| Fort Abbas | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | | — | 8 |
| Chakdara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 3.3 | — | 6.2 | — |
| Peshawar | 002 | 3 | 8 | 00 | 00 | 95 | 51 | 5 | 011 | 77 | 8 | 7 | 4 | 2 | // | 79 | 77 | −12 | −3 | 2.3 | +0.8 | 10.8 | 11 |
| Haripur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 12.4 | — | 20.3 | — |
| Bannu | 000 | 0 | 0 | 00 | 00 | 98 | 02 | 1 | 006 | 87 | 0 | 0 | 9 | 9 | / | 79 | 83 | — | — | 0.7 | — | 3.0 | 11 |
| D. I. Khan | 000 | 0 | 8 | 02 | 05 | 96 | 02 | 0 | 925 | 82 | 4 | 2 | 9 | 4 | 0 | 79 | 81 | +2 | −1 | 0.5 | −2.3 | 3.3 | 9 |
| Sibi | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| Nokkundi | 003 | 0 | 5 | 36 | 14 | 95 | 03 | 4 | 954 | 68 | 2 | 5 | 6 | 7 | 0 | // | 66 | — | — | 0.0 | — | 0.0 | 2 |
| Turbat | 003 | 0 | 0 | 23 | 02 | 98 | 00 | 0 | 017 | 86 | 0 | 0 | 9 | 0 | 0 | 76 | 80 | — | — | 0.0 | — | 0.0 | — |
| Jiwani | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 1.5 | 5 |
| Pasni | 003 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 67 | // | // | // | 0.0 | −0.7 | 0.0 | 6 |
| Ormara | 000 | 0 | 6 | 00 | 00 | 96 | 06 | 6 | 995 | 83 | 2 | 6 | 6 | 3 | 0 | 79 | // | — | — | 0.8 | +0.1 | 0.8 | 6 |
| Lasbela | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 8 |
| Karachi (Manora) | 002 | 2 | 8 | 00 | 00 | 96 | 50 | 5 | 017 | 83 | 8 | 9 | 4 | / | / | 79 | 82 | +4 | +2 | — | — | — | 8 |
| Karachi (Airport) | 044 | 4 | 8 | 13 | 02 | 96 | 63 | 9 | 030 | 79 | 3 | 5 | 5 | 2 | 1 | 79 | 79 | — | — | 0.0 | — | 0.7 | — |
| Nagarparker | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| Chhor | 091 | 9 | 8 | 23 | 07 | 96 | 51 | 6 | 996 | 79 | 5 | 5 | 2 | 1 | / | 77 | 79 | — | — | 2.8 | — | 3.5 | 7 |
| Hyderabad | 017 | 7 | 8 | 25 | 05 | 97 | 02 | 6 | 003 | 81 | 2 | 6 | 5 | 3 | 0 | 80 | 80 | +2 | 0 | 0.9 | −2.4 | 0.9 | 9 |
| Badin | 027 | 0 | 8 | 23 | 02 | 96 | 51 | 5 | 035 | 81 | 8 | 0 | 9 | / | / | 78 | 79 | — | — | 0.4 | −3.1 | 0.4 | — |
| Padidan | 002 | 7 | / | 23 | 03 | 96 | 02 | 5 | 995 | 81 | 0 | 0 | 9 | 2 | 0 | 77 | 81 | — | — | 0.0 | — | 0.0 | — |
| Nawabshah | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| Sukkur | 003 | 0 | 7 | 23 | 10 | 96 | 03 | 0 | 992 | 87 | 7 | 0 | 9 | 9 | 0 | 76 | 84 | — | — | 1.4 | — | 1.4 | — |
| Kashmore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| Jacobabad | 000 | 2 | 6 | 13 | 03 | 97 | 01 | 9 | 996 | 87 | 6 | 0 | 9 | 7 | 0 | 79 | 86 | −3 | +2 | 2.5 | +1.3 | 2.6 | 20 |
| Veraval | | | | | | | | | | | | | | | | | | | | | | | 26 |
| **HILL STATIONS** | | | | | | | | | | | | | | | | | | | | | | | — |
| Srinagar * | | | | | | | | | | | | | | | | | | | | | | | 71 |
| Gulmarg ** | | | | | | | | | | | | | | | | | | | | | | | 26 |
| Sonamarg ** | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Dras ** | | | | | | | | | | | | | | | | | | | | | | | 6 |
| Leh ** | | | | | | | | | | | | | | | | | | | | | | | — |
| Skardu * | | | | | | | | | | | | | | | | | | | | | | | — |
| Misgar ** | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Aliabad * | | | | | | | | | | | | | | | | | | | | | | | 59 |
| Gilgit * | | | | | | | | | | | | | | | | | | | | | | | 18 |
| Murree * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | −13 | — | 25.0 | +9.1 | 33.5 | 29 |
| Drosh * | 000 | 0 | 4 | 00 | 00 | 98 | 01 | 2 | 427 | 80 | 2 | 1 | 6 | 4 | 1 | 56 | 75 | 0 | +2 | 1.3 | — | 9.9 | — |
| Cherat * | 038 | 9 | 8 | 13 | 03 | 92 | 69 | 6 | 451 | 68 | 8 | 3 | 0 | 5 | 0 | 68 | 67 | −16 | −4 | 4.4 | −0.4 | 3.9 | — |
| Kakul * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 29 |
| Landikotal * | 000 | 0 | 8 | 36 | 02 | 97 | 20 | 5 | 444 | 71 | 8 | 6 | / | 0 | 0 | 69 | // | — | — | 5.3 | — | 14.9 | 13 |
| Parachinar * | 005 | 0 | 6 | 13 | 02 | 96 | 00 | 0 | 419 | 74 | 6 | 5 | 8 | 0 | 0 | 73 | 73 | | +7 | 4.8 | — | 12.4 | 11 |
| Miranshah * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 13 |
| Wana * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | | | 0.3 | — | 1.0 | — |
| Fort Sandeman * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | −8 | | 5.4 | +2.4 | 2.9 | 9 |
| Hindubagh * | 000 | 0 | 8 | 11 | 05 | 95 | 03 | 0 | /// | 74 | 0 | 7 | / | 8 | 0 | 52 | 66 | — | — | 0.4 | — | 2.1 | — |
| Loralai * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| Barkhan * | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| Harnai * | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 8 |
| Samungli (Quetta) * | 000 | 0 | 7 | 13 | 09 | 96 | 04 | 2 | 423 | 78 | 0 | 9 | 3 | 2 | / | 65 | 73 | +2 | +5 | 0.5 | −0.1 | 3.2 | — |
| Chaman * | 000 | 0 | 0 | 27 | 03 | 78 | 00 | 0 | 462 | 89 | 0 | 0 | 9 | 0 | 0 | 57 | 89 | −2 | +14 | 0.0 | −0.1 | 1.3 | — |
| Nushki * | 003 | 0 | 1 | 00 | 00 | 94 | 06 | 0 | 451 | 35 | 0 | 0 | 9 | 0 | 2 | 52 | 83 | — | — | 0.0 | — | 1.1 | 4 |
| Dalbandin * | 000 | 0 | 3 | 23 | 02 | 94 | 06 | 0 | 411 | 90 | 3 | 0 | 9 | / | / | // | 81 | −3 | +4 | 0.0 | −0.1 | 0.7 | 7 |
| Kalat * | 000 | 0 | 8 | 18 | 00 | 90 | 00 | 2 | 415 | 77 | 0 | 5 | 9 | / | / | 65 | 72 | −2 | +17 | 0.0 | −0.8 | 0.4 | — |
| Khuzdar * | 001 | 9 | 7 | 00 | 00 | 96 | 03 | / | 413 | 7/ | 4 | 5 | 6 | 2 | 0 | // | 75 | — | — | 0.7 | — | 0.2 | 5 |
| Panjgur * | 000 | 0 | 6 | 23 | 02 | 95 | 05 | 2 | 421 | 82 | 4 | 5 | 6 | 2 | 2 | 68 | 80 | 0 | +3 | 0.0 | — | 0.1 | — |

† Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 30th JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| SHIPS IN | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | YYGG$_{iw}$ N dd FF | VV $_{w\,w}$ W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_sa$ PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $OJ_sT_sT_dT_d$ | $1T_wT_wT_{wt}T_{wt}$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo) | 1000$_{mb}$ | 850$_{mb}$ | 700$_{mb}$ | 500$_{mb}$ | 400$_{mb}$ | 300$_{mb}$ | 200$_{mb}$ | 150$_{mb}$ | 100$_{mb}$ | 70$_{mb}$ | 50$_{mb}$ | 30$_{mb}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | hhh TTT$_s$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | 003 250 07 | 062 258 16 | 460 190 27 | 113 096 35 | 583 045 04 | 756 137 14 | 969 295 56 | 245 251 5 | 426 677 | ... | ... | ... | ... |
| Dacca ... | 00 00 | 004 272 02 | 041 268 00 | 400 166 17 | 069 078 07 | 579 055 09 | 751 139 27 | 964 237 45 | 242 505 | 424 655 | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 980 264 35 | 013 /// // | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels: PtP TTT$_a$ DD | | | | | | | Max. Wind Speed | TROPOPAUSE: First | Transition | Second | Transition |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | PmPmPmdmdmfmfmfm | PtPtPtTtTtTat | dtdtftftft | P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ | dt dt ft ft ft |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | 00 00 | 561 000 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 00 00 | 581 000 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| | At 1200 hrs. G.M.T. † of Previous day (ddfff) | | | | | | | | | At 0000 hrs. G.M.T. † of date (ddfff) | | | | | | At 0600 hrs. G.M.T. † of date (ddfff) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 055 08 | 115 15 | 150 19 | 020 17 | ... | ... | ... | ... | ... | /11 06 | 120 C4 | 130 07 | 13/ 07 | ... | ... | 070 09 | 15/ 12 | 125 15 | 145 12 | ... | ... | ... | ... | ... | ... |
| Chhor ... | 235 15 | 225 13 | 215 12 | 175 10 | 135 07 | 165 08 | 035 14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 140 12 | 175 12 | 240 11 | ... | 240 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chor e ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | 170 23 | 170 16 | 165 18 | 200 16 | 240 12 | 250 12 | ... | ... | ... | 140 06 | 135 12 | 150 17 | 185 17 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 130 15 | 140 17 | 145 20 | 155 21 | 155 2 | ... | ... | ... | ... | 170 13 | 201 5/ | 245 13 | ... | 280 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 275 03 | 350 05 | 345 09 | 015 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 090 10 | 095 21 | 090 23 | ... | ... | ... | ... | ... | ... | 080 08 | 095 07 | 170 05 | 155 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 220 04 | 200 03 | 125 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Fort Sandeman ... | ... | ... | ... | 257 21 | 210 17 | 195 15 | ... | ... | ... | ... | ... | ... | 060 11 | 090 05 | 202 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | ... | ... | ... | 110 10 | 115 12 | 005 10 | 090 03 | 165 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jahurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 205 06 | 205 07 | 220 06 | 205 06 | 170 02 | 010 02 | 035 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 055 02 | 090 17 | 090 21 | 110 14 | 125 13 | ... | ... | ... | ... | 110 05 | 105 13 | 105 21 | 115 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 150 14 | 150 09 | 155 05 | ... | ... | ... | ... | ... | ... | 120 16 | 115 14 | 115 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 220 19 | 220 18 | 210 07 | 330 03 | 035 06 | 025 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 06 | 045 05 | 040 5 | 020 05 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | No | As anr | ... | ... | ... | ... | ... | ... | ... | 255 17 | 255 21 | 28/ 15 | 065 11 | 350 06 | ... | 120 08 | 130 08 | 135 11 | 145 01 | 120 8/ | 145 08 | 110 06 | ... | ... | ... | ... |
| Multan ... | 140 12 | 140 09 | 145 10 | 170 08 | 215 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 055 04 | 040 05 | 040 09 | 025 07 | 340 07 | ... | ... | ... | ... | ... | ... |
| Nawab Shah ... | 190 12 | 200 08 | 221 0/ | 110 08 | 045 12 | 030 09 | 025 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Nokkundi ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 340 04 | 290 04 | 180 08 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 035 04 | 125 03 | ... | 165 09 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 035 07 | 285 07 | 200 21 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | /// // | 195 07 | 325 03 | 095 06 | ... | ... | ... | ... |
| Sargodha ... | 095 11 | 100 20 | 055 19 | 170 07 | 250 06 | ... | ... | ... | ... | 080 10 | 085 13 | 125 06 | 030 03 | 015 15 | ... | 120 04 | 105 04 | 115 06 | 090 04 | 125 03 | ... | ... | ... | ... | ... | ... |
| Skardu ... | ... | ... | ... | /// // | 220 90 | 255 07 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l.—> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION ↓ | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

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

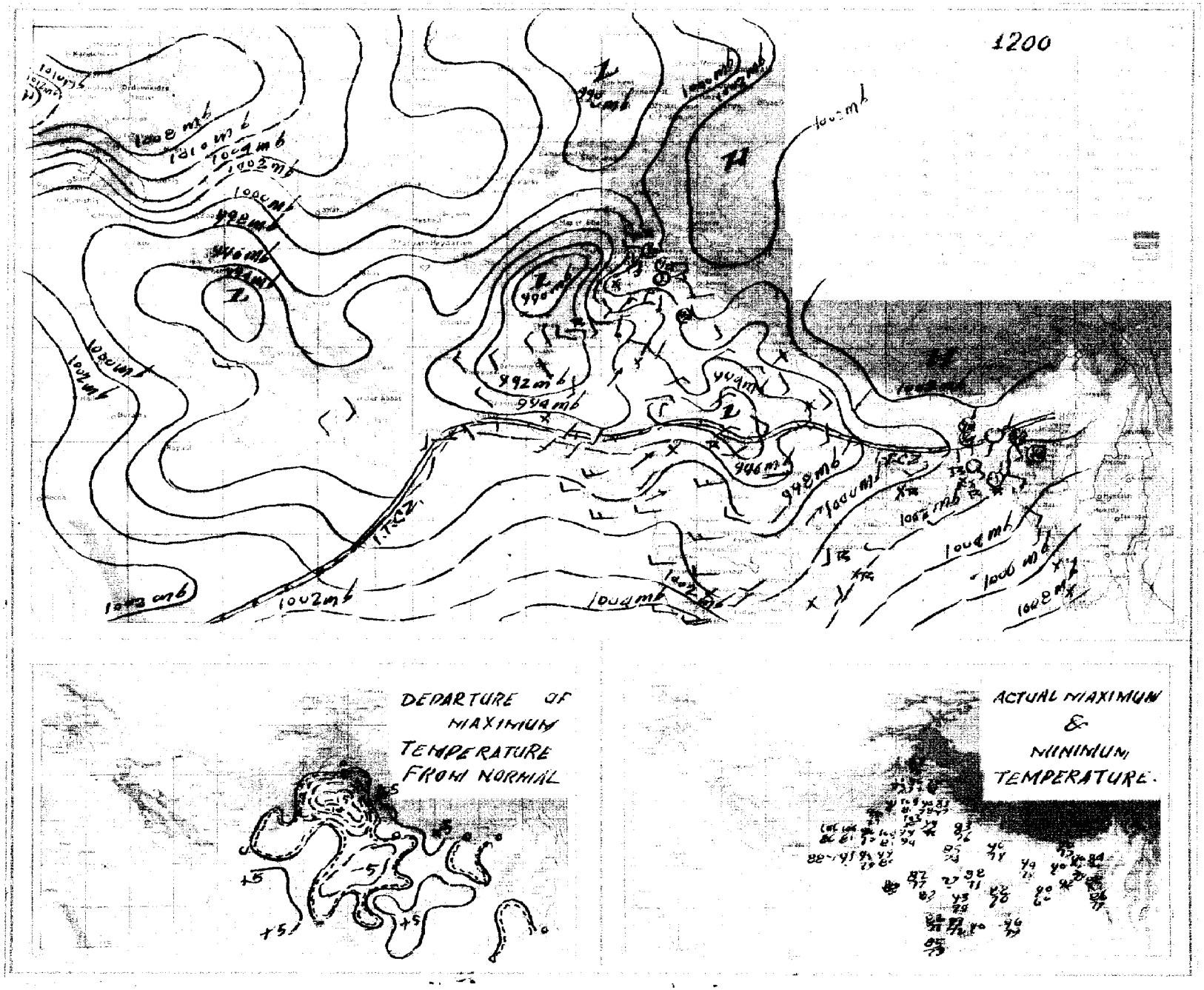
The actual time of observations may vary within ½ hr of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

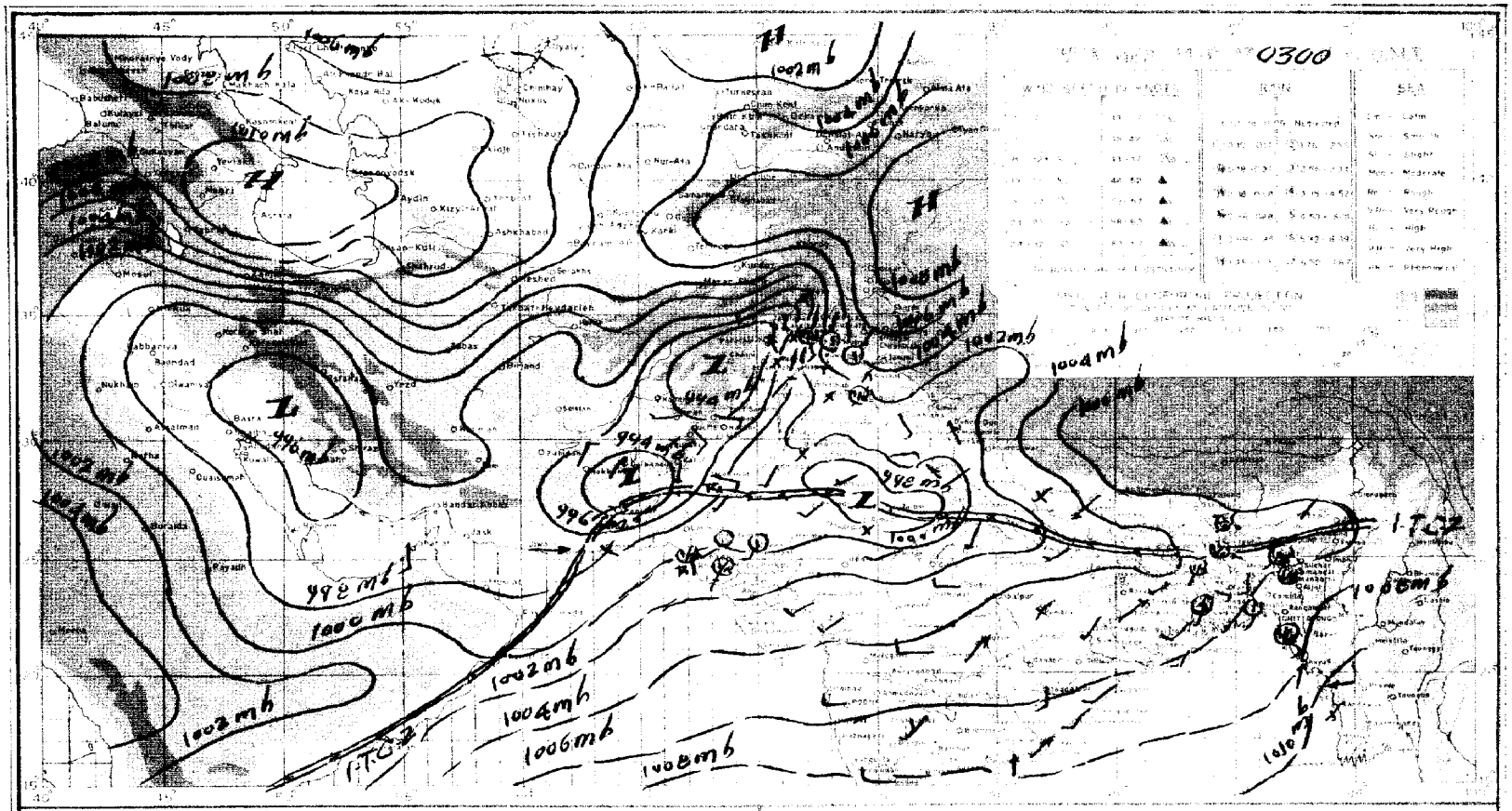
# PAKISTAN DAILY WEATHER MAP

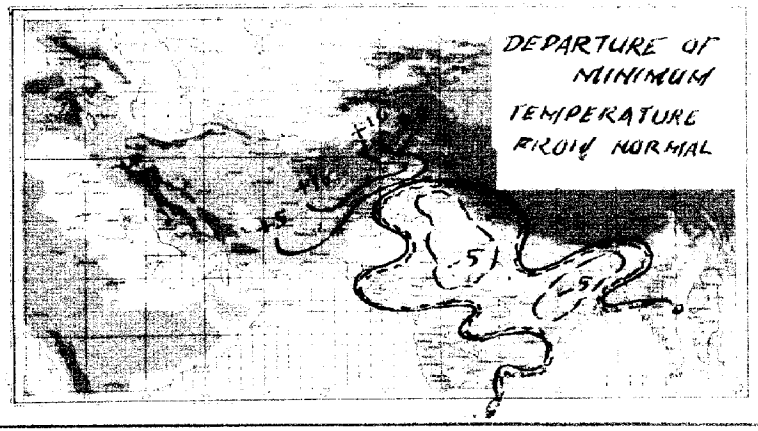
THURSDAY 29th JULY, 1971.

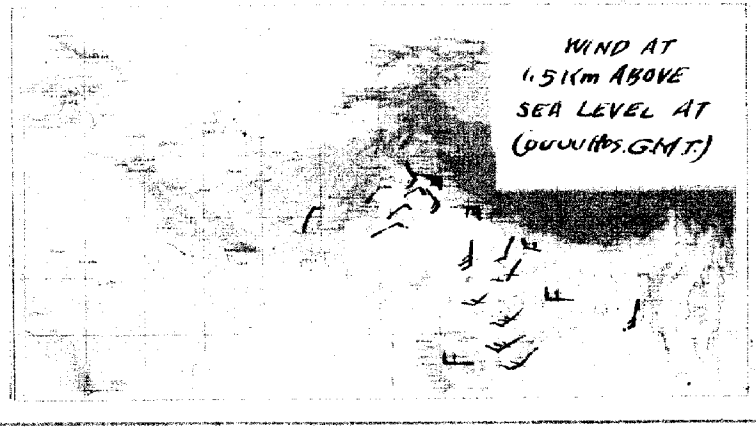


# PAKISTAN DAILY WEATHER MAP

FRIDAY 30th JULY, 1971.



Pages 1—2 Rs. 3/- per month
Pages 1- 4 Rs. 5/- per month

# PAKISTAN DAILY WEATHER REPOR

SATURDAY THE 31st JULY, 1971.

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

Yesterday's well marked low over southeast Rajasthan and adjoining areas has weakened and shifted northeast-wards. It now lies as a trough over Rajasthan and adjoining East Punjab.

Yesterday's secondary western disturbance has moved northeast-wards and now lies over northern parts of West Pakistan and adjoining Afghanistan.

Widespread rain/thundershowers have occured in East Pakistan.

Rain/thundershowers have been widespread in Rawalpindi, Peshawar and Karachi divisions, fairly widespread in Sargodha, Malakand, Hyderabad and Khairpur divisions and scattered in Bahawalpur, D. I. Khan and Kalat divisions.

Chief amounts of rainfall are Cox's Bazar 5", Chittagong 4", Maijdee Court and Jessore 3" each Sylhet, 1½", Comilla, Sandwip (upto 0000 Z), Chakdara and Karachi (Mauripur) 1" each, Bohala, Dacca, Rangpur, Karachi Airport, Hyderabad and Sukkur 3/4" each, Peshawar and Nawabshah ½" each and Srimangal, Narayangang, Khulna and Bogra ¼" each.

Day temperatures were 9—21 °F (5—12 °C) below normal in Rawalpindi, Sargodha, Peshawar and Hyderabad divisions and 3—8 °F (2—4 °C) so in East Pakistan and in Lahore, D. I. Khan, northern Quetta and Khairpur divisions.

**Forecast valid until the evening of the 1st August 1971** :—Rain/thundershowers will be fairly widespread over East Pakistan, local in Lahore, Rawalpindi and Malakand divisions and in Kashmir and scattered over Sargodha, Multan and Bahawalpur divisions. A few falls of rain/drizzle are also likely in Karachi and Khairpur divisions.

Karachi-32
The 31st July, 1971.

## OBSERVATIONS

M. SHAHABUDDIN
*for* Director Meteorological Services.

| DIVISIONS | STATIONS | At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR) | Past weather commenced at † (Ww) | Total cloud amount (N) | Wind direction in tens of degrees (dd) | Wind speed in Knots (ff) | Horizontal visibility † (VV) | Present weather † (ww) | Past weather † (W) | Sea level pressure (mbs and tenths) (PPP) | Dry Bulb temperature °F (TT) | Amount of Lowest Cloud † (Nh) | Low Cloud form † (GL) | Height of Lowest Cloud † (h) | Medium Cloud form † (CM) | High Cloud form † (CH) | Dewpoint temperature °F (TdTd) | Maximum temperature °F (TxTx) | At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR) | Past weather commenced at † (Ww) | Total Cloud amount (N) | Wind direction in tens of degree (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 (TnTn) | Departure from Normal of: Maximum temperature (TxTx) | Minimum temperature (TnTn) | Rainfall: Since 1st June, 1971 to-date | Departure from normal | Since 1st January, 1971 to-date | Annual Normal |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| Chittagong | Rangamati | 004 | 1 | 7 | 18 | 09 | 98 | 60 | 6 | 065 | 77 | 6 | 7 | 4 | 1 | / | 77 | 84 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cox's Bazar | 000 | 0 | 7 | 30 | 08 | // | 00 | 00 | 005 | 81 | 4 | 4 | 4 | 5 | 0 | 74 | 83 | 496 | 9 | 8 | 27 | 07 | 76 | 60 | 6 | 083 | 77 | 5 | 3 | 4 | 2 | 0 | 76 | 83 | — 2 | + 7 | 94.1 | +28.2 | — | 140 |
| | Chittagong | 000 | 0 | 6 | 18 | 14 | 96 | 02 | 2 | 057 | 83 | 3 | 5 | 4 | 3 | 0 | 74 | 86 | 393 | 9 | 8 | 18 | 10 | 95 | 60 | 6 | 073 | 77 | 7 | 9 | 2 | 2 | / | 77 | 75 | — 0 | — 2 | 54.4 | + 9.8 | — | 108 |
| | Maijdee Court | 000 | 9 | 7 | 18 | 02 | 96 | 03 | 2 | 033 | 83 | 4 | 5 | 2 | / | / | 79 | 83 | 250 | 9 | 2 | 30 | 02 | 96 | 03 | 6 | 062 | // | 5 | 5 | 4 | 2 | / | 76 | 77 | — 3 | 0 | 37.3 | + 6.8 | — | 115 |
| | Comilla | 000 | 0 | 4 | 19 | 05 | 96 | 02 | 1 | 042 | 79 | 4 | 4 | 7 | 0 | 0 | 79 | 88 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | + 1 | — | 23.9 | —10.8 | — | 94 |
| | Brahmanbaria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | | | — | 78 |
| | Sylhet | 003 | 9 | 8 | 00 | 00 | 96 | 02 | 6 | 036 | 79 | 6 | 7 | 4 | 2 | / | 74 | 83 | 155 | 9 | 6 | 13 | 05 | 96 | 60 | 6 | 050 | 77 | . | 4 | 4 | 2 | / | 76 | 74 | — | — | 46.2 | — | — | — |
| | Srimangal | 007 | 9 | 8 | 09 | 10 | 96 | 03 | 6 | 031 | 79 | 5 | 6 | 4 | 4 | / | 77 | 84 | 029 | 9 | 8 | 18 | 09 | 96 | 02 | 6 | 059 | 79 | 4 | 7 | 3 | 6 | 1 | 76 | 76 | — 6 | 0 | 0.7 | —25.2 | — | 98 |
| Dacca | Mymensingh | 006 | / | 6 | 23 | 02 | 97 | 02 | 2 | 036 | 83 | 6 | 5 | 4 | 0 | 0 | 77 | 91 | 020 | 2 | 8 | 23 | 02 | 97 | 02 | 6 | 058 | 81 | 8 | 7 | 4 | 0 | 0 | 77 | 76 | — 4 | — 2 | 32.9 | + 0.1 | — | 91 |
| | Narayanganj | 000 | / | 7 | 23 | 02 | 95 | 02 | 2 | 041 | 83 | 7 | 4 | 3 | 2 | 1 | 81 | 84 | 030 | 1 | 8 | 23 | 02 | 97 | 03 | 6 | 057 | 84 | 8 | 7 | 3 | / | / | 76 | 77 | — 4 | — 2 | 3.5 | —30.2 | — | 74 |
| | Dacca (Tejgaon) | 007 | 7 | 7 | 18 | 09 | 97 | 02 | 6 | 030 | 81 | 7 | 8 | 4 | 7 | 0 | 74 | // | 007 | 1 | 8 | 23 | 02 | 96 | 60 | 6 | 057 | 79 | 6 | 8 | 4 | 7 | / | 79 | 76 | — | — | 22.5 | -- | — | — |
| | Faridpur | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 060 | 0 | 8 | 20 | 00 | 97 | 02 | 2 | 052 | 83 | 5 | 4 | 5 | 1 | 0 | 76 | 76 | | — 3 | — | — | — | 71 |
| Khulna | Barisal | | | | | | | | | | | | | | | | | | 014 | 9 | 8 | 18 | 07 | 96 | 03 | 6 | 063 | 79 | 6 | 6 | 3 | 2 | / | 77 | 77 | | — 1 | 26.5 | — 5.9 | — | 81 |
| | Khulna | 070 | 9 | 3 | 16 | 05 | 96 | 02 | 2 | 064 | 73 | 6 | 8 | 4 | 2 | 0 | 77 | 76 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 2.9 | —24.1 | — | 68 |
| | Satkhira | 008 | 0 | 6 | 18 | 04 | 96 | 03 | 3 | 048 | 81 | 6 | 3 | 9 | 0 | 0 | 81 | 76 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 10.7 | — 5.0 | — | 65 |
| | Jessore | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 286 | 9 | 7 | 18 | 05 | 96 | 02 | 9 | 054 | 79 | 4 | 6 | 3 | 2 | 0 | 77 | 74 | — | — 5 | 10.8 | —13.7 | — | 65 |
| Rajshahi | Pabna | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 59 |
| | Sirajganj | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 64 |
| | Rajshahi | | | | | | | | | | | | | | | | | | 008 | 7 | 8 | 18 | 02 | 96 | 02 | 0 | 041 | 81 | 2 | 4 | 4 | 3 | 0 | 79 | 81 | — | — | — | — | — | — |
| | Bogra | 022 | 1 | 8 | 18 | 03 | 96 | 60 | 6 | 017 | 79 | 5 | 6 | 4 | 1 | 0 | 77 | 83 | 034 | 5 | 8 | 13 | 02 | 96 | 02 | 5 | 042 | 81 | 7 | 4 | 3 | 0 | 0 | 77 | 76 | — 6 | — 3 | 8.7 | —17.2 | — | 69 |
| | Dinajpur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 72 |
| | Rangpur | 000 | 0 | 3 | 09 | 02 | 96 | 01 | 1 | 969 | 84 | 3 | 0 | 9 | 9 | 1 | 79 | 91 | 065 | 7 | 7 | 09 | 02 | 9. | 61 | 6 | 031 | 83 | 7 | 6 | 6 | 0 | 0 | 53 | 76 | + 1 | — 2 | 1.4 | —34.4 | — | 84 |
| Kashmir | Jammu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Lahore | Lahore (Jail Rd.) | 000 | 0 | 4 | 00 | 00 | 96 | 01 | 2 | 980 | 92 | 3 | 4 | 7 | 3 | 0 | 77 | 94 | 000 | 0 | 5 | 00 | 00 | 97 | 02 | 1 | 000 | 85 | 5 | 0 | 9 | 7 | 0 | 79 | 81 | — 5 | + 1 | 7.0 | — 0.1 | 10.1 | 19 |
| | Sialkot | 000 | 0 | 2 | 27 | 03 | 98 | 02 | 1 | 982 | 93 | 2 | 4 | 6 | 0 | 0 | 76 | 93 | 000 | 0 | 6 | 00 | 00 | 97 | 03 | 2 | 000 | 86 | 2 | 1 | 7 | 0 | 1 | 78 | 79 | — 6 | 0 | 12.3 | + 1.6 | 18.4 | 32 |
| Rawalpindi | Jhelum | 000 | 0 | 4 | 05 | 02 | 97 | 01 | 2 | 985 | 88 | 3 | 9 | 6 | 3 | 0 | 77 | 90 | 000 | 0 | 3 | 03 | 00 | 97 | 02 | 0 | 996 | 85 | 1 | 0 | 9 | 3 | 1 | 78 | 78 | — | — | 7.5 | — | 12.2 | — |
| | Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | — |
| | Rawalpindi | 021 | 7 | 6 | 00 | 00 | 97 | 01 | 9 | 994 | 84 | 1 | 1 | 6 | 3 | . | 76 | 85 | 000 | 0 | 2 | 00 | 00 | 97 | 01 | 1 | 999 | 80 | 2 | 0 | 9 | 3 | 0 | 76 | 75 | — 11 | — 1 | 22.0 | —11.6 | 22.3 | 36 |
| | Campbellpur | 076 | 1 | 0 | 31 | .. | 93 | 00 | 0 | ... | 87 | 0 | 0 | 9 | 0 | 0 | 75 | 86 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | — | — | — | — |
| Sargodha | Khushab | 000 | 0 | 7 | 00 | 00 | 97 | 02 | 2 | 975 | 97 | 5 | 2 | 9 | 2 | 0 | 77 | 93 | 017 | 0 | 8 | 09 | 03 | 97 | 03 | 2 | 983 | 85 | 4 | 2 | 9 | 4 | 4 | 56 | / / | — 19 | / / | 5.2 | — 0.1 | 7.2 | 15 |
| | Sargodha | 000 | 0 | 7 | 09 | 03 | 97 | 03 | 2 | 979 | 92 | 4 | 8 | 6 | 3 | 0 | 77 | 94 | 000 | 0 | 6 | 09 | 03 | 97 | 01 | 2 | 992 | 87 | 6 | 0 | 9 | 3 | 0 | 78 | 82 | — | — | 3.2 | — | 7.2 | — |
| | Lyallpur | 000 | 0 | 5 | 30 | 02 | 97 | 02 | 1 | 976 | 91 | 5 | 0 | 9 | 4 | 0 | 63 | 96 | 017 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 003 | 86 | 0 | 0 | 9 | 0 | 0 | 75 | 82 | — 5 | 0 | 6.3 | + 4.3 | 9.6 | 12 |
| Multan | Sahiwal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 10 |
| | Multan | 000 | 0 | 5 | 05 | 07 | 97 | 02 | 1 | 981 | 98 | 4 | 2 | 6 | 3 | 0 | 78 | 99 | 000 | 0 | 4 | 13 | 03 | 97 | 03 | 1 | 991 | 89 | 3 | 0 | 9 | 3 | 1 | 76 | 83 | — 4 | — 1 | 1.8 | — 0.7 | 2.4 | 7 |
| | Lodhi | 000 | 0 | 8 | 36 | 04 | 94 | 03 | 0 | 921 | 03 | 0 | 8 | 7 | 0 | 0 | 75 | 03 | 000 | 0 | 8 | 36 | 00 | 93 | 02 | 2 | 980 | 88 | 0 | 8 | 7 | 0 | 0 | 76 | 70 | — | — | — | — | — | 8 |
| Bahawalpur | Khanpur | 000 | 8 | 5 | 00 | / | 96 | 02 | 9 | 957 | 98 | 3 | 3 | 6 | 3 | 0 | 76 | 99 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 1.1 | —16.9 | 1.5 | 6 |
| | Bahawalpur | 000 | 0 | 0 | 08 | 00 | 95 | 00 | 0 | 968 | 97 | 0 | 0 | 9 | 0 | 0 | 79 | 97 | 100 | 0 | 2 | 00 | 00 | 96 | 00 | 0 | 994 | 95 | 0 | 0 | 9 | 0 | 0 | 75 | 83 | — | — | 0.0 | — 2.7 | 0.3 | 6 |
| | Port Abbas | /// | / | 2 | 03 | 04 | 98 | 00 | 0 | 955 | 96 | 0 | 0 | 9 | 0 | 0 | 79 | 99 | 000 | 0 | 0 | 00 | 00 | 98 | 00 | 0 | 913 | 90 | 0 | 0 | 9 | 0 | 0 | 63 | 67 | — | — | — | — | — | 8 |
| Malakand | Chakdara | 162 | 8 | 8 | 00 | 00 | 96 | 20 | 6 | 003 | 77 | 8 | 5 | 6 | / | / | 73 | 78 | 120 | 0 | 5 | 18 | 05 | 97 | 01 | 2 | 997 | 76 | 5 | 0 | 9 | 3 | 0 | 74 | 73 | — | — | 4.5 | — | 7.4 | — |
| Peshawar | Peshawar | 069 | 6 | 8 | 36 | 03 | 97 | 02 | 6 | 004 | 79 | 6 | 7 | 3 | 2 | / | 77 | 80 | 670 | 0 | 7 | 21 | 02 | 97 | 02 | 2 | 000 | 80 | 4 | 5 | 6 | 2 | 0 | 76 | 76 | — 31 | — 4 | 3.0 | + 1.4 | 11.5 | 11 |
| | Kohat | 050 | 3 | 6 | 13 | 03 | 97 | 03 | 6 | 008 | 80 | 6 | 0 | 9 | 6 | 3 | 74 | 80 | 000 | 3 | 4 | 05 | 03 | 98 | 01 | 2 | 013 | 80 | 4 | 0 | 9 | 3 | 0 | 76 | 72 | — | — | 12.4 | — | 20.3 | — |
| D. I. Khan | Bannu | 050 | 3 | 6 | .2 | 01 | 98 | 20 | 9 | 02. | 81 | 3 | 2 | 7 | 7 | / | 79 | 82 | 000 | 0 | 6 | 00 | 00 | 98 | 03 | 2 | 018 | 86 | 6 | 2 | 7 | 0 | 0 | 77 | 77 | — | — | 0.7 | — | 3.0 | 11 |
| | D. I. Khan | 000 | 0 | 0 | 00 | 00 | 96 | 02 | 0 | 980 | 93 | 0 | 0 | 9 | 0 | 0 | 81 | 94 | 000 | 0 | 4 | 05 | 03 | 96 | 02 | 0 | 000 | 84 | 4 | 0 | 9 | 3 | 0 | 80 | 80 | — 8 | — 2 | 0.5 | — 2.4 | 3.3 | 9 |
| Quetta | Sibi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 5 |
| | Nokkundi | 000 | 0 | 6 | 13 | 09 | 96 | 03 | 4 | 909 | 05 | 0 | 0 | 9 | 0 | 4 | 57 | 07 | 000 | 0 | 1 | 31 | 12 | 96 | 03 | 0 | 957 | 96 | 1 | 0 | 9 | 3 | 0 | 47 | 86 | — | — | 0.0 | — | 0.0 | 2 |
| Kalat | Turbat | 000 | 0 | 0 | 11 | 04 | 98 | 03 | 0 | 041 | 94 | 0 | 0 | 9 | 0 | 0 | 93 | 94 | 000 | 0 | 0 | 18 | 02 | 98 | 00 | 0 | 071 | 84 | 0 | 0 | 9 | 0 | 0 | 75 | 80 | — | — | 0.0 | — | 0.0 | — |
| | Jiwani | 000 | 0 | 6 | 18 | 23 | 96 | 02 | 1 | 987 | 85 | 6 | 6 | 5 | 0 | 0 | 73 | 87 | 000 | 0 | 7 | 18 | 02 | 96 | 01 | 2 | 023 | 81 | 6 | 9 | 4 | 3 | 0 | 71 | 98 | — | — | 0.0 | — | 1.5 | 5 |
| | Pasni | 000 | 0 | 0 | 27 | 02 | 97 | 02 | 0 | /// | 76 | 0 | 0 | 9 | 0 | 0 | 67 | / / | 000 | 0 | 0 | 18 | 02 | 97 | 02 | 0 | 041 | 76 | 0 | 0 | 9 | 0 | 0 | 68 | / / | — | / / | 0.0 | — 0.7 | 0.0 | 6 |
| | Ormara | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 009 | 0 | 6 | 25 | 05 | 96 | 02 | 2 | 019 | 83 | 1 | 6 | 6 | 3 | 0 | 77 | / / | — | — | 0.8 | + 0.1 | 0.8 | 6 |
| | Lasbela | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| Karachi division | Karachi (Manora) | 073 | 8 | 8 | 27 | 07 | 96 | 62 | 6 | 977 | 77 | 8 | 6 | 4 | . | . | 78 | 83 | 075 | 9 | 6 | 27 | 10 | 96 | 03 | 2 | 017 | 80 | 3 | 6 | 4 | 2 | 0 | 76 | 79 | — 4 | — 1 | — | — | — | 8 |
| | Karachi (Airport) | 122 | 9 | 7 | 27 | 03 | 96 | 50 | 5 | 977 | 80 | 7 | 6 | 5 | 0 | 0 | 79 | 80 | 015 | 9 | 7 | 27 | 03 | 96 | 02 | 2 | 012 | 79 | 4 | 6 | 4 | 3 | 0 | 75 | 78 | — | — | 1.4 | — | 1.5 | — |
| Hyderabad | Nagarparker | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 7 |
| | Chhor | | | | | | | | | | | | | | | | | | 012 | 0 | 6 | 23 | 03 | 96 | 02 | 2 | 009 | 81 | 6 | 5 | 5 | 0 | 0 | 77 | 77 | — | — | — | — | — | 9 |
| | Hyderabad | 079 | 8 | 8 | 23 | 07 | 97 | 50 | 6 | 982 | 85 | 8 | 0 | 9 | 3 | 0 | 79 | 85 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 22 | — | 0.9 | — 2.5 | 0.9 | 9 |
| | Badin | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 000 | 0 | 0 | 18 | 02 | 98 | 02 | 2 | 978 | 87 | 0 | 0 | 9 | 0 | 0 | 77 | 83 | — | — | 0.4 | — 3.6 | 0.4 | — |
| Khairpur | Padidan | 002 | 0 | 7 | 18 | 03 | 96 | 03 | 2 | 971 | 93 | 3 | 7 | 6 | 7 | 0 | 75 | 15 | 008 | 9 | 7 | 18 | 02 | 96 | 03 | 6 | 001 | 82 | 2 | 4 | 6 | 8 | 0 | 72 | 78 | — | — | 0.2 | — | 0.2 | — |
| | Nawabshah | 000 | 0 | 8 | 18 | 02 | 96 | 03 | 2 | 963 | 86 | 3 | 5 | 6 | 2 | / | 81 | 88 | 000 | 0 | 5 | 13 | 05 | 96 | 03 | / | 038 | 82 | 5 | 6 | 5 | 3 | 0 | 79 | 78 | — | — | 0.6 | — | 0.6 | 4 |
| | Sukkur | 000 | 0 | 7 | 21 | 05 | 96 | 03 | 0 | 942 | 94 | 7 | 0 | 9 | 0 | 0 | 82 | 01 | 085 | 0 | 7 | 23 | 05 | 96 | 03 | 0 | 995 | 83 | 7 | 0 | 9 | 9 | 0 | 80 | 79 | — | — | 2.2 | — | 2.2 | — |
| | Khairpur | 000 | 0 | 8 | 05 | 03 | 96 | 17 | 2 | 954 | 99 | 8 | 2 | 2 | 0 | 0 | 77 | 00 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 0.0 | — | 0.0 | 4 |
| | Jacobabad | 000 | 0 | 5 | 18 | 02 | 97 | 02 | 2 | 950 | 99 | 3 | 2 | 0 | 0 | 1 | 72 | 99 | 001 | 9 | 7 | 00 | 00 | 98 | 03 | 9 | 995 | 81 | 3 | 0 | 9 | 5 | 4 | 78 | 81 | — 8 | — 4 | 2.5 | + 1.3 | 2.6 | 20 |
| Junagadh | Veraval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | HILL STATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Kashmir | Srinagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 71 |
| | Gulmarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 |
| | Sonamarg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | Dras | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| | Leh | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| | Skardu | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | Miagar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 |
| | Aliabad | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | Gilgit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — |
| Rawalpindi | Murree | 010 | 3 | 8 | 09 | 05 | 95 | 03 | 6 | 434 | 65 | 8 | 5 | 2 | / | / | 63 | // | 015 | 9 | 5 | 00 | 00 | 98 | 02 | 6 | 436 | 65 | 3 | 5 | 4 | 5 | 0 | 52 | 60 | — // | — 2 | 25.2 | + 8.8 | 34.6 | 29 |
| Malakand | Drosh | .000 | | | | 10 | 98 | 01 | 1 | 385 | 93 | 3 | 8 | 7 | 7 | 0 | 59 | 97 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | — | 1.3 | — | 9.6 | — |
| Peshawar | Cherat | 058 | | | 8 | 07 | 94 | 01 | 6 | 437 | 71 | 8 | 4 | 8 | 0 | 0 | 71 | 71 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — 17 | — | 4.4 | — 0.4 | 3.9 | — |
| | Kakul | 007 | | | 36 | 04 | 97 | 01 | 6 | 437 | 75 | 6 | 8 | 5 | 3 | 0 | 69 | 77 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 17.5 | — | 32.5 | 29 |
| | Landikotal | 000 | 0 | 8 | 13 | 05 | 97 | 02 | 2 | 427 | 76 | 8 | 2 | 7 | 2 | 0 | 72 | 79 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | — | — | 5.3 | — | 14.9 | 13 |
| | Parachinar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 11 |
| D.I. Khan | Miranshah | 000 | 0 | 8 | 05 | 05 | 97 | 00 | 1 | 453 | 87 | 8 | 0 | 9 | 0 | 1 | 71 | 88 | 000 | 0 | 8 | 15 | 05 | 91 | 00 | 1 | 421 | 78 | 8 | 0 | 9 | 0 | / | 67 | 69 | — | — | 0.0 | — 2.4 | 1.6 | 13 |
| | Wana | 005 | 0 | 6 | 18 | 02 | 96 | 03 | 0 | 419 | 74 | 6 | 5 | 8 | 0 | 0 | 73 | 73 | 010 | 0 | 0 | 00 | 00 | 97 | 00 | 0 | 381 | 77 | 0 | 0 | 9 | 0 | 0 | 73 | 72 | — | — | 0.3 | — | 1.0 | — |
| Quetta | Fort Sandeman | 000 | 0 | 6 | 09 | 07 | 96 | 05 | 0 | 393 | 86 | 4 | 4 | 7 | 2 | / | 64 | 93 | 000 | 0 | 2 | 23 | 02 | 96 | 05 | 0 | 419 | 78 | 2 | 4 | 7 | 0 | 0 | 66 | 75 | — 6 | 0 | 5.1 | + 2.4 | 2.9 | 9 |
| | Hindubagh | 000 | 0 | 8 | 25 | 05 | 95 | 03 | 0 | /// | 84 | 8 | 4 | 3 | 0 | 0 | 58 | 93 | 000 | 0 | 1 | 11 | 02 | 95 | 05 | 0 | /// | 74 | 0 | 0 | 9 | 0 | 0 | 46 | 64 | — | — | 0.4 | — | 2.1 | — |
| | Loralai | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 14 |
| | Barkhan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 9 |
| | Harnai | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | — | — | — | — | — | 8 |
| | Samungli (Quetta) | 000 | 0 | 0 | 13 | 02 | 96 | 20 | 0 | 394 | 93 | 0 | 2 | 7 | 0 | 1 | 72 | 94 | 000 | 0 | 0 | 23 | 01 | 96 | 03 | 0 | 408 | 80 | 0 | 0 | 9 | 0 | 0 | 74 | 76 | — | — | 0.0 | — 3.9 | 0.0 | — |
| | Chaman | 000 | 0 | 0 | 13 | 05 | 97 | 03 | 0 | 386 | 92 | 6 | 0 | 9 | 5 | 0 | 68 | 95 | 000 | 0 | 7 | 13 | 05 | 96 | 04 | 1 | 426 | 77 | 7 | 0 | 9 | 3 | 0 | 65 | 72 | + 2 | + 4 | 0.5 | — 0.2 | 3.2 | — |
| | Nushki | 000 | 0 | 6 | 27 | 03 | 96 | 00 | 0 | 419 | 99 | 0 | 0 | 9 | 0 | 2 | 52 | 00 | 000 | 0 | 0 | 27 | 03 | 96 | 02 | 0 | 462 | 89 | 0 | 0 | 9 | 0 | 0 | 57 | 89 | 0 | + 4 | 0.6 | — 0.1 | 1.3 | — |
| | Dalbandin | 000 | 0 | 0 | 31 | 05 | 95 | 06 | 0 | 431 | 03 | 0 | 0 | 9 | 0 | 0 | 46 | 04 | 000 | 0 | 0 | 18 | 07 | 94 | 06 | 0 | 458 | 87 | 0 | 0 | 9 | 0 | 2 | 38 | 85 | — | — | 0.0 | — | 1.1 | 4 |
| Kalat | Kalat | 000 | 0 | 3 | 23 | 07 | 94 | 06 | 0 | 404 | 05 | 4 | 0 | 9 | 2 | 0 | 27 | 06 | 000 | 0 | 7 | 13 | 03 | 94 | 06 | 2 | 424 | 83 | 7 | 0 | 9 | 9 | 7 | 53 | 83 | — 3 | + 6 | 0.0 | — 0.1 | 0.7 | 7 |
| | Khuzdar | 000 | 0 | 4 | 09 | 07 | 92 | 00 | 2 | 371 | 86 | 0 | 0 | 2 | 9 | 0 | 55 | 90 | 000 | 0 | 8 | 23 | 00 | 96 | 02 | 0 | 409 | 63 | 0 | 2 | 9 | 0 | 0 | 60 | 68 | — 2 | + 13 | 0.0 | — 0.8 | 0.4 | — |
| | Panjgur | ... | ... | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 015 | 2 | 8 | 00 | 00 | 96 | 03 | 5 | 416 | 73 | 3 | 5 | 6 | 2 | 0 | 67 | 71 | — | — | 0.8 | — | 1.1 | 5 |
| | | | | | | | | | | | | | | | | | | | 000 | 0 | 5 | 23 | 03 | 96 | 05 | 1 | 436 | 77 | 5 | 0 | 9 | 2 | 0 | 70 | 76 | — | — 1 | 0.0 | — | 0.1 | — |

Given in Code.

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

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

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

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

# PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 31st JULY, 1971.

WIRELESS REPORTS FROM SHIPS

| | $99L_aL_aL_a$ | $Q_cL_oL_oL_oL_o$ | $YYGG_{iw}$ | N dd FF | VV w w W | PPP TT | $N_hC_LhC_MC_H$ | $D_sV_s$a PP | 7RR $t_Rt_R$ | $8N_sCh_sh_s$ | $O1_sT_tT_dT_d$ | $1T_wT_wT_{wc}T$ | $3P_wP_wH_wH_w$ | $d_wd_wP_wH_wH_w$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| ARABIAN SEA Gyyw ... | 99 2 08 | 10 6 35 | 31 0 64 | 81 8 09 | 98 0 22 | 02 6 26 | 87 4 00 | 33 2 0 | .. | ... | 00 / 25 | 12 6 00 | 30 3 03 | 19 8 10 |
| --do --Dumra ... | 99 2 44 | 10 6 69 | 31 0 03 | 82 30 20 | 97 0 20 | 00 4 27 | 8 / / / / | 72 7 05 | ... | ... | ... | ... | 3 | ... |

## UPPER AIR DATA

| STATION | Time of ascent in G. M. T. | Surface $P_oP_oP_oT_oT_oT_oD_oD_o$ | 1000 mb | 850 mb | 700 mb | 500 mb | 400 mb | 300 mb | 200 mb | 150 mb | 100 mb | 70 mb | 50 mb | 30 mb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At surface and Standard Isobaric Levels hhh $TTT_a$ DD | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Chittagong ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... |
| Dacca ... | 00 00 | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Gilgit ... | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | |
| Karachi ... | 00 00 | 997 260 23 | ... | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 960 248 17 | 501 /// // | 390 222 20 | 095 136 31 | 586 002 // | 761 101 // | 978 215 // | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | | |
| Sargodha ... | 00 00 | 978 260 35 | 503 /// // | MISDA | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

| STATION | Time of ascent in G.M.T. | At Significant Levels. PPP $TTT_a$ DD | | | | | | | Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$ | TROPOPAUSE First $P_tP_tP_tT_tT_tT_{ac}$ | Transition $d_td_tf_tf_tf_t$ | Second $P_tP_tP_tT_tT_tT_t$ | Transition dt dt ft ft ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| Chittagong ... | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | |
| Peshawar ... | 00 00 | 900 246 19 | 497 000 // | 281 235 // | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | |

## UPPER WIND DATA

| Height in kms. a.s.l.--> | At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | At 0600 hrs. G.M.T. † of date (ddfff) 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| Barisal ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Bogra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chaklala ... | ... | 120 06 | 085 07 | 085 08 | 355 03 | 360 06 | 290 07 | ... | ... | ... | 030 02 | 050 02 | 285 04 | 315 05 | 295 09 | ... | 210 04 | 225 05 | 270 04 | 230 03 | 325 06 | 320 08 | ... | ... | ... | ... |
| Chhor ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 230 14 | 235 11 | 055 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Chittagong ... | 165 10 | 165 15 | 170 17 | 175 24 | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Char t ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Cox's Bazar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Dacca ... | 170 15 | 170 15 | 170 23 | 175 31 | ... | ... | ... | ... | ... | No | Ascent | ... | ... | ... | ... | 210 10 | 230 15 | 260 15 | 270 12 | 285 11 | 250 08 | 230 13 | ... | ... | ... | ... |
| Dalbandin ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 158 05 | 2'5 08 | 275 03 | 300 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| D. I. Khan ... | 020 05 | 031 2/ | /50 09 | 075 06 | 055 05 | 360 04 | 350 07 | 340 13 | 345 10 | 060 07 | 090 05 | 100 03 | 200 02 | 245 04 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Drosh ... | ... | ... | ... | 230 3/ | 240 18 | 250 17 | 170 09 | ... | ... | .. | ... | ... | 215 06 | 250 07 | 200 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Fort Sandeman ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 255 05 | 330 04 | 230 10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Gilgit ... | ... | ... | ... | 290 01 | 115 11 | 105 16 | 145 06 | 150 03 | 350 07 | ... | ... | ... | 070 01 | 125 05 | 130 02 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Ishurdi ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jacobabad ... | 140 5/ | 135 05 | 090 04 | 070 09 | 055 13 | 030 27 | ... | ... | ... | 170 06 | 120 05 | 050 05 | 085 07 | 075 10 | 065 17 | 220 03 | 120 05 | 120 07 | 155 03 | 035 04 | 015 11 | 360 10 | ... | ... | ... | ... |
| Jessore ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jhelum ... | 010 05 | 315 04 | 259 02 | 235 04 | 270 03 | 345 06 | 275 05 | 215 12 | 220 04 | 025 04 | 020 07 | 015 09 | 350 12 | 290 13 | 275 09 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Jiwani ... | 145 17 | 135 17 | ... | ... | ... | ... | ... | ... | ... | 165 08 | ... | ... | ... | ... | ... | 190 08 | 125 05 | 115 06 | ... | ... | ... | ... | ... | ... | ... | ... |
| Karachi ... | 260 10 | ... | ... | ... | ... | ... | ... | ... | ... | 280 11 | 295 13 | ... | ... | ... | ... | 275 12 | 290 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khanpur ... | 050 08 | 055 11 | 055 12 | 060 16 | 061 13 | 021 11 | 335 06 | 005 10 | 025 19 | 260 06 | 265 04 | 265 06 | 240 10 | 225 09 | 215 06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Khuzdar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Lahore ... | 045 04 | 055 04 | 070 05 | 095 15 | 120 06 | 050 02 | ... | ... | ... | 055 04 | 150 01 | 165 03 | 175 04 | 190 04 | 195 03 | 145 04 | 125 03 | 090 03 | ... | ... | ... | ... | ... | ... | ... | ... |
| Multan ... | 055 12 | 055 13 | ... | 050 13 | 040 12 | 025 19 | ... | ... | ... | 110 08 | 155 09 | 155 03 | 020 07 | 015 11 | ... | 115 03 | 060 02 | 060 03 | 050 09 | 040 10 | 360 07 | ... | 050 08 | 165 05 | 265 01 | ... |
| Nawab Shah ... | 275 06 | 315 06 | 065 02 | 090 07 | 075 13 | 055 21 | ... | ... | ... | 280 05 | 040 03 | 035 04 | ... | ... | ... | 175 06 | 175 07 | 345 05 | 035 06 | 050 10 | 060 11 | ... | ... | ... | ... | ... |
| Nokkundi ... | ... | ... | 205 07 | 355 08 | 330 10 | 3·0 09 | 285 08 | ... | ... | ... | ... | 325 16 | 345 18 | 355 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Panjgur ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 215 15 | 250 13 | 330 13 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Peshawar ... | ... | 015 07 | ... | ... | ... | ... | ... | ... | ... | ... | 350 04 | 145 02 | 010 01 | 010 02 | 240 03 | ... | 045 02 | 035 29 | 305 02 | 305 05 | ... | ... | ... | ... | ... | ... |
| Parachinar ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Quetta ... | ... | ... | ... | /// // | 015 01 | 265 04 | ... | ... | ... | ... | ... | ... | /// // | 235 06 | 260 06 | ... | ... | ... | /// // | 135 15 | 290 08 | 105 05 | 080 12 | ... | 130 09 | 090 17 |
| Sargodha ... | 085 10 | 075 08 | 070 09 | 075 07 | 040 07 | 360 05 | 280 06 | ... | ... | 025 02 | 025 04 | 025 04 | 330 02 | 310 02 | 290 05 | 210 03 | 210 02 | 210 03 | 250 02 | 060 02 | 340 06 | 350 05 | 050 07 | ... | ... | ... |
| Skardu ... | ... | ... | ... | /// // | /// // | 185 02 | 250 03 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Sylhet ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Veraval ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

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

| Height in g.p. Kms a.s.l--> | 0.3 | 0.6 | 0.9 | 1.5 | 2.1 | 3.0 | 3.6 | 4.5 | 5.4 | 6.0 | 7.2 | 9.0 | 10.5 | 12.0 | 13.5 | 14.1 | 15.0 | 16.2 | 18.5 | 20.5 | 23.5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STATION 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| Chittagong ... | | | | | | | | | | | | | | | | | | | | | |
| Dacca ... | | | | | | | | | | | | | | | | | | | | | |
| Gilgit ... | | | | | | | | | | | | | | | | | | | | | |
| Jiwani ... | | | | | | | | | | | | | | | | | | | | | |
| Karachi ... | | | | | | | | | | | | | | | | | | | | | |
| Multan ... | | | | | | | | | | | | | | | | | | | | | |
| Peshawar ... | | | | | | | | | | | | | | | | | | | | | |
| Quetta ... | | | | | | | | | | | | | | | | | | | | | |
| Sargodha ... | | | | | | | | | | | | | | | | | | | | | |

## Cloud observation Data (IIiii Cdd $V_r$ $V_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

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

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

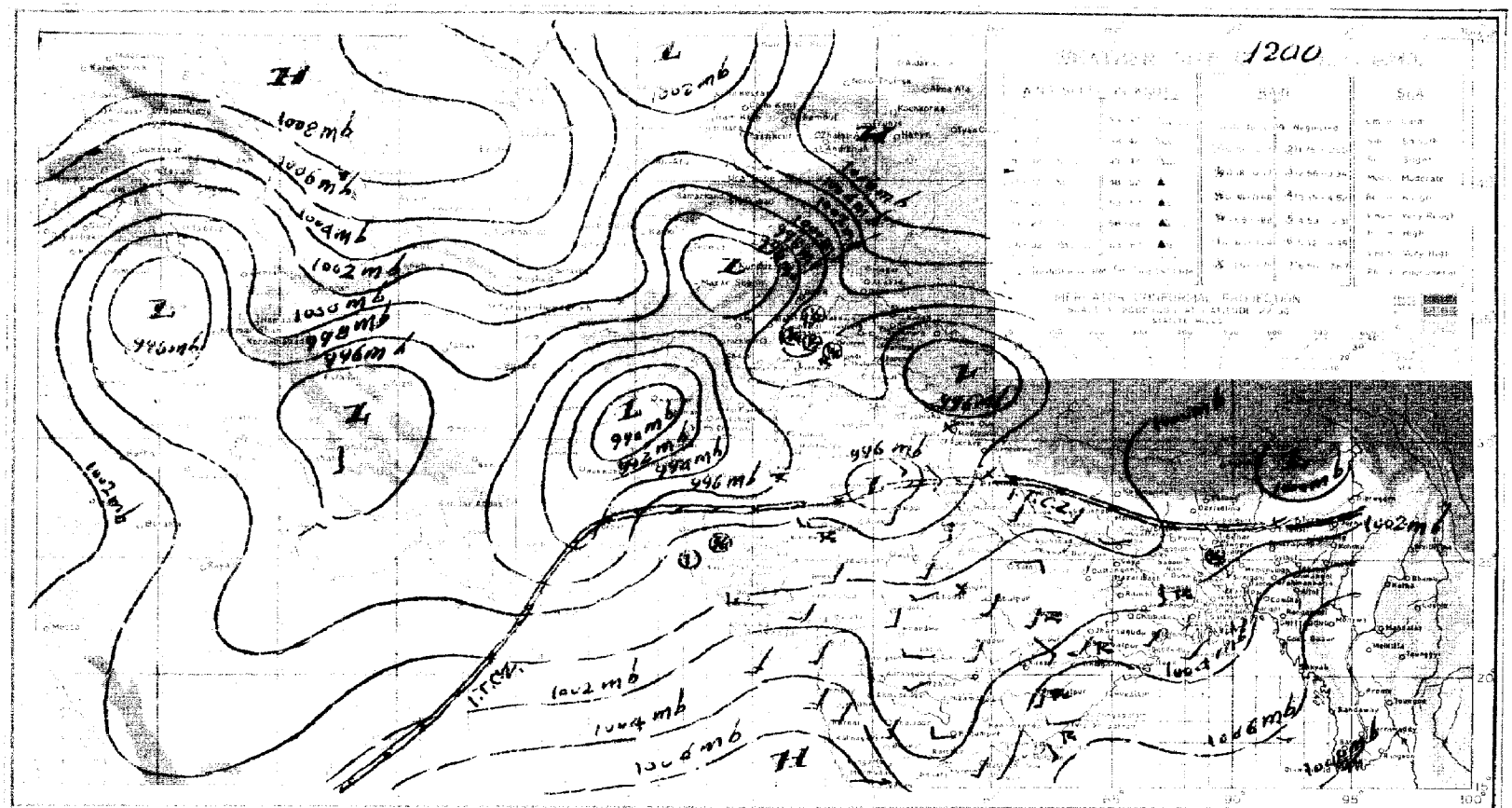
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

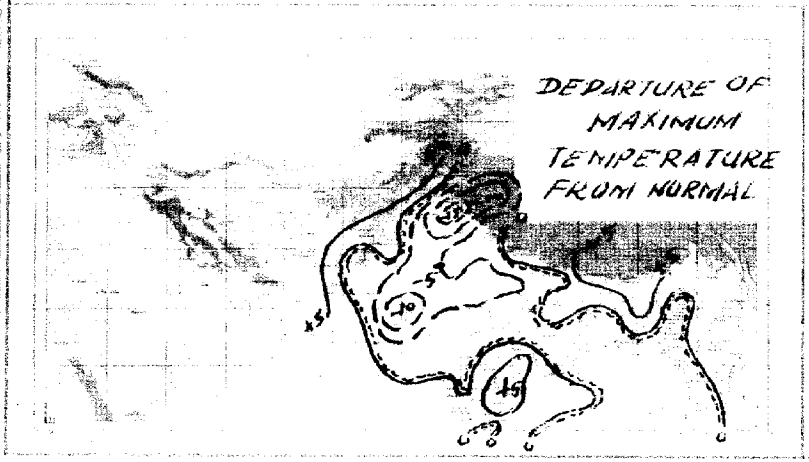
The next three figures give the wind speed "fff" in knots or in knots increased by 500.

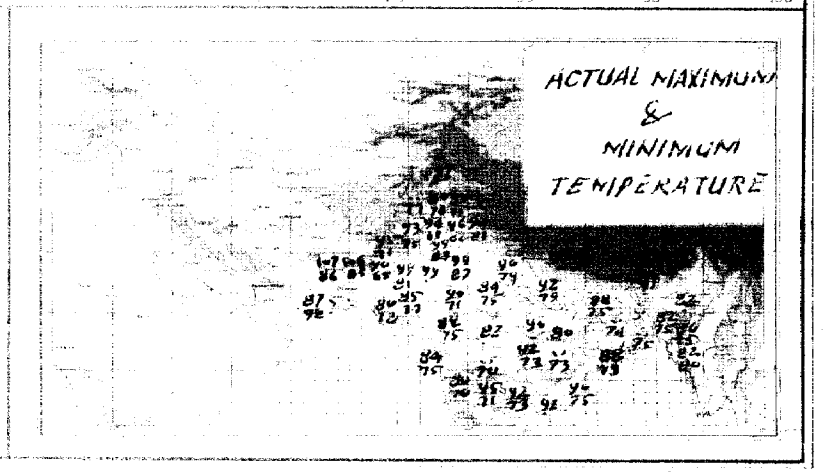
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

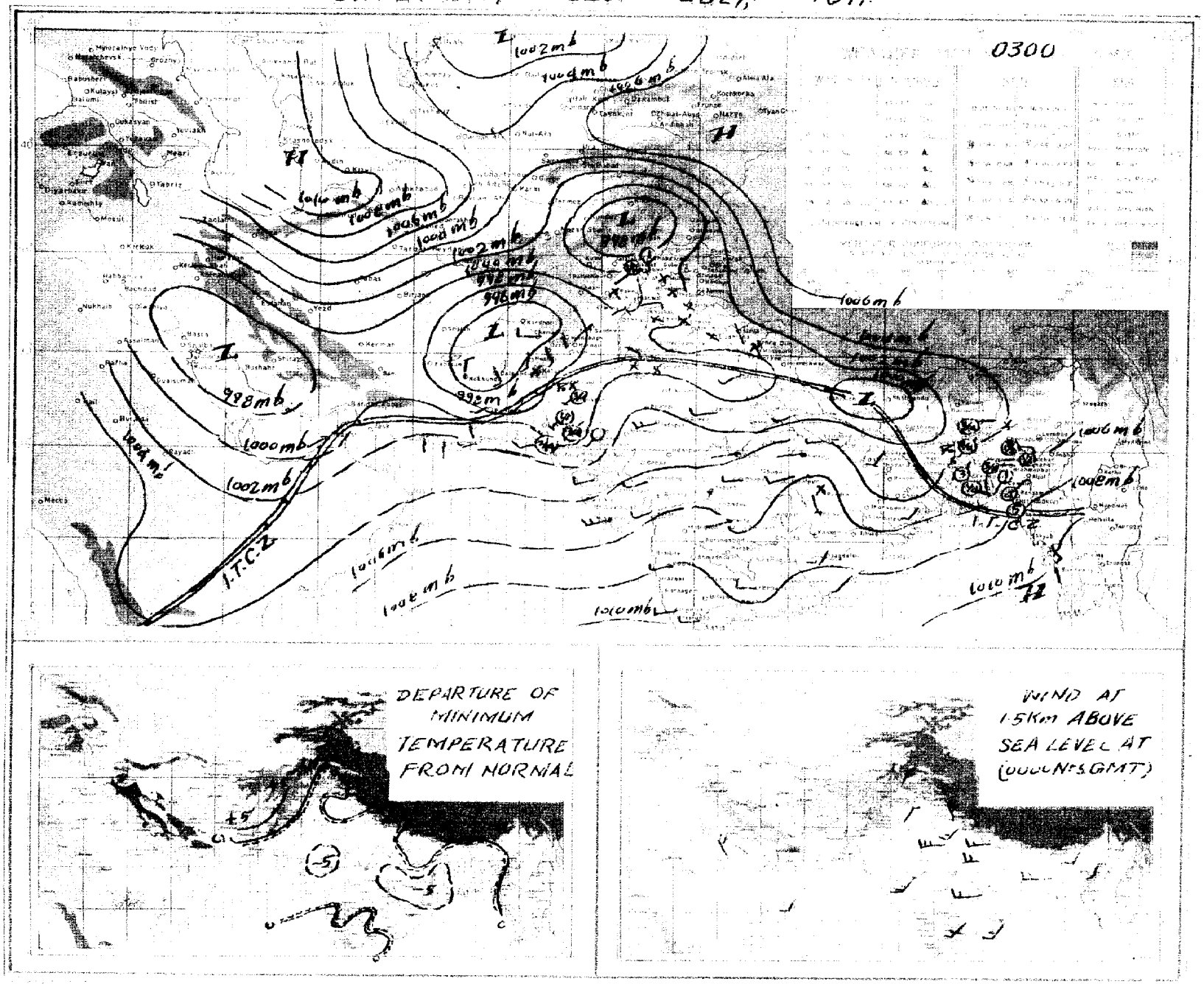
# PAKISTAN DAILY WEATHER MAP

FRIDAY 30th JULY, 1971.



# PAKISTAN DAILY WEATHER MAP

SATURDAY 31st JULY, 1971